

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092121\  
 Data File : VD070413.D  
 Acq On : 21 Sep 2021 19:52  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
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 9/23/2021 11:04:04 AM

Quant Time: Sep 22 01:49:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	355203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	638341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	625487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	299157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	210858	46.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.460%
35) Dibromofluoromethane	7.909	113	218863	48.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.340%
50) Toluene-d8	10.332	98	826216	50.082	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.620	95	280976	48.733	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.460%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	153604	42.599	ug/l	99
3) Chloromethane	2.209	50	237147	49.296	ug/l	100
4) Vinyl Chloride	2.344	62	249067	44.566	ug/l	98
5) Bromomethane	2.756	94	165337	48.572	ug/l	99
6) Chloroethane	2.915	64	168421	49.764	ug/l	97
7) Trichlorofluoromethane	3.268	101	325734	44.066	ug/l	96
8) Diethyl Ether	3.709	74	96721	47.333	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	205117	44.672	ug/l	98
10) Methyl Iodide	4.291	142	201882	46.012	ug/l	98
11) Tert butyl alcohol	5.209	59	61313	118.895	ug/l #	100
12) 1,1-Dichloroethene	4.068	96	183802	44.447	ug/l	97
13) Acrolein	3.921	56	45097	198.902	ug/l	96
14) Allyl chloride	4.715	41	270551	44.522	ug/l	97
15) Acrylonitrile	5.415	53	233505	239.833	ug/l	98
16) Acetone	4.156	43	163914	201.300	ug/l	96
17) Carbon Disulfide	4.409	76	656598	43.034	ug/l	98
18) Methyl Acetate	4.715	43	111534	49.906	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	440604	49.303	ug/l	98
20) Methylene Chloride	4.962	84	309000	62.753	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	239295	48.611	ug/l	94
22) Diisopropyl ether	6.362	45	652805	50.191	ug/l	99
23) Vinyl Acetate	6.303	43	1470170	243.994	ug/l	98
24) 1,1-Dichloroethane	6.262	63	433027	47.054	ug/l	98
25) 2-Butanone	7.209	43	252257	232.724	ug/l	95
26) 2,2-Dichloropropane	7.203	77	324493	43.623	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	256616	48.528	ug/l	98
28) Bromochloromethane	7.544	49	186963	51.203	ug/l	93
29) Tetrahydrofuran	7.562	42	175825	252.689	ug/l	97
30) Chloroform	7.709	83	454120	48.133	ug/l	98
31) Cyclohexane	7.985	56	329048	41.882	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	369838	46.573	ug/l	98
36) 1,1-Dichloropropene	8.109	75	325447	47.698	ug/l	98
37) Ethyl Acetate	7.285	43	130956	51.327	ug/l	96
38) Carbon Tetrachloride	8.091	117	314699	46.636	ug/l	98
39) Methylcyclohexane	9.350	83	334484	43.882	ug/l	96
40) Benzene	8.350	78	1000334	50.029	ug/l	99

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Quant Time: Sep 22 01:49:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	64380	47.960	ug/l	96
42) 1,2-Dichloroethane	8.420	62	262641	49.043	ug/l	99
43) Isopropyl Acetate	8.450	43	224125	47.509	ug/l	98
44) Trichloroethene	9.108	130	230252	48.183	ug/l	87
45) 1,2-Dichloropropane	9.385	63	260339	49.627	ug/l	96
46) Dibromomethane	9.473	93	133580	49.449	ug/l	99
47) Bromodichloromethane	9.656	83	339177	49.216	ug/l	99
48) Methyl methacrylate	9.450	41	102973	47.276	ug/l #	93
49) 1,4-Dioxane	9.461	88	29761	1099.944	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	624186	255.697	ug/l	99
52) Toluene	10.397	92	622130	51.494	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	286047	48.252	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	339494	47.056	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	188483	50.719	ug/l	96
56) Ethyl methacrylate	10.655	69	213260	52.568	ug/l	96
57) 1,3-Dichloropropane	10.938	76	317964	50.257	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	530087	271.102	ug/l	99
59) 2-Hexanone	10.979	43	427953	262.757	ug/l	99
60) Dibromochloromethane	11.132	129	220766	51.046	ug/l	98
61) 1,2-Dibromoethane	11.238	107	175044	51.217	ug/l	98
64) Tetrachloroethene	10.867	164	190338	49.981	ug/l	97
65) Chlorobenzene	11.661	112	635903	49.075	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	237257	49.993	ug/l	99
67) Ethyl Benzene	11.738	91	1150435	51.480	ug/l	99
68) m/p-Xylenes	11.850	106	913096	105.794	ug/l	98
69) o-Xylene	12.173	106	416986	53.929	ug/l	99
70) Styrene	12.185	104	740402	54.815	ug/l	98
71) Bromoform	12.350	173	119704	51.034	ug/l #	97
73) Isopropylbenzene	12.473	105	1061912	50.616	ug/l	100
74) N-amyl acetate	12.279	43	218931	47.894	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	217948	48.504	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	137681m	45.499	ug/l	
77) Bromobenzene	12.749	156	239727	49.528	ug/l	98
78) n-propylbenzene	12.808	91	1378873	50.639	ug/l	100
79) 2-Chlorotoluene	12.897	91	803951	50.653	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	944697	52.175	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	54175	44.858	ug/l	95
82) 4-Chlorotoluene	12.997	91	840576	50.202	ug/l	99
83) tert-Butylbenzene	13.214	119	747962	51.507	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	947993	53.168	ug/l	98
85) sec-Butylbenzene	13.391	105	1155424	50.056	ug/l	99
86) p-Isopropyltoluene	13.502	119	971692	52.393	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	501922	49.808	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	495191	48.957	ug/l	100
89) n-Butylbenzene	13.832	91	910604	49.246	ug/l	99
90) Hexachloroethane	14.096	117	196759	46.345	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	439336	49.412	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	32428	48.188	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	237915	49.551	ug/l	99
94) Hexachlorobutadiene	15.249	225	135554	46.027	ug/l	99
95) Naphthalene	15.385	128	462705	53.026	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	210127	49.602	ug/l	100

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Quant Time: Sep 22 01:49:20 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 09 03:07:09 2021  
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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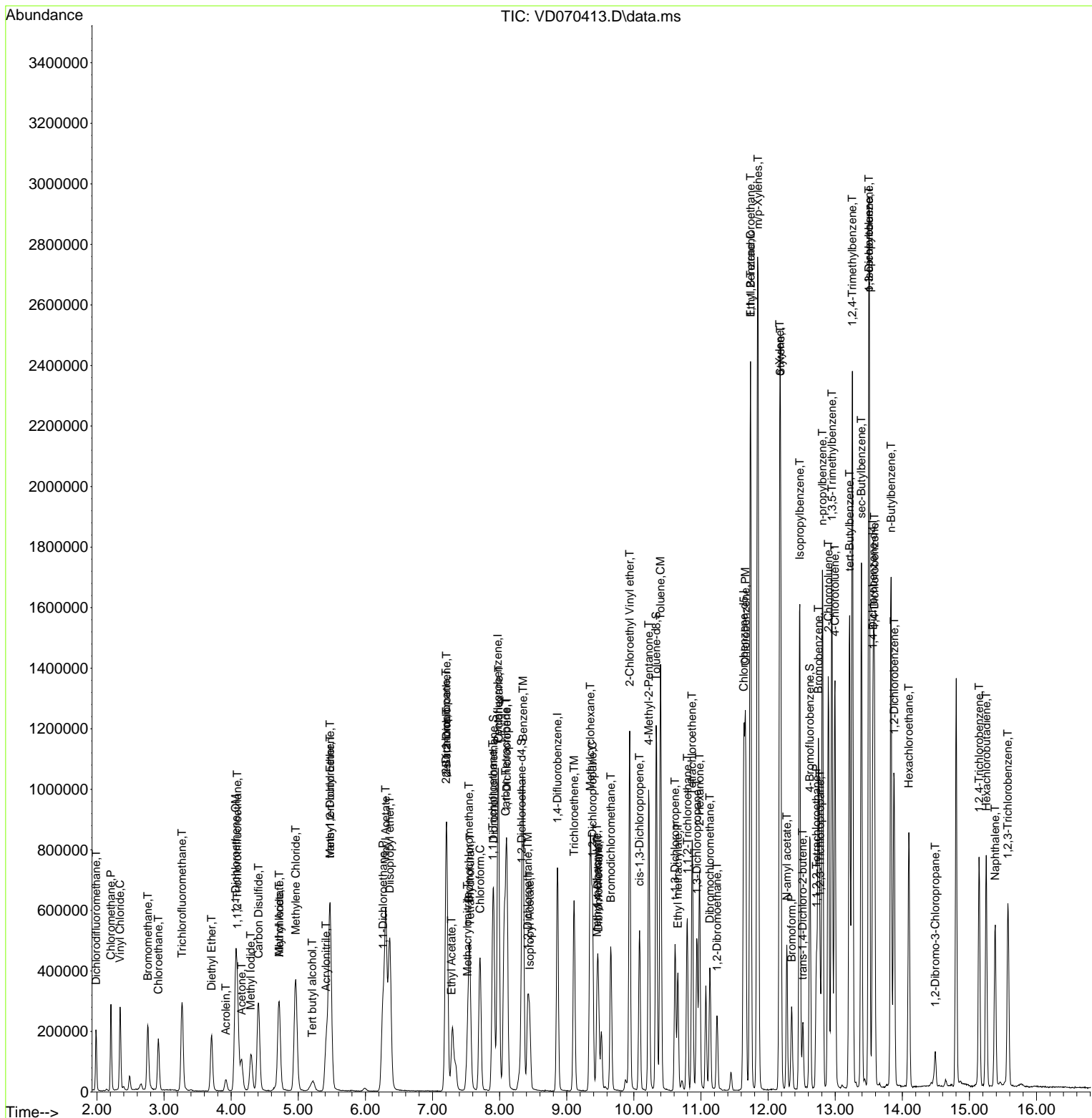
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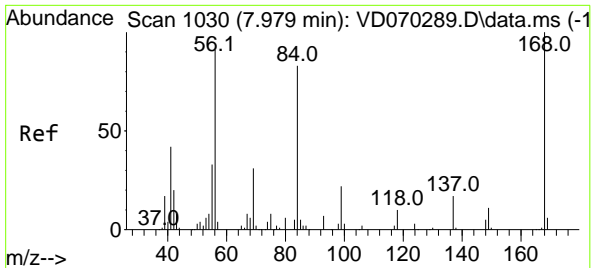
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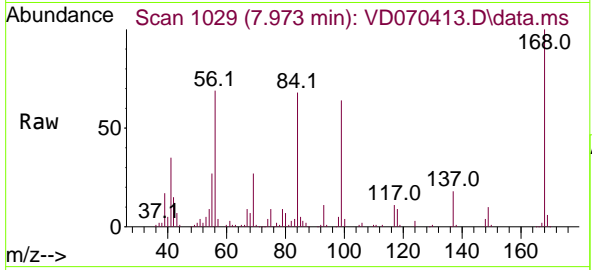
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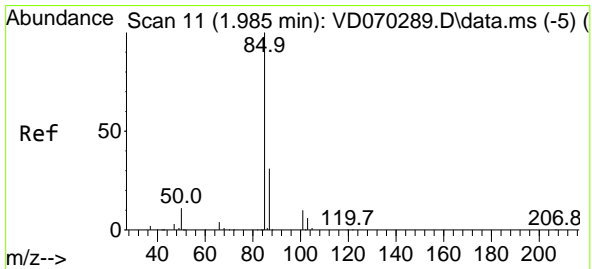
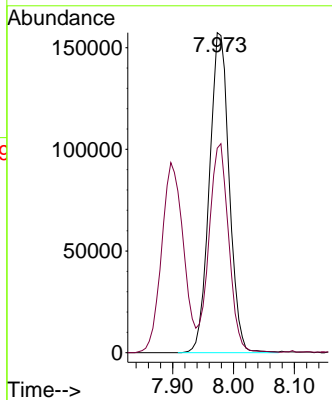
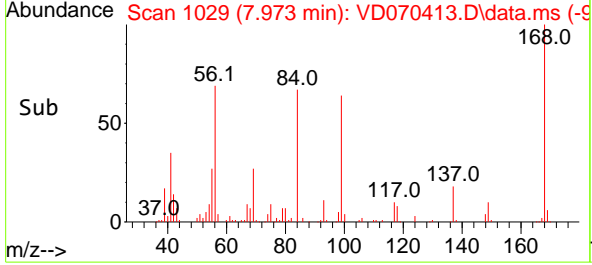
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.973 min Scan# 1029  
 Delta R.T. -0.006 min  
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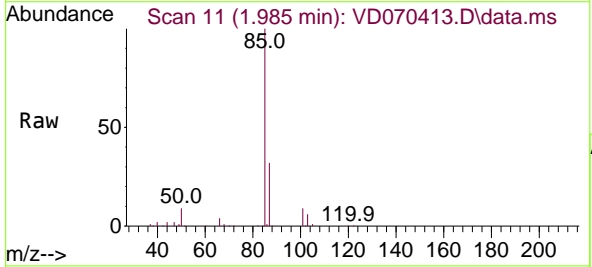


Tgt Ion: 168 Resp: 355203  
 Ion Ratio Lower Upper  
 168 100  
 99 63.7 50.8 76.2

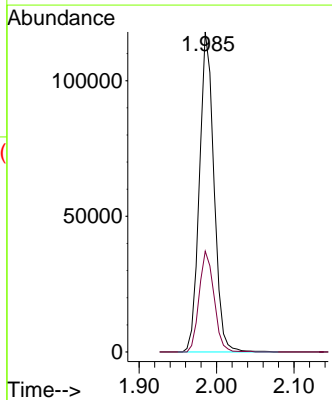
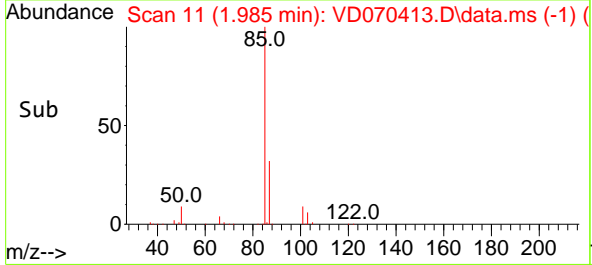
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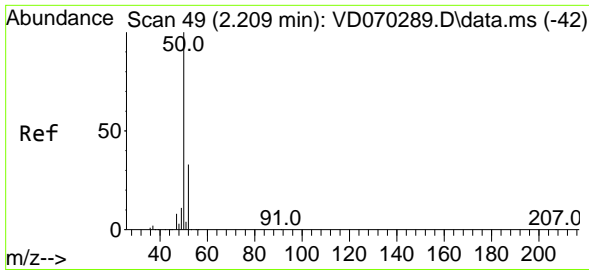


#2  
 Dichlorodifluoromethane  
 Concen: 42.599 ug/l  
 RT: 1.985 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
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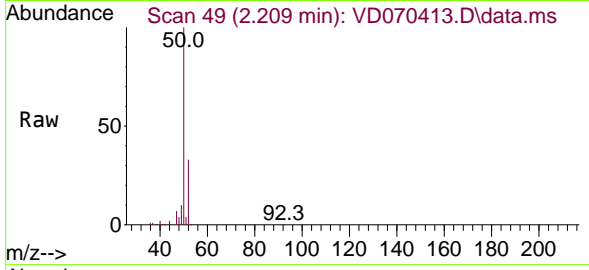
Tgt Ion: 85 Resp: 153604  
 Ion Ratio Lower Upper  
 85 100  
 87 31.5 15.6 46.8





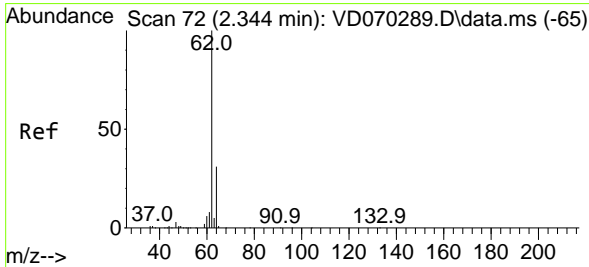
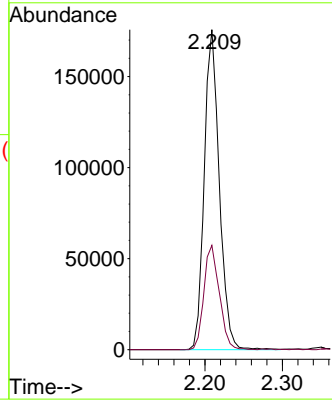
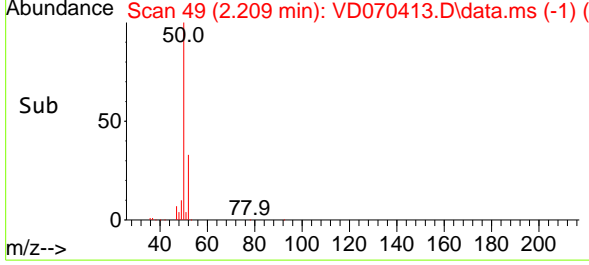
#3  
 Chloromethane  
 Concen: 49.296 ug/l  
 RT: 2.209 min Scan# 49  
 Delta R.T. -0.000 min  
 Lab File: VD070413.D  
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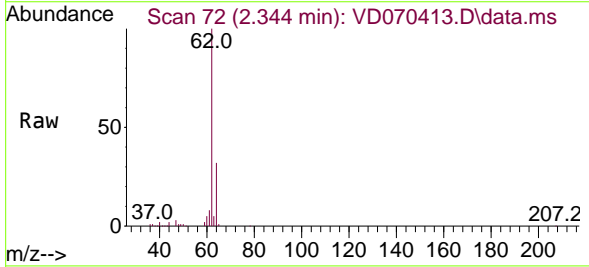


Tgt Ion: 50 Resp: 237147  
 Ion Ratio Lower Upper  
 50 100  
 52 32.6 26.2 39.2

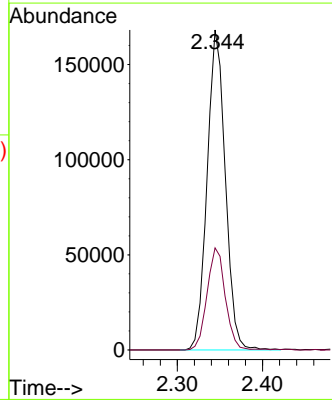
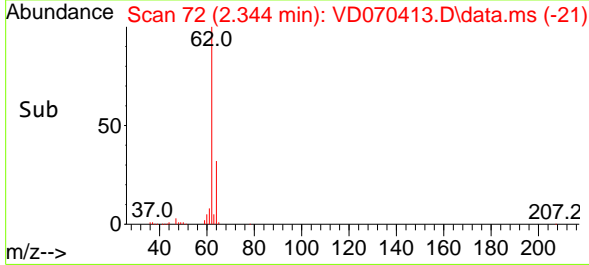
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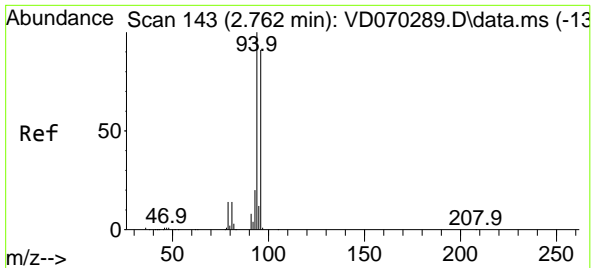


#4  
 Vinyl Chloride  
 Concen: 44.566 ug/l  
 RT: 2.344 min Scan# 72  
 Delta R.T. 0.000 min  
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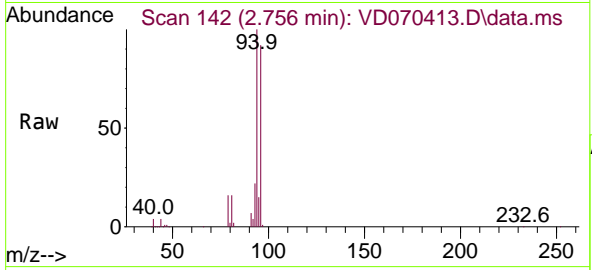
Tgt Ion: 62 Resp: 249067  
 Ion Ratio Lower Upper  
 62 100  
 64 31.9 24.6 36.8





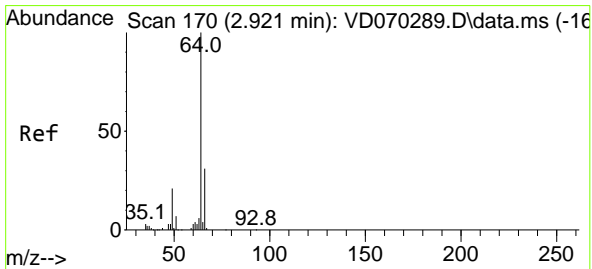
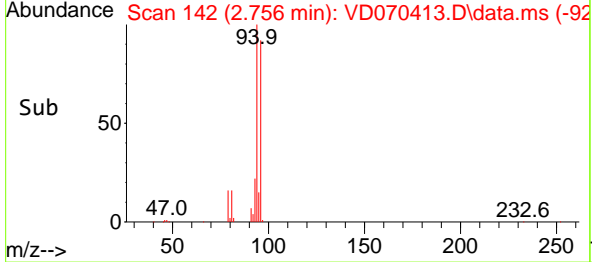
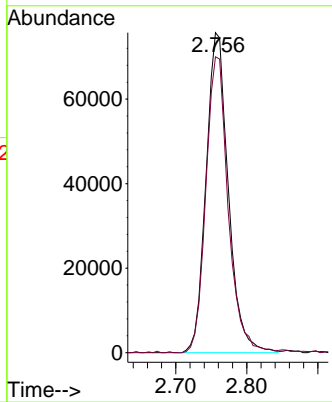
#5  
 Bromomethane  
 Concen: 48.572 ug/l  
 RT: 2.756 min Scan# 142  
 Delta R.T. -0.006 min  
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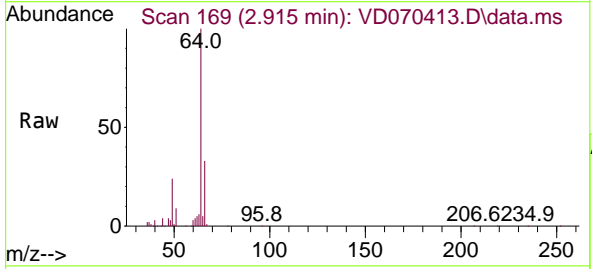


Tgt Ion: 94 Resp: 165337  
 Ion Ratio Lower Upper  
 94 100  
 96 92.5 73.0 109.6

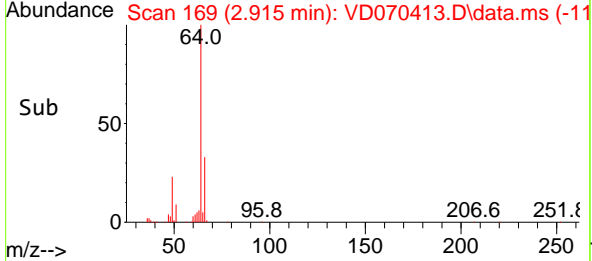
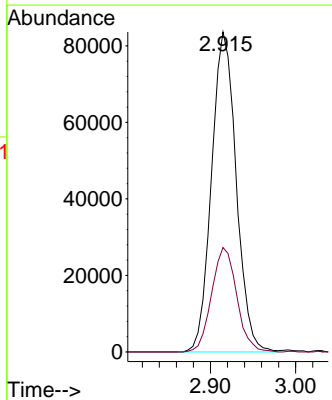
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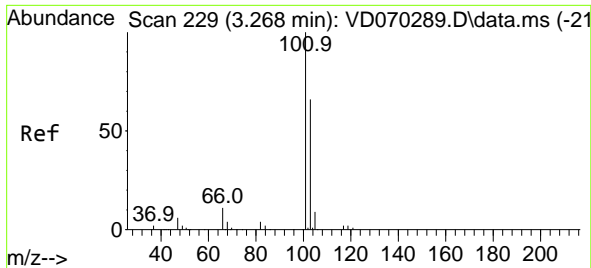


#6  
 Chloroethane  
 Concen: 49.764 ug/l  
 RT: 2.915 min Scan# 169  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
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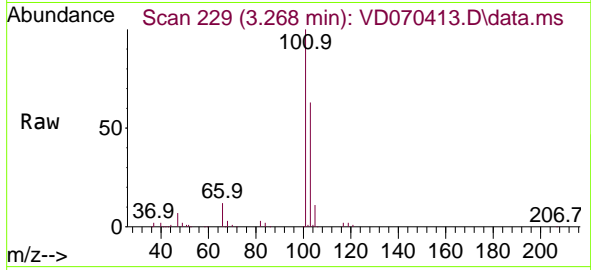
Tgt Ion: 64 Resp: 168421  
 Ion Ratio Lower Upper  
 64 100  
 66 32.6 25.0 37.4





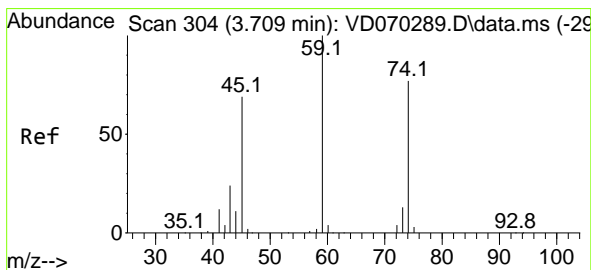
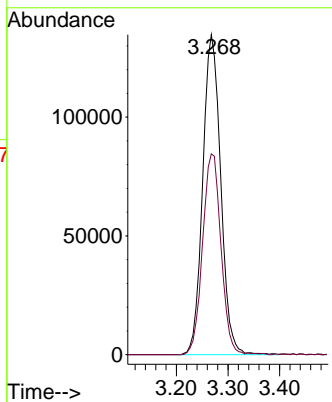
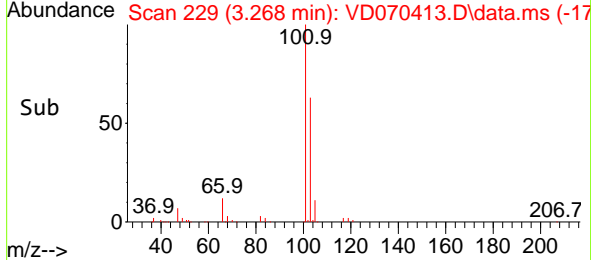
#7  
 Trichlorofluoromethane  
 Concen: 44.066 ug/l  
 RT: 3.268 min Scan# 229  
 Delta R.T. 0.000 min  
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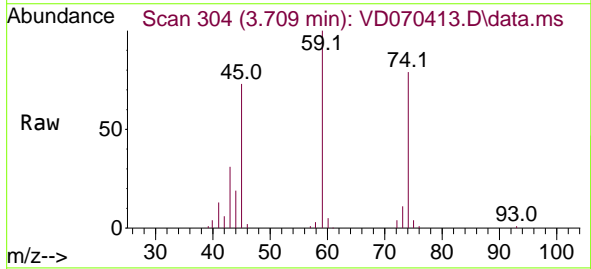


Tgt Ion:101 Resp: 325734  
 Ion Ratio Lower Upper  
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 103 62.7 53.0 79.6

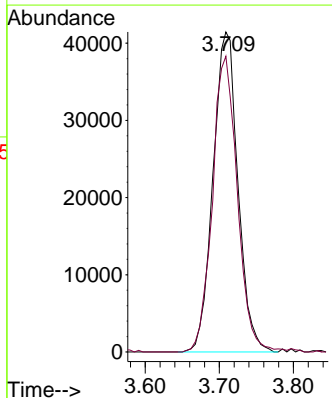
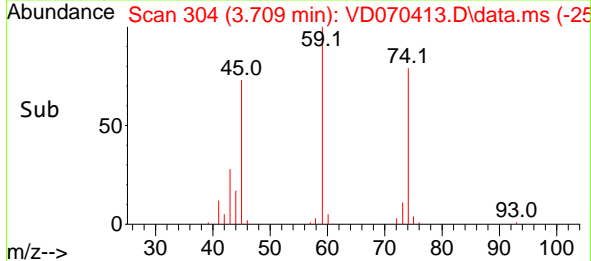
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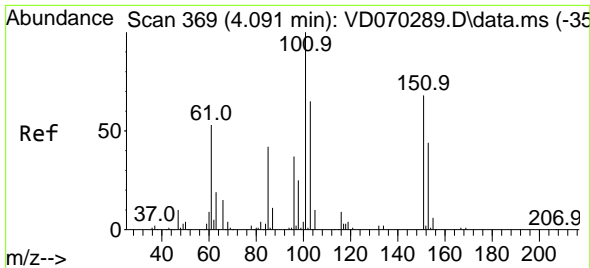
#8  
 Diethyl Ether  
 Concen: 47.333 ug/l  
 RT: 3.709 min Scan# 304  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion: 74 Resp: 96721  
 Ion Ratio Lower Upper  
 74 100  
 45 92.8 44.5 133.5

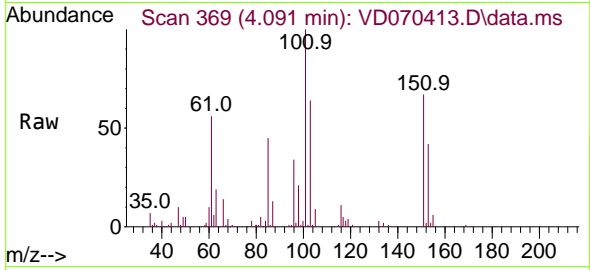






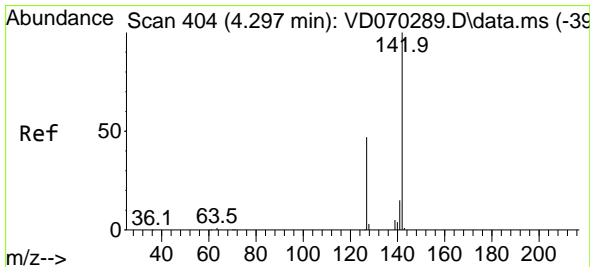
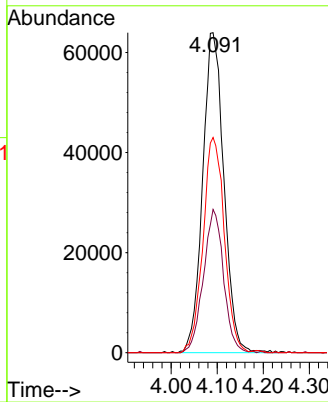
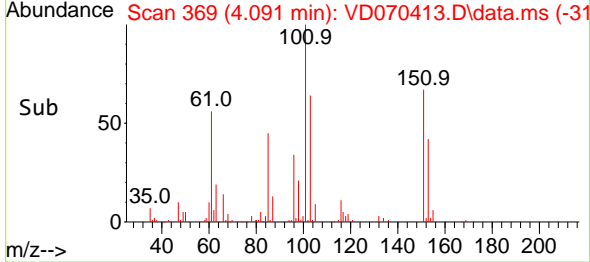
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 44.672 ug/l  
 RT: 4.091 min Scan# 369  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

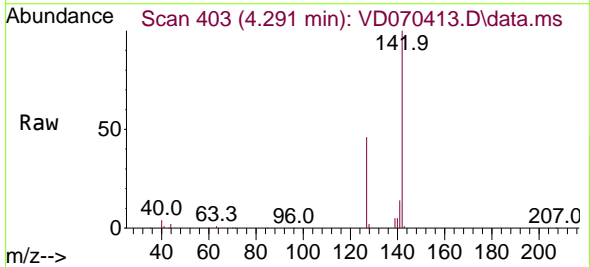


Tgt Ion	Resp	Lower	Upper
101	205117		
101	100		
85	42.5	33.8	50.8
151	67.6	55.8	83.6

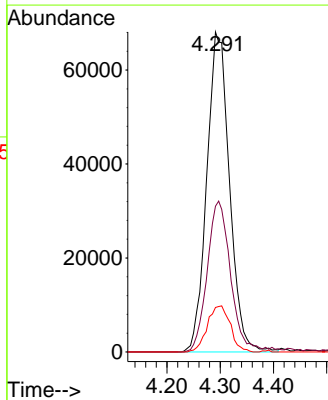
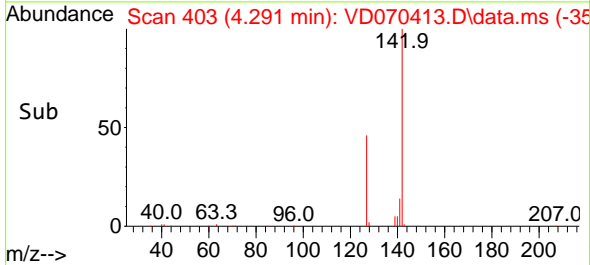
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/23/2021 11:04:04 AM

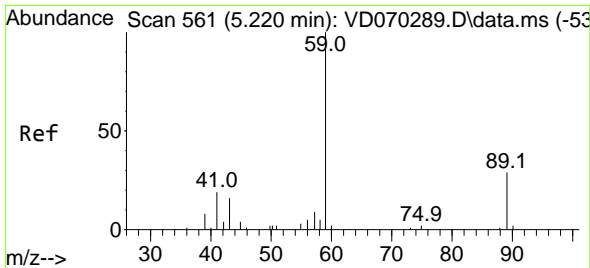


#10  
 Methyl Iodide  
 Concen: 46.012 ug/l  
 RT: 4.291 min Scan# 403  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



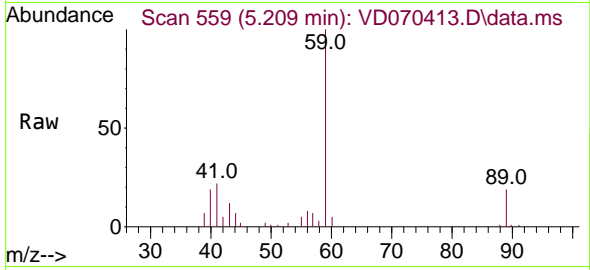
Tgt Ion	Resp	Lower	Upper
142	201882		
142	100		
127	48.1	36.9	55.3
141	14.5	11.8	17.6





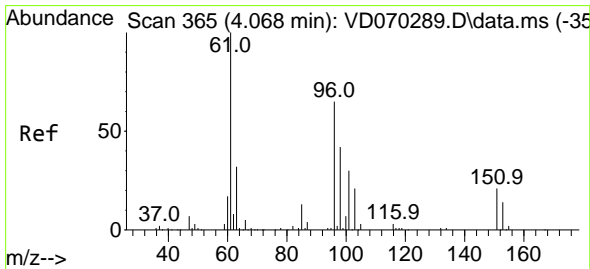
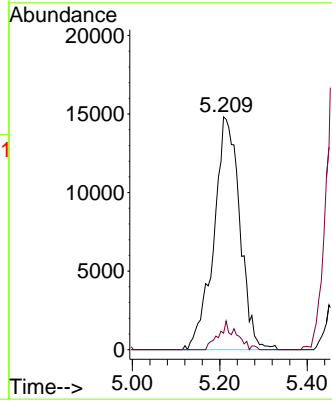
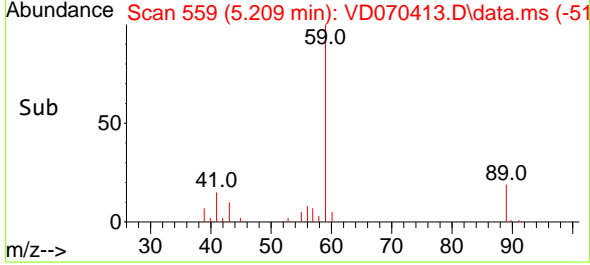
#11  
 Tert butyl alcohol  
 Concen: 118.895 ug/l  
 RT: 5.209 min Scan# 559  
 Delta R.T. -0.011 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

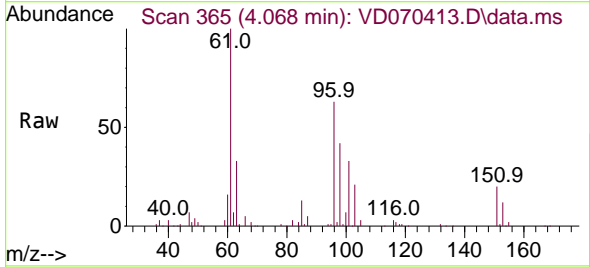


Tgt Ion: 59 Resp: 61313  
 Ion Ratio Lower Upper  
 59 100  
 57 5.3 0.0 0.0#

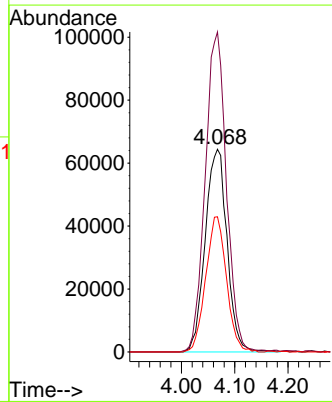
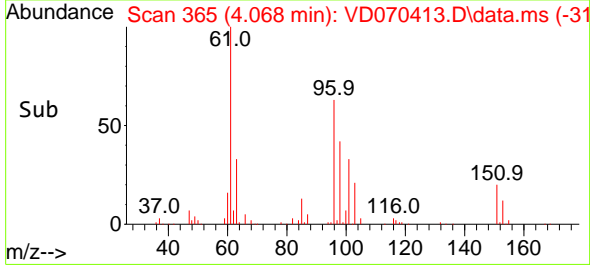
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/23/2021 11:04:04 AM

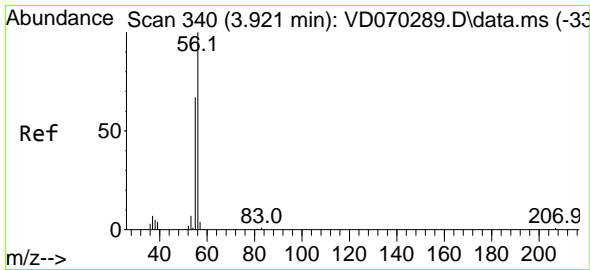


#12  
 1,1-Dichloroethene  
 Concen: 44.447 ug/l  
 RT: 4.068 min Scan# 365  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



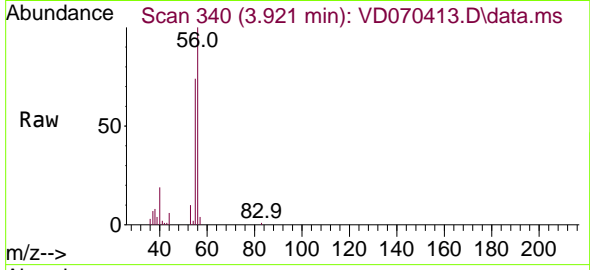
Tgt Ion: 96 Resp: 183802  
 Ion Ratio Lower Upper  
 96 100  
 61 157.8 123.2 184.8  
 98 66.7 51.9 77.9





#13  
 Acrolein  
 Concen: 198.902 ug/l  
 RT: 3.921 min Scan# 340  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

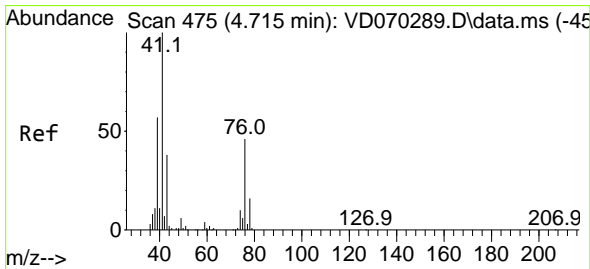
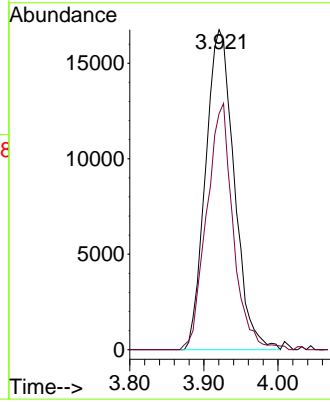
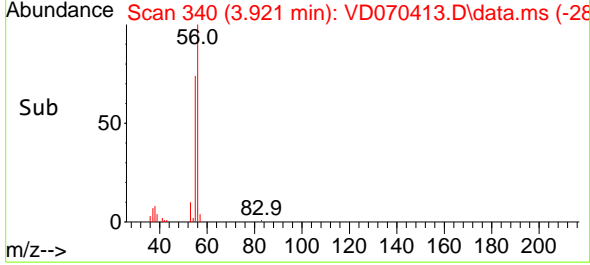
Instrument :  
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 ClientSampled :  
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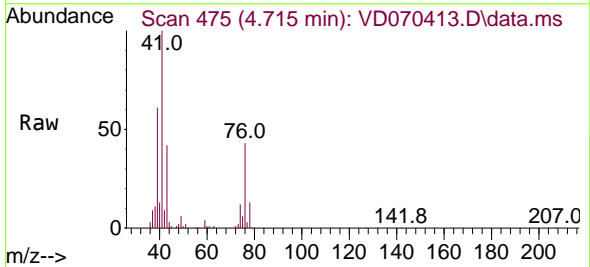
Tgt Ion: 56 Resp: 45097  
 Ion Ratio Lower Upper  
 56 100  
 55 71.3 54.2 81.2

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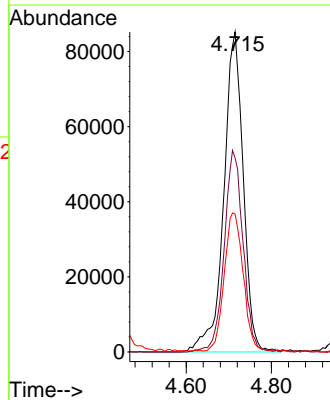
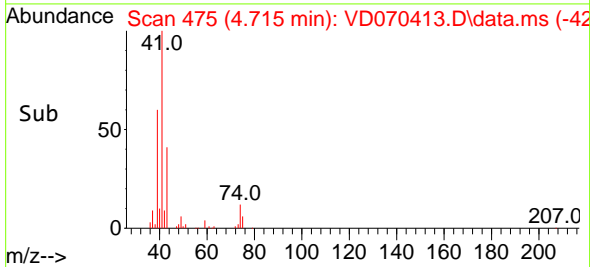
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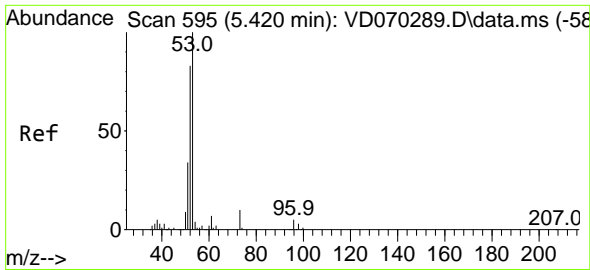


#14  
 Allyl chloride  
 Concen: 44.522 ug/l  
 RT: 4.715 min Scan# 475  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



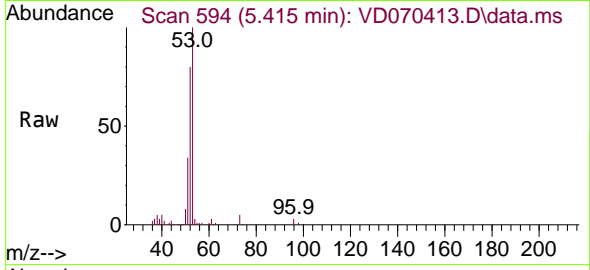
Tgt Ion: 41 Resp: 270551  
 Ion Ratio Lower Upper  
 41 100  
 39 60.8 46.2 69.4  
 76 41.7 34.1 51.1





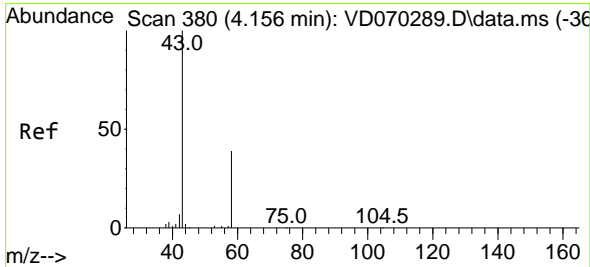
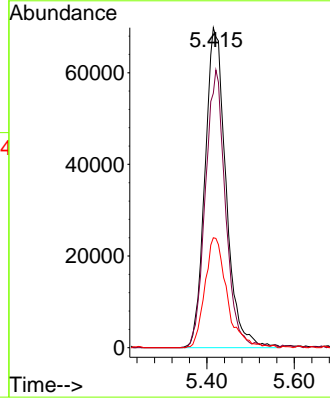
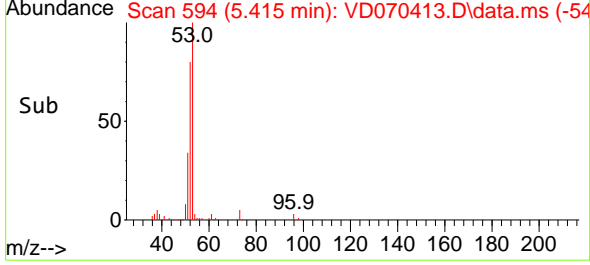
#15  
 Acrylonitrile  
 Concen: 239.833 ug/l  
 RT: 5.415 min Scan# 594  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

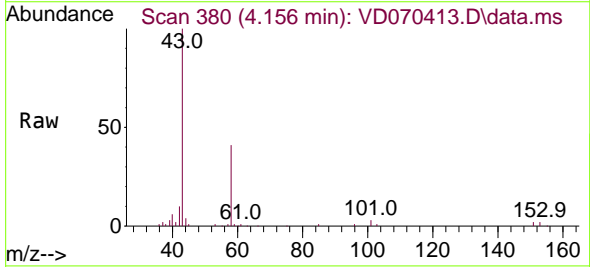


Tgt Ion: 53 Resp: 233505  
 Ion Ratio Lower Upper  
 53 100  
 52 82.4 64.6 97.0  
 51 36.2 27.8 41.8

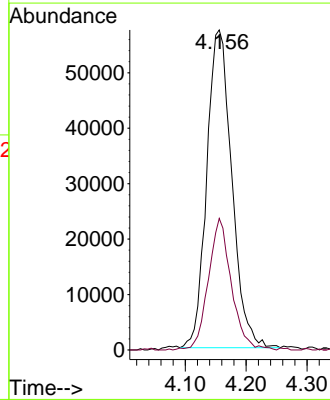
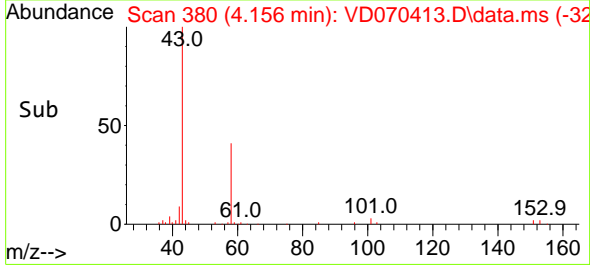
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**APPROVED**  
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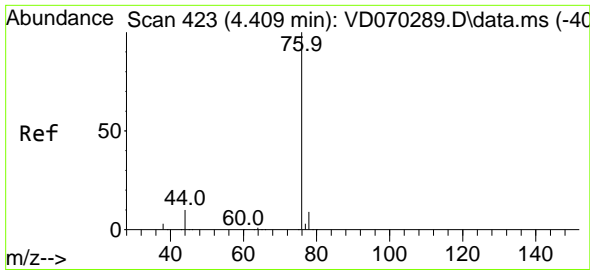


#16  
 Acetone  
 Concen: 201.300 ug/l  
 RT: 4.156 min Scan# 380  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



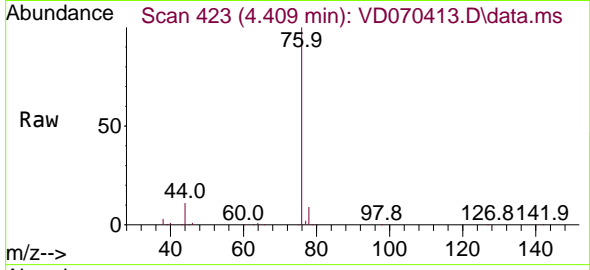
Tgt Ion: 43 Resp: 163914  
 Ion Ratio Lower Upper  
 43 100  
 58 40.8 30.9 46.3





#17  
 Carbon Disulfide  
 Concen: 43.034 ug/l  
 RT: 4.409 min Scan# 423  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

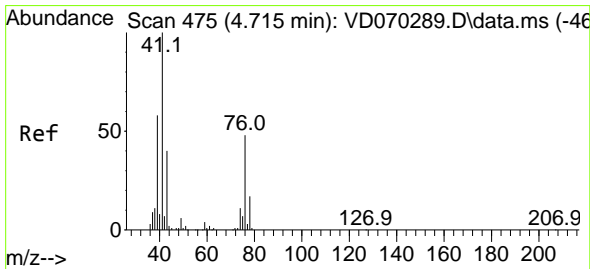
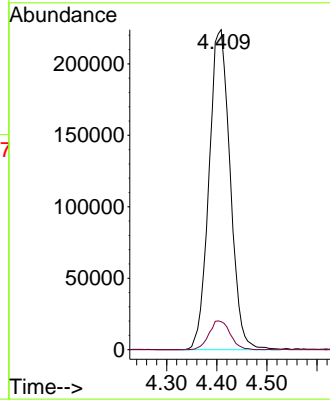
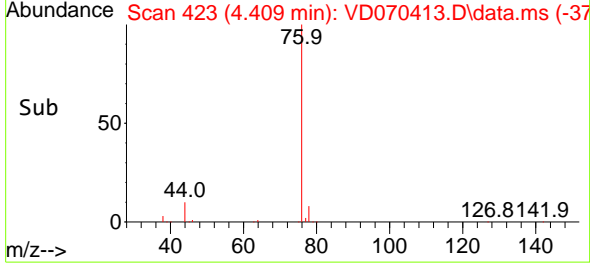
Instrument :  
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 ClientSampleId :  
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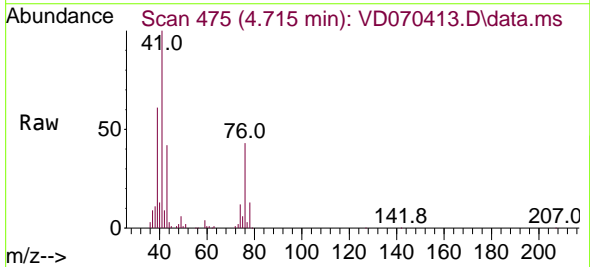
Tgt Ion: 76 Resp: 656598  
 Ion Ratio Lower Upper  
 76 100  
 78 8.7 7.5 11.3

Manual Integrations  
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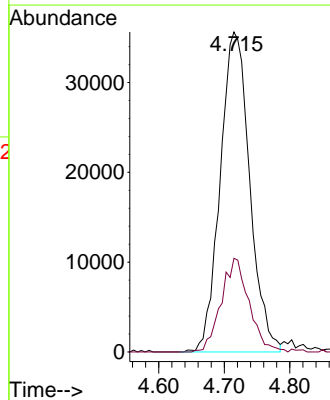
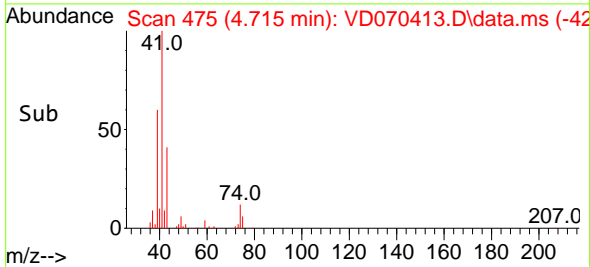
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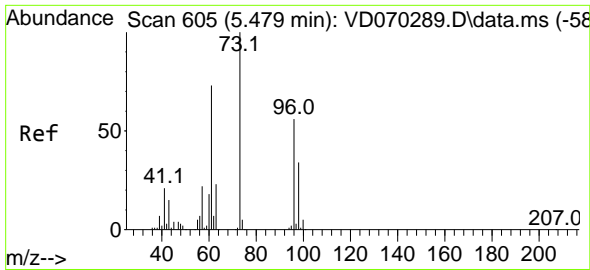


#18  
 Methyl Acetate  
 Concen: 49.906 ug/l  
 RT: 4.715 min Scan# 475  
 Delta R.T. -0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



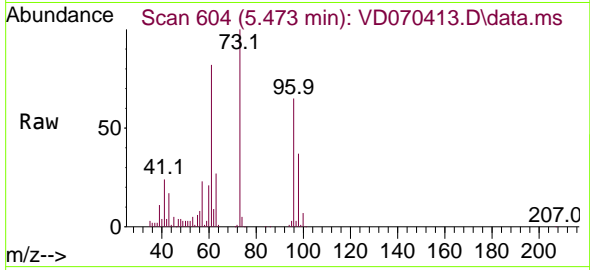
Tgt Ion: 43 Resp: 111534  
 Ion Ratio Lower Upper  
 43 100  
 74 27.6 21.6 32.4





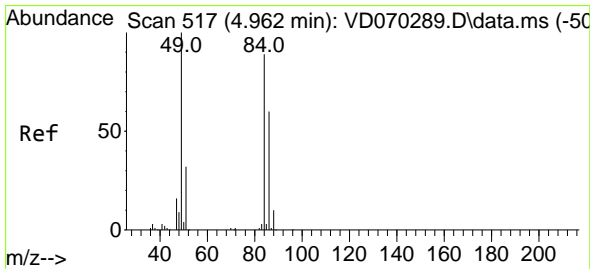
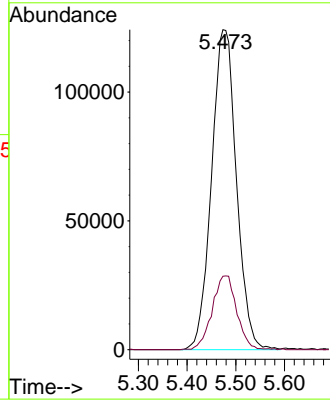
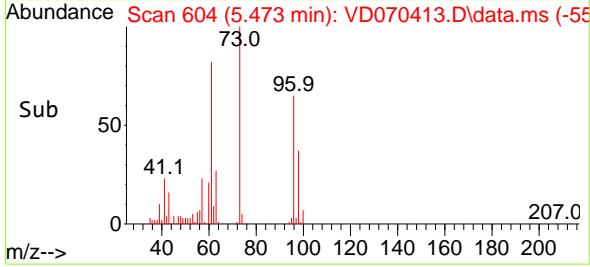
#19  
 Methyl tert-butyl Ether  
 Concen: 49.303 ug/l  
 RT: 5.473 min Scan# 604  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

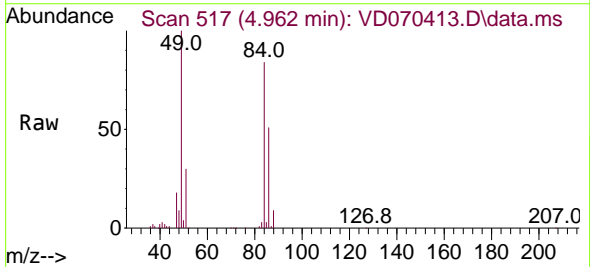


Tgt Ion: 73 Resp: 440604  
 Ion Ratio Lower Upper  
 73 100  
 57 23.0 17.7 26.5

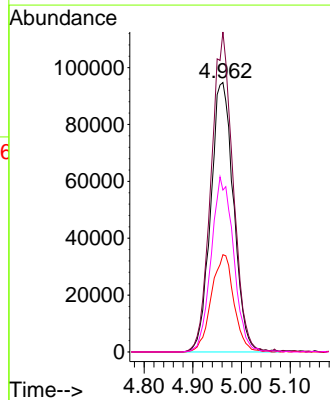
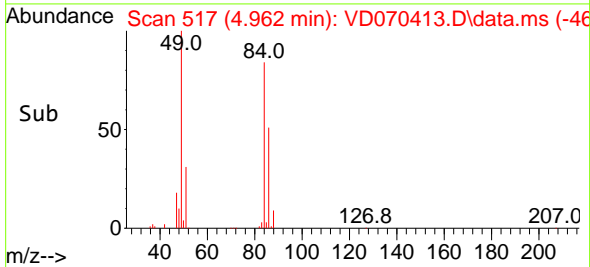
**Manual Integrations**  
**APPROVED**  
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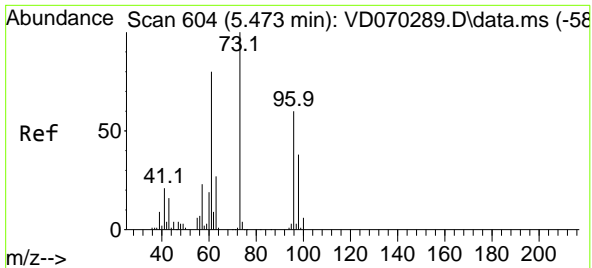


#20  
 Methylene Chloride  
 Concen: 62.753 ug/l  
 RT: 4.962 min Scan# 517  
 Delta R.T. -0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



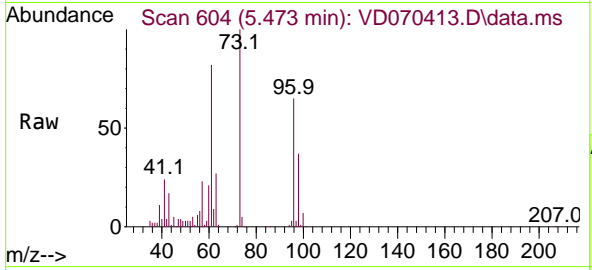
Tgt Ion: 84 Resp: 309000  
 Ion Ratio Lower Upper  
 84 100  
 49 118.8 89.6 134.4  
 51 36.1 28.6 43.0  
 86 60.1 53.5 80.3





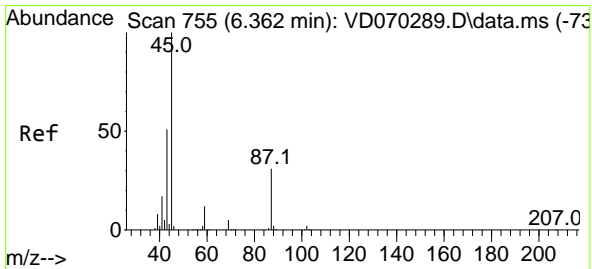
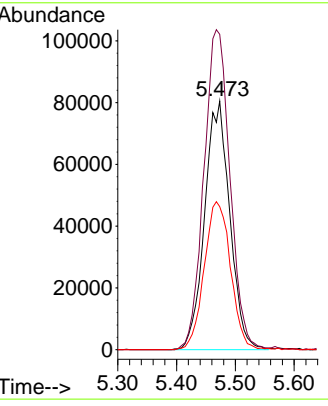
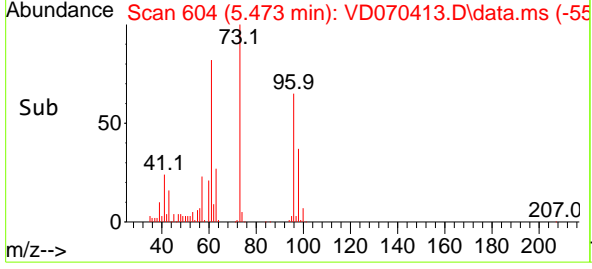
#21  
 trans-1,2-Dichloroethene  
 Concen: 48.611 ug/l  
 RT: 5.473 min Scan# 604  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

Instrument : MSVOA\_D  
 ClientSampleId : VSTDCCC050EC

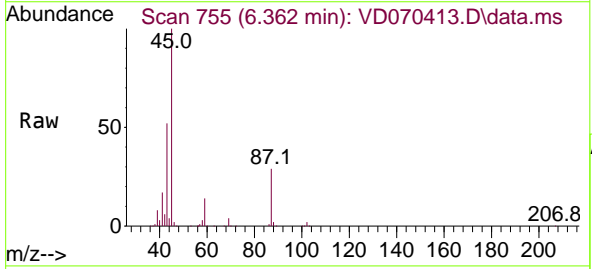


Tgt Ion: 96 Resp: 239295  
 Ion Ratio Lower Upper  
 96 100  
 61 126.8 106.0 159.0  
 98 57.5 50.5 75.7

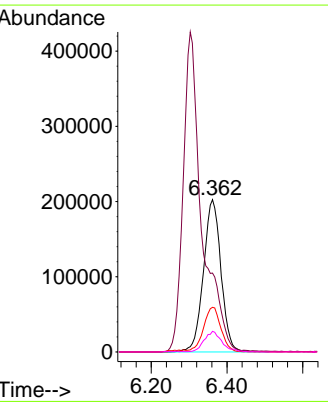
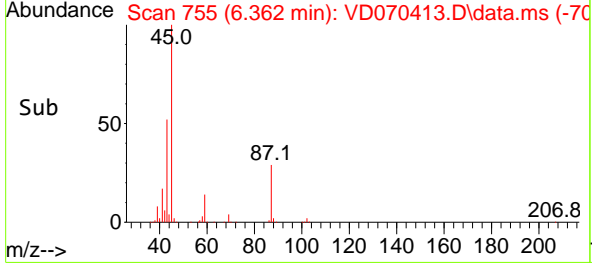
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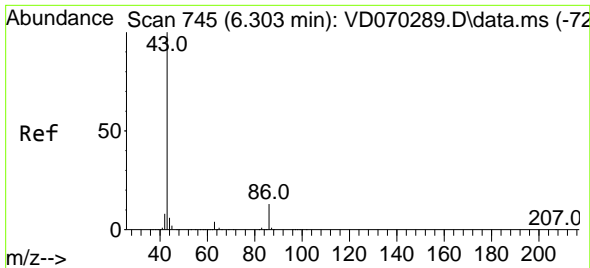


#22  
 Diisopropyl ether  
 Concen: 50.191 ug/l  
 RT: 6.362 min Scan# 755  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



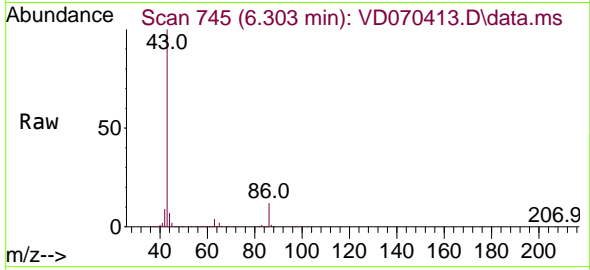
Tgt Ion: 45 Resp: 652805  
 Ion Ratio Lower Upper  
 45 100  
 43 51.4 41.1 61.7  
 87 29.3 24.6 36.8  
 59 13.5 9.9 14.9





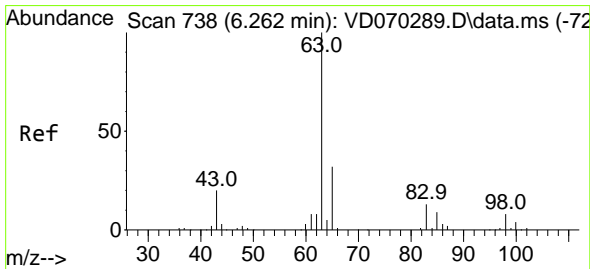
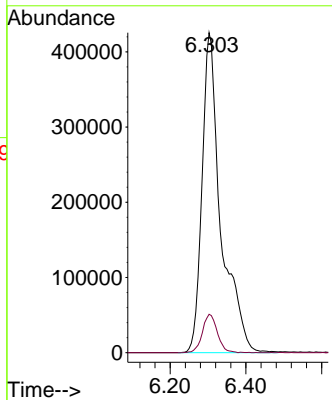
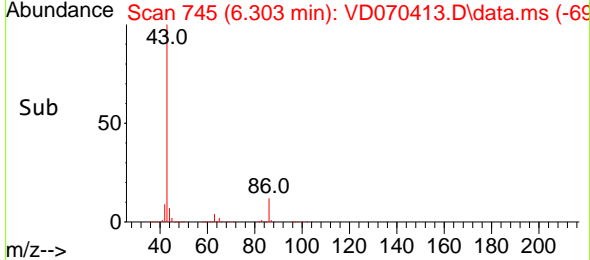
#23  
 Vinyl Acetate  
 Concen: 243.994 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

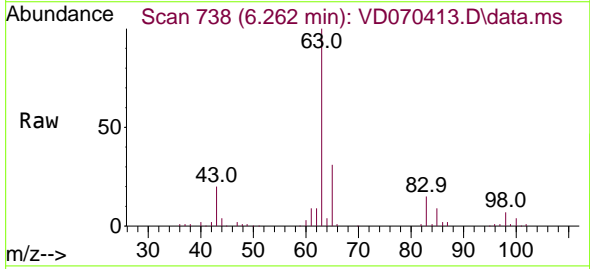


Tgt Ion: 43 Resp: 1470170  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 10.2 15.4

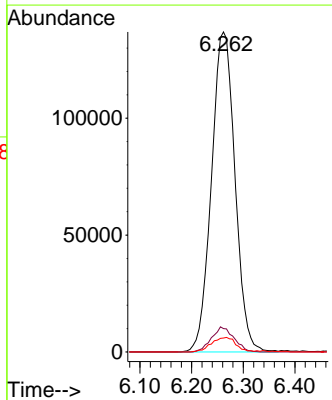
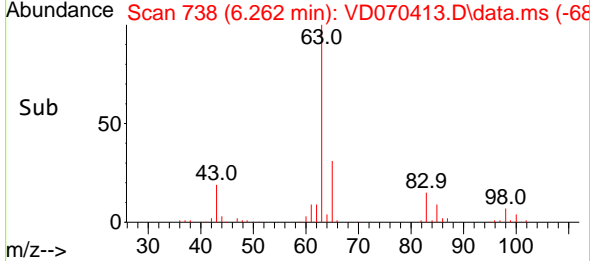
**Manual Integrations**  
**APPROVED**  
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 9/23/2021 11:04:04 AM



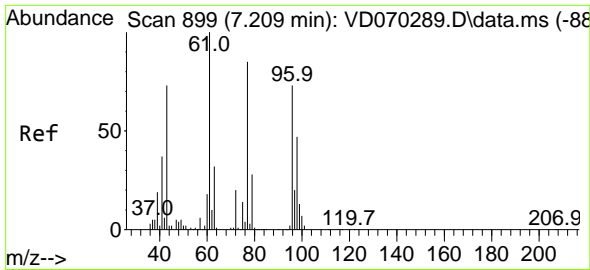
#24  
 1,1-Dichloroethane  
 Concen: 47.054 ug/l  
 RT: 6.262 min Scan# 738  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion: 63 Resp: 433027  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 4.2 12.4  
 100 4.4 2.0 5.8

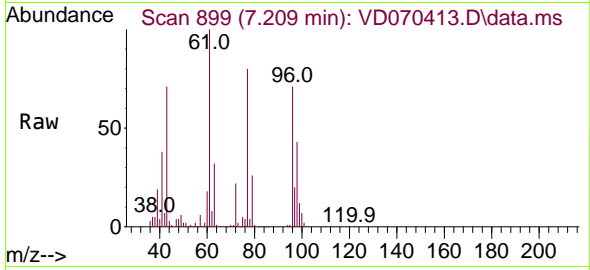






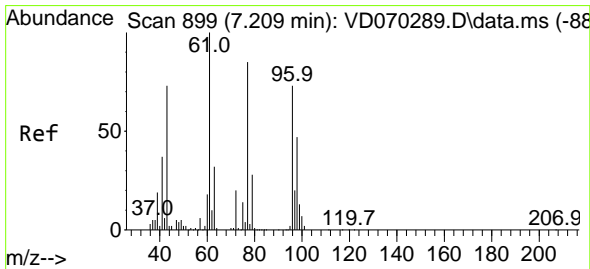
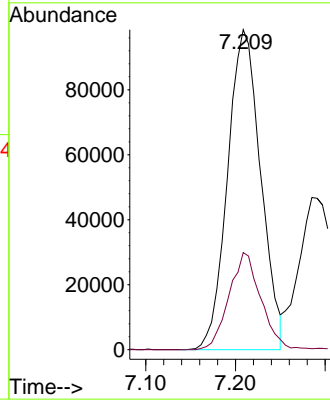
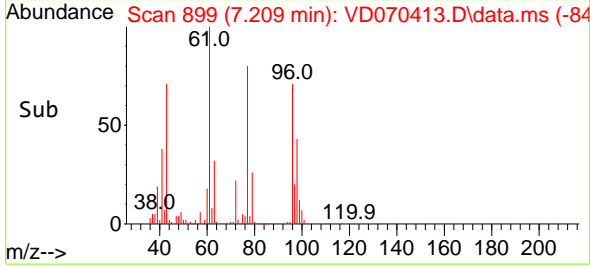
#25  
 2-Butanone  
 Concen: 232.724 ug/l  
 RT: 7.209 min Scan# 899  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**Client Sampled :**  
 VSTDCCC050EC

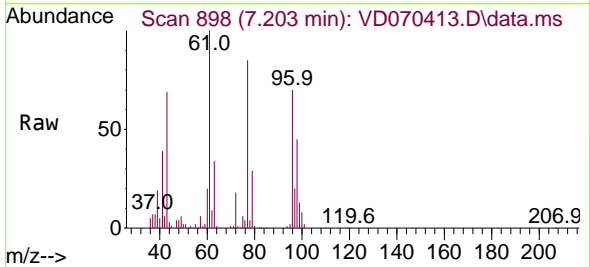


Tgt Ion: 43 Resp: 252257  
 Ion Ratio Lower Upper  
 43 100  
 72 30.4 22.2 33.4

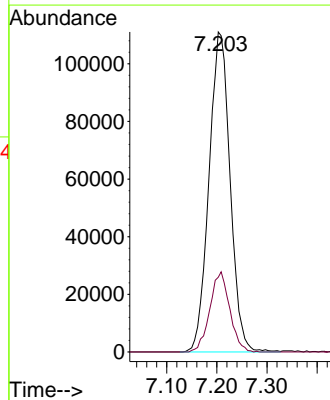
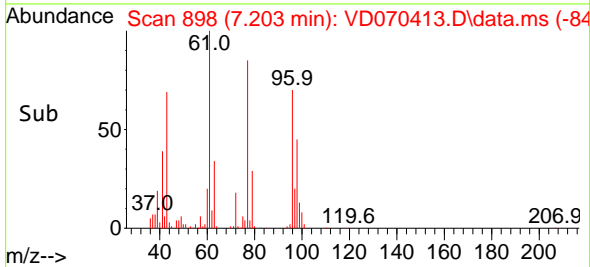
**Manual Integrations**  
**APPROVED**  
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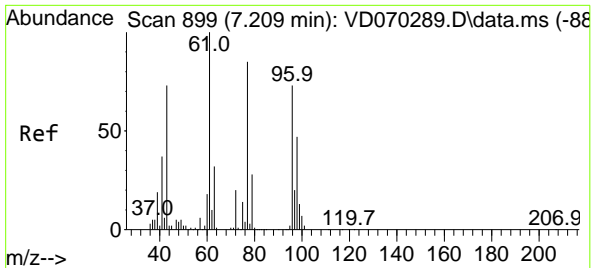


#26  
 2,2-Dichloropropane  
 Concen: 43.623 ug/l  
 RT: 7.203 min Scan# 898  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



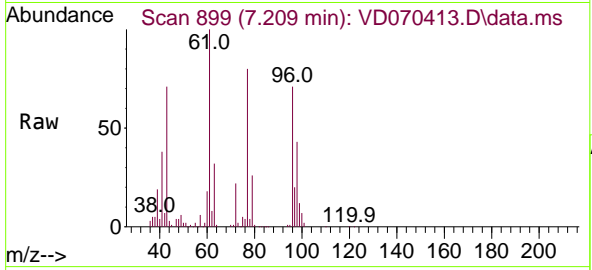
Tgt Ion: 77 Resp: 324493  
 Ion Ratio Lower Upper  
 77 100  
 97 23.6 11.9 35.9





#27  
 cis-1,2-Dichloroethene  
 Concen: 48.528 ug/l  
 RT: 7.209 min Scan# 899  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

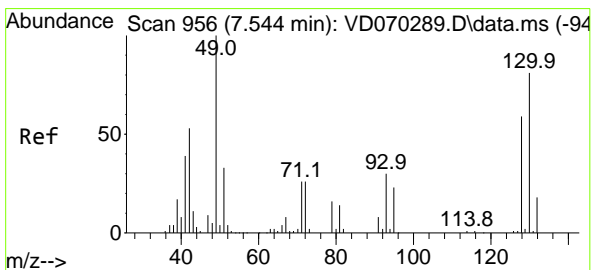
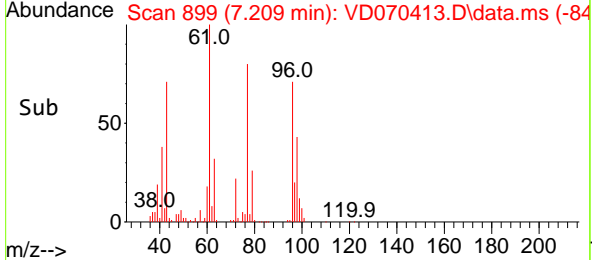
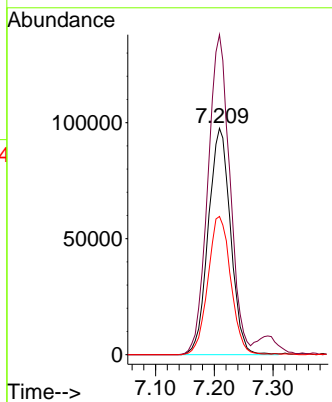
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC



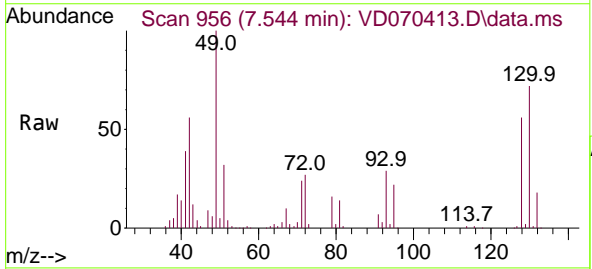
Tgt Ion: 96 Resp: 256616

Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	277.4
98	62.5	0.0	130.0

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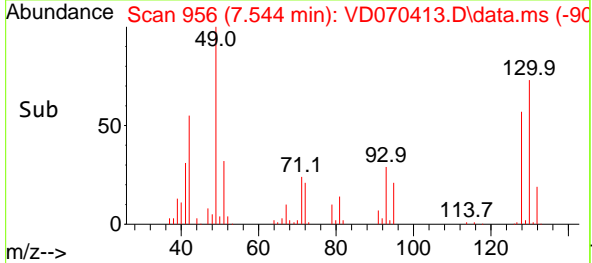
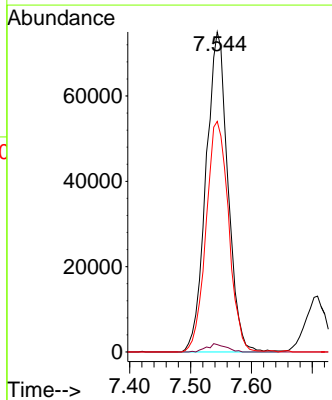


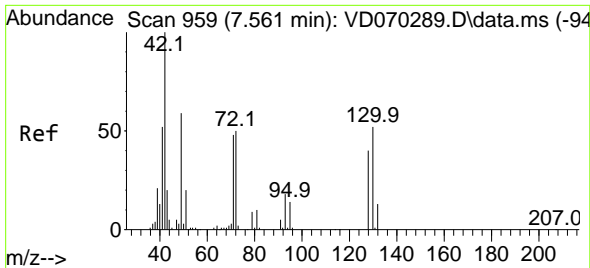
#28  
 Bromochloromethane  
 Concen: 51.203 ug/l  
 RT: 7.544 min Scan# 956  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion: 49 Resp: 186963

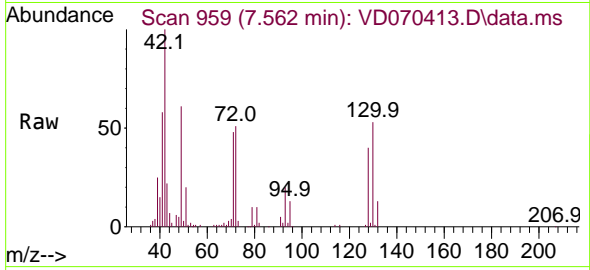
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	74.5	65.0	97.6





#29  
 Tetrahydrofuran  
 Concen: 252.689 ug/l  
 RT: 7.562 min Scan# 959  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

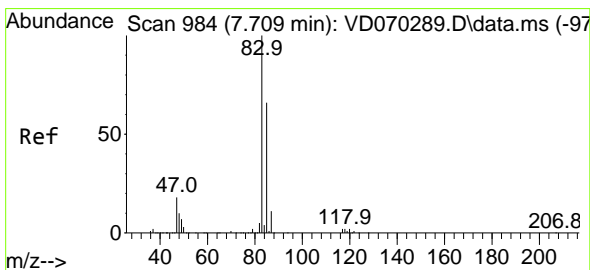
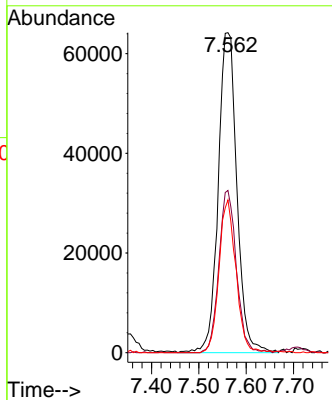
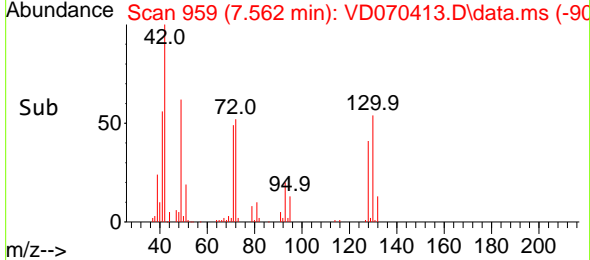
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC



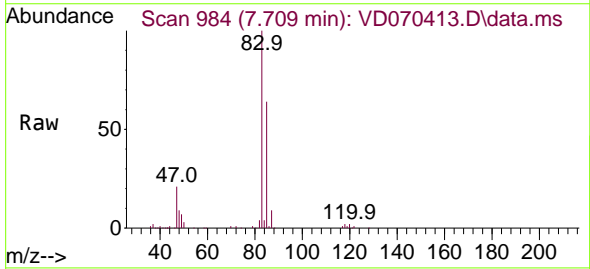
Tgt Ion: 42 Resp: 175825

Ion	Ratio	Lower	Upper
42	100		
72	47.6	38.8	58.2
71	43.4	37.8	56.6

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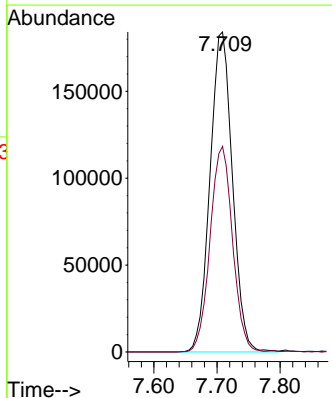
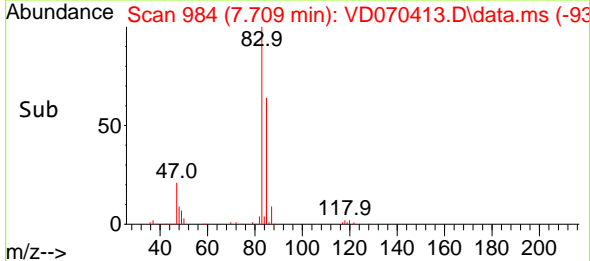


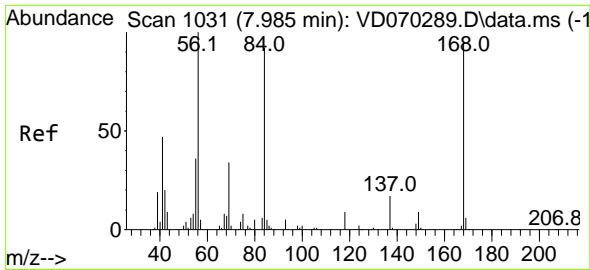
#30  
 Chloroform  
 Concen: 48.133 ug/l  
 RT: 7.709 min Scan# 984  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion: 83 Resp: 454120

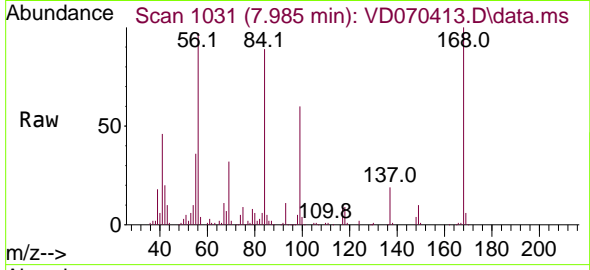
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7





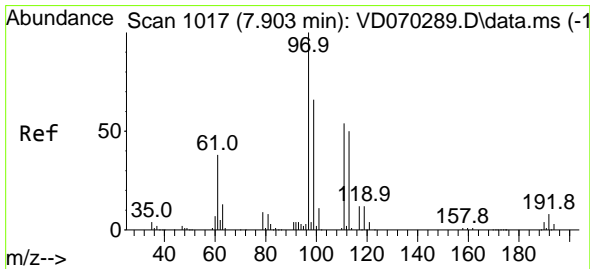
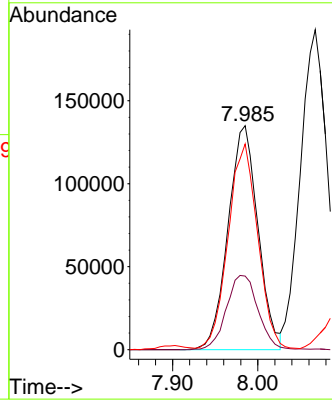
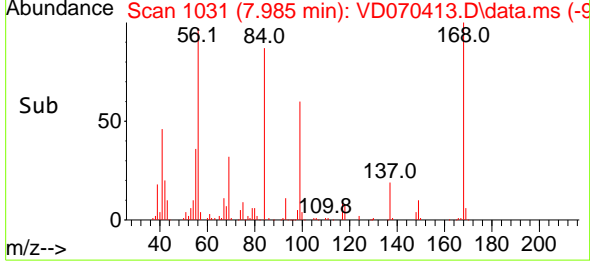
#31  
 Cyclohexane  
 Concen: 41.882 ug/l  
 RT: 7.985 min Scan# 1031  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampleId :**  
 VSTDCCC050EC

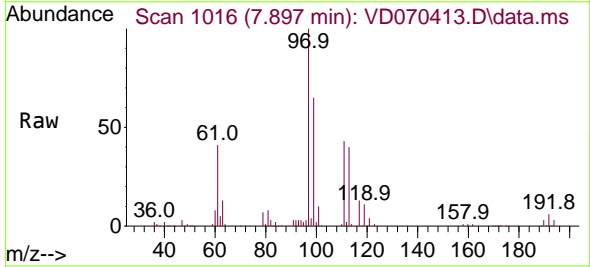


Tgt Ion: 56 Resp: 329048  
 Ion Ratio Lower Upper  
 56 100  
 69 32.9 26.9 40.3  
 84 90.3 73.6 110.4

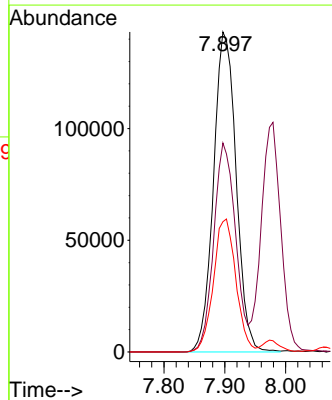
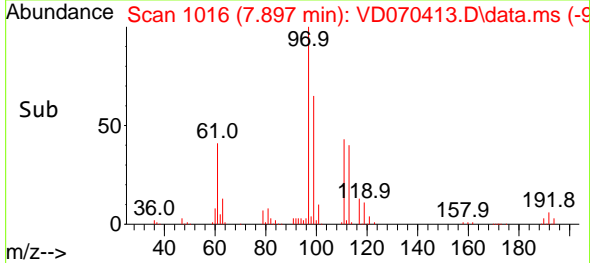
**Manual Integrations**  
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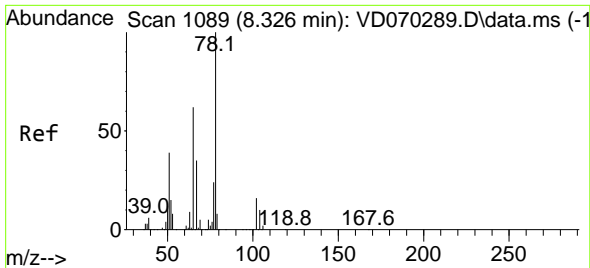


#32  
 1,1,1-Trichloroethane  
 Concen: 46.573 ug/l  
 RT: 7.897 min Scan# 1016  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
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Tgt Ion: 97 Resp: 369838  
 Ion Ratio Lower Upper  
 97 100  
 99 63.0 51.1 76.7  
 61 41.2 31.4 47.0



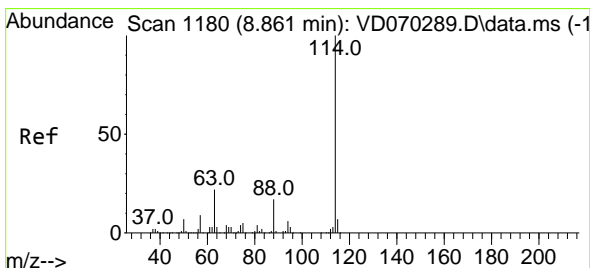
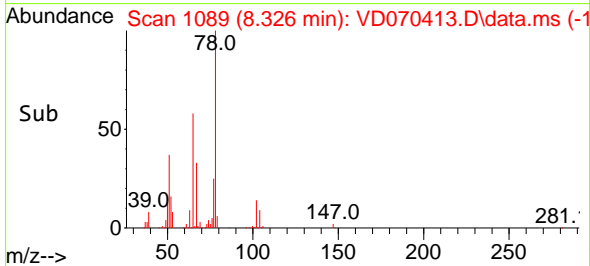
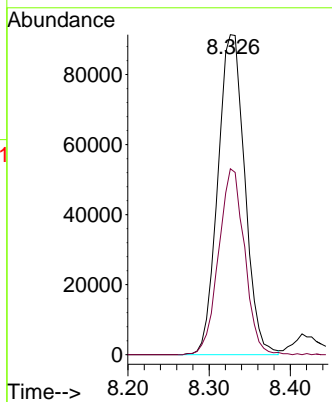
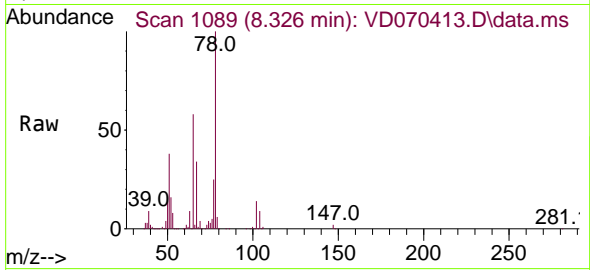


#33  
 1,2-Dichloroethane-d4  
 Concen: 46.232 ug/l  
 RT: 8.326 min Scan# 1089  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

Tgt Ion: 65 Resp: 210858  
 Ion Ratio Lower Upper  
 65 100  
 67 56.0 0.0 111.4

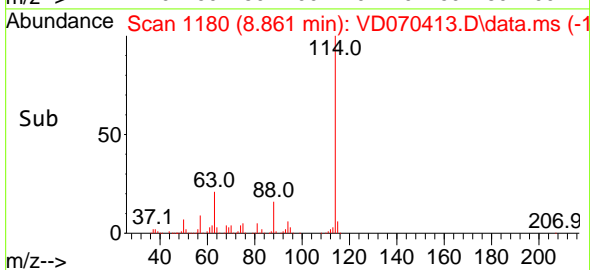
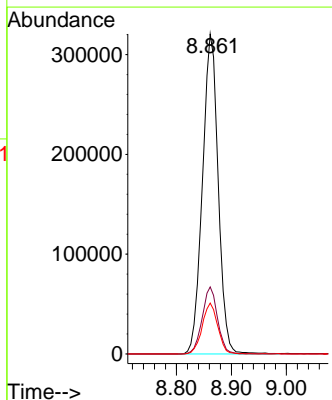
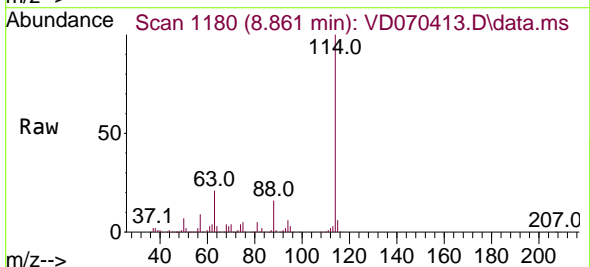
Instrument : MSVOA\_D  
 ClientSampled : VSTDCCC050EC

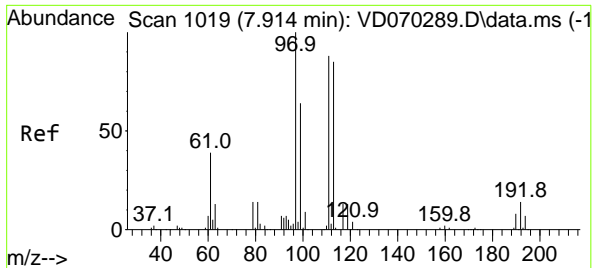
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.861 min Scan# 1180  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

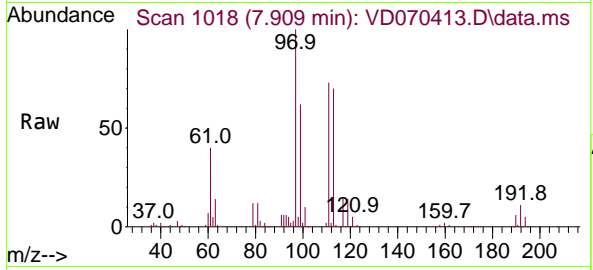
Tgt Ion: 114 Resp: 638341  
 Ion Ratio Lower Upper  
 114 100  
 63 20.9 0.0 43.4  
 88 15.9 0.0 33.4





#35  
 Dibromofluoromethane  
 Concen: 48.167 ug/l  
 RT: 7.909 min Scan# 1018  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

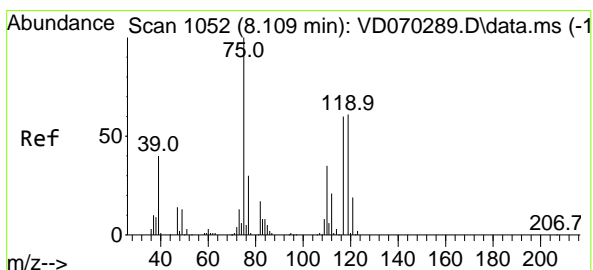
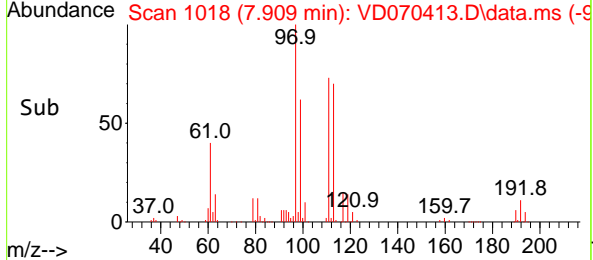
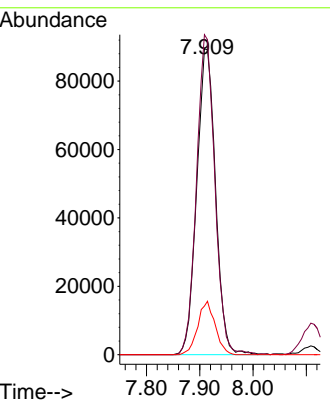
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC



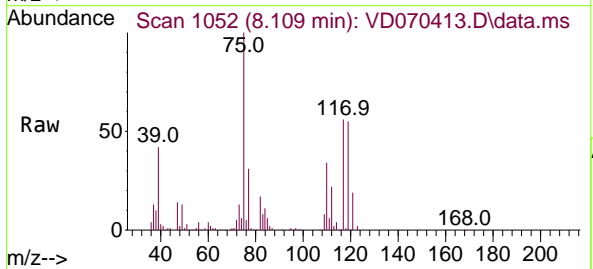
Tgt Ion:113 Resp: 218863

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.2
192	16.2	13.0	19.6

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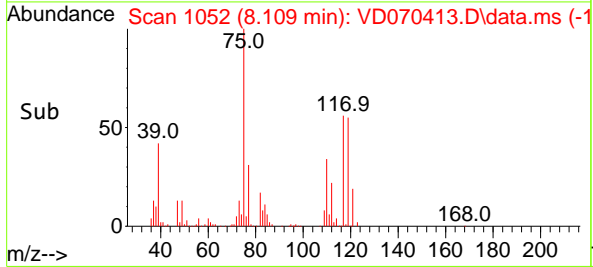
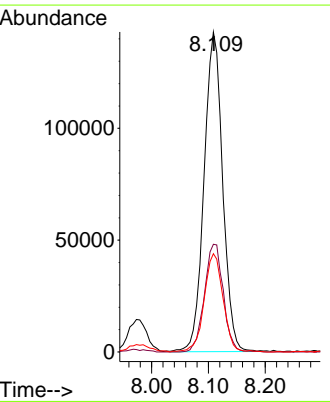


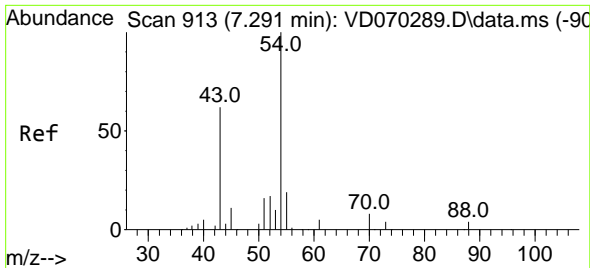
#36  
 1,1-Dichloropropene  
 Concen: 47.698 ug/l  
 RT: 8.109 min Scan# 1052  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion: 75 Resp: 325447

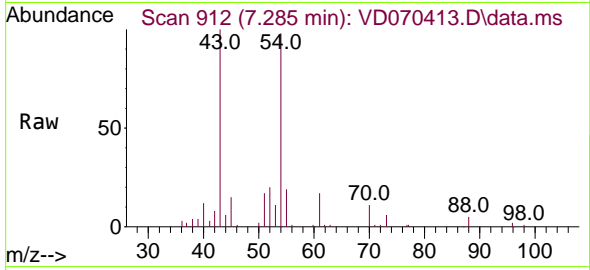
Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.9	53.7
77	31.2	25.3	37.9





#37  
 Ethyl Acetate  
 Concen: 51.327 ug/l  
 RT: 7.285 min Scan# 912  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDC0050EC

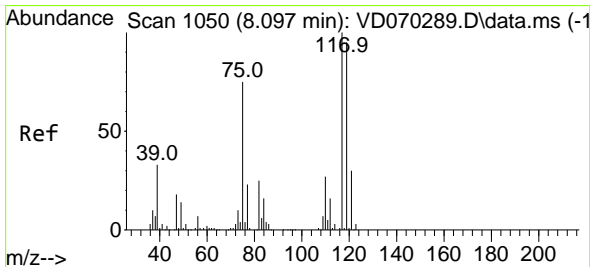
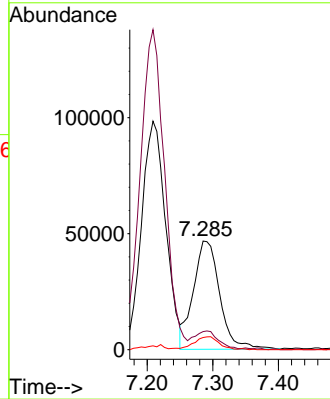
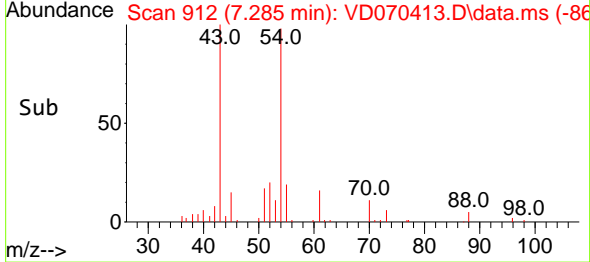


Tgt Ion: 43 Resp: 130956

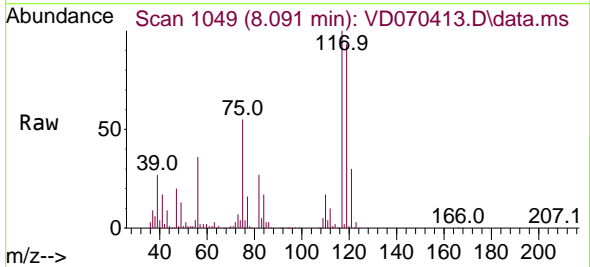
Ion	Ratio	Lower	Upper
43	100		
61	14.5	13.0	19.6
70	10.7	9.8	14.6

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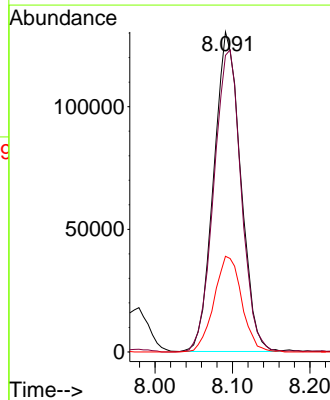
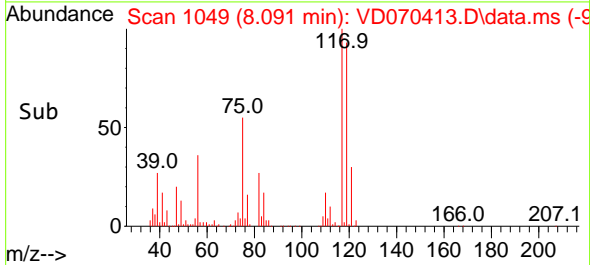


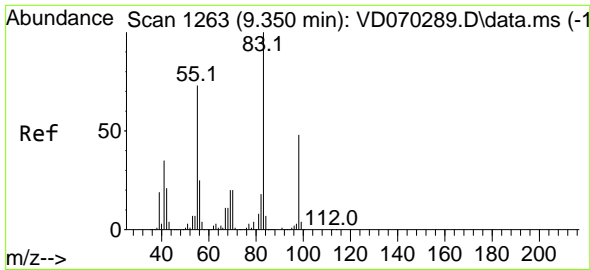
#38  
 Carbon Tetrachloride  
 Concen: 46.636 ug/l  
 RT: 8.091 min Scan# 1049  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion: 117 Resp: 314699

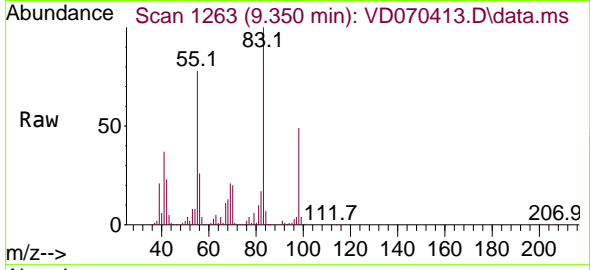
Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.1	114.1
121	29.9	23.8	35.6





#39  
 Methylcyclohexane  
 Concen: 43.882 ug/l  
 RT: 9.350 min Scan# 1263  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

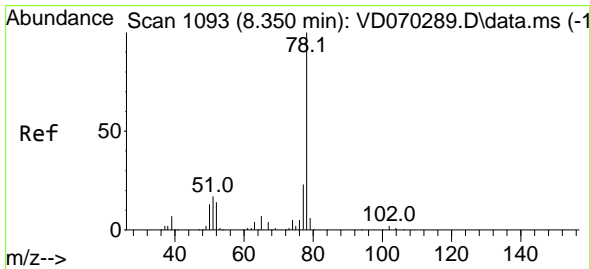
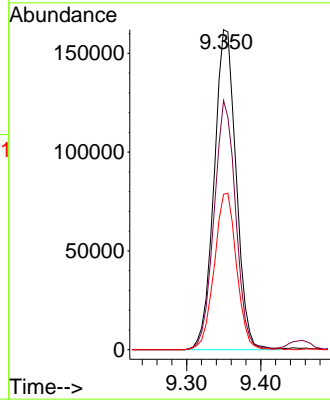
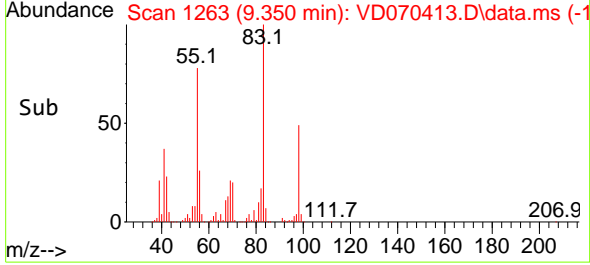
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC



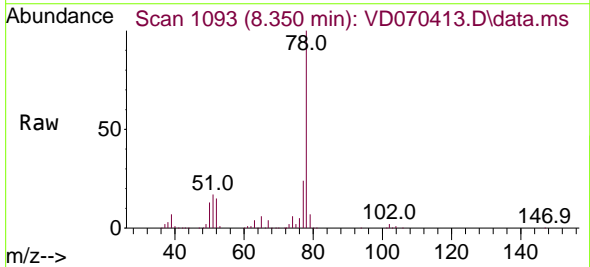
Tgt Ion: 83 Resp: 334484  
 Ion Ratio Lower Upper  
 83 100  
 55 77.8 58.5 87.7  
 98 48.5 38.4 57.6

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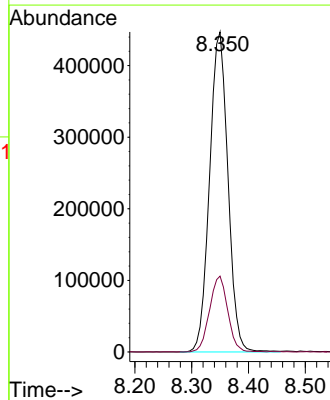
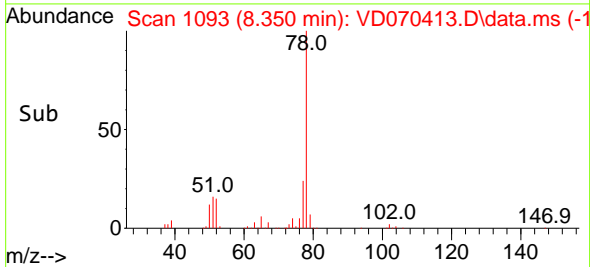
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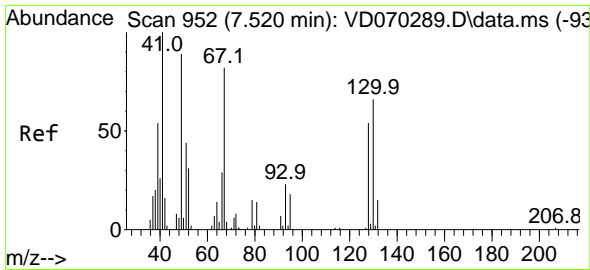
#40  
 Benzene  
 Concen: 50.029 ug/l  
 RT: 8.350 min Scan# 1093  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion: 78 Resp: 1000334  
 Ion Ratio Lower Upper  
 78 100  
 77 23.7 18.4 27.6

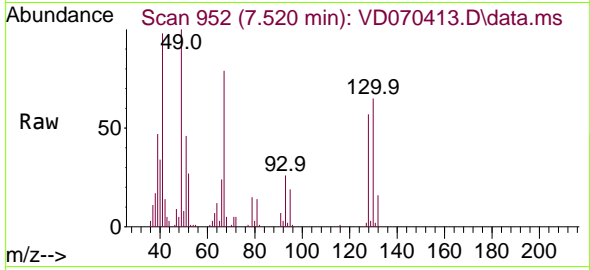






#41  
 Methacrylonitrile  
 Concen: 47.960 ug/l  
 RT: 7.520 min Scan# 952  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

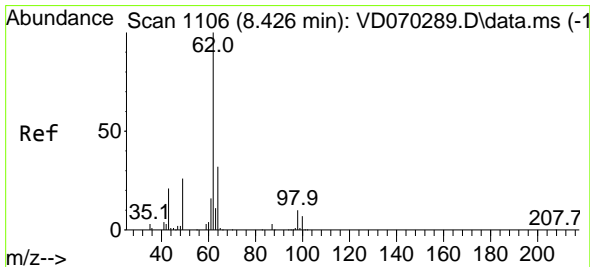
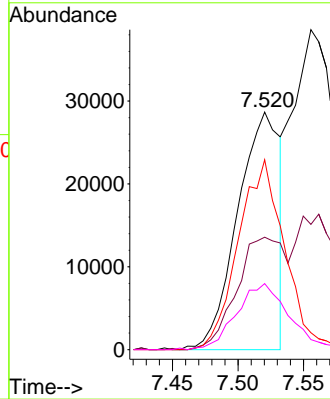
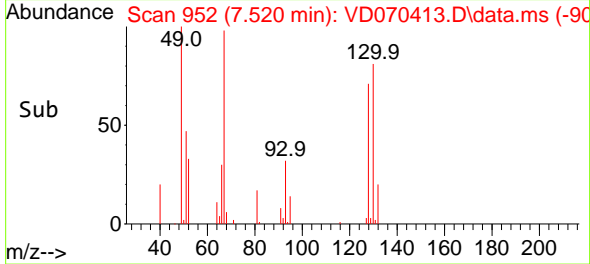
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDCCC050EC



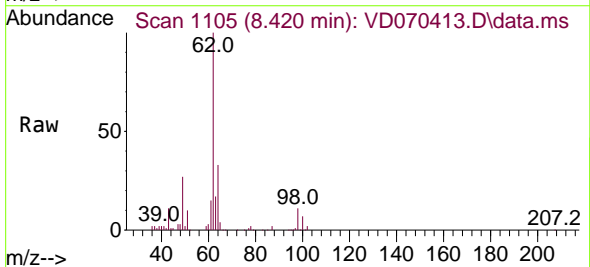
Tgt Ion: 41 Resp: 64380  
 Ion Ratio Lower Upper  
 41 100  
 39 54.6 45.7 68.5  
 67 88.0 74.0 111.0  
 52 34.3 28.2 42.4

Manual Integrations  
 APPROVED

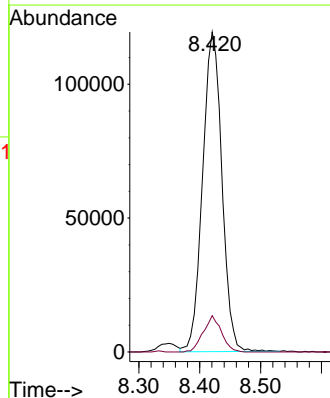
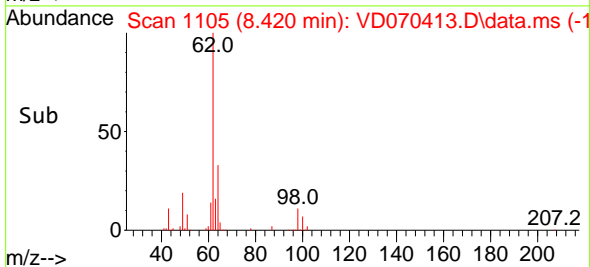
MMDadoda  
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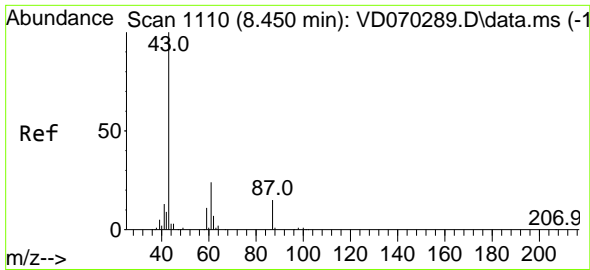


#42  
 1,2-Dichloroethane  
 Concen: 49.043 ug/l  
 RT: 8.420 min Scan# 1105  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



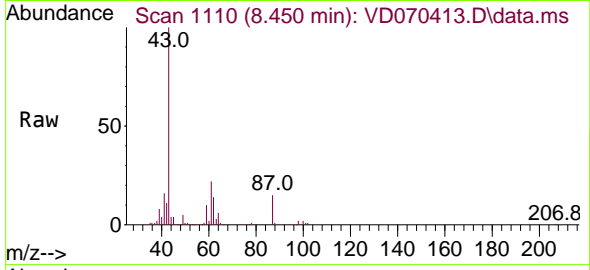
Tgt Ion: 62 Resp: 262641  
 Ion Ratio Lower Upper  
 62 100  
 98 10.7 0.0 22.4





#43  
 Isopropyl Acetate  
 Concen: 47.509 ug/l  
 RT: 8.450 min Scan# 1110  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

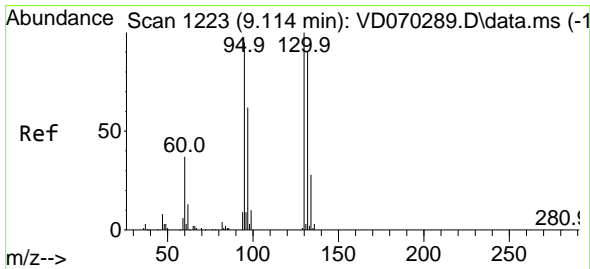
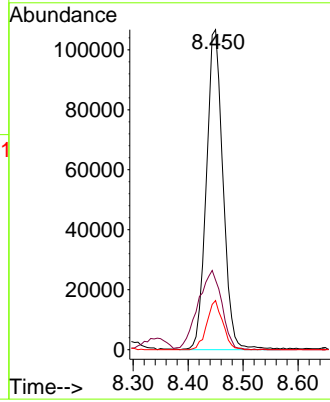
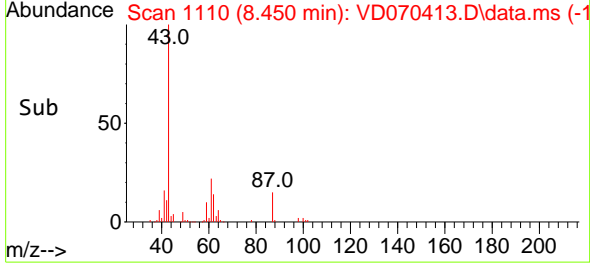
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDCCC050EC



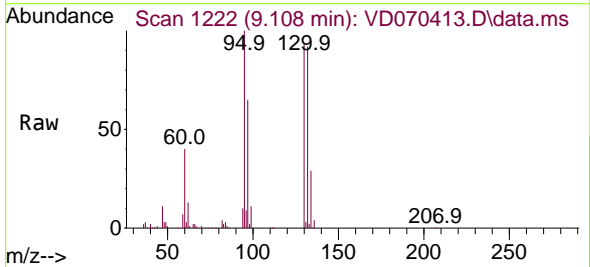
Tgt Ion: 43 Resp: 224125  
 Ion Ratio Lower Upper  
 43 100  
 61 35.5 29.0 43.6  
 87 14.7 12.8 19.2

Manual Integrations  
 APPROVED

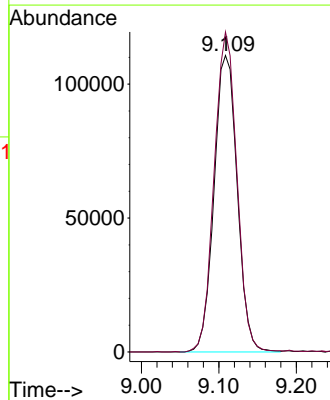
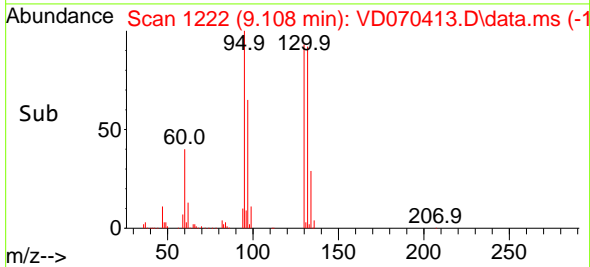
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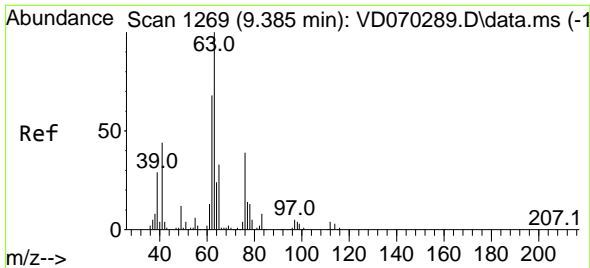


#44  
 Trichloroethene  
 Concen: 48.183 ug/l  
 RT: 9.108 min Scan# 1222  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



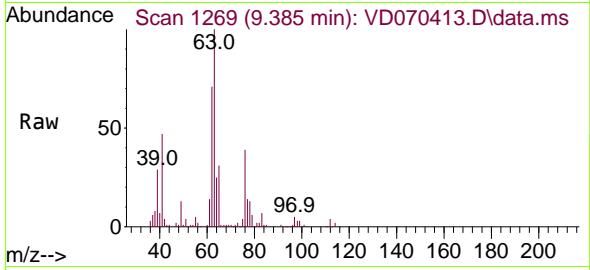
Tgt Ion: 130 Resp: 230252  
 Ion Ratio Lower Upper  
 130 100  
 95 107.9 0.0 190.0





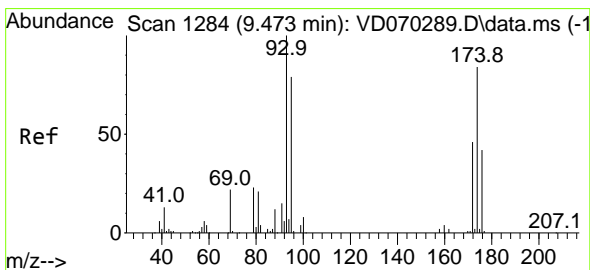
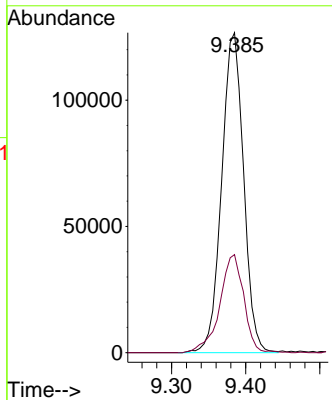
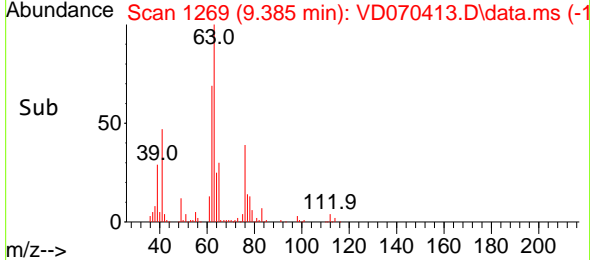
#45  
 1,2-Dichloropropane  
 Concen: 49.627 ug/l  
 RT: 9.385 min Scan# 1269  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

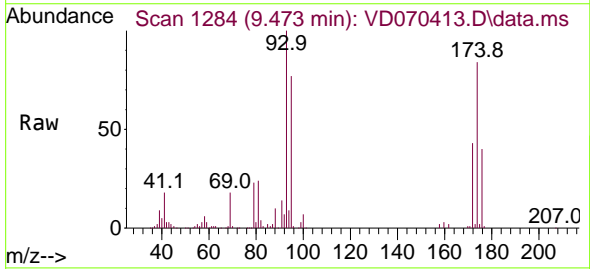


Tgt Ion: 63 Resp: 260339  
 Ion Ratio Lower Upper  
 63 100  
 65 30.6 26.2 39.2

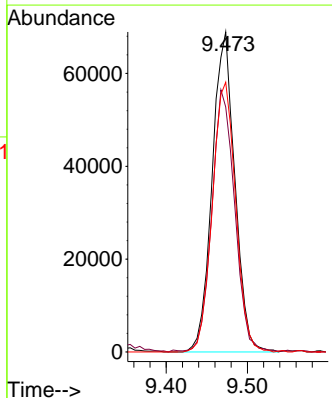
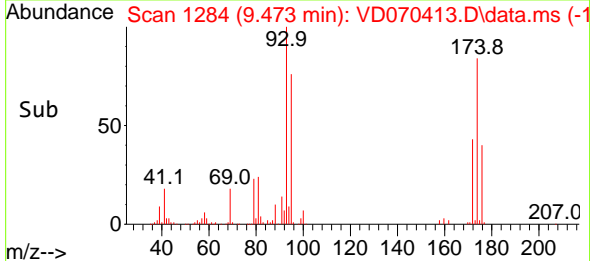
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/23/2021 11:04:04 AM

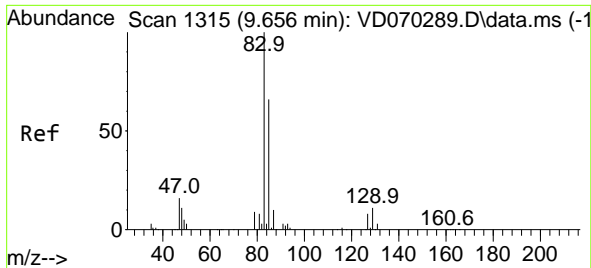


#46  
 Dibromomethane  
 Concen: 49.449 ug/l  
 RT: 9.473 min Scan# 1284  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



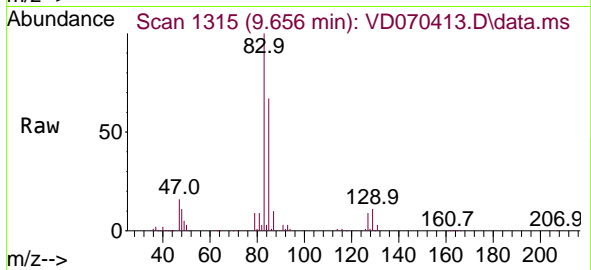
Tgt Ion: 93 Resp: 133580  
 Ion Ratio Lower Upper  
 93 100  
 95 83.1 67.3 100.9  
 174 87.0 69.2 103.8





#47  
 Bromodichloromethane  
 Concen: 49.216 ug/l  
 RT: 9.656 min Scan# 1315  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

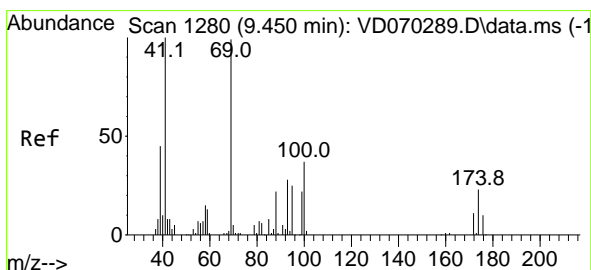
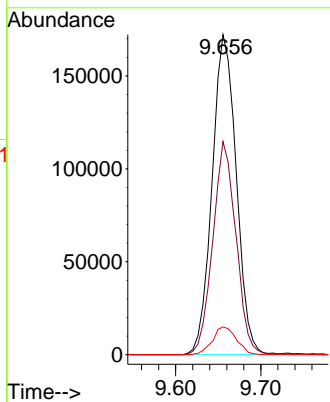
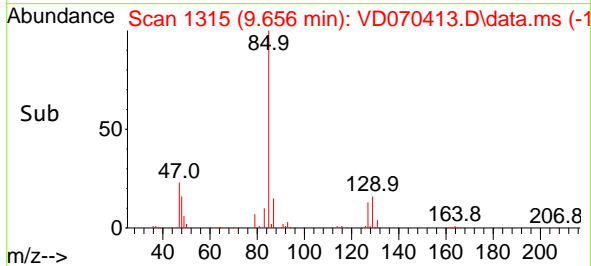
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 VSTDCCC050EC



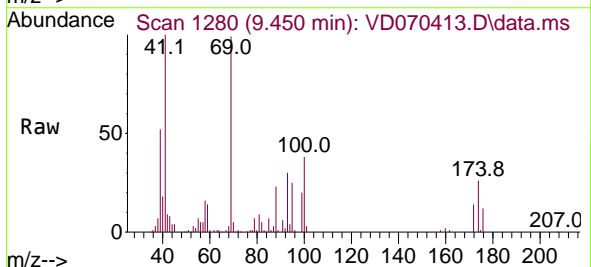
Tgt Ion: 83 Resp: 339177  
 Ion Ratio Lower Upper  
 83 100  
 85 66.6 53.0 79.6  
 127 8.7 6.3 9.5

Manual Integrations  
 APPROVED

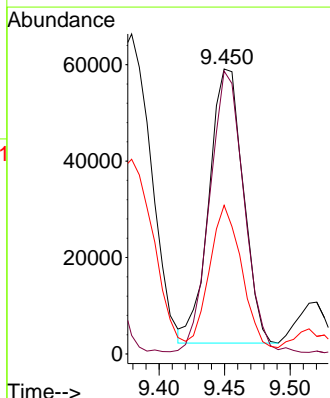
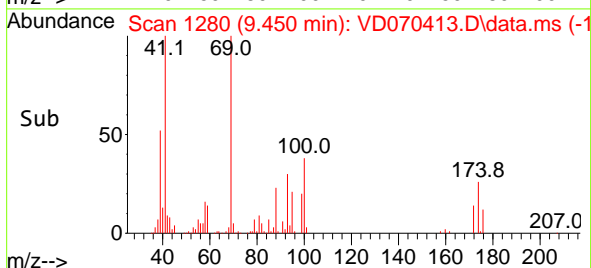
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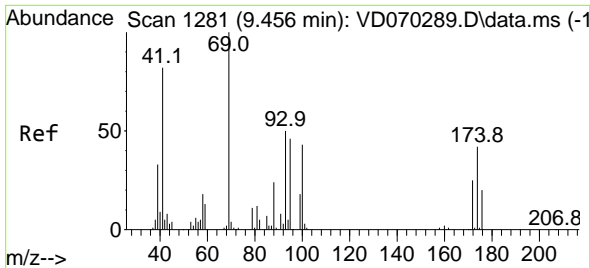


#48  
 Methyl methacrylate  
 Concen: 47.276 ug/l  
 RT: 9.450 min Scan# 1280  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



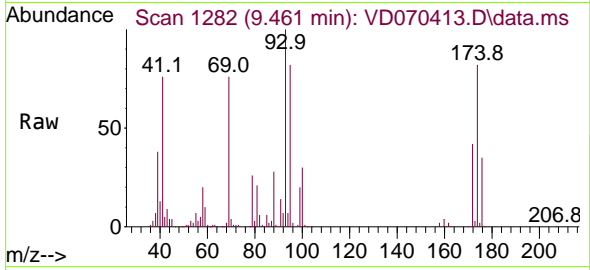
Tgt Ion: 41 Resp: 102973  
 Ion Ratio Lower Upper  
 41 100  
 69 103.7 79.8 119.8  
 39 52.8 34.4 51.6#





#49  
 1,4-Dioxane  
 Concen: 1099.944 ug/l  
 RT: 9.461 min Scan# 1282  
 Delta R.T. 0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

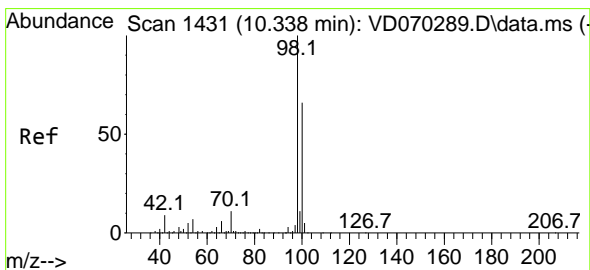
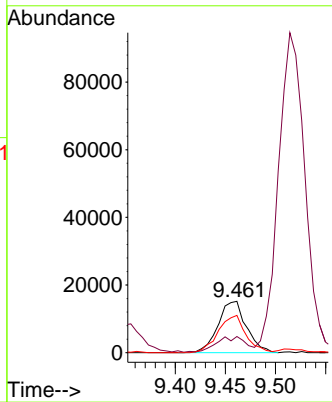
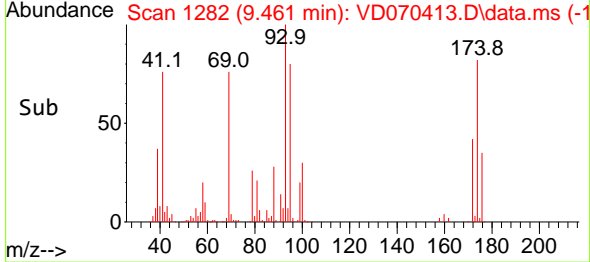
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC



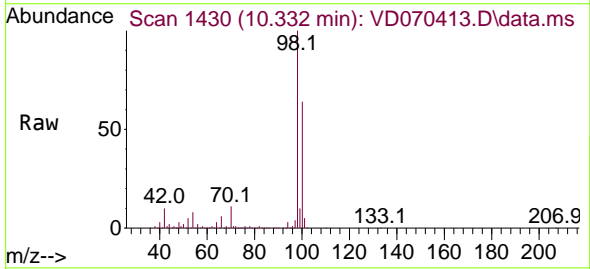
Tgt Ion: 88 Resp: 29761

Ion	Ratio	Lower	Upper
88	100		
43	30.0	22.4	33.6
58	71.2	54.2	81.4

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/23/2021 11:04:04 AM

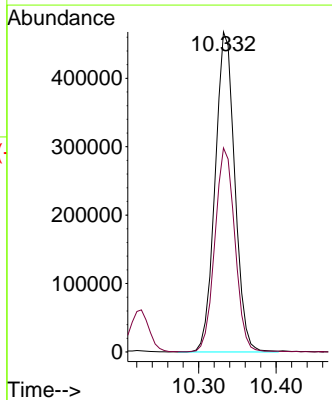
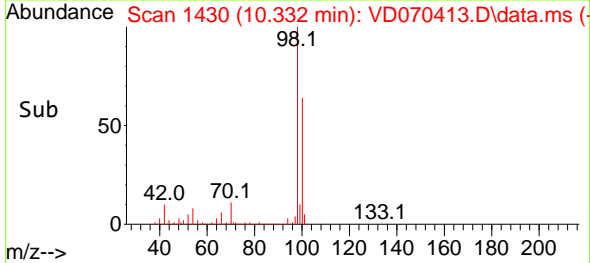


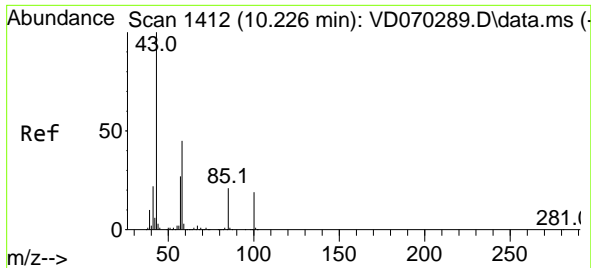
#50  
 Toluene-d8  
 Concen: 50.082 ug/l  
 RT: 10.332 min Scan# 1430  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion: 98 Resp: 826216

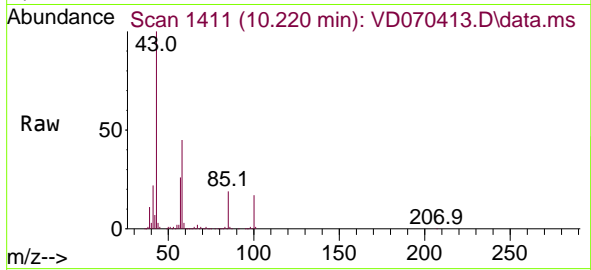
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0





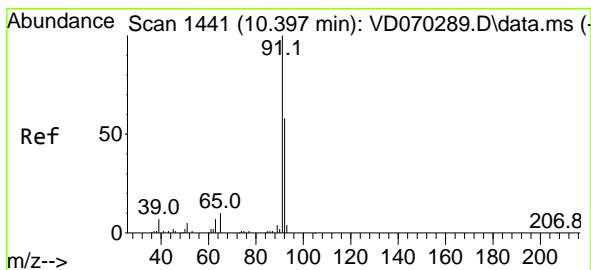
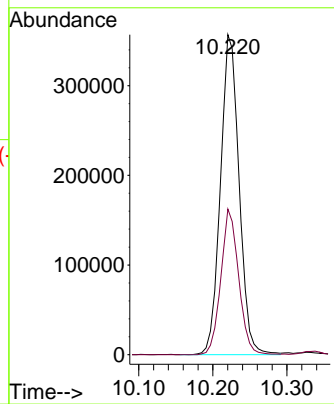
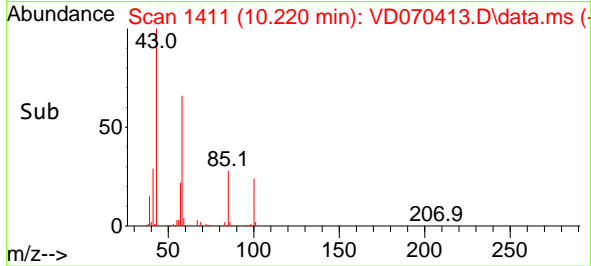
#51  
 4-Methyl-2-Pentanone  
 Concen: 255.697 ug/l  
 RT: 10.220 min Scan# 1411  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

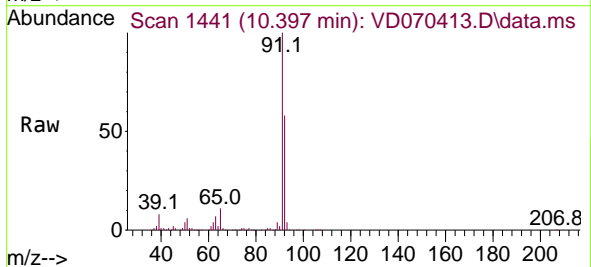


Tgt Ion: 43 Resp: 624186  
 Ion Ratio Lower Upper  
 43 100  
 58 43.4 35.4 53.2

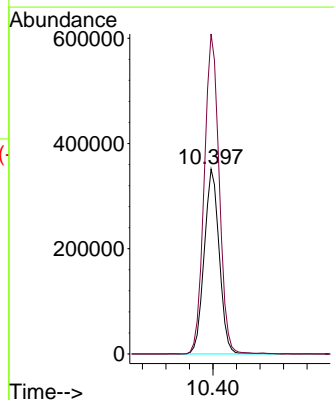
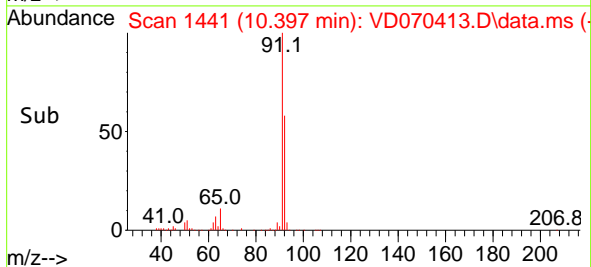
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/23/2021 11:04:04 AM

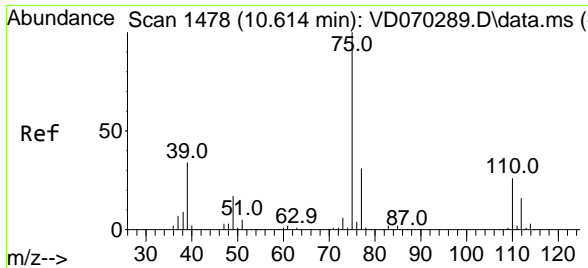


#52  
 Toluene  
 Concen: 51.494 ug/l  
 RT: 10.397 min Scan# 1441  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



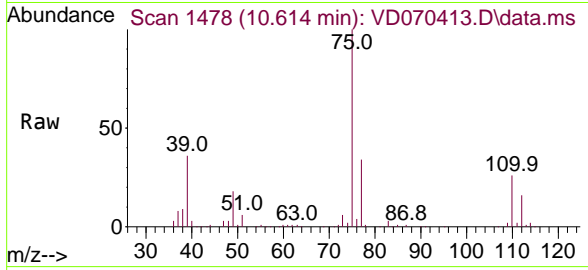
Tgt Ion: 92 Resp: 622130  
 Ion Ratio Lower Upper  
 92 100  
 91 172.0 136.2 204.2





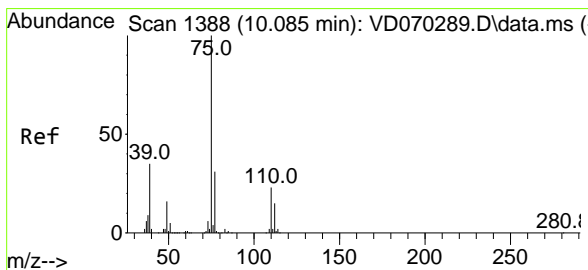
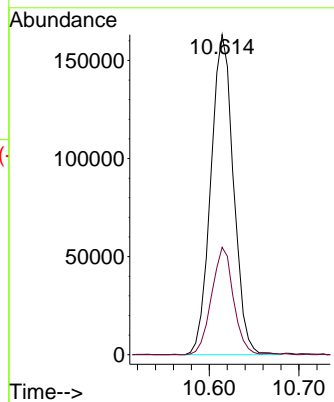
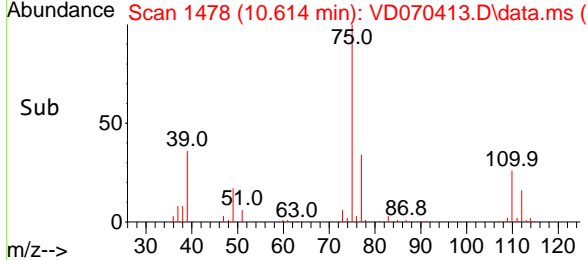
#53  
 t-1,3-Dichloropropene  
 Concen: 48.252 ug/l  
 RT: 10.614 min Scan# 1478  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

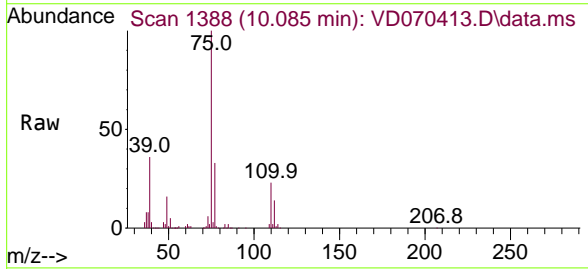


Tgt Ion: 75 Resp: 286047  
 Ion Ratio Lower Upper  
 75 100  
 77 33.6 24.6 37.0

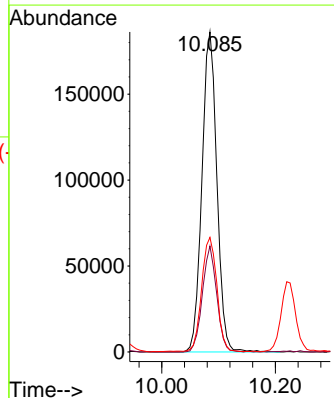
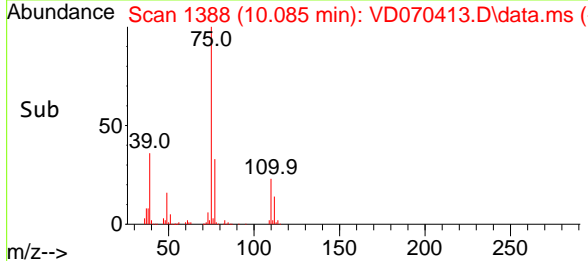
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/23/2021 11:04:04 AM

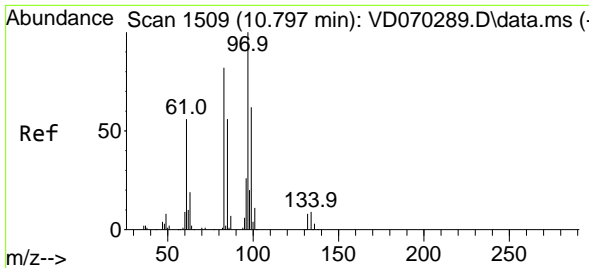


#54  
 cis-1,3-Dichloropropene  
 Concen: 47.056 ug/l  
 RT: 10.085 min Scan# 1388  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



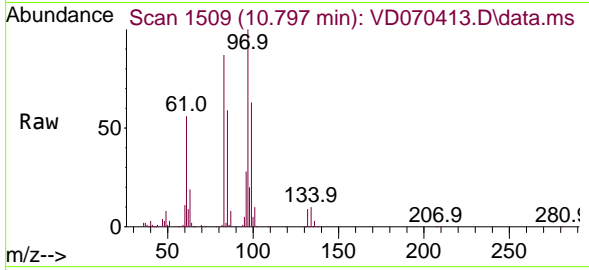
Tgt Ion: 75 Resp: 339494  
 Ion Ratio Lower Upper  
 75 100  
 77 33.1 24.8 37.2  
 39 35.5 27.8 41.6





#55  
 1,1,2-Trichloroethane  
 Concen: 50.719 ug/l  
 RT: 10.797 min Scan# 1509  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

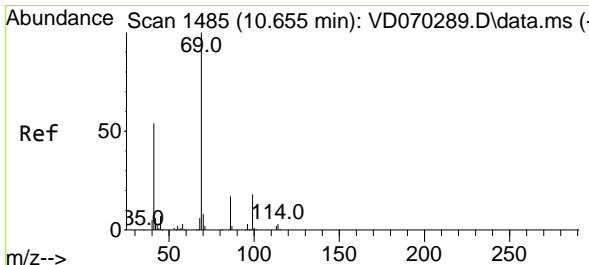
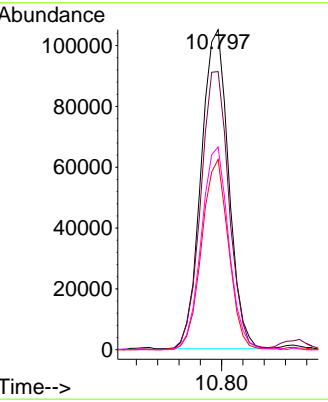
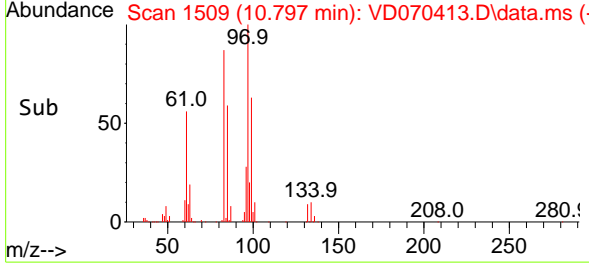
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC



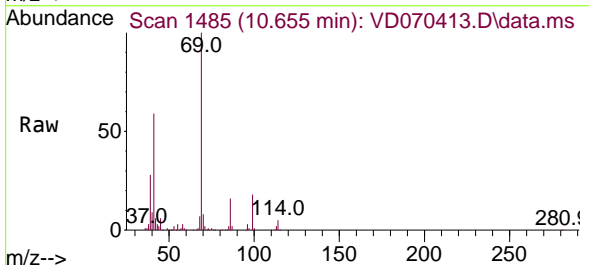
Tgt Ion: 97 Resp: 188483

Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.3	97.9
85	59.4	44.8	67.2
99	63.6	49.7	74.5

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/23/2021 11:04:04 AM

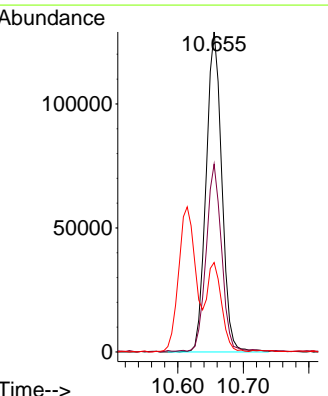
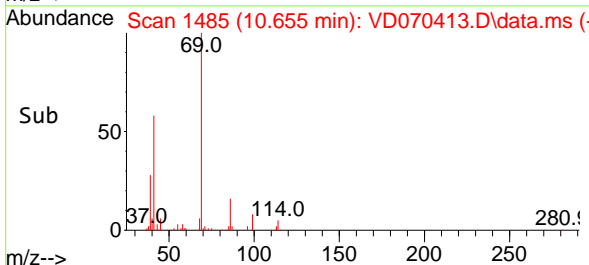


#56  
 Ethyl methacrylate  
 Concen: 52.568 ug/l  
 RT: 10.655 min Scan# 1485  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

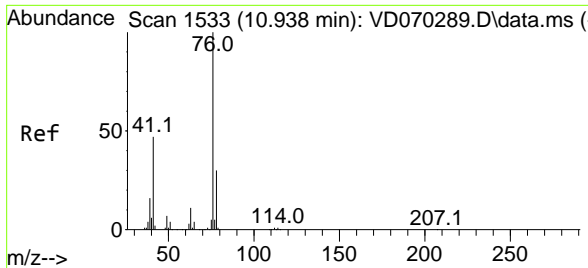


Tgt Ion: 69 Resp: 213260

Ion	Ratio	Lower	Upper
69	100		
41	57.0	43.6	65.4
39	25.4	18.6	28.0

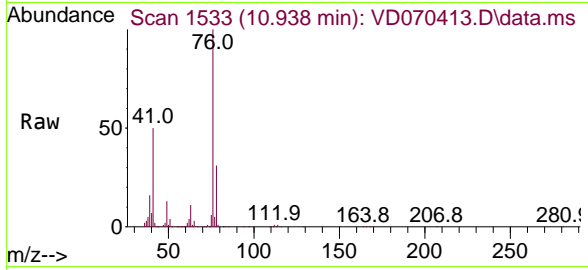






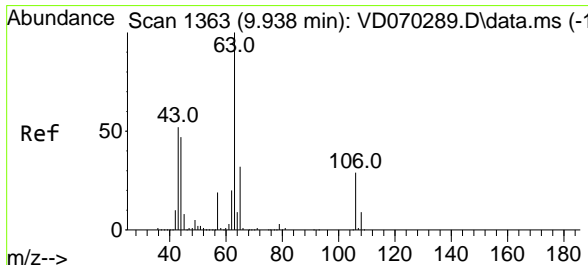
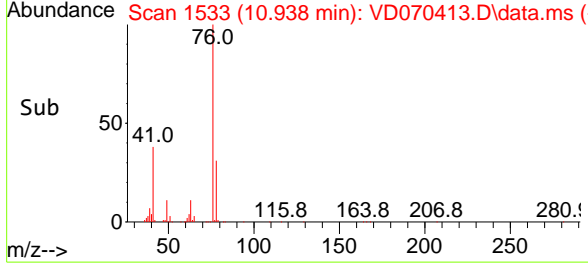
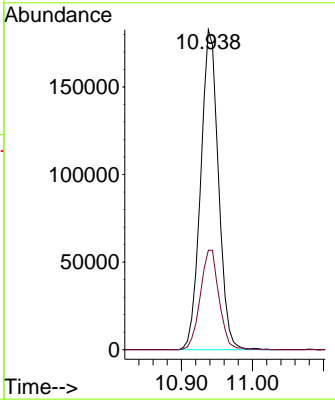
#57  
 1,3-Dichloropropane  
 Concen: 50.257 ug/l  
 RT: 10.938 min Scan# 1533  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampleId :**  
 VSTDCCC050EC

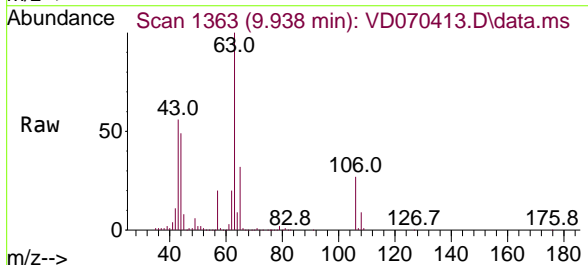


Tgt Ion: 76 Resp: 317964  
 Ion Ratio Lower Upper  
 76 100  
 78 32.7 25.8 38.8

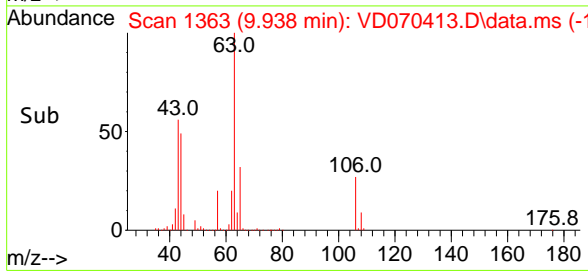
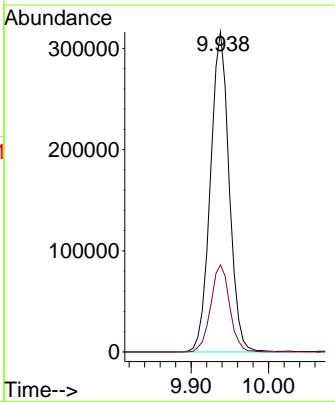
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/23/2021 11:04:04 AM

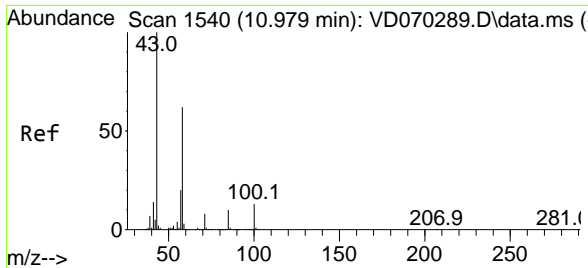


#58  
 2-Chloroethyl Vinyl ether  
 Concen: 271.102 ug/l  
 RT: 9.938 min Scan# 1363  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



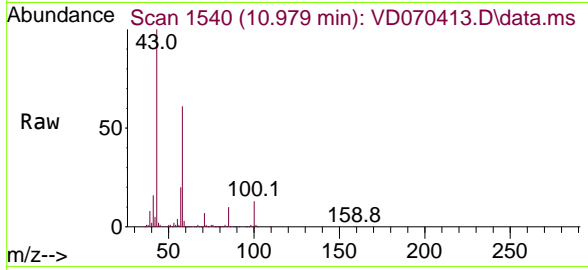
Tgt Ion: 63 Resp: 530087  
 Ion Ratio Lower Upper  
 63 100  
 106 27.5 22.3 33.5





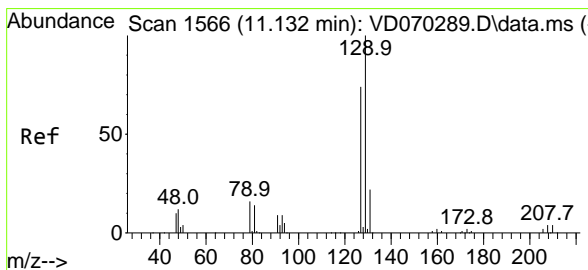
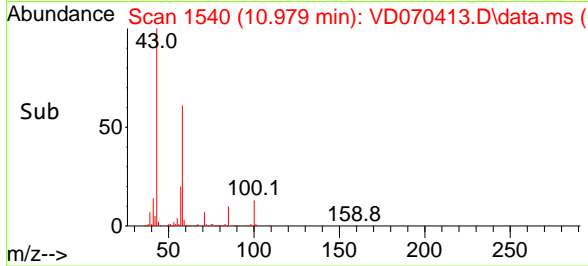
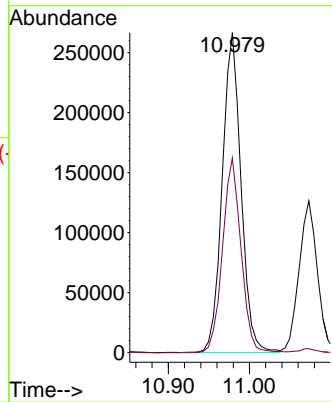
#59  
 2-Hexanone  
 Concen: 262.757 ug/l  
 RT: 10.979 min Scan# 1540  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

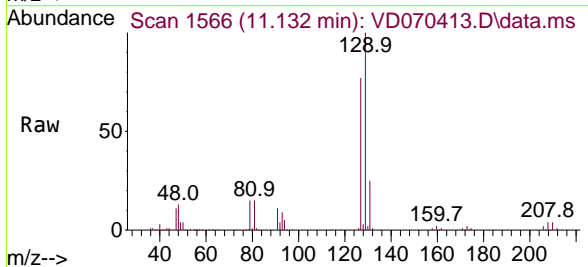


Tgt Ion: 43 Resp: 427953  
 Ion Ratio Lower Upper  
 43 100  
 58 60.0 30.6 91.6

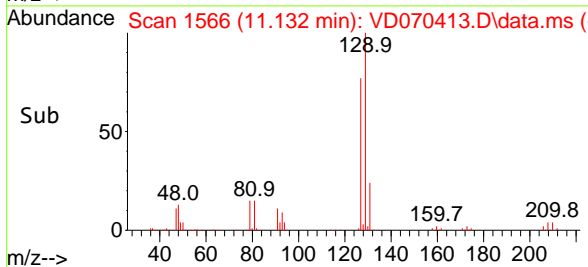
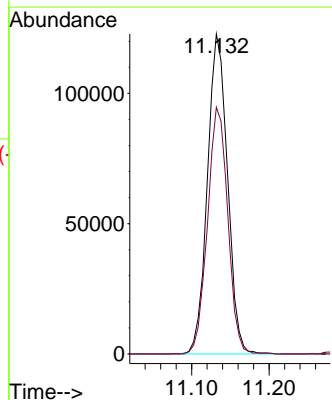
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 9/23/2021 11:04:04 AM

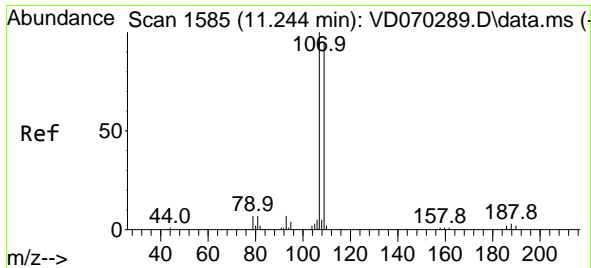


#60  
 Dibromochloromethane  
 Concen: 51.046 ug/l  
 RT: 11.132 min Scan# 1566  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



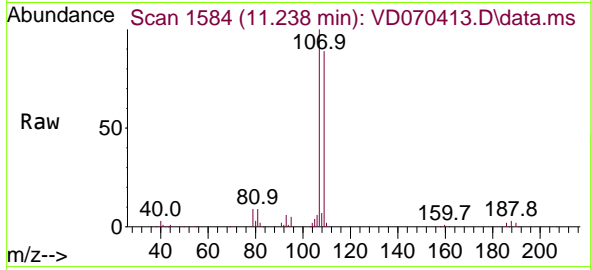
Tgt Ion: 129 Resp: 220766  
 Ion Ratio Lower Upper  
 129 100  
 127 78.0 38.0 114.0





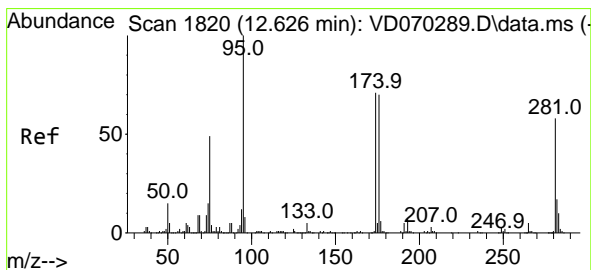
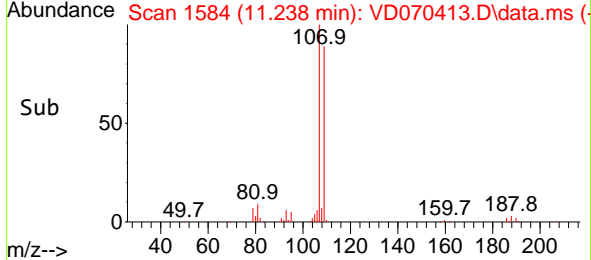
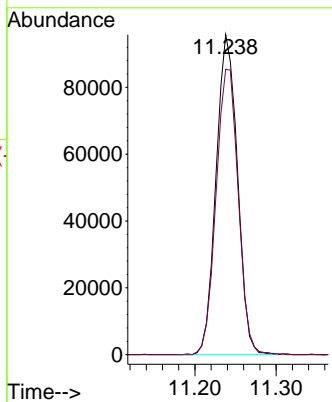
#61  
 1,2-Dibromoethane  
 Concen: 51.217 ug/l  
 RT: 11.238 min Scan# 1584  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

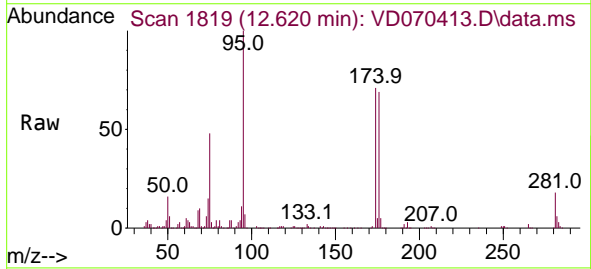


Tgt Ion:107 Resp: 175044  
 Ion Ratio Lower Upper  
 107 100  
 109 92.9 75.6 113.4

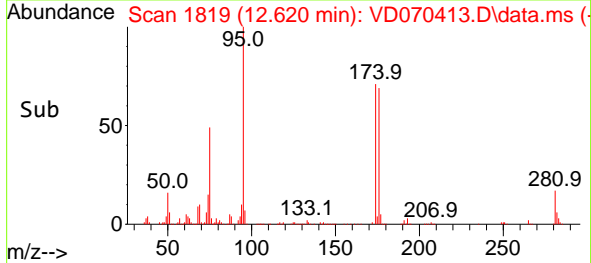
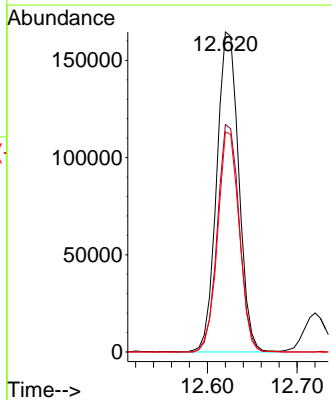
**Manual Integrations**  
**APPROVED**  
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 9/23/2021 11:04:04 AM

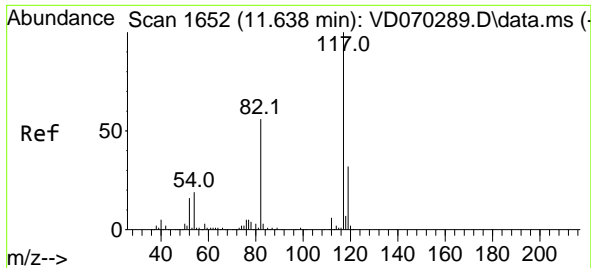


#62  
 4-Bromofluorobenzene  
 Concen: 48.733 ug/l  
 RT: 12.620 min Scan# 1819  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



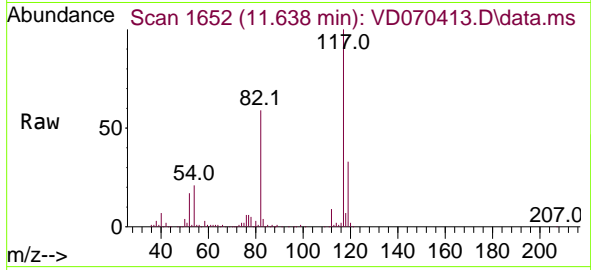
Tgt Ion: 95 Resp: 280976  
 Ion Ratio Lower Upper  
 95 100  
 174 70.4 0.0 140.6  
 176 67.1 0.0 137.4





#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.638 min Scan# 1652  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

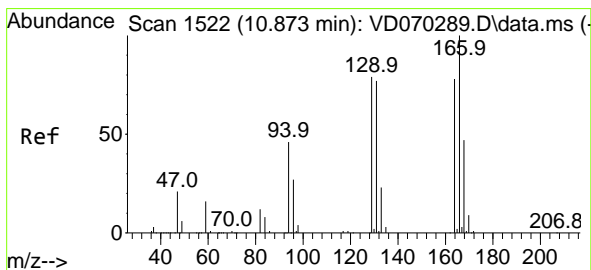
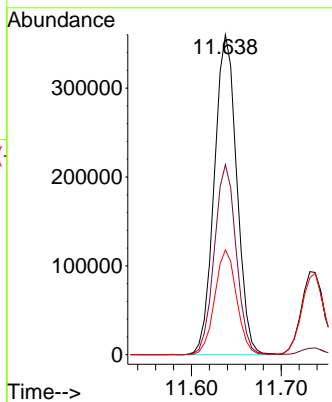
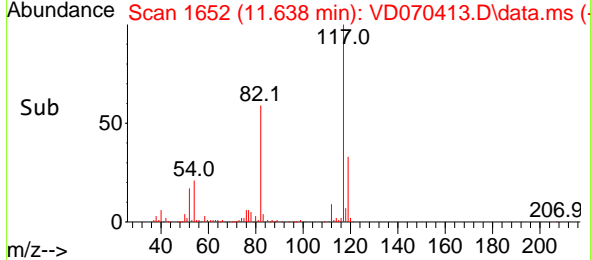


Tgt Ion:117 Resp: 625487

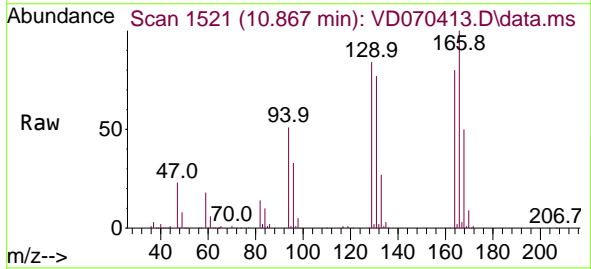
Ion	Ratio	Lower	Upper
117	100		
82	59.4	45.0	67.4
119	32.8	25.2	37.8

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**APPROVED**

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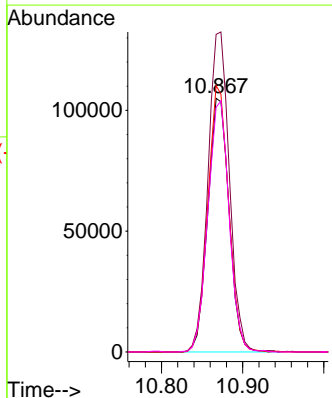
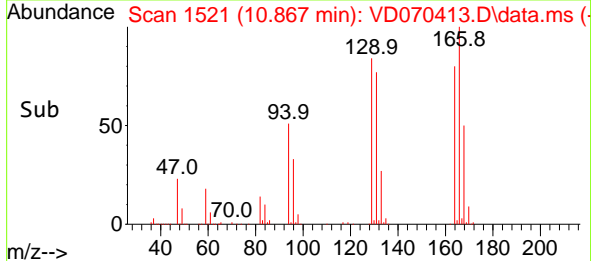


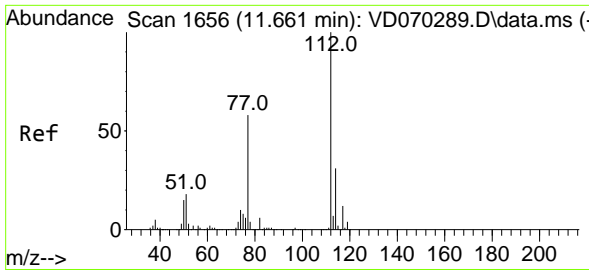
#64  
 Tetrachloroethene  
 Concen: 49.981 ug/l  
 RT: 10.867 min Scan# 1521  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion:164 Resp: 190338

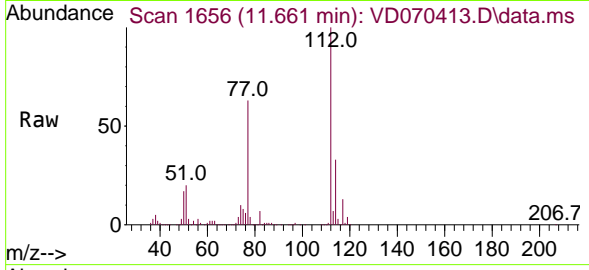
Ion	Ratio	Lower	Upper
164	100		
166	125.2	102.4	153.6
129	105.0	80.9	121.3
131	96.5	79.4	119.0





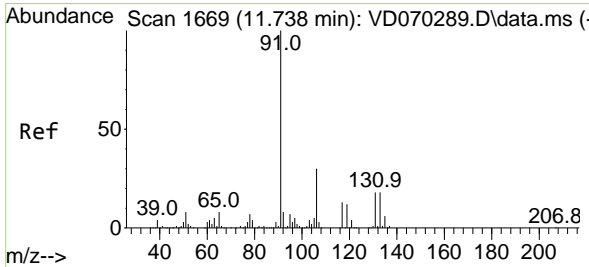
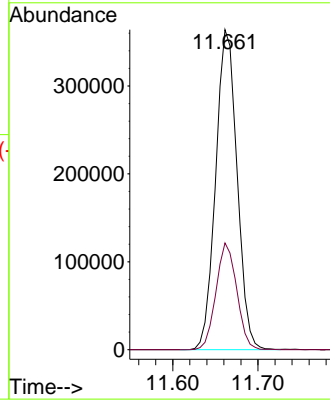
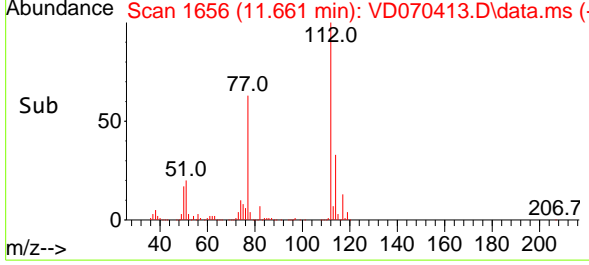
#65  
 Chlorobenzene  
 Concen: 49.075 ug/l  
 RT: 11.661 min Scan# 1656  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

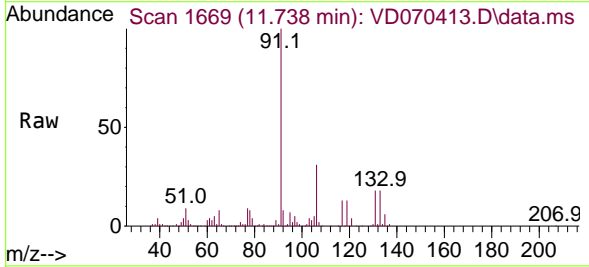


Tgt Ion:112 Resp: 635903  
 Ion Ratio Lower Upper  
 112 100  
 114 33.4 24.7 37.1

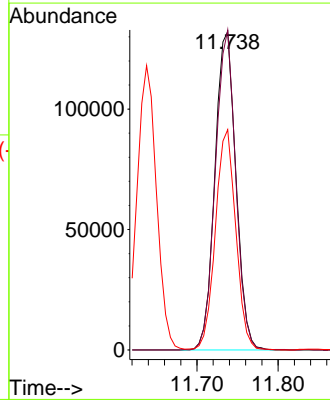
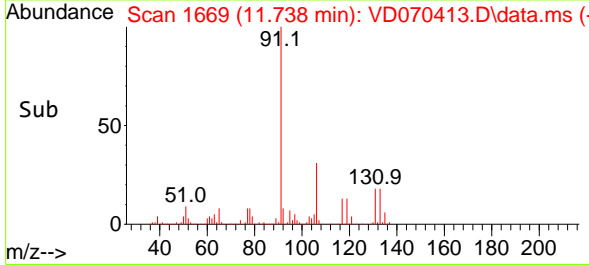
**Manual Integrations**  
**APPROVED**  
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 9/23/2021 11:04:04 AM

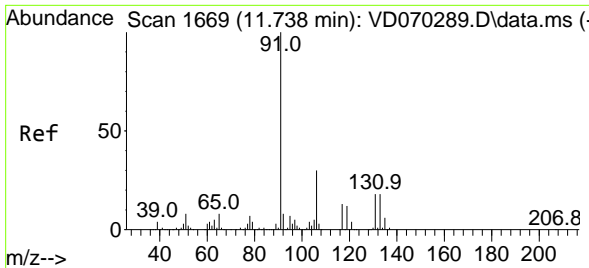


#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 49.993 ug/l  
 RT: 11.738 min Scan# 1669  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



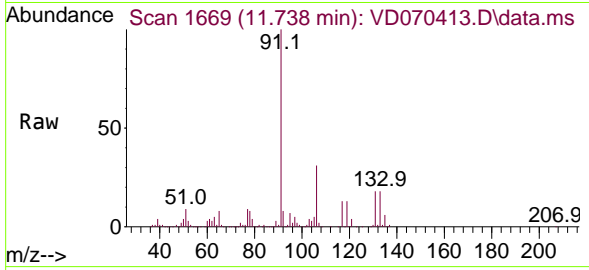
Tgt Ion:131 Resp: 237257  
 Ion Ratio Lower Upper  
 131 100  
 133 97.5 48.4 145.2  
 119 67.3 33.5 100.5





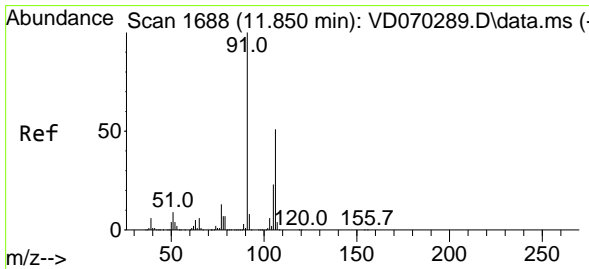
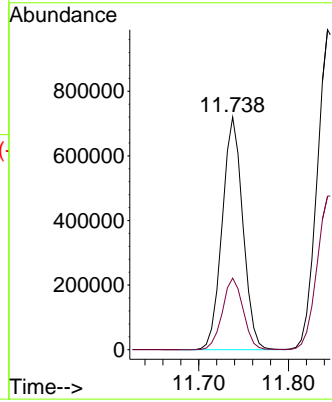
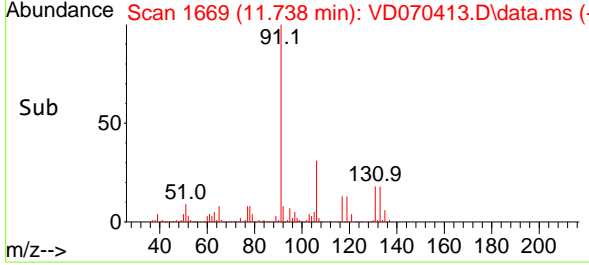
#67  
 Ethyl Benzene  
 Concen: 51.480 ug/l  
 RT: 11.738 min Scan# 1669  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

Instrument : MSVOA\_D  
 ClientSampled : VSTDCCC050EC

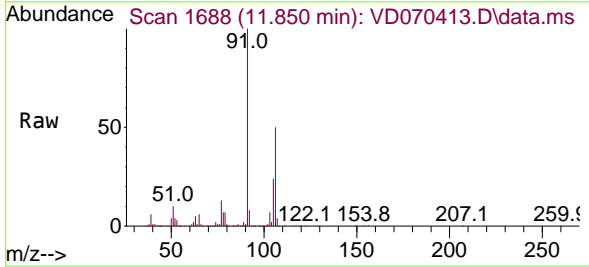


Tgt Ion: 91 Resp: 1150435  
 Ion Ratio Lower Upper  
 91 100  
 106 30.7 24.2 36.2

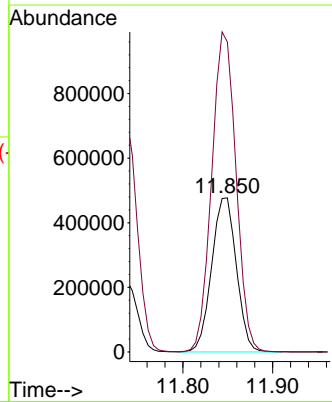
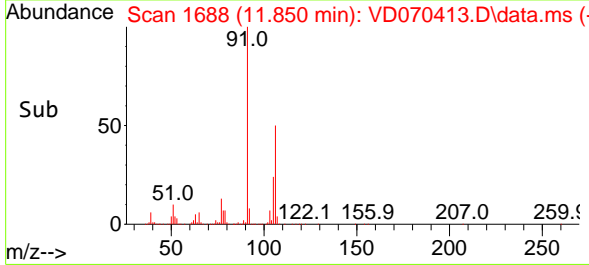
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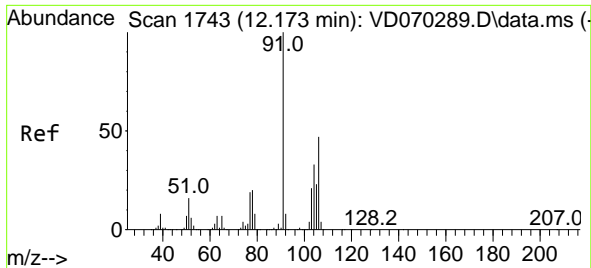


#68  
 m/p-Xylenes  
 Concen: 105.794 ug/l  
 RT: 11.850 min Scan# 1688  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



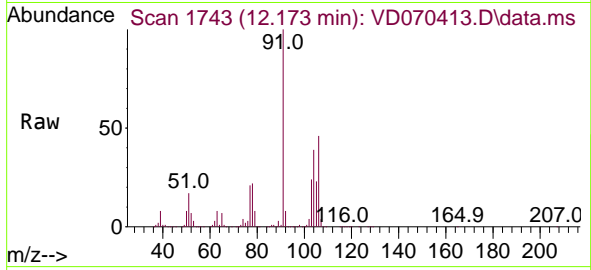
Tgt Ion: 106 Resp: 913096  
 Ion Ratio Lower Upper  
 106 100  
 91 204.1 161.2 241.8





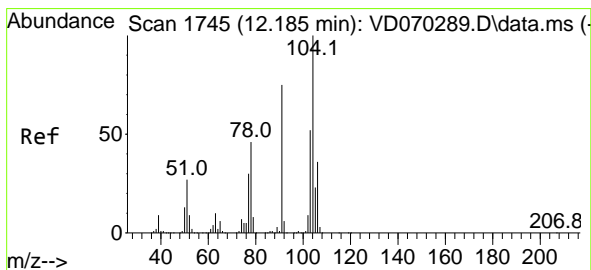
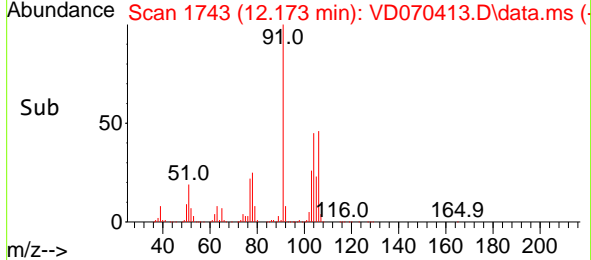
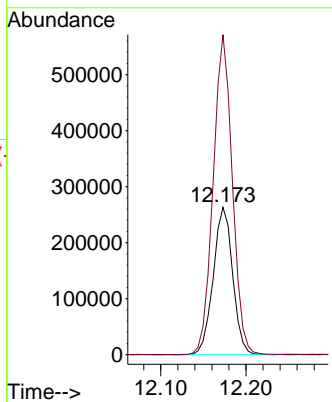
#69  
 o-Xylene  
 Concen: 53.929 ug/l  
 RT: 12.173 min Scan# 1743  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

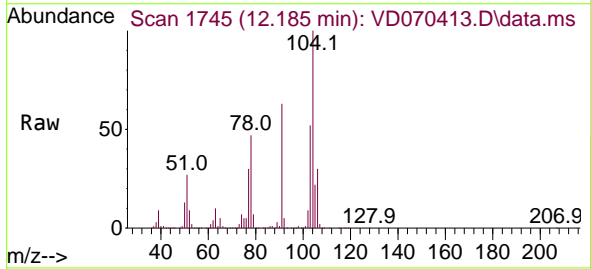


Tgt Ion:106 Resp: 416986  
 Ion Ratio Lower Upper  
 106 100  
 91 214.6 106.3 318.9

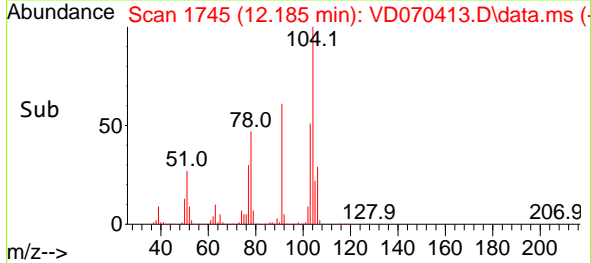
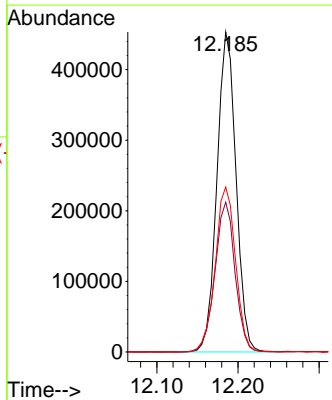
**Manual Integrations**  
**APPROVED**  
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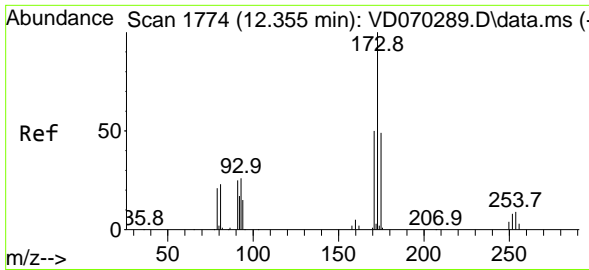


#70  
 Styrene  
 Concen: 54.815 ug/l  
 RT: 12.185 min Scan# 1745  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



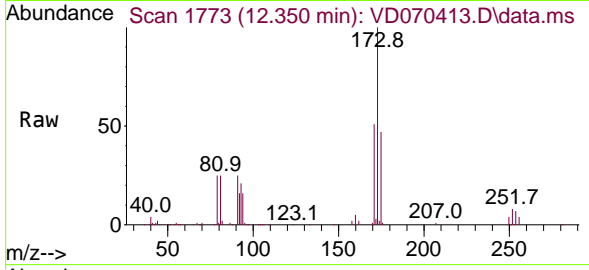
Tgt Ion:104 Resp: 740402  
 Ion Ratio Lower Upper  
 104 100  
 78 49.5 38.6 57.8  
 103 55.2 43.4 65.0





#71  
 Bromoform  
 Concen: 51.034 ug/l  
 RT: 12.350 min Scan# 1773  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

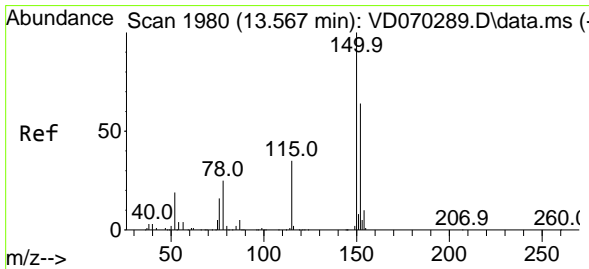
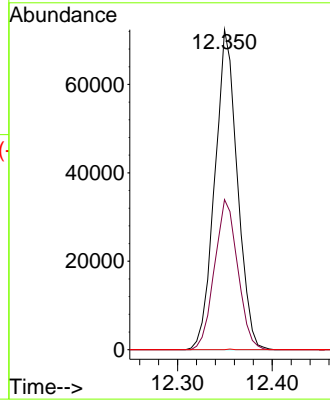
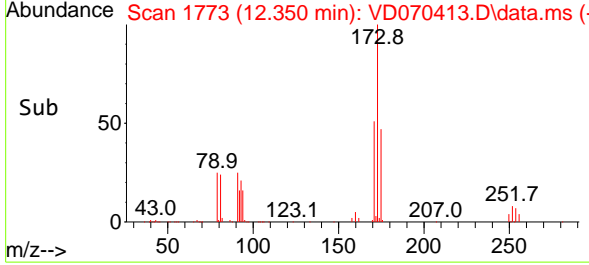
Instrument :  
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 ClientSampleId :  
 VSTDCCC050EC



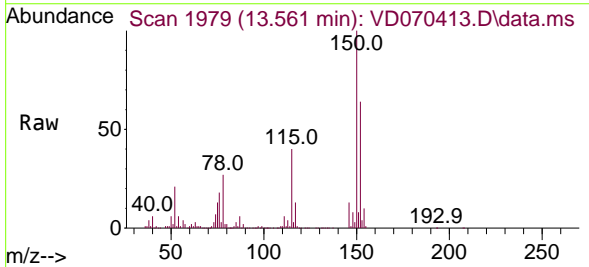
Tgt Ion:173 Resp: 119704  
 Ion Ratio Lower Upper  
 173 100  
 175 48.2 25.1 75.2  
 254 0.0 0.1 0.1#

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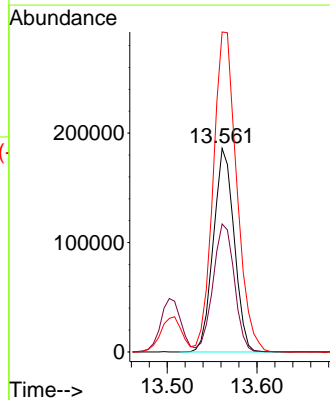
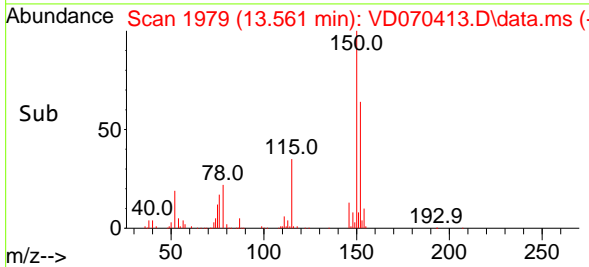
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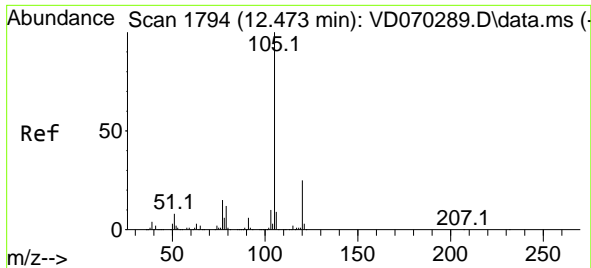
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.561 min Scan# 1979  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion:152 Resp: 299157  
 Ion Ratio Lower Upper  
 152 100  
 115 64.5 32.1 96.3  
 150 178.5 0.0 350.6

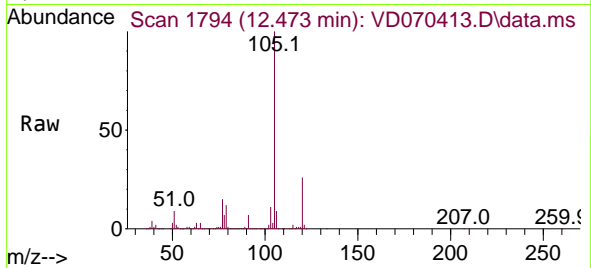






#73  
 Isopropylbenzene  
 Concen: 50.616 ug/l  
 RT: 12.473 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

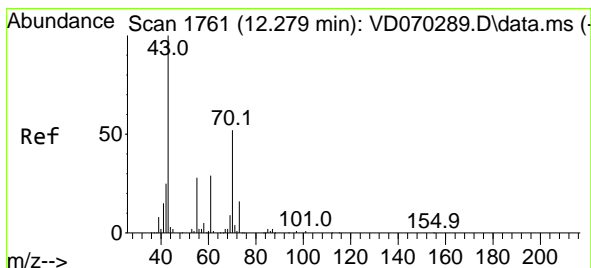
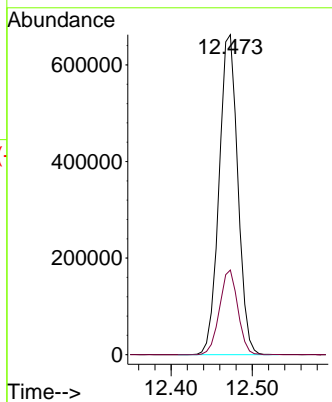
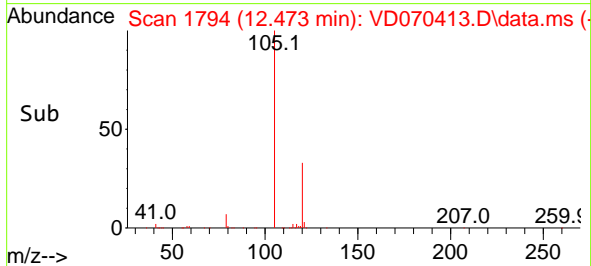
Instrument :  
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 Client Sampled :  
 VSTDCCC050EC



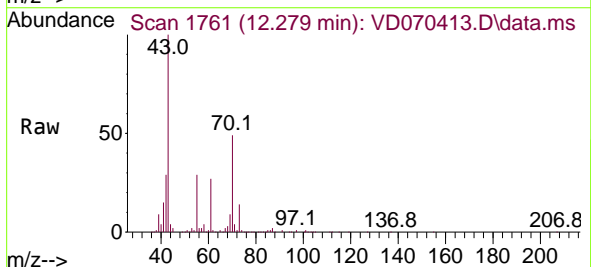
Tgt Ion: 105 Resp: 1061912  
 Ion Ratio Lower Upper  
 105 100  
 120 25.9 13.0 38.9

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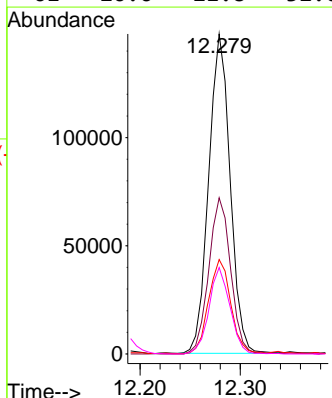
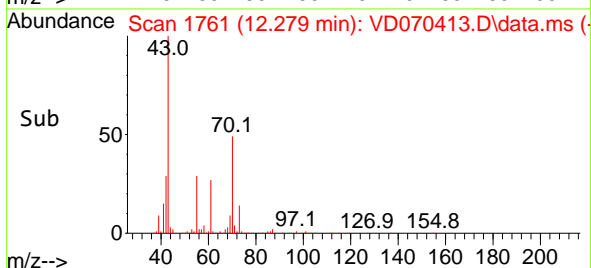
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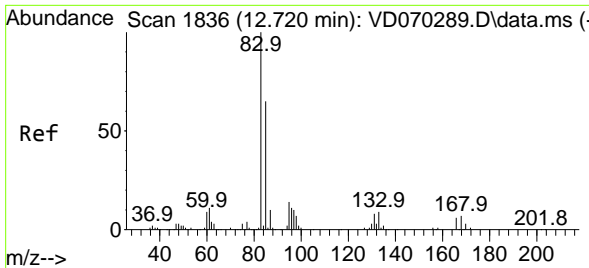


#74  
 N-ethyl acetate  
 Concen: 47.894 ug/l  
 RT: 12.279 min Scan# 1761  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



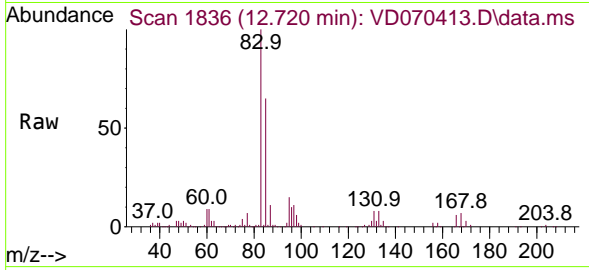
Tgt Ion: 43 Resp: 218931  
 Ion Ratio Lower Upper  
 43 100  
 70 50.0 41.4 62.0  
 55 30.3 22.8 34.2  
 61 26.6 21.8 32.6





#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 48.504 ug/l  
 RT: 12.720 min Scan# 1836  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

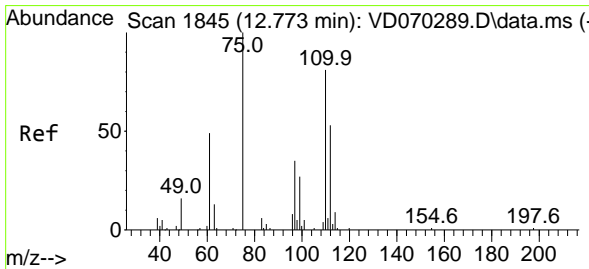
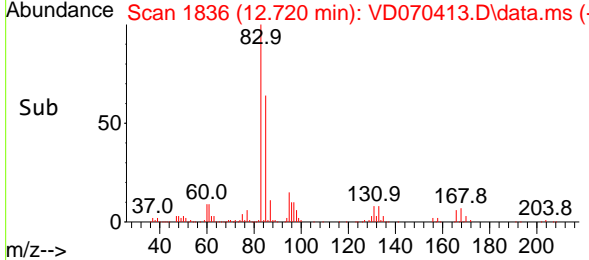
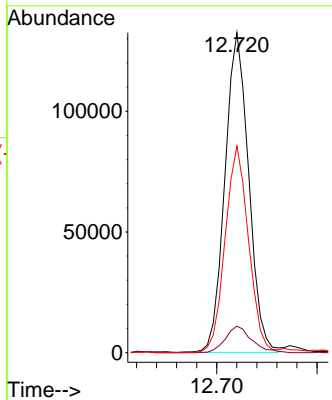
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC



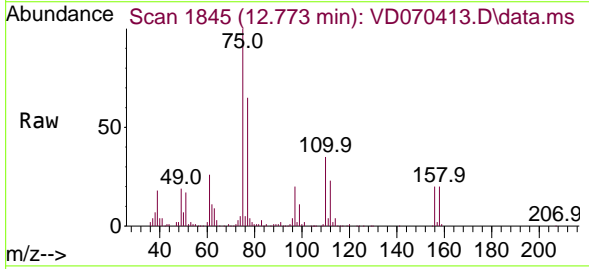
Tgt Ion: 83 Resp: 217948  

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.8	14.4
85	63.8	32.1	96.3

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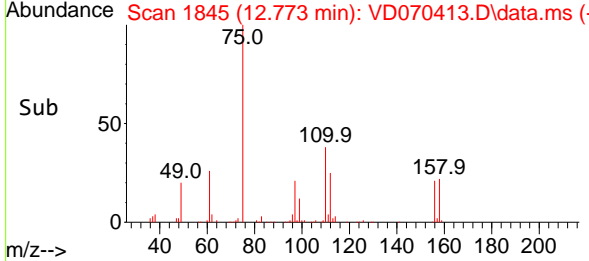
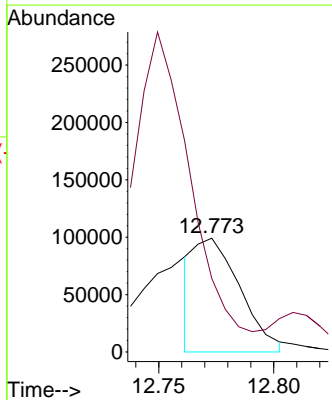


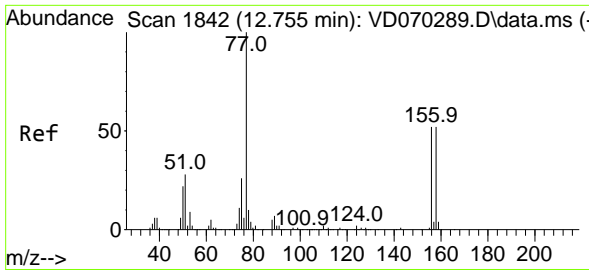
#76  
 1,2,3-Trichloropropane  
 Concen: 45.499 ug/l m  
 RT: 12.773 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion: 75 Resp: 137681  

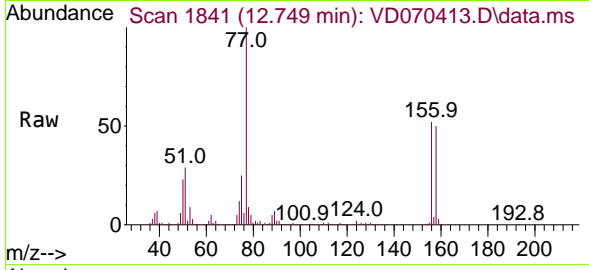
Ion	Ratio	Lower	Upper
75	100		
77	0.0	174.9	524.7#





#77  
 Bromobenzene  
 Concen: 49.528 ug/l  
 RT: 12.749 min Scan# 1841  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

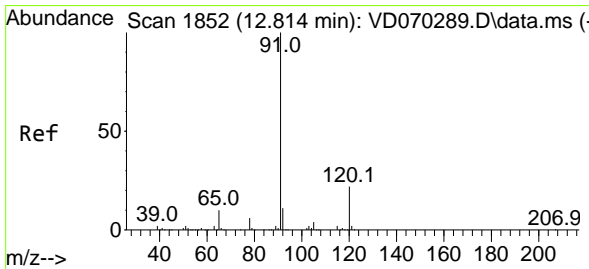
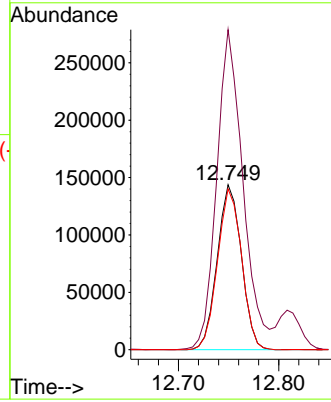
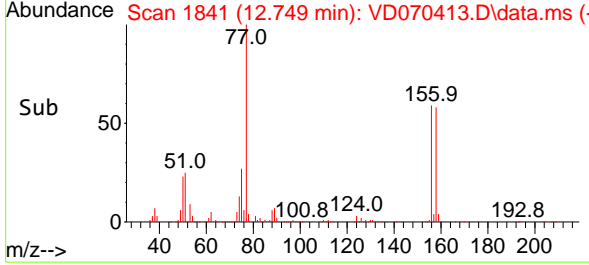
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC



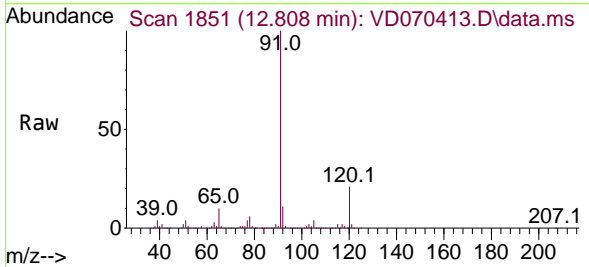
Tgt Ion:156 Resp: 239727  
 Ion Ratio Lower Upper  
 156 100  
 77 211.0 104.3 312.8  
 158 97.4 49.4 148.0

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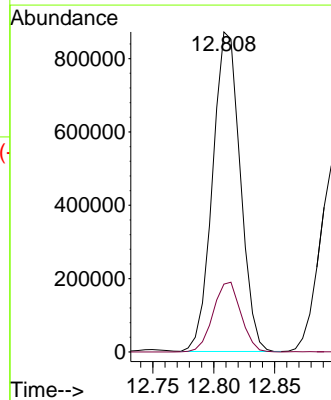
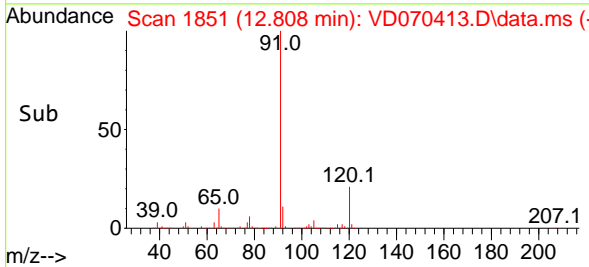
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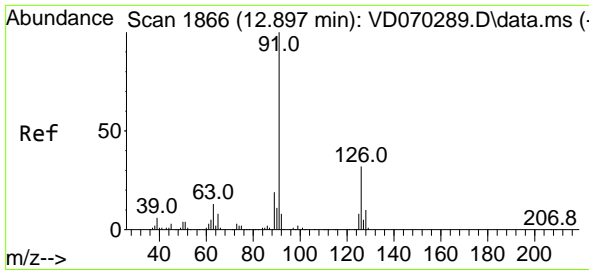


#78  
 n-propylbenzene  
 Concen: 50.639 ug/l  
 RT: 12.808 min Scan# 1851  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



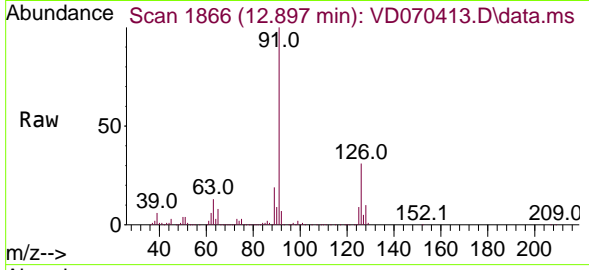
Tgt Ion: 91 Resp: 1378873  
 Ion Ratio Lower Upper  
 91 100  
 120 21.9 11.0 33.0





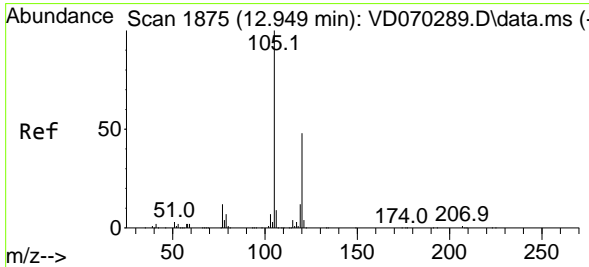
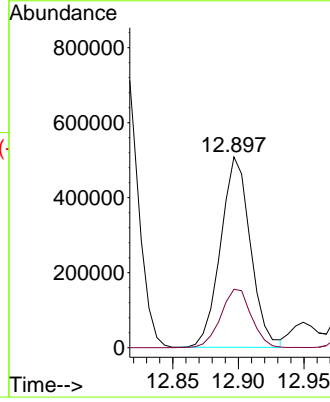
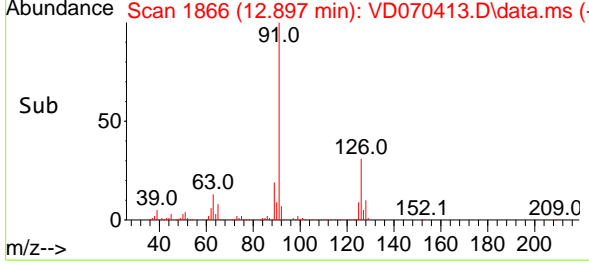
#79  
 2-Chlorotoluene  
 Concen: 50.653 ug/l  
 RT: 12.897 min Scan# 1866  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

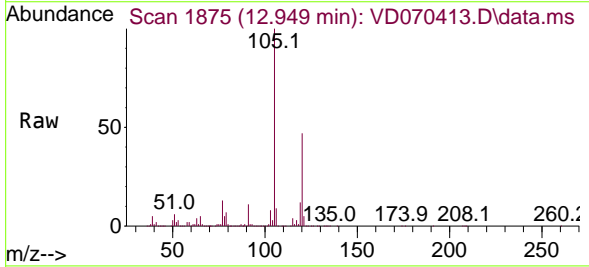


Tgt Ion: 91 Resp: 803951  
 Ion Ratio Lower Upper  
 91 100  
 126 31.6 16.2 48.6

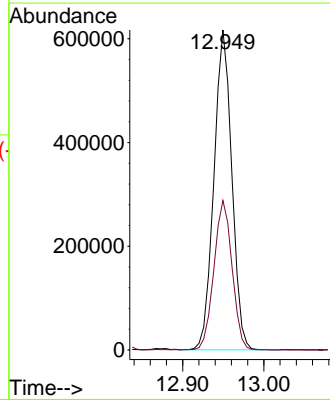
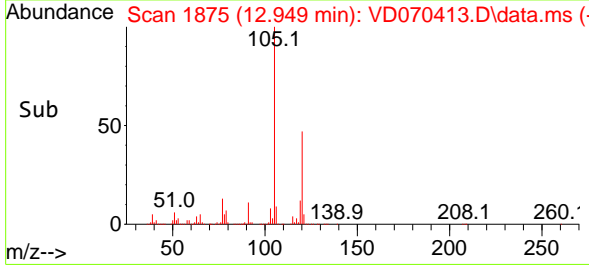
**Manual Integrations**  
**APPROVED**  
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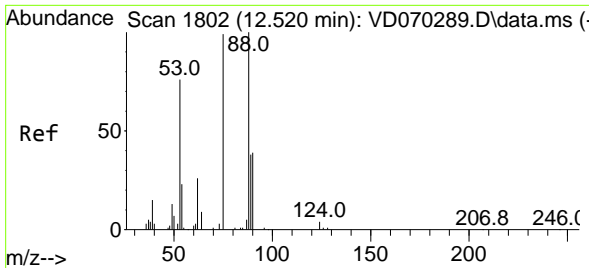


#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.175 ug/l  
 RT: 12.949 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



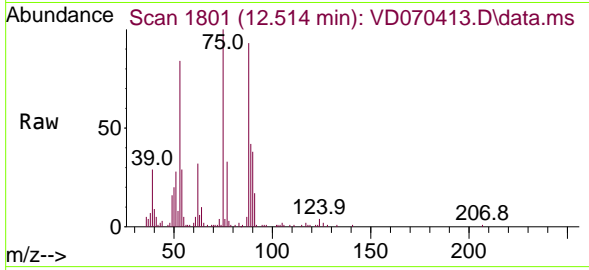
Tgt Ion: 105 Resp: 944697  
 Ion Ratio Lower Upper  
 105 100  
 120 47.4 24.1 72.2





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 44.858 ug/l  
 RT: 12.514 min Scan# 1801  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

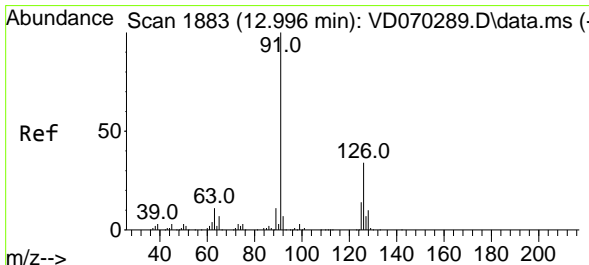
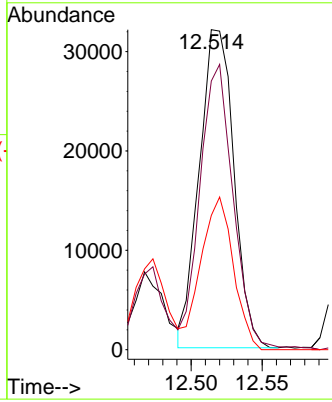
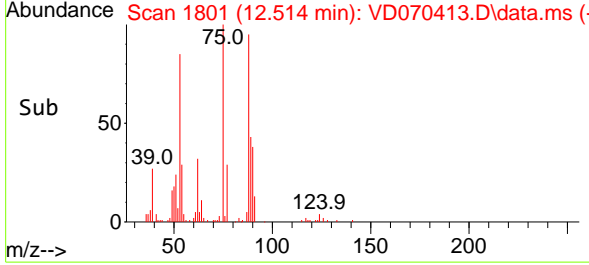
Instrument : MSVOA\_D  
 ClientSampleId : VSTDCCC050EC



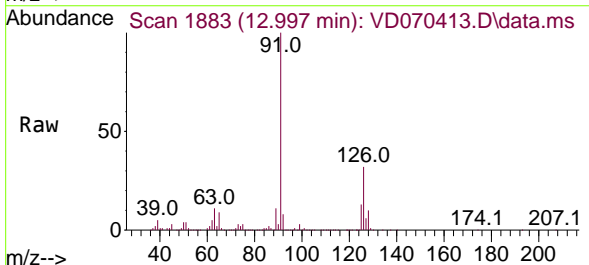
Tgt Ion: 75 Resp: 54175

Ion	Ratio	Lower	Upper
75	100		
53	86.6	64.2	96.2
89	45.4	35.6	53.4

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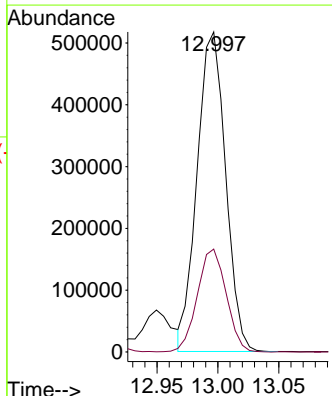
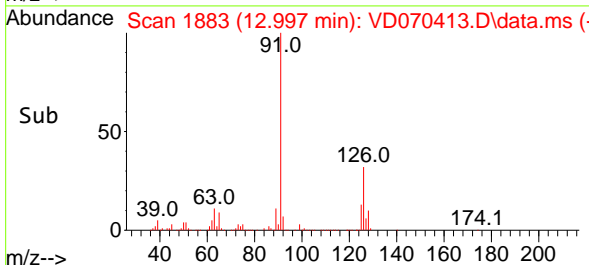


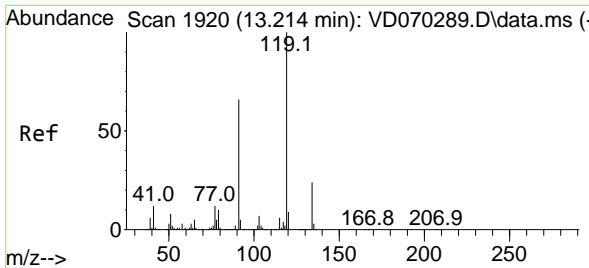
#82  
 4-Chlorotoluene  
 Concen: 50.202 ug/l  
 RT: 12.997 min Scan# 1883  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion: 91 Resp: 840576

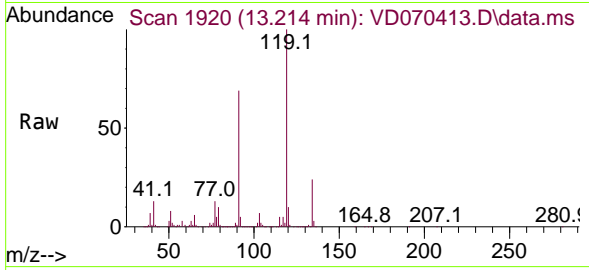
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.2	48.5





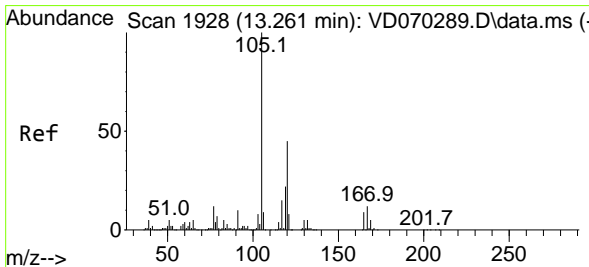
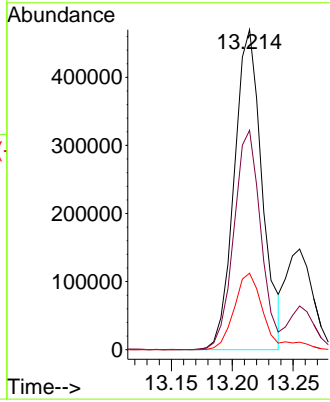
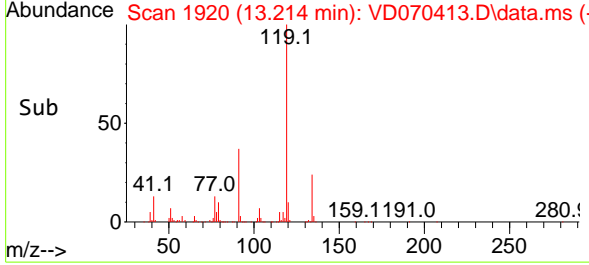
#83  
 tert-Butylbenzene  
 Concen: 51.507 ug/l  
 RT: 13.214 min Scan# 1920  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

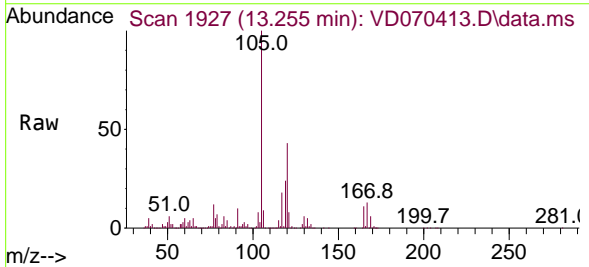


Tgt Ion:119 Resp: 747962  
 Ion Ratio Lower Upper  
 119 100  
 91 66.3 33.7 101.0  
 134 25.8 13.2 39.5

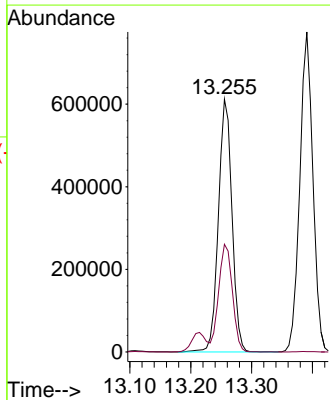
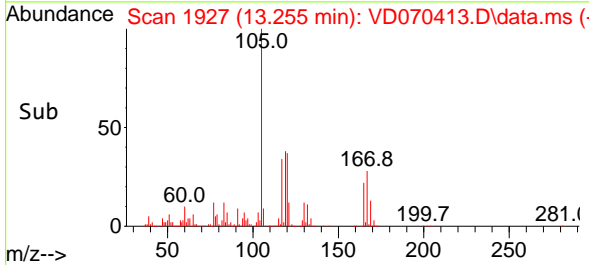
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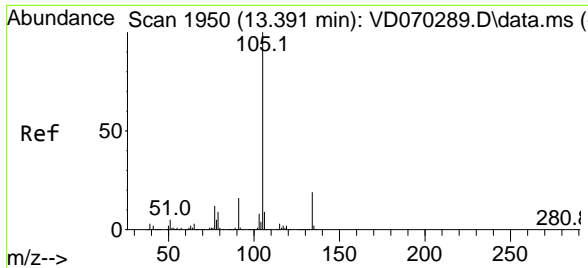


#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.168 ug/l  
 RT: 13.255 min Scan# 1927  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



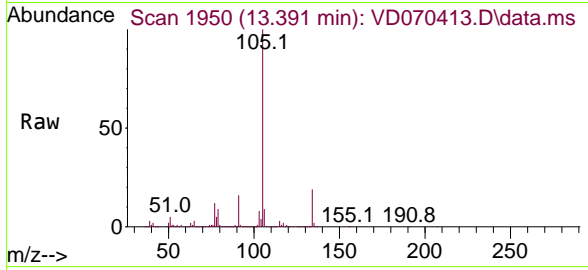
Tgt Ion:105 Resp: 947993  
 Ion Ratio Lower Upper  
 105 100  
 120 42.9 22.3 66.8





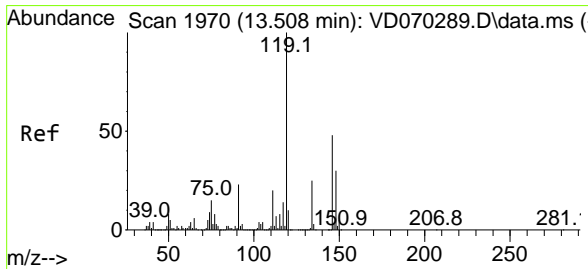
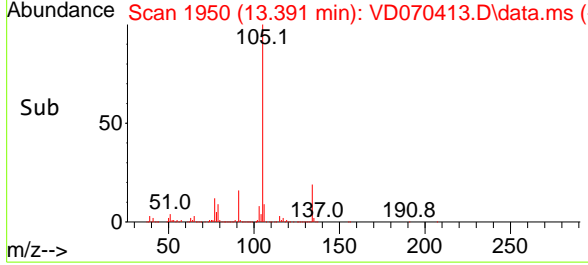
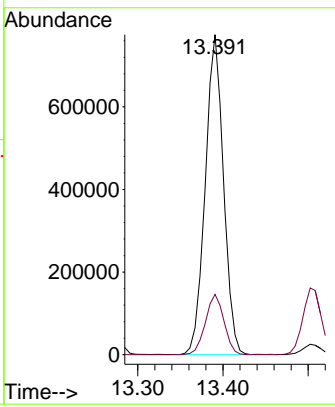
#85  
 sec-Butylbenzene  
 Concen: 50.056 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
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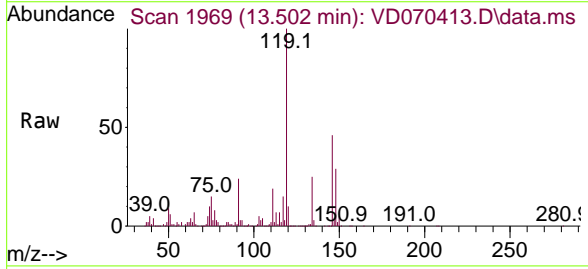


Tgt Ion:105 Resp: 1155424  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 9.8 29.3

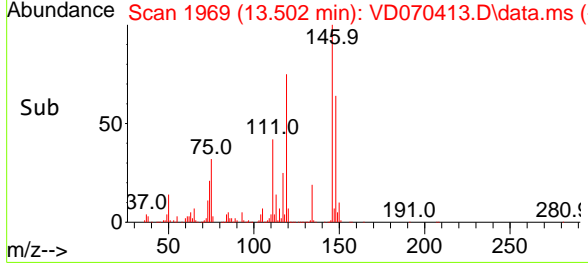
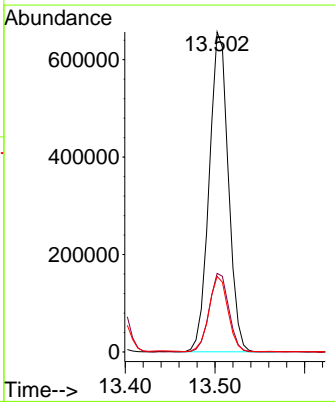
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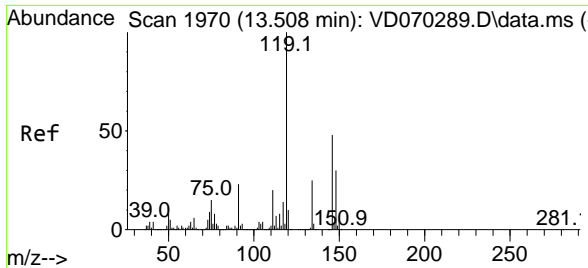


#86  
 p-Isopropyltoluene  
 Concen: 52.393 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



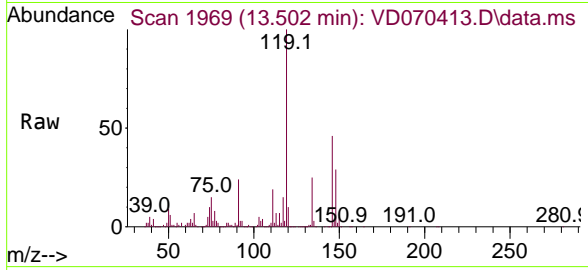
Tgt Ion:119 Resp: 971692  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 12.7 38.0  
 91 23.4 11.8 35.3





#87  
 1,3-Dichlorobenzene  
 Concen: 49.808 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

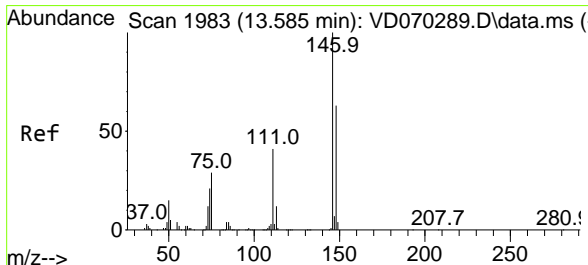
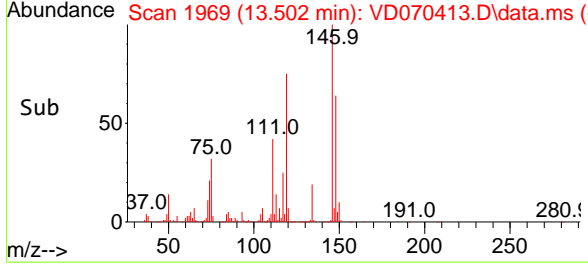
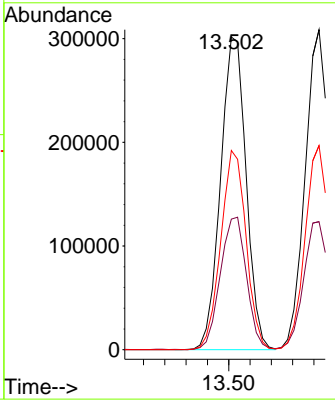
Instrument : MSVOA\_D  
 ClientSampleId : VSTDCCC050EC



Tgt Ion:146 Resp: 501922

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.5	64.5
148	63.0	31.4	94.2

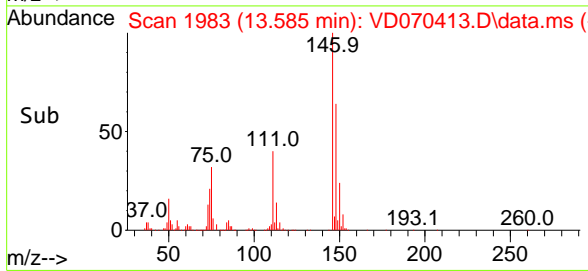
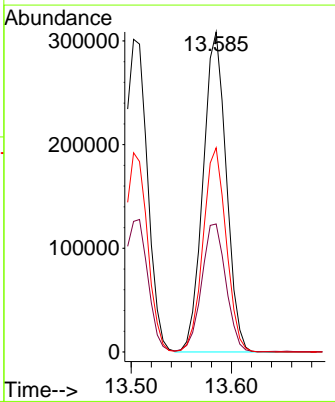
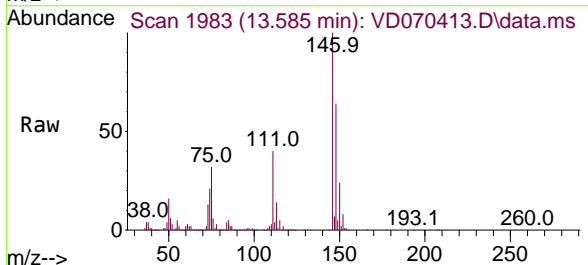
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 9/23/2021 11:04:04 AM



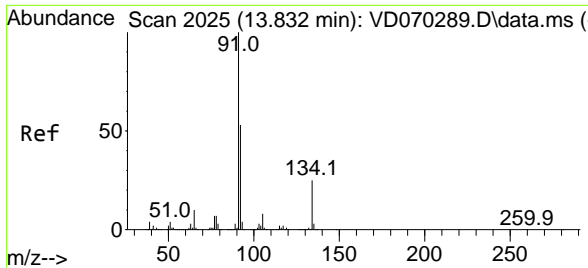
#88  
 1,4-Dichlorobenzene  
 Concen: 48.957 ug/l  
 RT: 13.585 min Scan# 1983  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

Tgt Ion:146 Resp: 495191

Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.9	62.8
148	63.5	31.9	95.5

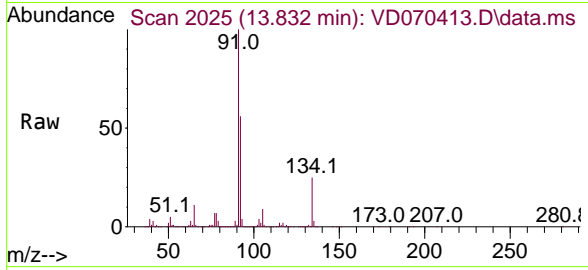






#89  
 n-Butylbenzene  
 Concen: 49.246 ug/l  
 RT: 13.832 min Scan# 2025  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

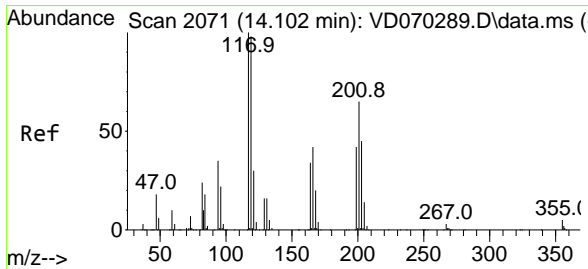
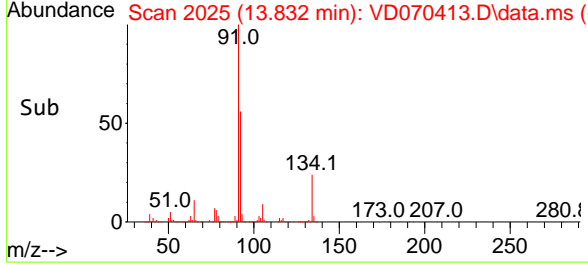
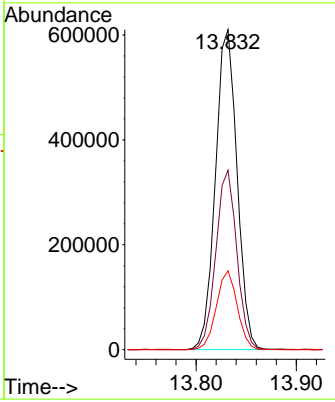
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC



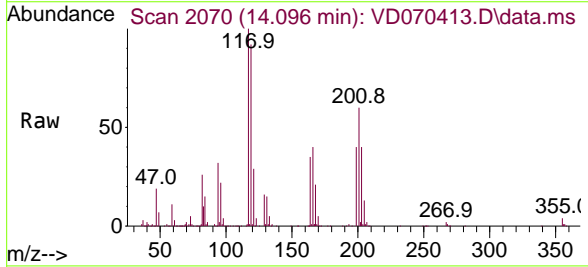
Tgt Ion: 91 Resp: 910604

Ion	Ratio	Lower	Upper
91	100		
92	54.6	26.8	80.4
134	23.9	12.1	36.3

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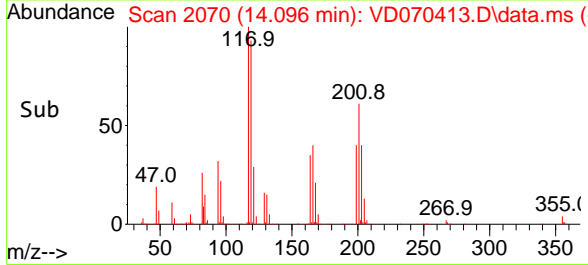
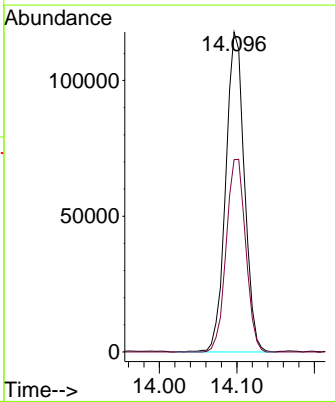


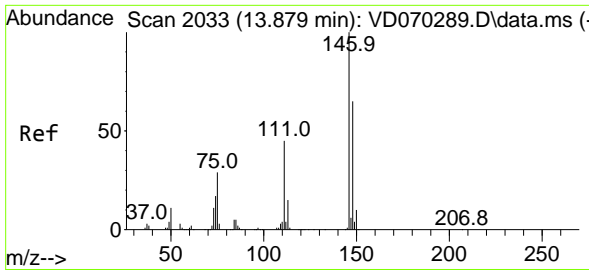
#90  
 Hexachloroethane  
 Concen: 46.345 ug/l  
 RT: 14.096 min Scan# 2070  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion: 117 Resp: 196759

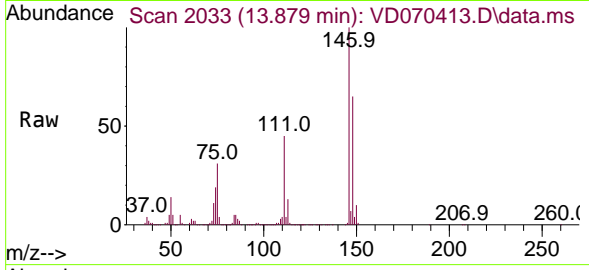
Ion	Ratio	Lower	Upper
117	100		
201	62.9	31.9	95.9





#91  
 1,2-Dichlorobenzene  
 Concen: 49.412 ug/l  
 RT: 13.879 min Scan# 2033  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

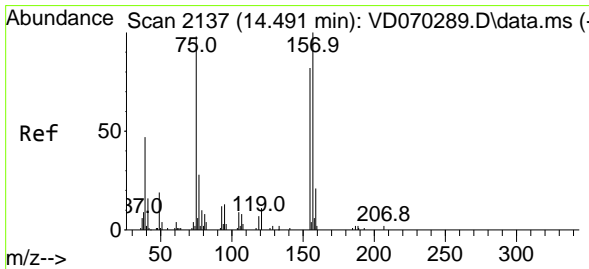
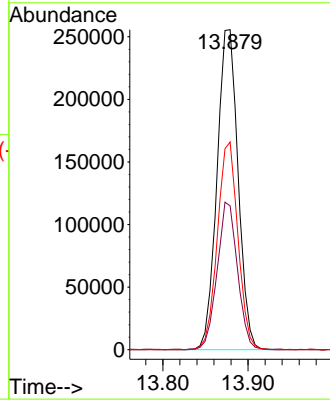
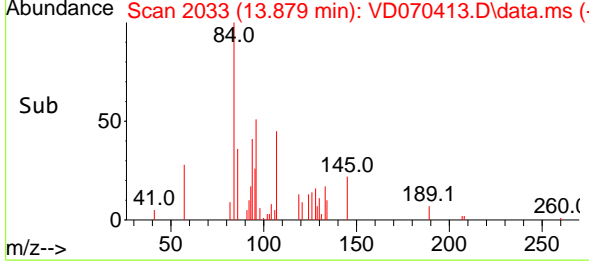
**Instrument :**  
 MSVOA\_D  
**Client Sampled :**  
 VSTDCCC050EC



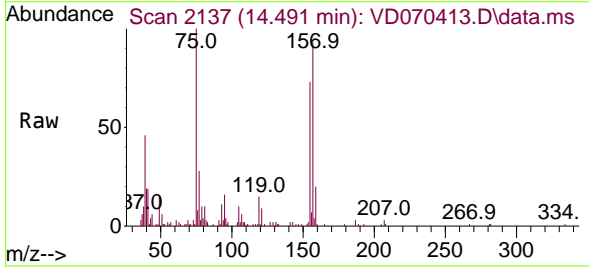
Tgt Ion: 146 Resp: 439336

Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.9	65.7
148	63.3	31.7	95.1

**Manual Integrations**  
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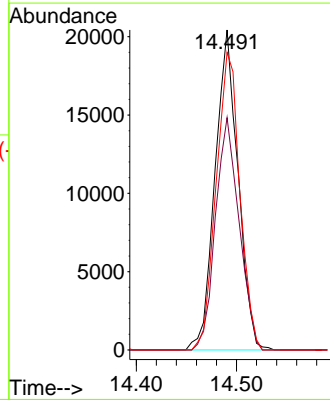
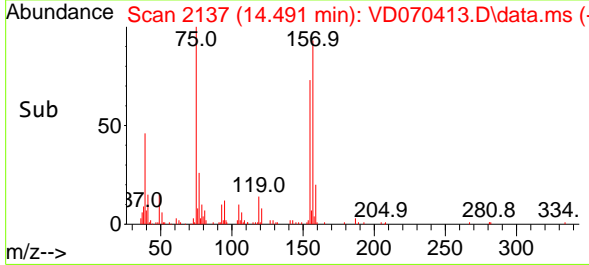


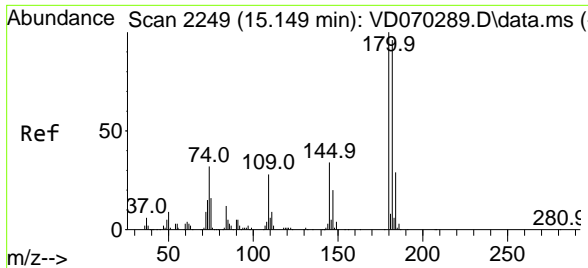
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.188 ug/l  
 RT: 14.491 min Scan# 2137  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion: 75 Resp: 32428

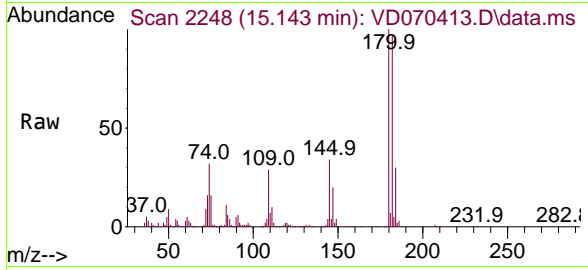
Ion	Ratio	Lower	Upper
75	100		
155	74.6	40.3	120.9
157	95.6	48.9	146.6





#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.551 ug/l  
 RT: 15.143 min Scan# 2248  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

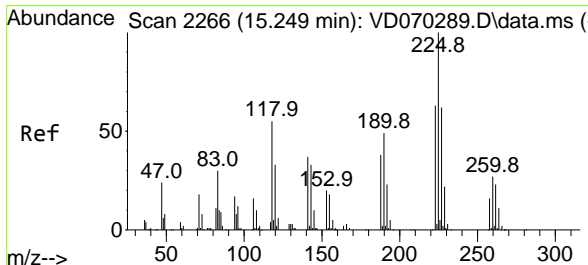
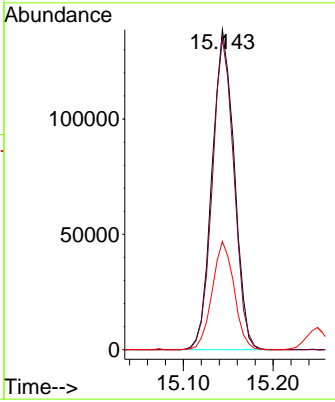
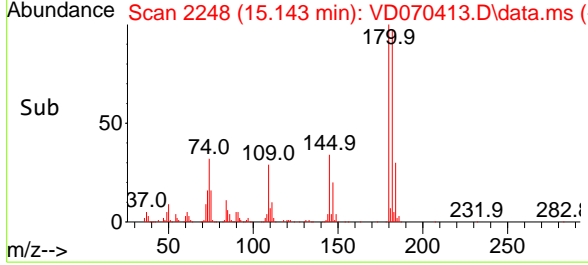
**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC



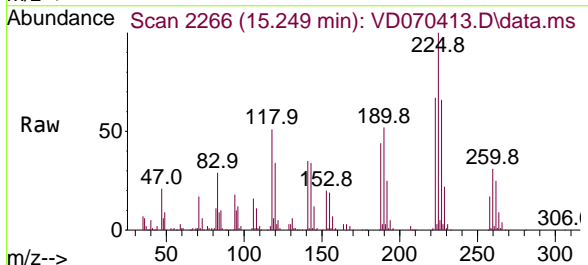
Tgt Ion:180 Resp: 237915

Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.1	144.4
145	33.4	16.8	50.4

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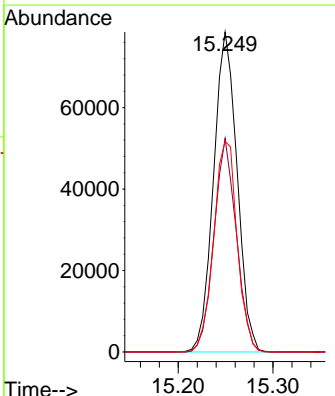
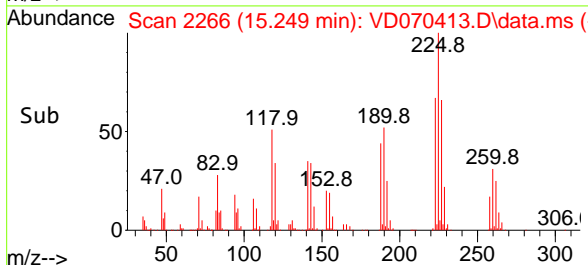


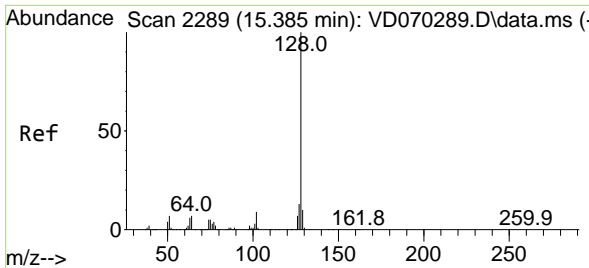
#94  
 Hexachlorobutadiene  
 Concen: 46.027 ug/l  
 RT: 15.249 min Scan# 2266  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion:225 Resp: 135554

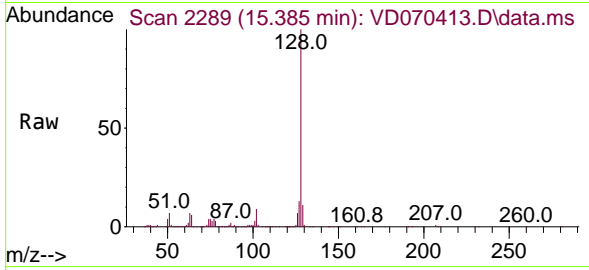
Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.4	94.3
227	65.8	32.7	98.1





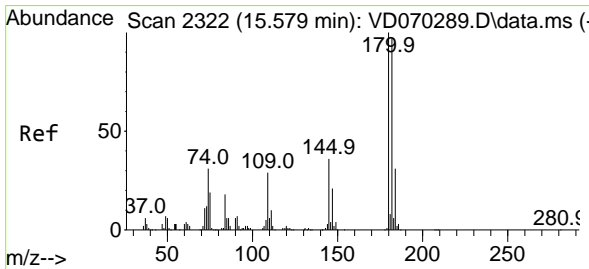
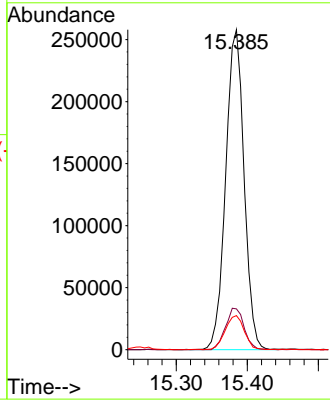
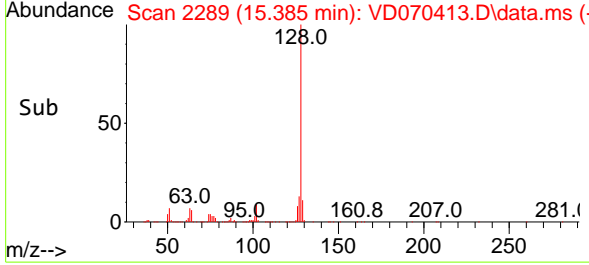
#95  
 Naphthalene  
 Concen: 53.026 ug/l  
 RT: 15.385 min Scan# 2289  
 Delta R.T. 0.000 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52

**Instrument :**  
 MSVOA\_D  
**ClientSampled :**  
 VSTDCCC050EC

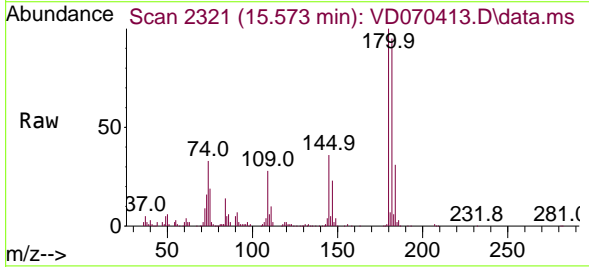


Tgt Ion:128 Resp: 462705  
 Ion Ratio Lower Upper  
 128 100  
 127 13.1 10.5 15.7  
 129 11.1 9.0 13.4

**Manual Integrations**  
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#96  
 1,2,3-Trichlorobenzene  
 Concen: 49.602 ug/l  
 RT: 15.573 min Scan# 2321  
 Delta R.T. -0.006 min  
 Lab File: VD070413.D  
 Acq: 21 Sep 2021 19:52



Tgt Ion:180 Resp: 210127  
 Ion Ratio Lower Upper  
 180 100  
 182 95.6 47.9 143.6  
 145 35.5 17.7 53.1

