

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070724.D
 Acq On : 18 Oct 2021 12:26
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Oct 19 06:39:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	438923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	700824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	639372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	311282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	236731	45.536	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.080%		
35) Dibromofluoromethane	7.914	113	218627	48.720	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.440%		
50) Toluene-d8	10.332	98	860201	50.006	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.020%		
62) 4-Bromofluorobenzene	12.626	95	297295	50.193	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	256666	50.016	ug/l	95
3) Chloromethane	2.209	50	355227	46.651	ug/l	99
4) Vinyl Chloride	2.350	62	380801	48.801	ug/l	98
5) Bromomethane	2.768	94	221771	46.611	ug/l	98
6) Chloroethane	2.921	64	235288	47.882	ug/l	94
7) Trichlorofluoromethane	3.273	101	425941	48.286	ug/l	99
8) Diethyl Ether	3.709	74	105276	44.793	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.097	101	256449	48.602	ug/l	99
10) Methyl Iodide	4.297	142	244071	44.950	ug/l	100
11) Tert butyl alcohol	5.215	59	53537	183.958	ug/l #	84
12) 1,1-Dichloroethene	4.068	96	228364	47.864	ug/l	83
13) Acrolein	3.926	56	52867	187.685	ug/l	97
14) Allyl chloride	4.715	41	445416	49.321	ug/l #	90
15) Acrylonitrile	5.415	53	270938	218.931	ug/l	98
16) Acetone	4.156	43	343363	273.836	ug/l	95
17) Carbon Disulfide	4.409	76	867951	49.925	ug/l	99
18) Methyl Acetate	4.715	43	185073	42.462	ug/l #	86
19) Methyl tert-butyl Ether	5.479	73	480222	46.556	ug/l	100
20) Methylene Chloride	4.967	84	312275	49.458	ug/l #	88
21) trans-1,2-Dichloroethene	5.473	96	276058	50.437	ug/l	95
22) Diisopropyl ether	6.362	45	887657	50.484	ug/l #	93
23) Vinyl Acetate	6.303	43	2039926	220.968	ug/l #	93
24) 1,1-Dichloroethane	6.262	63	520114	47.483	ug/l	97
25) 2-Butanone	7.209	43	362874	234.255	ug/l #	87
26) 2,2-Dichloropropane	7.209	77	435297	50.245	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	281403	47.947	ug/l	88
28) Bromochloromethane	7.544	49	193325	44.393	ug/l	86
29) Tetrahydrofuran	7.561	42	214075	225.749	ug/l #	84
30) Chloroform	7.703	83	493343	46.099	ug/l	98
31) Cyclohexane	7.985	56	518780	49.324	ug/l	87
32) 1,1,1-Trichloroethane	7.903	97	441996	48.684	ug/l	97
36) 1,1-Dichloropropene	8.108	75	405703	51.965	ug/l	97
37) Ethyl Acetate	7.291	43	153164	47.353	ug/l #	92
38) Carbon Tetrachloride	8.091	117	387137	51.772	ug/l	97
39) Methylcyclohexane	9.350	83	473376	53.766	ug/l #	85
40) Benzene	8.350	78	1120426	49.830	ug/l	97

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Quant Time: Oct 19 06:39:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	98001	48.122	ug/l #	74
42) 1,2-Dichloroethane	8.420	62	301866	47.304	ug/l	96
43) Isopropyl Acetate	8.444	43	286182	46.383	ug/l	92
44) Trichloroethene	9.108	130	267157	50.597	ug/l	97
45) 1,2-Dichloropropane	9.385	63	292196	49.184	ug/l	99
46) Dibromomethane	9.473	93	133510	46.930	ug/l	96
47) Bromodichloromethane	9.655	83	363679	48.189	ug/l	99
48) Methyl methacrylate	9.450	41	144791	47.905	ug/l #	85
49) 1,4-Dioxane	9.461	88	26911	880.965	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	764889	235.197	ug/l	90
52) Toluene	10.397	92	688798	51.454	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	327268	48.548	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	398450	49.376	ug/l #	86
55) 1,1,2-Trichloroethane	10.797	97	181486	46.450	ug/l	98
56) Ethyl methacrylate	10.655	69	225250	43.008	ug/l #	80
57) 1,3-Dichloropropane	10.938	76	328079	47.326	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	513588	249.570	ug/l	94
59) 2-Hexanone	10.979	43	586649	256.283	ug/l	87
60) Dibromochloromethane	11.132	129	211306	47.057	ug/l	99
61) 1,2-Dibromoethane	11.238	107	163457	45.724	ug/l	98
64) Tetrachloroethene	10.867	164	219326	51.049	ug/l	93
65) Chlorobenzene	11.661	112	658336	50.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	245585	50.617	ug/l	98
67) Ethyl Benzene	11.738	91	1289647	53.790	ug/l	98
68) m/p-Xylenes	11.844	106	988726	108.855	ug/l	97
69) o-Xylene	12.173	106	436580	52.985	ug/l	96
70) Styrene	12.185	104	767408	53.581	ug/l	96
71) Bromoform	12.355	173	118999	47.235	ug/l #	99
73) Isopropylbenzene	12.473	105	1196829	53.960	ug/l	100
74) N-amyl acetate	12.279	43	271894	47.088	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	204066	46.511	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	138495m	51.498	ug/l	
77) Bromobenzene	12.749	156	250949	49.977	ug/l	99
78) n-propylbenzene	12.808	91	1579362	54.783	ug/l	98
79) 2-Chlorotoluene	12.896	91	873654	52.437	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1035138	55.209	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	63134	51.419	ug/l	89
82) 4-Chlorotoluene	12.996	91	916832	52.022	ug/l	97
83) tert-Butylbenzene	13.214	119	829867	53.556	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	1007396	54.038	ug/l	99
85) sec-Butylbenzene	13.391	105	1321527	54.271	ug/l	99
86) p-Isopropyltoluene	13.502	119	1081541	55.244	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	525407	49.829	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	503397	48.346	ug/l	99
89) n-Butylbenzene	13.832	91	1080669	54.696	ug/l	99
90) Hexachloroethane	14.096	117	208810	49.427	ug/l	91
91) 1,2-Dichlorobenzene	13.879	146	441956	49.042	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	30711	43.886	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	260220	50.479	ug/l	98
94) Hexachlorobutadiene	15.249	225	173279	51.260	ug/l	99
95) Naphthalene	15.385	128	425681	42.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	226286	49.404	ug/l	97

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VSTDCCC050

Manual Integrations
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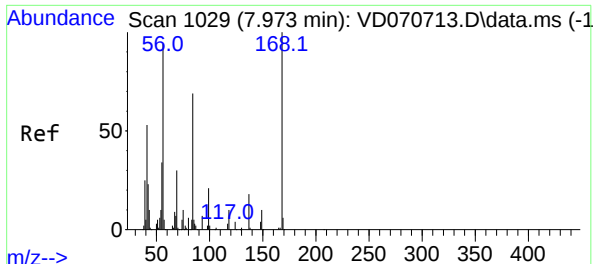
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Quant Time: Oct 19 06:39:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

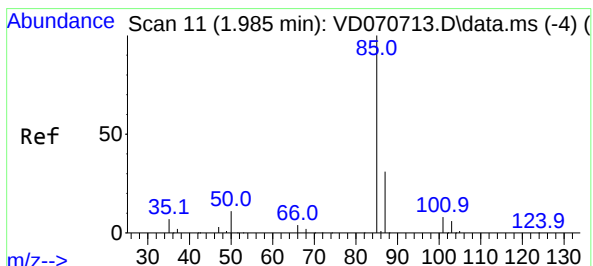
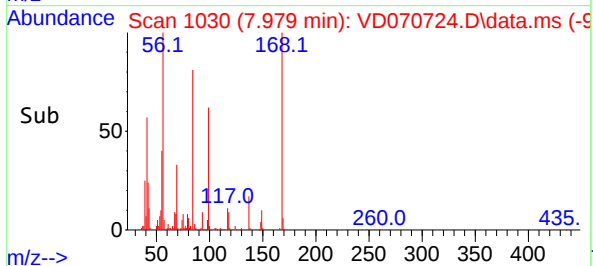
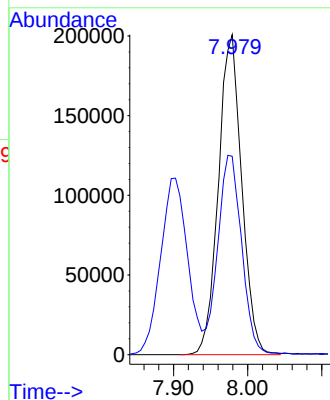
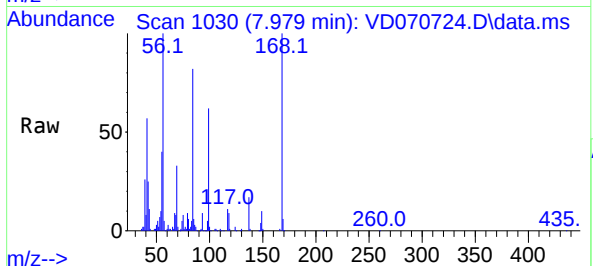
Tgt Ion:168 Resp: 438923
Ion Ratio Lower Upper
168 100
99 61.6 51.4 77.0

Instrument :
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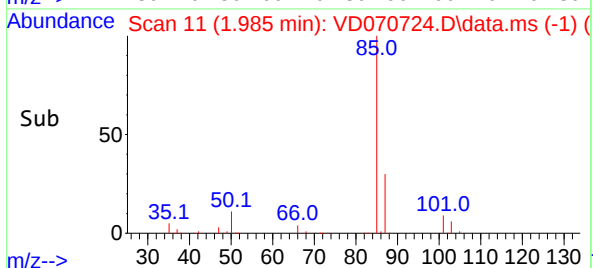
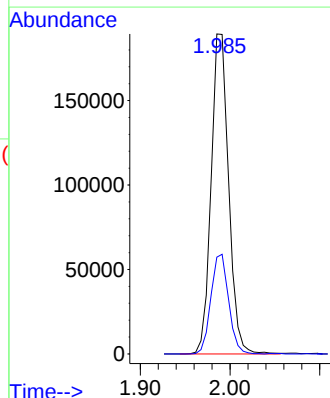
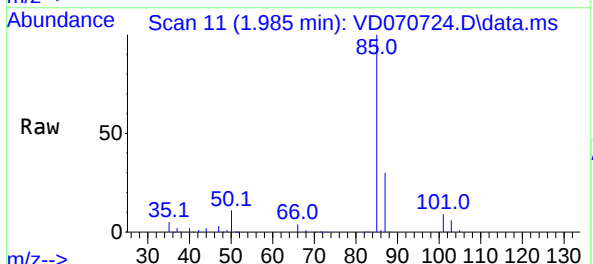
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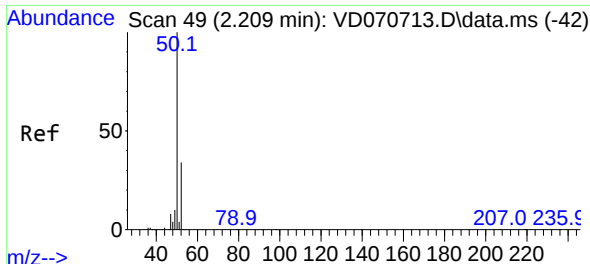
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#2
Dichlorodifluoromethane
Concen: 50.016 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

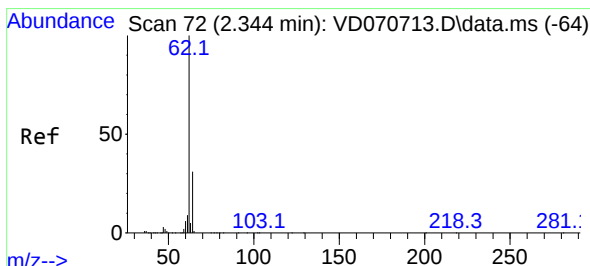
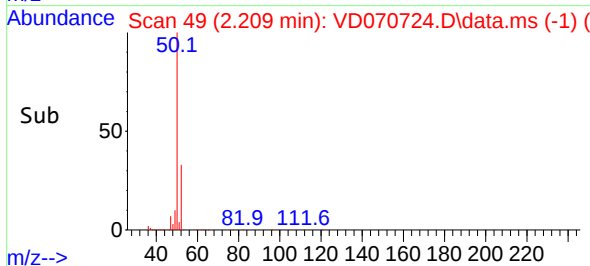
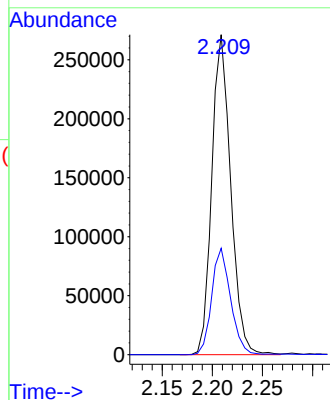
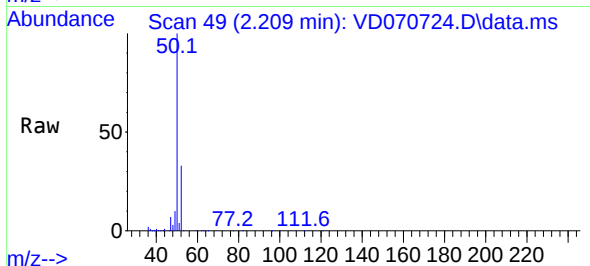
Tgt Ion: 85 Resp: 256666
Ion Ratio Lower Upper
85 100
87 30.2 16.4 49.2





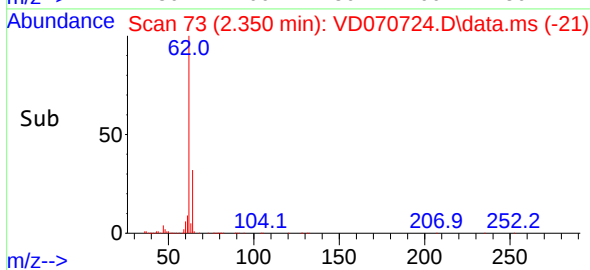
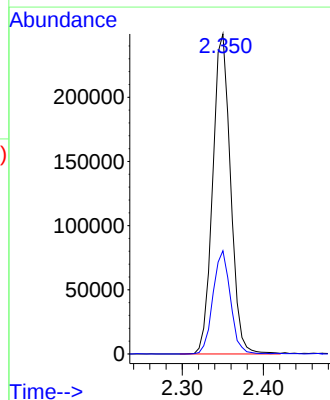
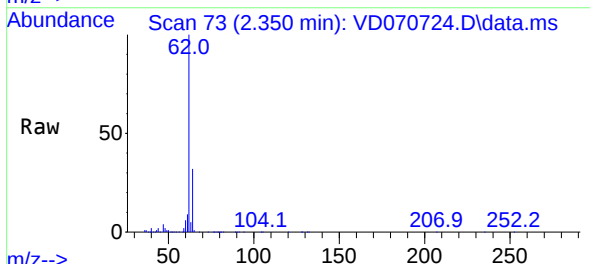
#3
Chloromethane
Concen: 46.651 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 50 Resp: 355227
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0



#4
Vinyl Chloride
Concen: 48.801 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 62 Resp: 380801
Ion Ratio Lower Upper
62 100
64 32.3 24.9 37.3

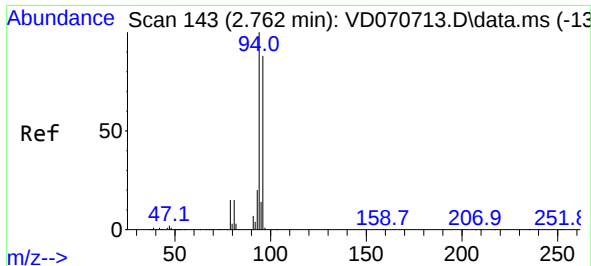


Instrument :
MSVOA_D
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#5
Bromomethane
Concen: 46.611 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

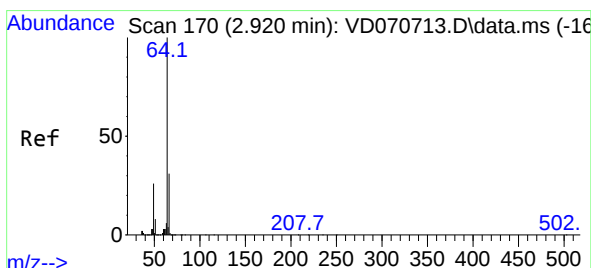
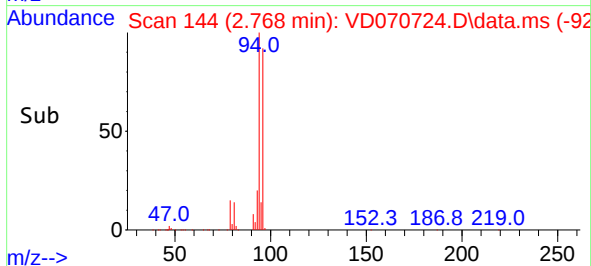
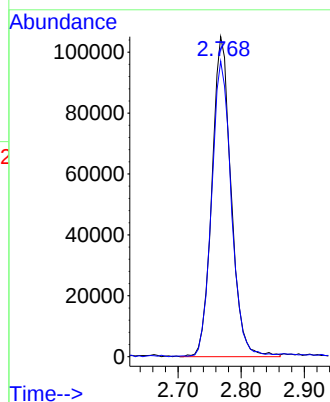
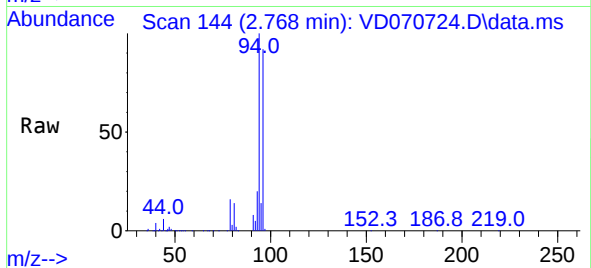
Tgt Ion: 94 Resp: 221771
Ion Ratio Lower Upper
94 100
96 92.2 75.5 113.3

Instrument :
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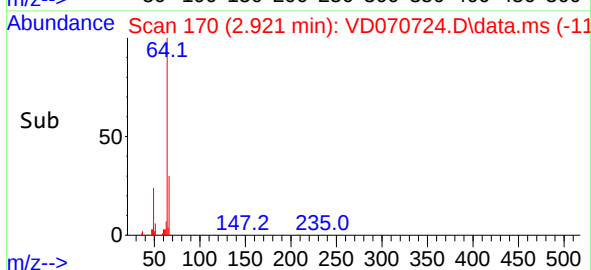
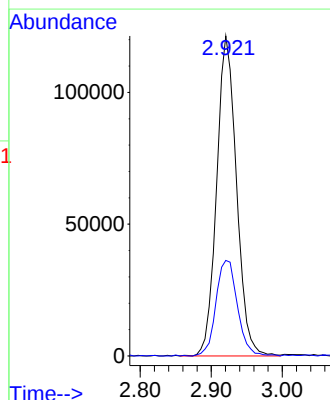
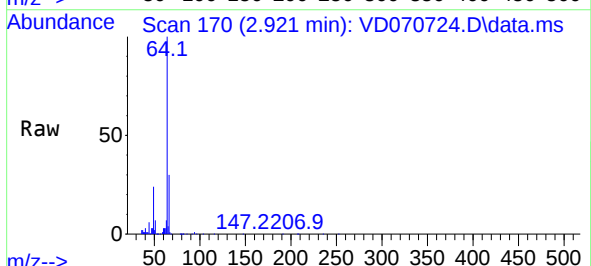
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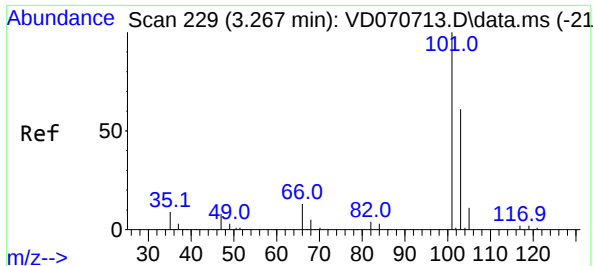
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#6
Chloroethane
Concen: 47.882 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 64 Resp: 235288
Ion Ratio Lower Upper
64 100
66 29.9 26.6 40.0





#7
Trichlorofluoromethane
Concen: 48.286 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.006 min
Lab File: VD070724.D
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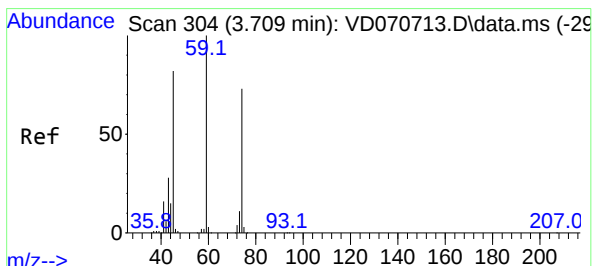
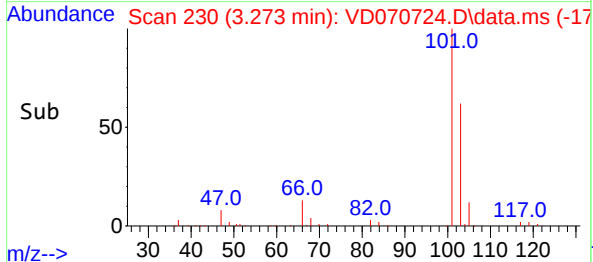
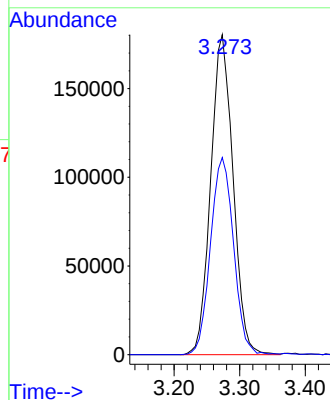
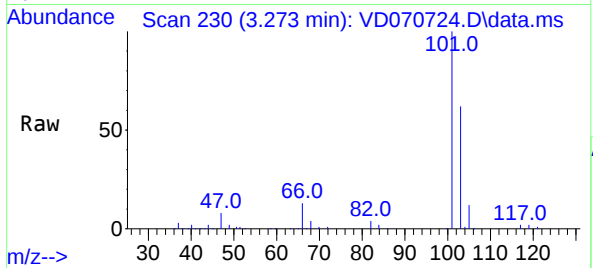
Tgt Ion:101 Resp: 425941
Ion Ratio Lower Upper
101 100
103 61.6 50.1 75.1

Instrument :
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Manual Integrations
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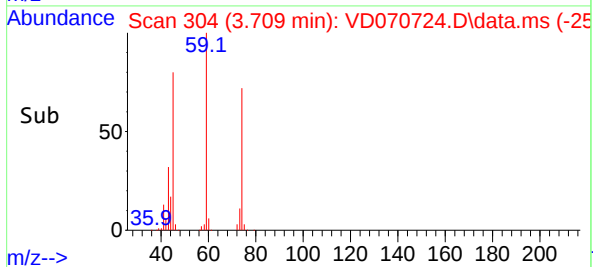
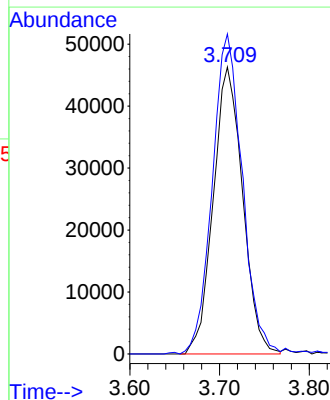
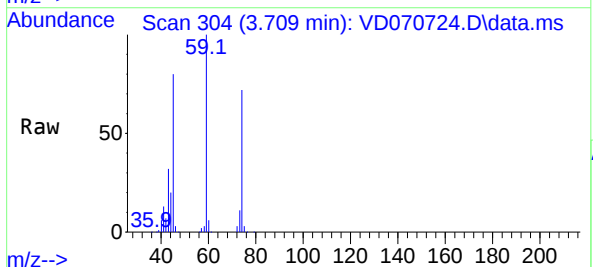
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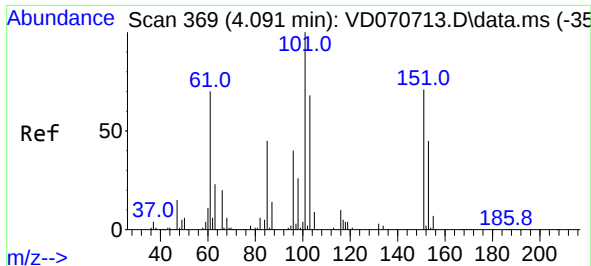
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#8
Diethyl Ether
Concen: 44.793 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 74 Resp: 105276
Ion Ratio Lower Upper
74 100
45 114.3 45.1 135.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.602 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

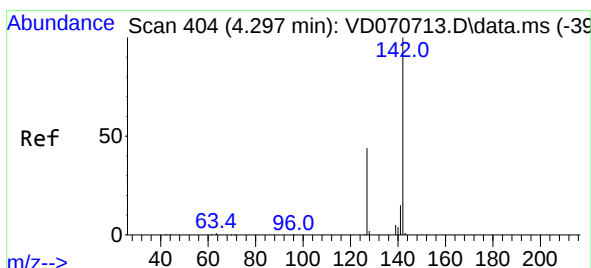
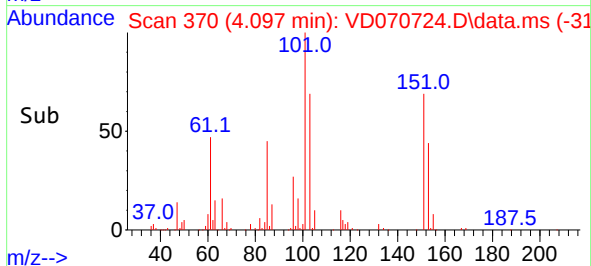
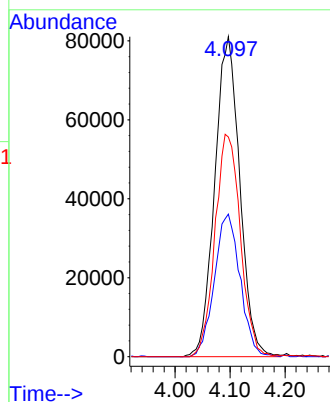
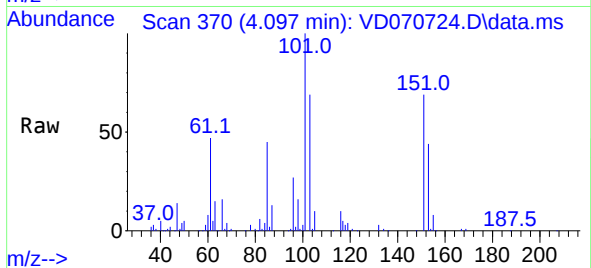
Tgt Ion:	101	Resp:	256449
Ion	Ratio	Lower	Upper
101	100		
85	45.7	35.5	53.3
151	70.6	55.8	83.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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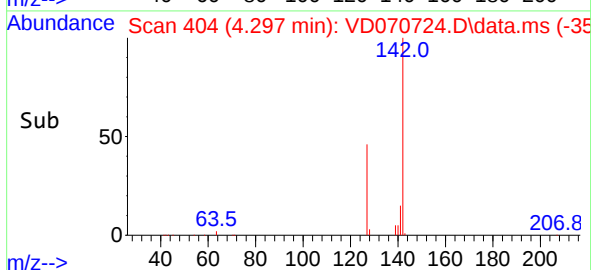
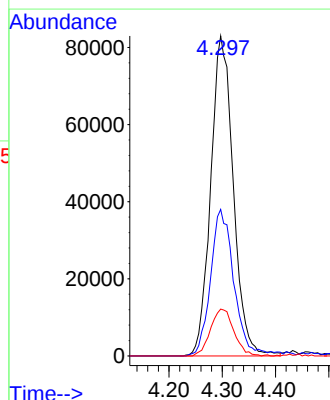
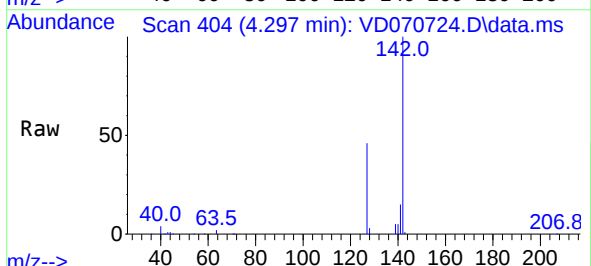
MMDadoda

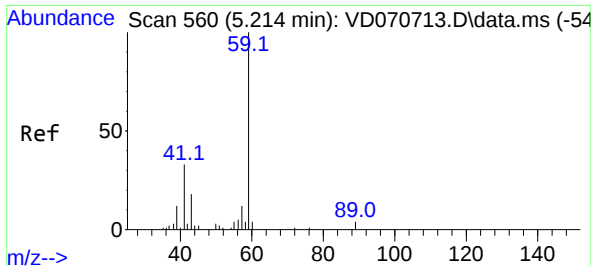
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#10
Methyl Iodide
Concen: 44.950 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion:	142	Resp:	244071
Ion	Ratio	Lower	Upper
142	100		
127	47.0	37.5	56.3
141	15.2	12.1	18.1





#11
Tert butyl alcohol
Concen: 183.958 ug/l
RT: 5.215 min Scan# 560
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

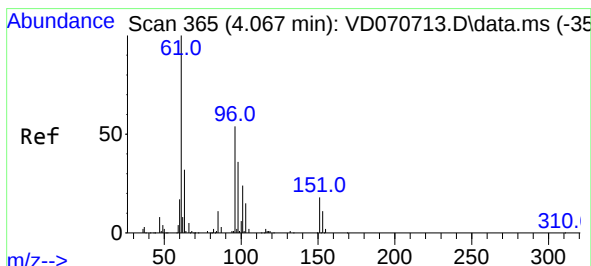
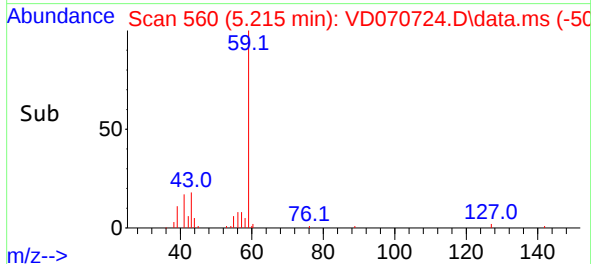
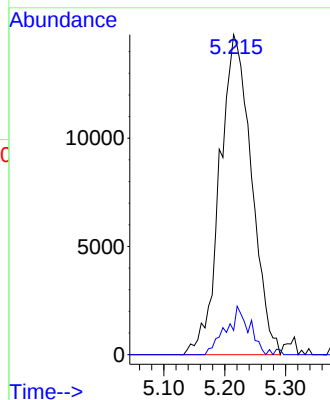
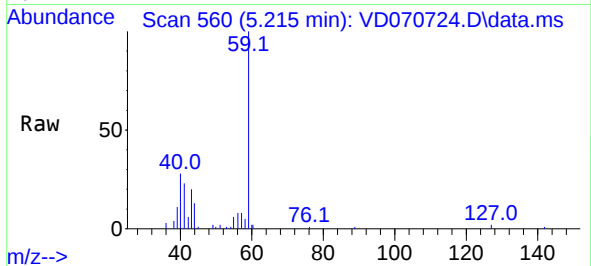
Tgt Ion: 59 Resp: 53537
Ion Ratio Lower Upper
59 100
57 11.0 4.5 6.7#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

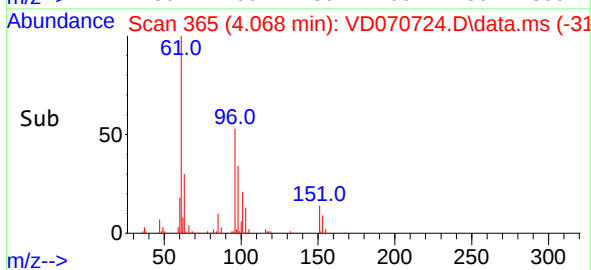
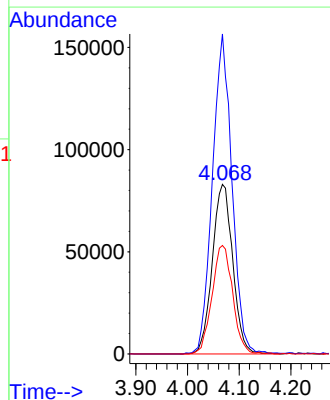
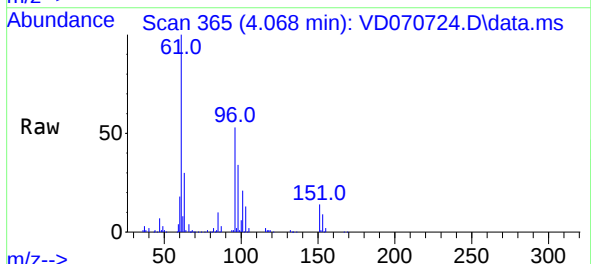
MMDadoda

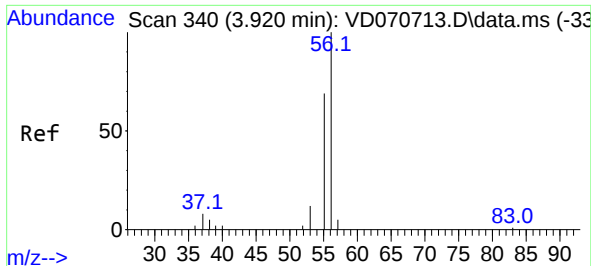
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#12
1,1-Dichloroethene
Concen: 47.864 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 96 Resp: 228364
Ion Ratio Lower Upper
96 100
61 188.7 125.9 188.9
98 64.0 52.3 78.5





#13
Acrolein
Concen: 187.685 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

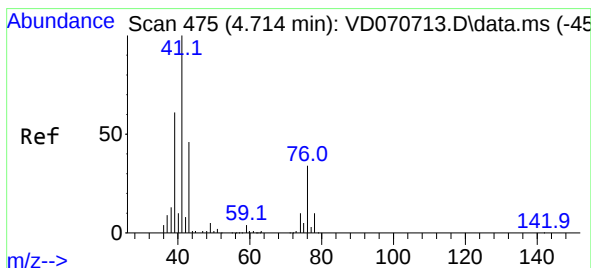
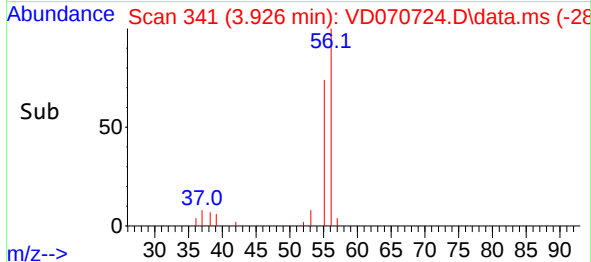
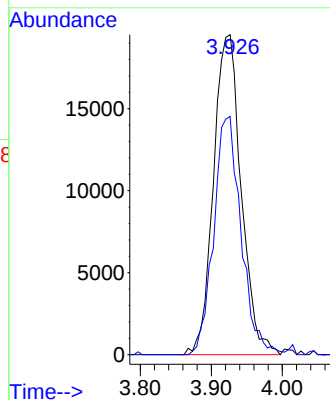
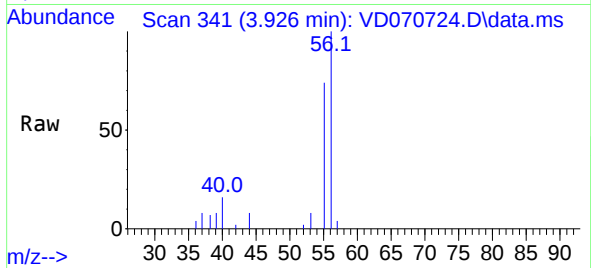
Tgt Ion: 56 Resp: 52867
Ion Ratio Lower Upper
56 100
55 73.4 56.8 85.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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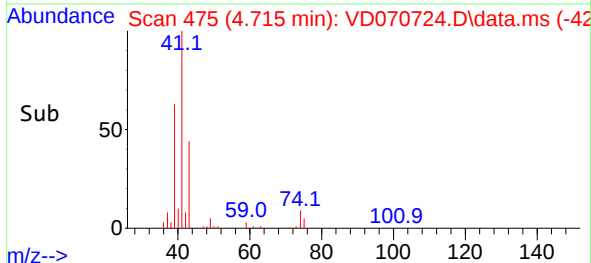
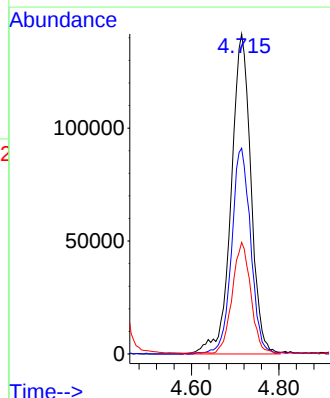
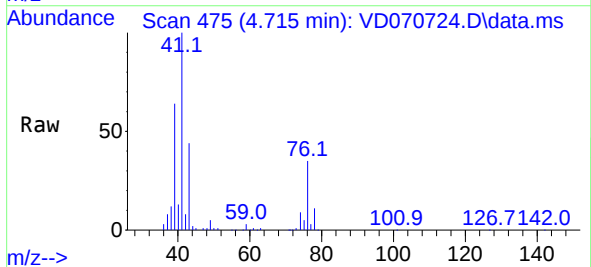
MMDadoda

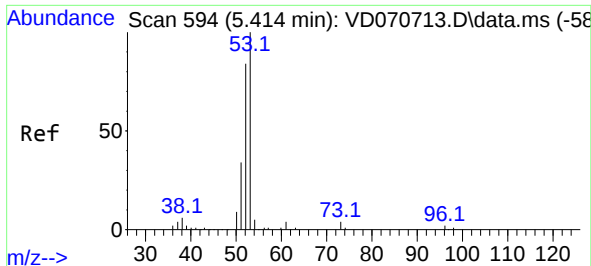
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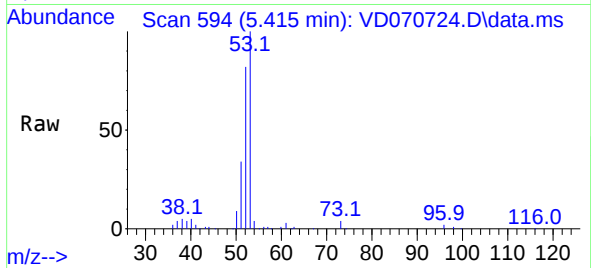
#14
Allyl chloride
Concen: 49.321 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 41 Resp: 445416
Ion Ratio Lower Upper
41 100
39 62.1 46.4 69.6
76 32.4 34.6 51.8#



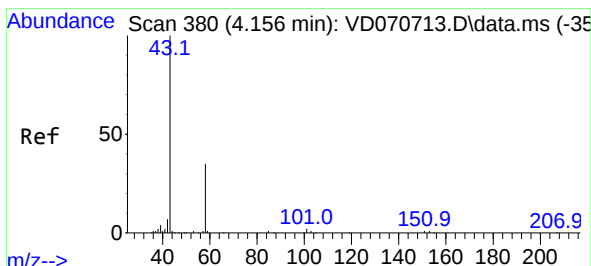
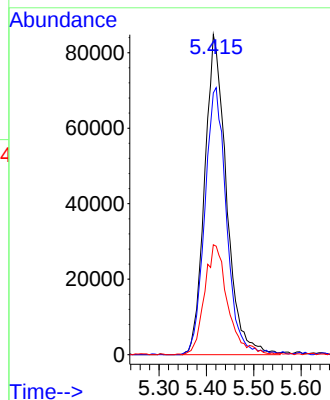
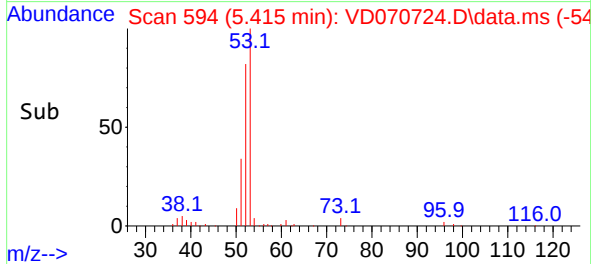


#15
Acrylonitrile
Concen: 218.931 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

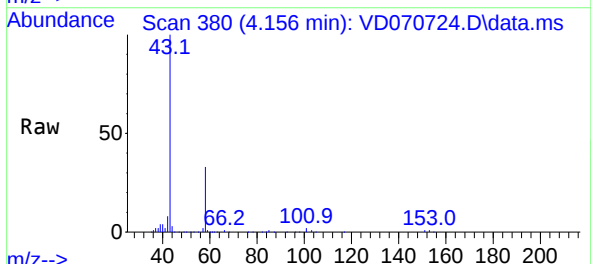


Tgt Ion: 53 Resp: 270938

Ion	Ratio	Lower	Upper
53	100		
52	83.1	64.6	97.0
51	36.7	28.7	43.1

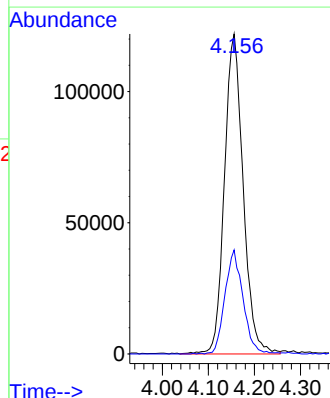
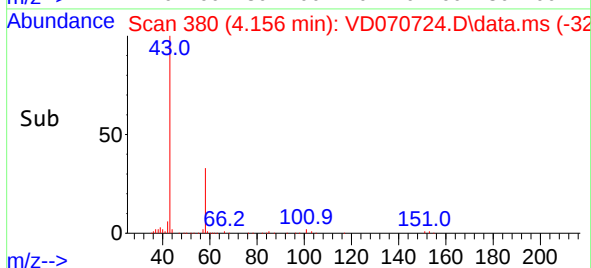


#16
Acetone
Concen: 273.836 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 43 Resp: 343363

Ion	Ratio	Lower	Upper
43	100		
58	32.5	28.2	42.2

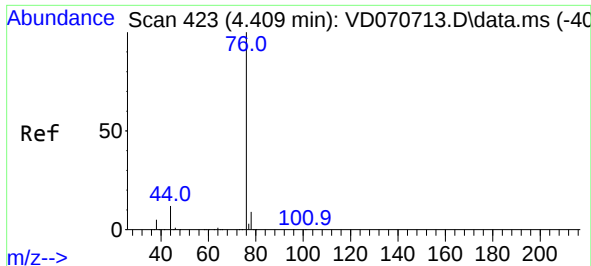


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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#17
Carbon Disulfide
Concen: 49.925 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

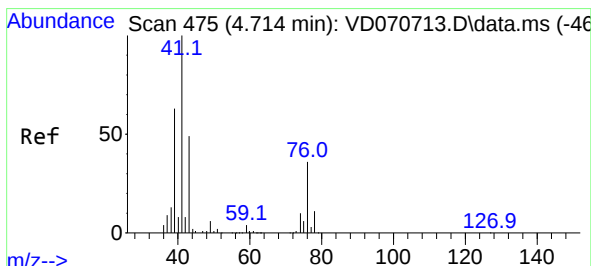
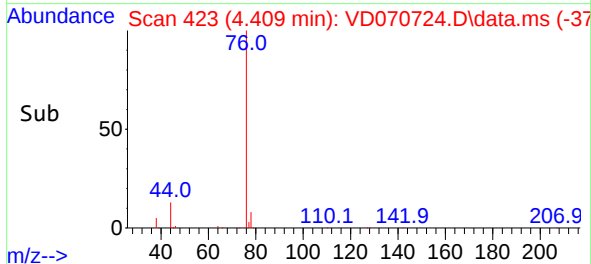
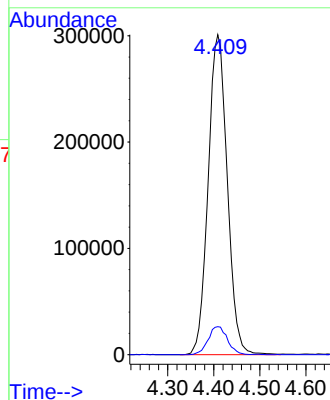
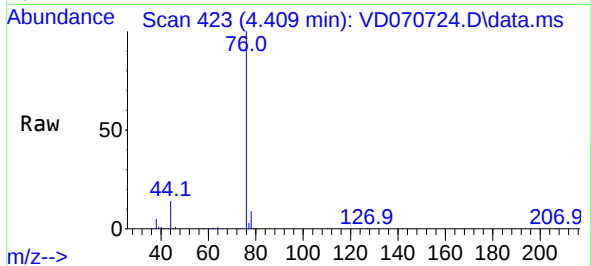
Tgt Ion: 76 Resp: 867951
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

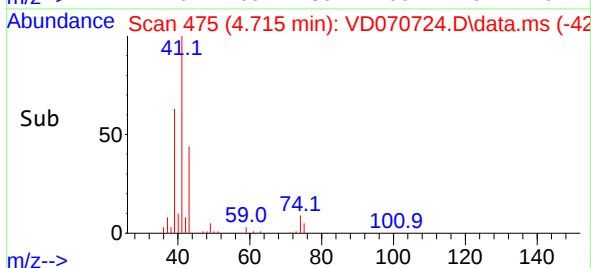
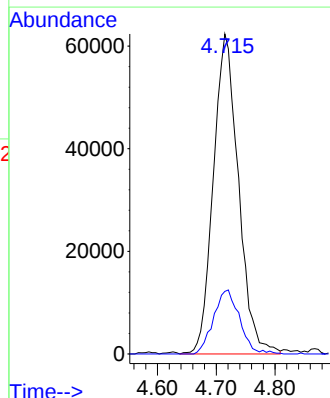
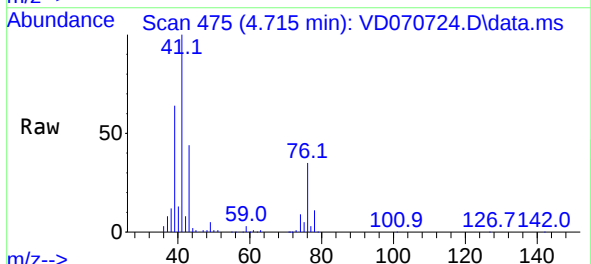
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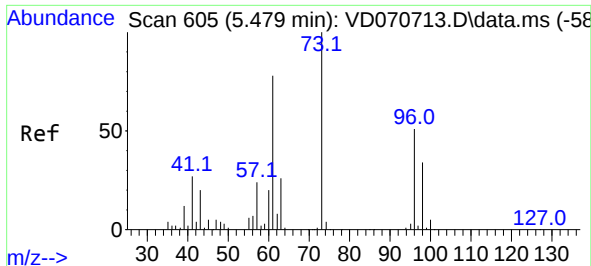
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#18
Methyl Acetate
Concen: 42.462 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 43 Resp: 185073
Ion Ratio Lower Upper
43 100
74 20.8 22.6 33.8#





#19
Methyl tert-butyl Ether
Concen: 46.556 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

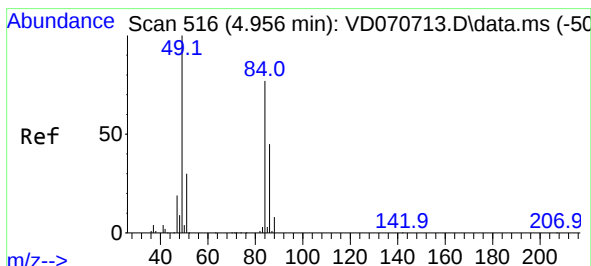
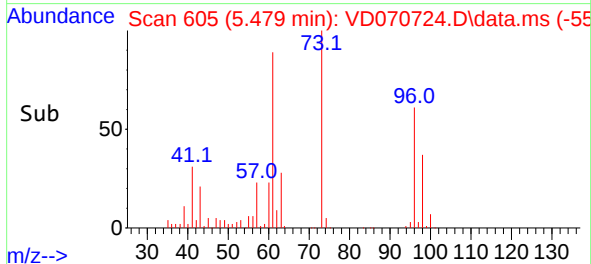
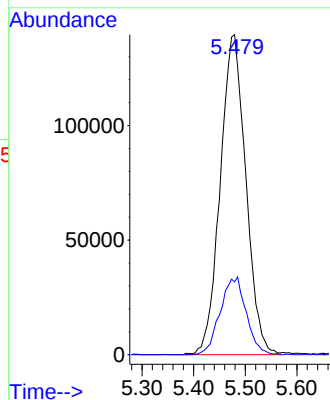
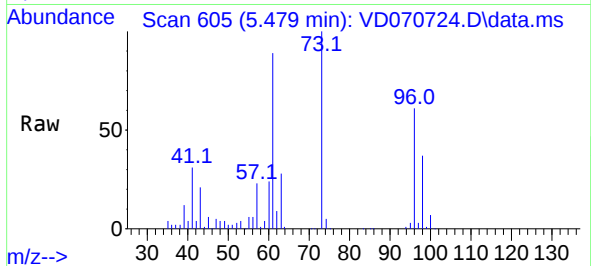
Tgt Ion: 73 Resp: 480222
Ion Ratio Lower Upper
73 100
57 22.8 18.1 27.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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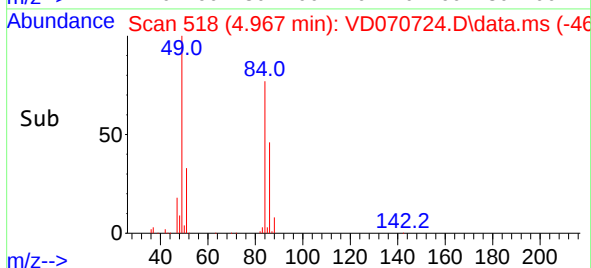
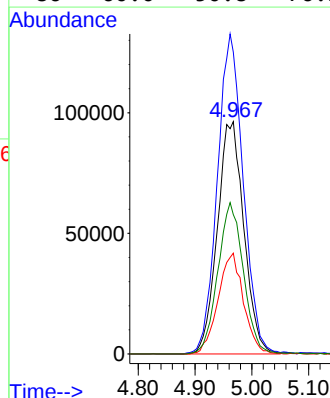
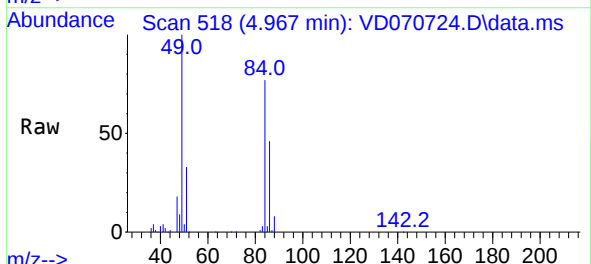
MMDadoda

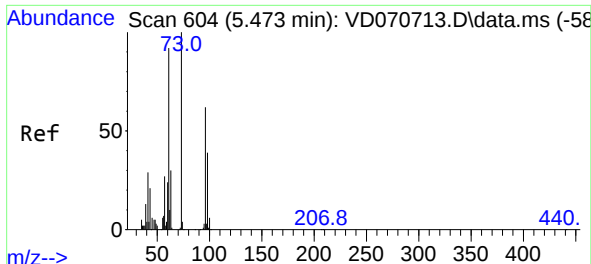
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#20
Methylene Chloride
Concen: 49.458 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.011 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

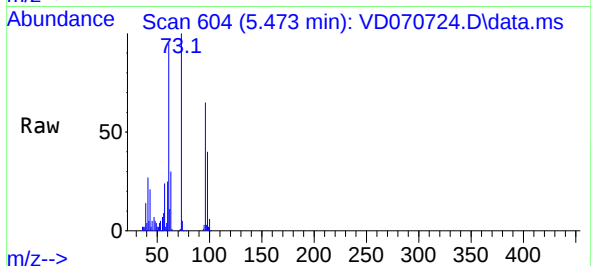
Tgt Ion: 84 Resp: 312275
Ion Ratio Lower Upper
84 100
49 129.9 91.4 137.2
51 43.4 26.7 40.1#
86 60.0 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 50.437 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

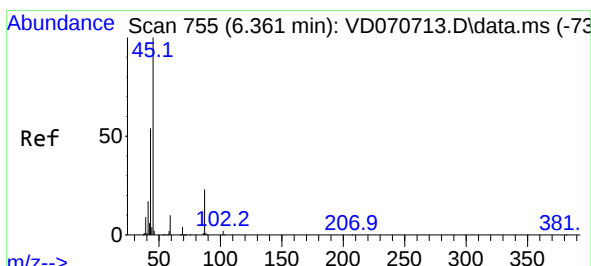
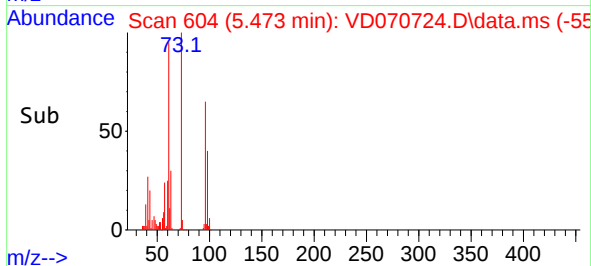
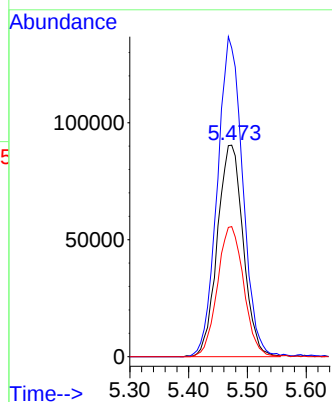


Tgt Ion: 96 Resp: 276058
Ion Ratio Lower Upper
96 100
61 145.9 111.1 166.7
98 61.5 51.9 77.9

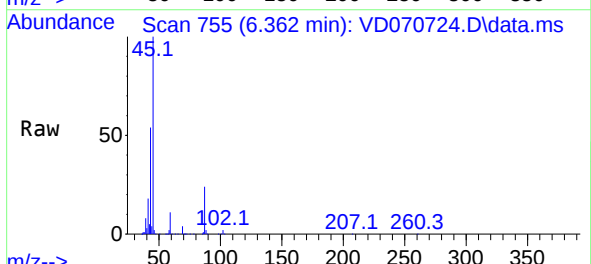
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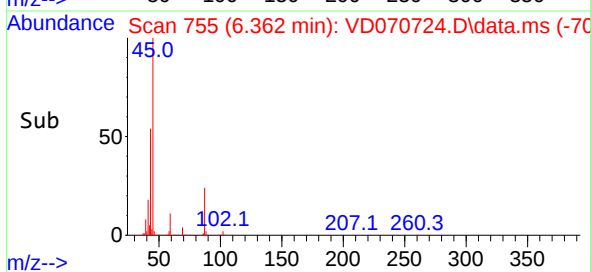
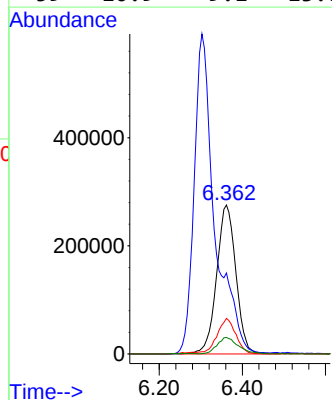
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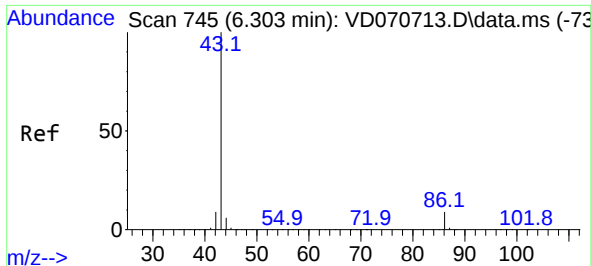


#22
Diisopropyl ether
Concen: 50.484 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 45 Resp: 887657
Ion Ratio Lower Upper
45 100
43 53.7 40.6 61.0
87 23.7 24.6 37.0#
59 10.9 9.1 13.7





#23
 Vinyl Acetate
 Concen: 220.968 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070724.D
 Acq: 18 Oct 2021 12:26

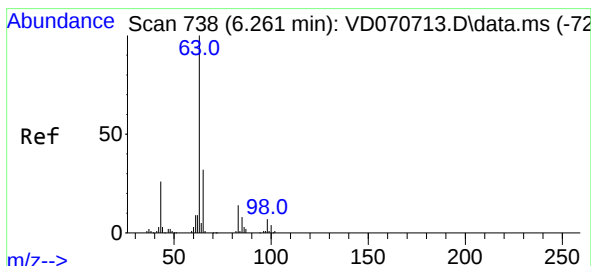
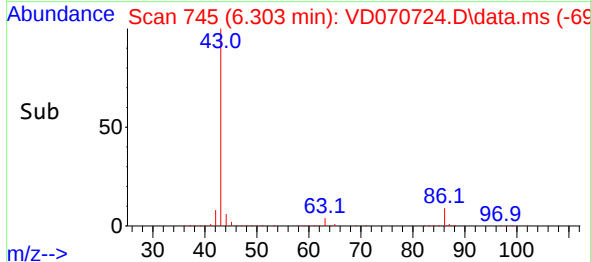
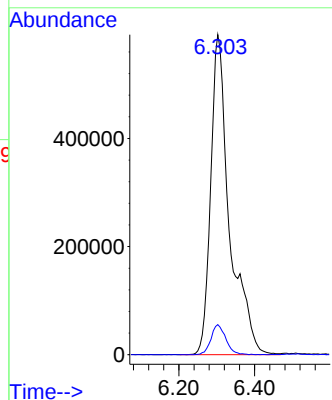
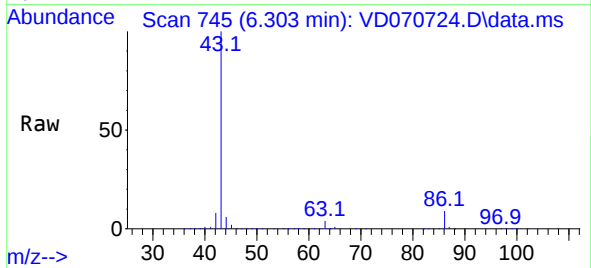
Tgt Ion: 43 Resp: 2039926
 Ion Ratio Lower Upper
 43 100
 86 9.4 9.8 14.6#

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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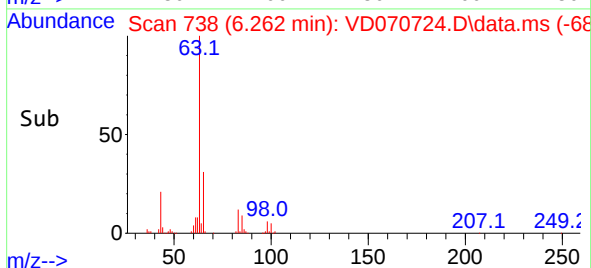
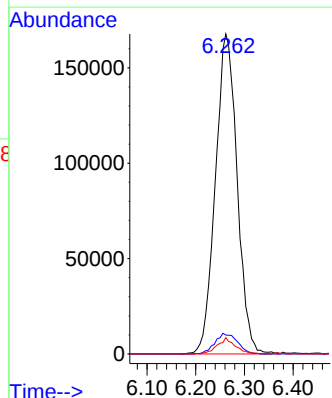
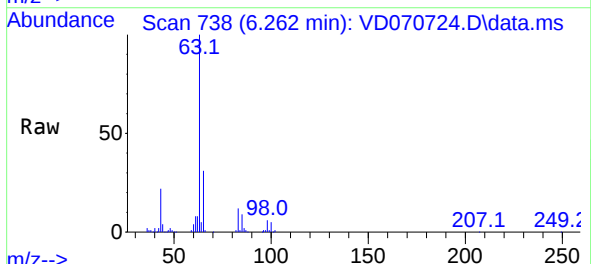
MMDadoda

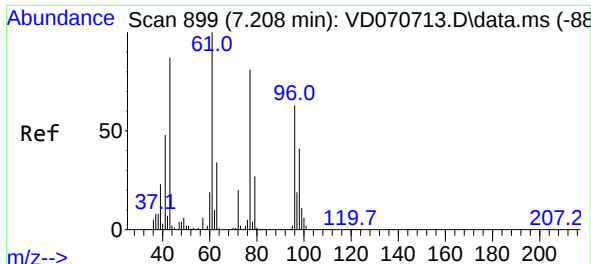
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#24
 1,1-Dichloroethane
 Concen: 47.483 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD070724.D
 Acq: 18 Oct 2021 12:26

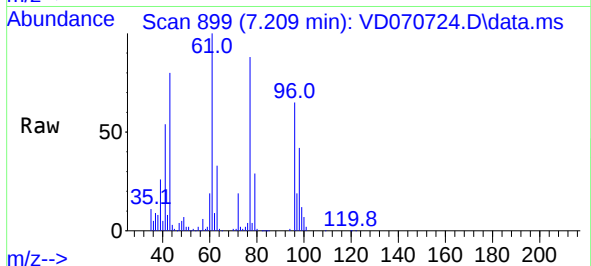
Tgt Ion: 63 Resp: 520114
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.9
 100 5.1 2.4 7.2





#25
2-Butanone
Concen: 234.255 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

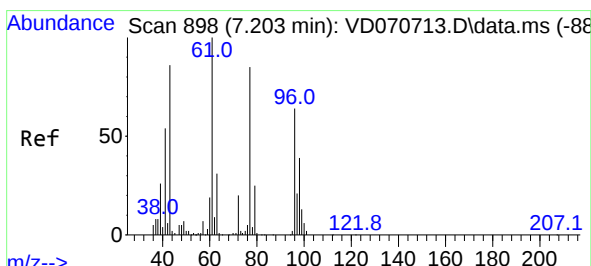
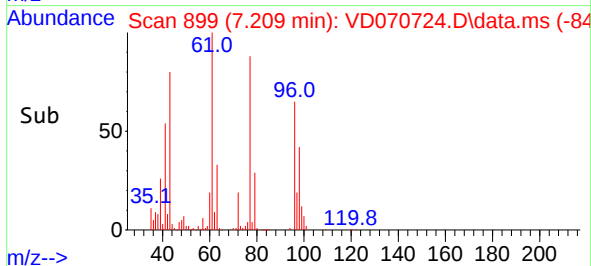
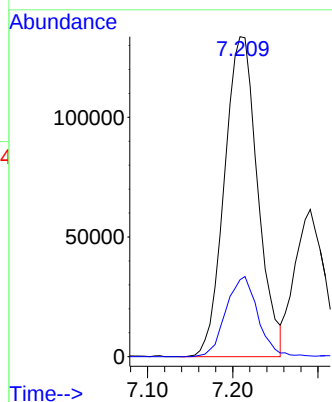


Tgt Ion: 43 Resp: 362874
Ion Ratio Lower Upper
43 100
72 24.1 25.2 37.8#

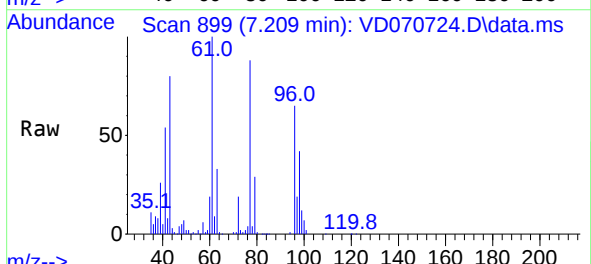
Manual Integrations
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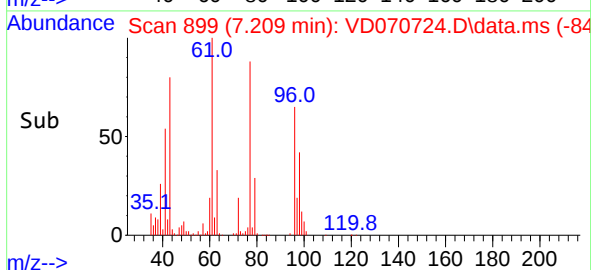
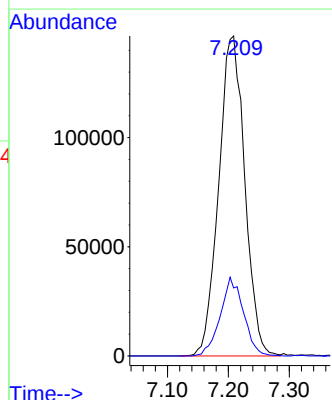
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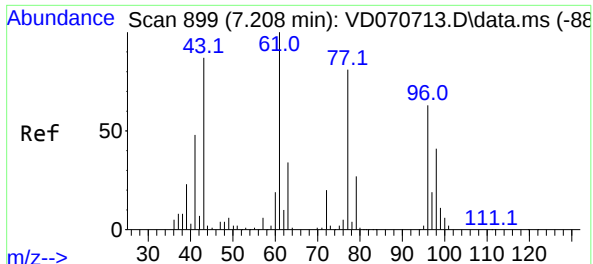


#26
2,2-Dichloropropane
Concen: 50.245 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 77 Resp: 435297
Ion Ratio Lower Upper
77 100
97 22.0 11.9 35.7





#27
cis-1,2-Dichloroethene
Concen: 47.947 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

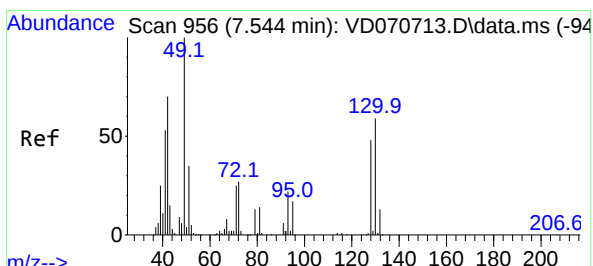
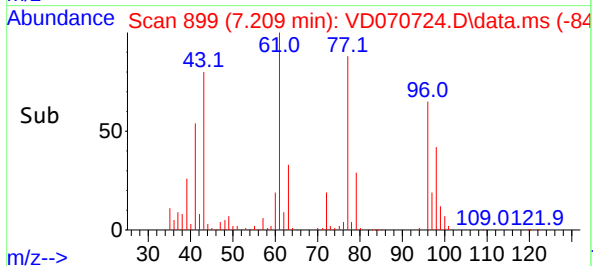
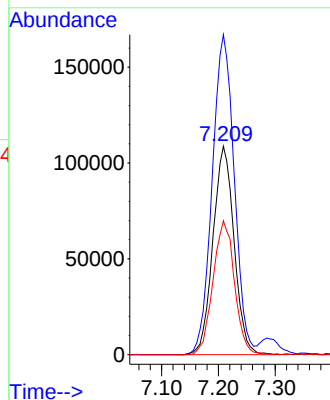
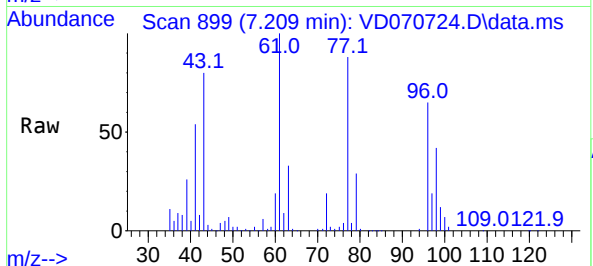
Tgt Ion:	96	Resp:	281403
Ion	Ratio	Lower	Upper
96	100		
61	159.4	0.0	278.2
98	65.3	0.0	128.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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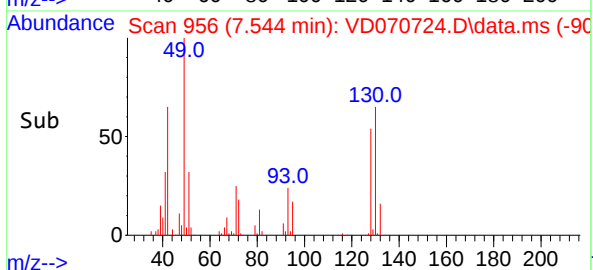
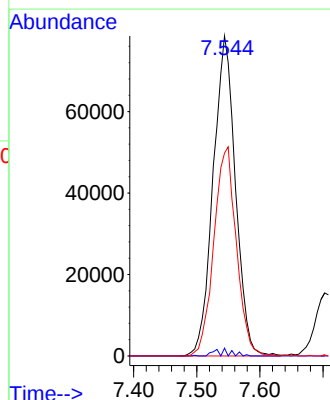
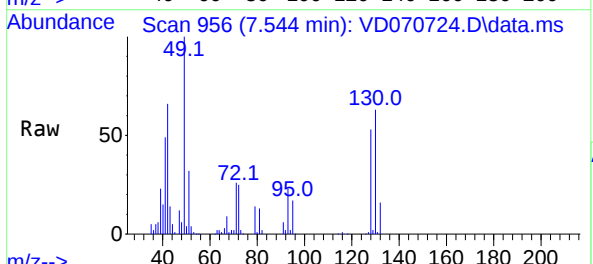
MMDadoda

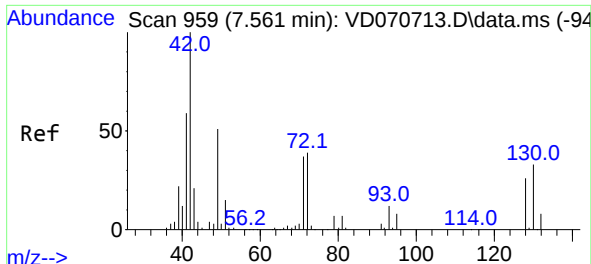
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#28
Bromochloromethane
Concen: 44.393 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion:	49	Resp:	193325
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.8
130	65.8	62.4	93.6





#29
Tetrahydrofuran
Concen: 225.749 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

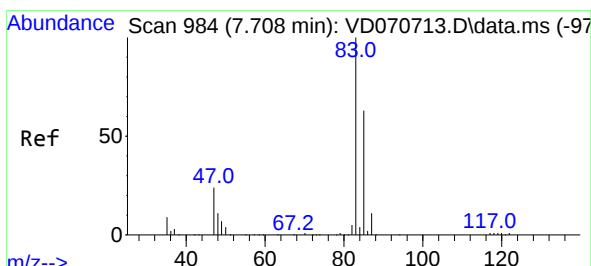
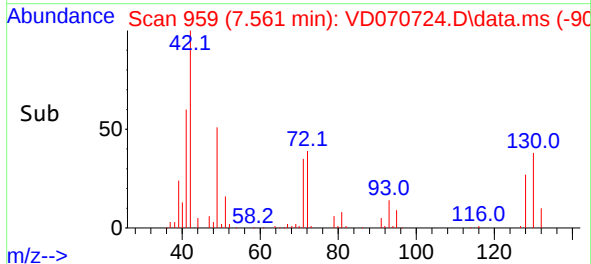
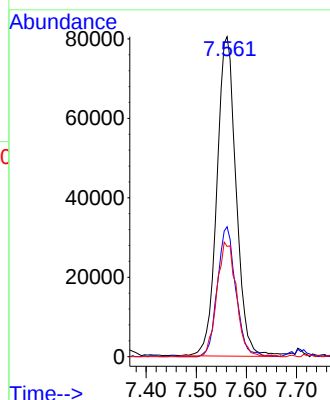
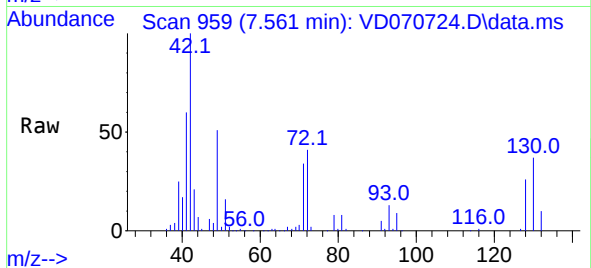
Tgt Ion: 42 Resp: 214075
Ion Ratio Lower Upper
42 100
72 38.9 40.2 60.4#
71 36.1 37.2 55.8#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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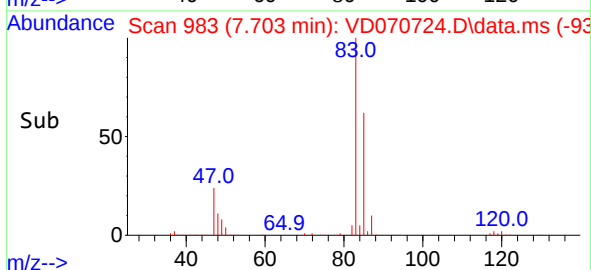
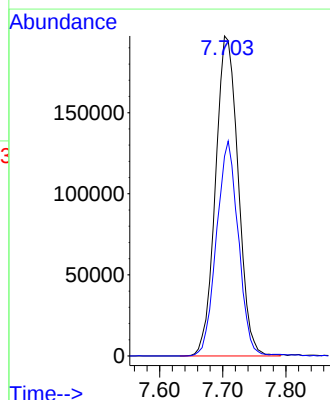
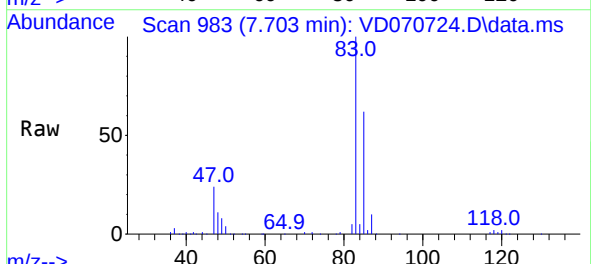
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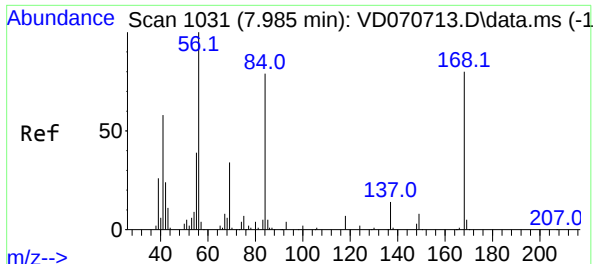
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#30
Chloroform
Concen: 46.099 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

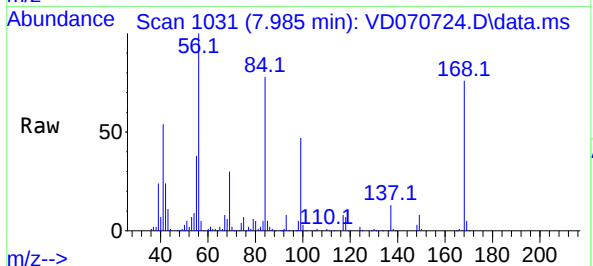
Tgt Ion: 83 Resp: 493343
Ion Ratio Lower Upper
83 100
85 62.4 51.2 76.8





#31
Cyclohexane
Concen: 49.324 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

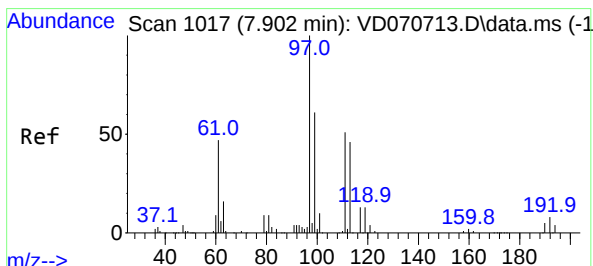
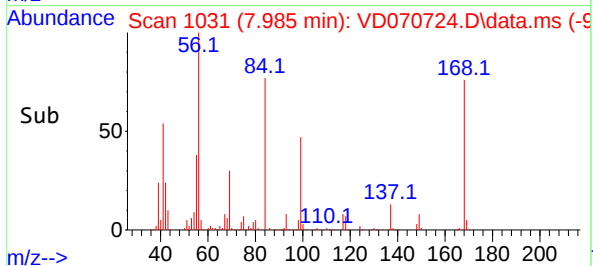
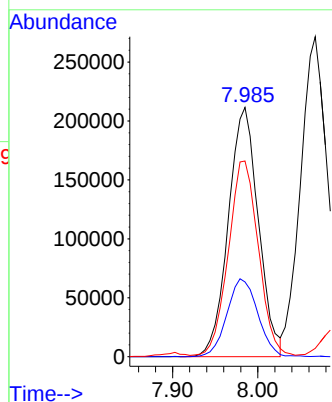


Tgt Ion: 56 Resp: 518780
Ion Ratio Lower Upper
56 100
69 29.9 27.4 41.2
84 77.5 73.6 110.4

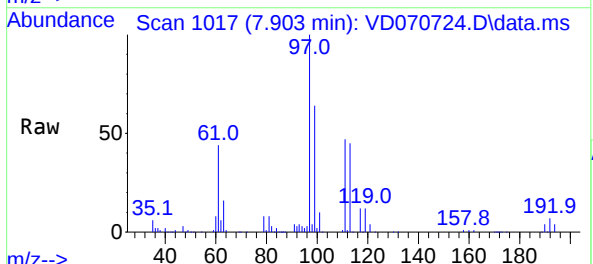
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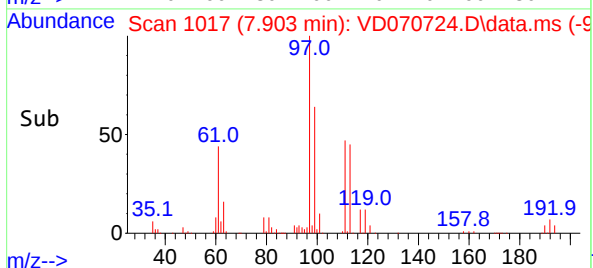
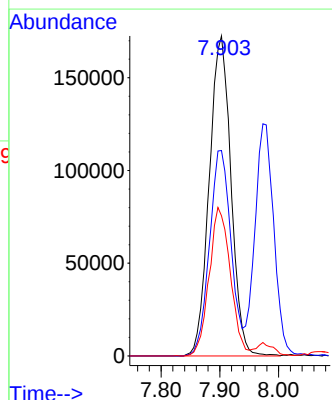
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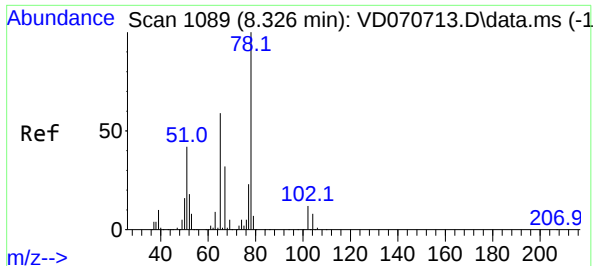


#32
1,1,1-Trichloroethane
Concen: 48.684 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

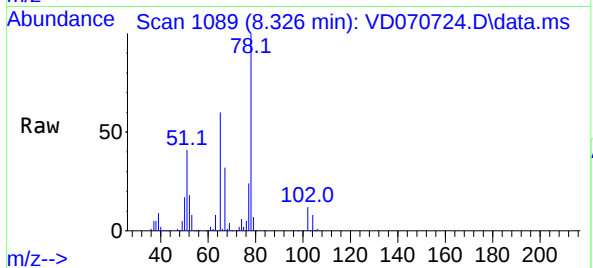


Tgt Ion: 97 Resp: 441996
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 45.5 32.5 48.7

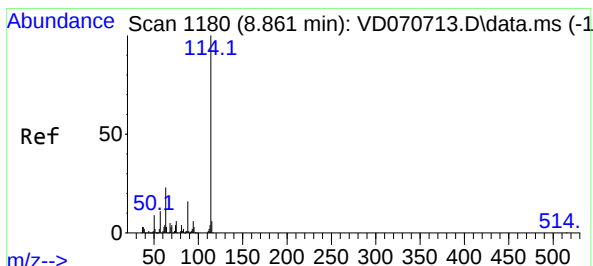
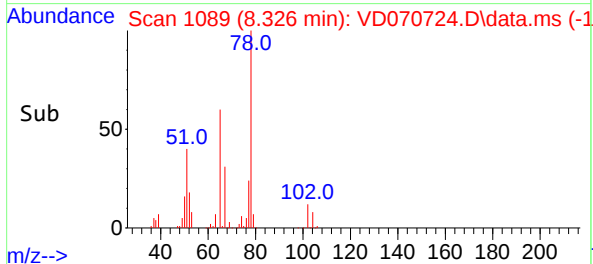
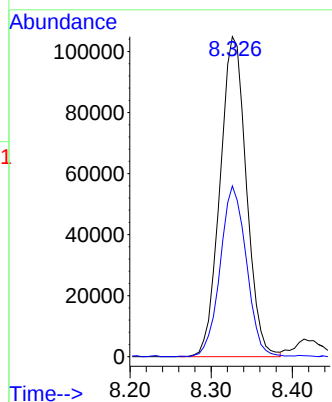




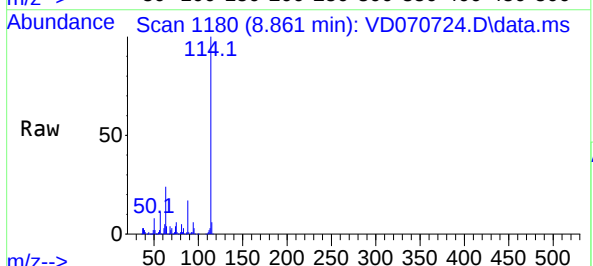
#33
1,2-Dichloroethane-d4
Concen: 45.536 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



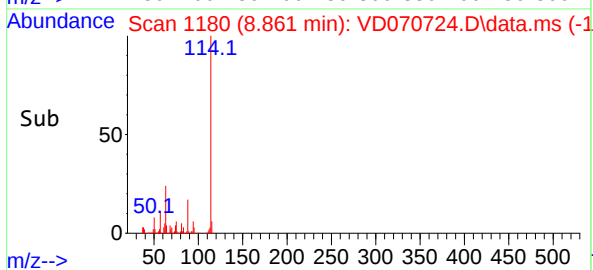
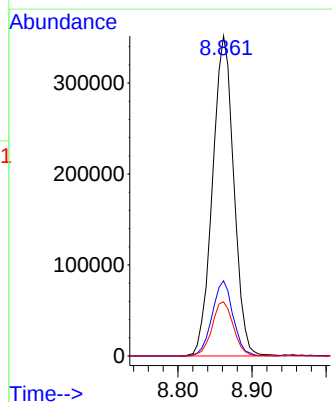
Tgt Ion: 65 Resp: 236731
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 114 Resp: 700824
Ion Ratio Lower Upper
114 100
63 23.5 0.0 41.8
88 16.9 0.0 32.6

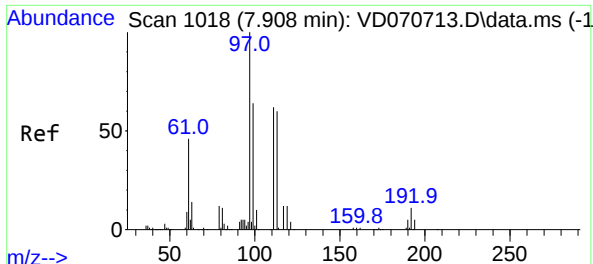


Instrument :
MSVOA_D
ClientSampleId :
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#35
Dibromofluoromethane
Concen: 48.720 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

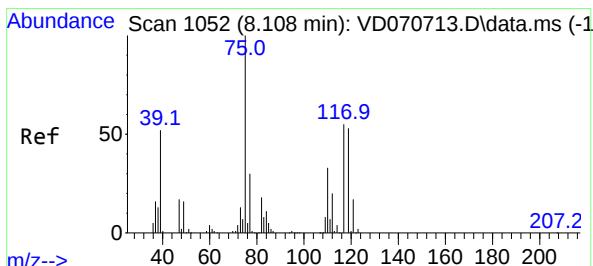
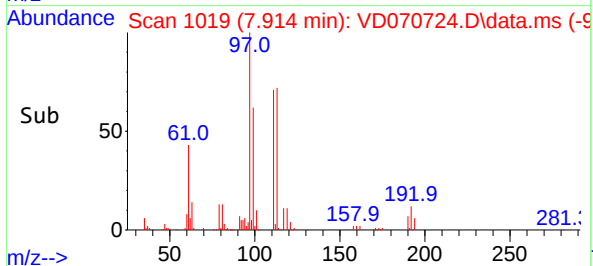
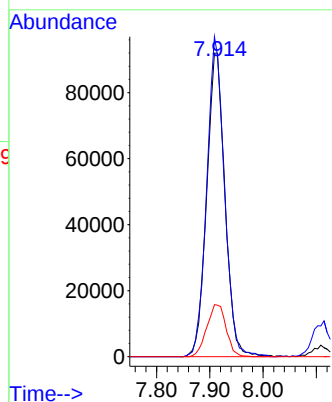
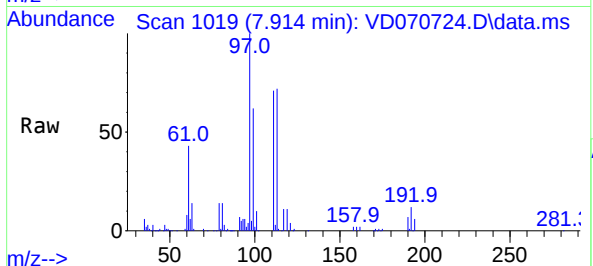
Tgt Ion: 113 Resp: 218627
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 18.2 12.7 19.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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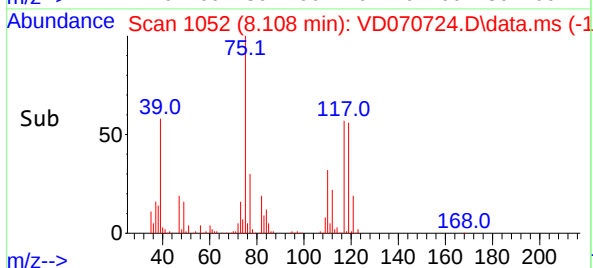
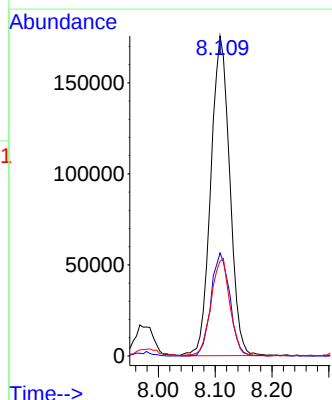
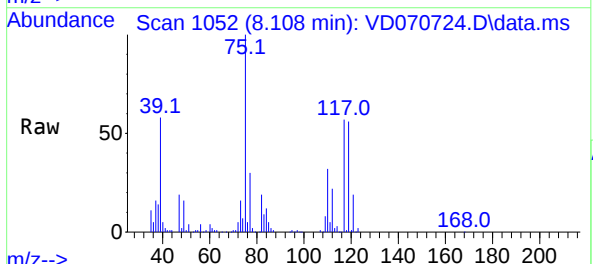
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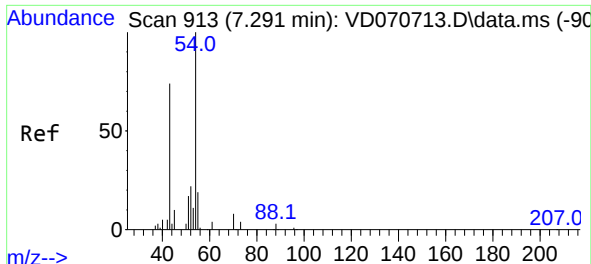
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#36
1,1-Dichloropropene
Concen: 51.965 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

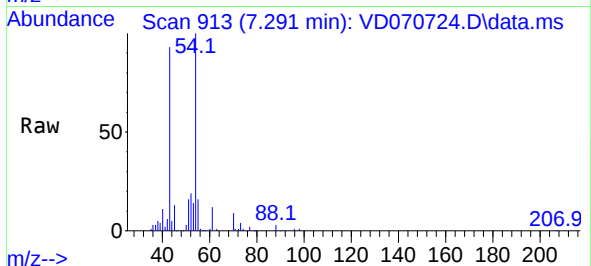
Tgt Ion: 75 Resp: 405703
Ion Ratio Lower Upper
75 100
110 31.9 17.2 51.6
77 30.6 24.2 36.4





#37
Ethyl Acetate
Concen: 47.353 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

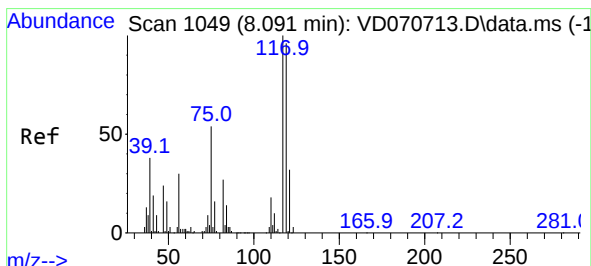
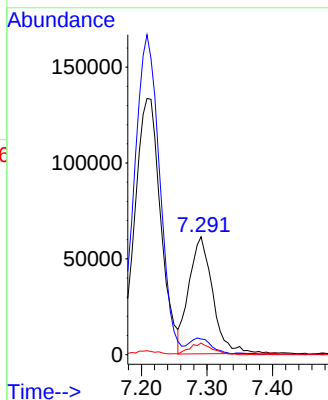
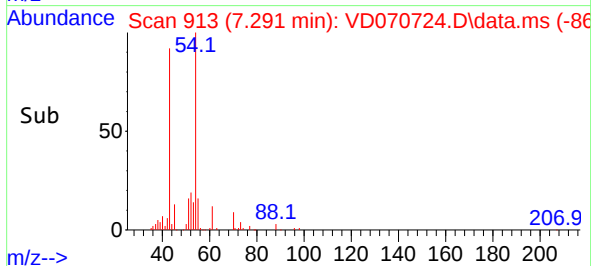


Tgt Ion: 43 Resp: 153164
Ion Ratio Lower Upper
43 100
61 12.2 12.9 19.3#
70 9.6 9.9 14.9#

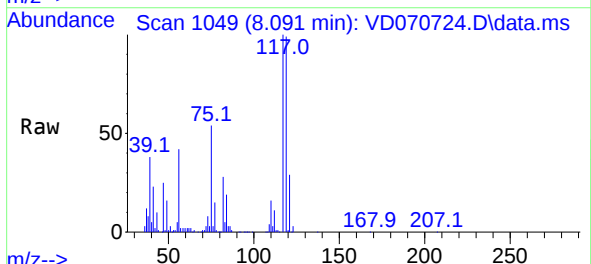
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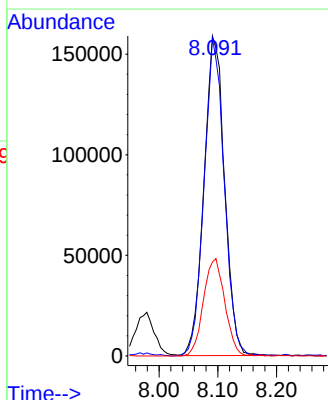
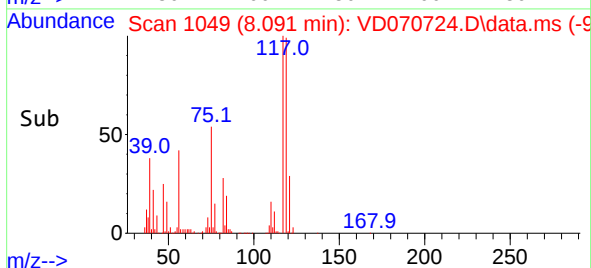
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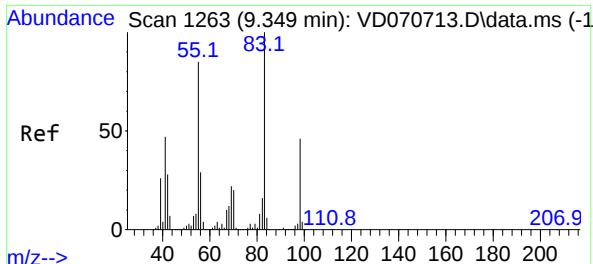


#38
Carbon Tetrachloride
Concen: 51.772 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



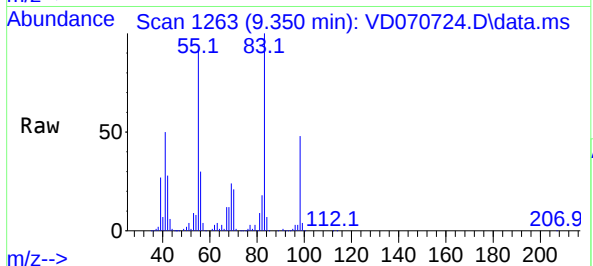
Tgt Ion: 117 Resp: 387137
Ion Ratio Lower Upper
117 100
119 99.3 77.4 116.0
121 29.4 25.4 38.0





#39
Methylcyclohexane
Concen: 53.766 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.001 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

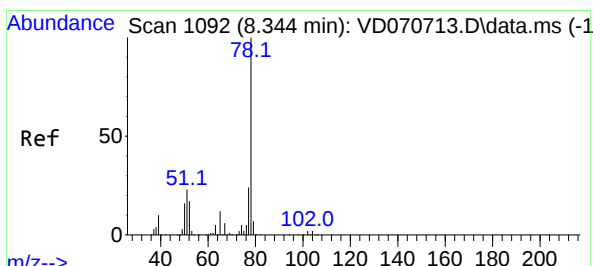
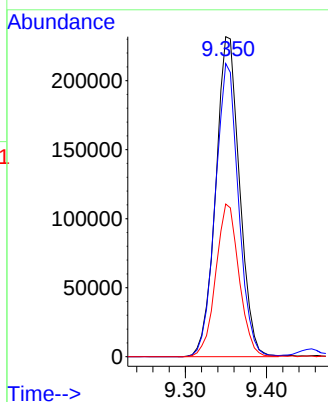
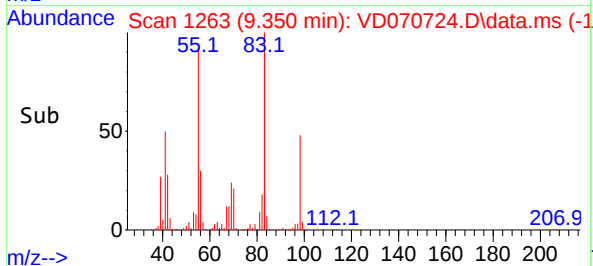


Tgt Ion: 83 Resp: 473376
Ion Ratio Lower Upper
83 100
55 91.6 58.2 87.4#
98 47.7 36.9 55.3

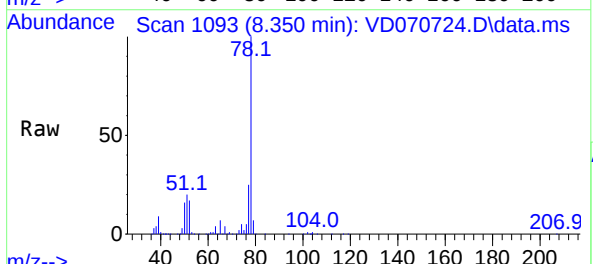
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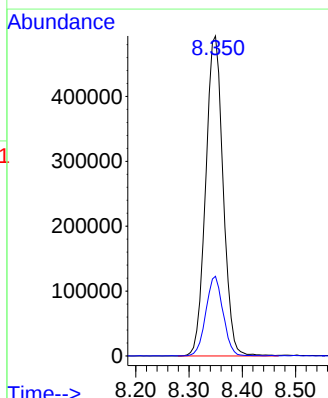
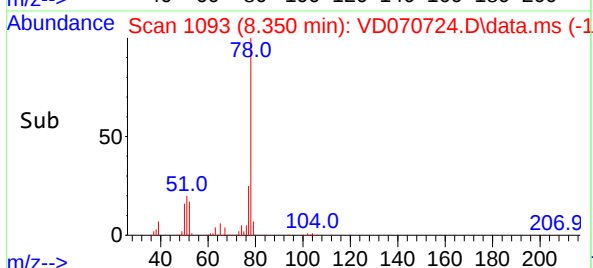
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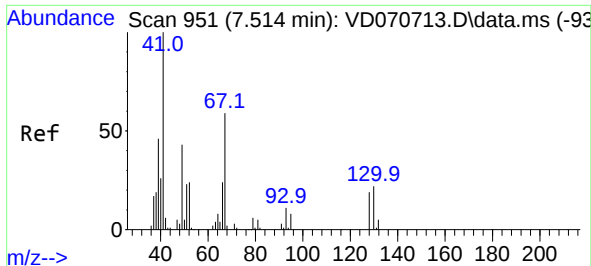


#40
Benzene
Concen: 49.830 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

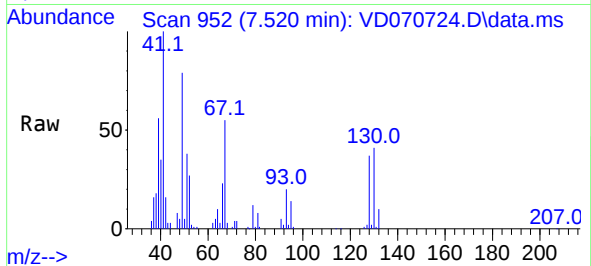


Tgt Ion: 78 Resp: 1120426
Ion Ratio Lower Upper
78 100
77 24.9 18.9 28.3

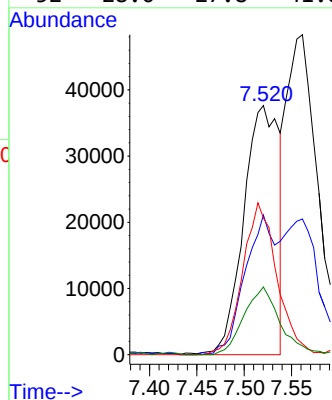




#41
Methacrylonitrile
Concen: 48.122 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 41 Resp: 98001
Ion Ratio Lower Upper
41 100
39 45.6 45.2 67.8
67 58.8 75.8 113.6#
52 28.0 27.8 41.8

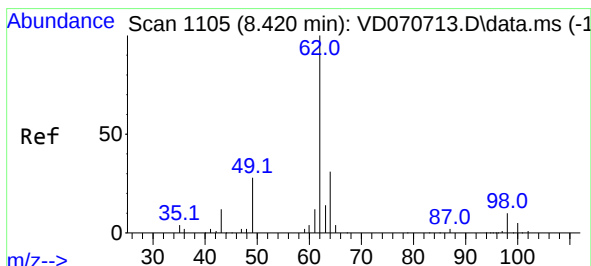
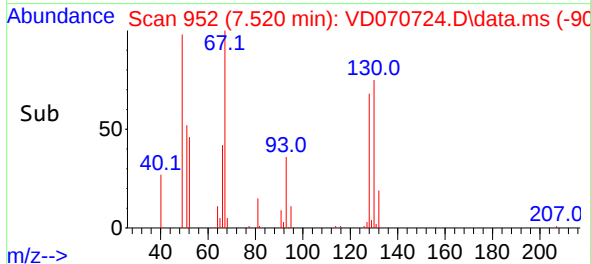


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

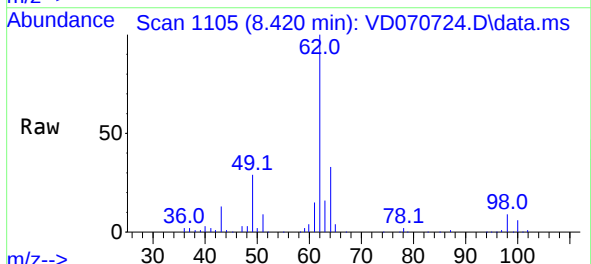
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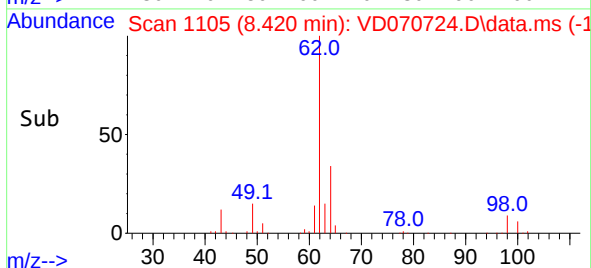
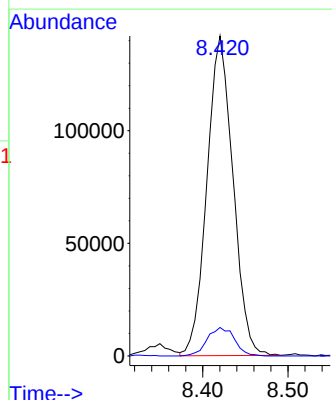
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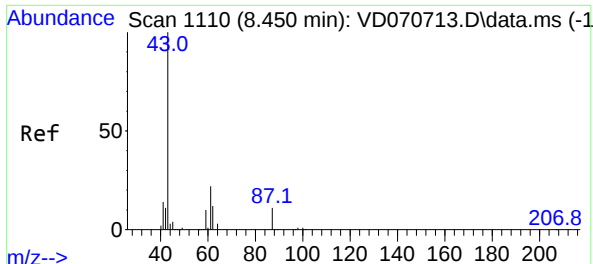


#42
1,2-Dichloroethane
Concen: 47.304 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

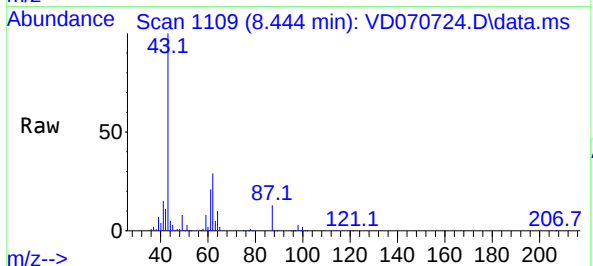


Tgt Ion: 62 Resp: 301866
Ion Ratio Lower Upper
62 100
98 9.3 0.0 22.0

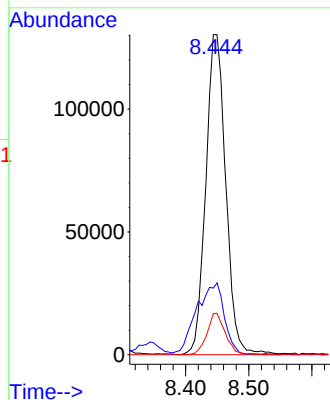
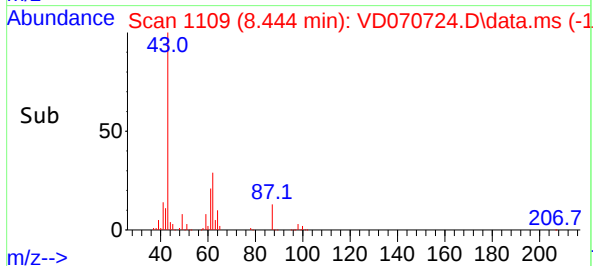




#43
Isopropyl Acetate
Concen: 46.383 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 43 Resp: 286182
Ion Ratio Lower Upper
43 100
61 31.0 29.0 43.4
87 11.9 11.8 17.6

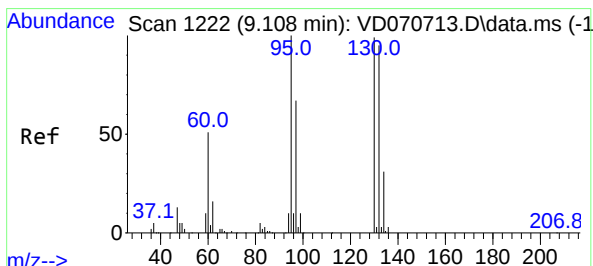


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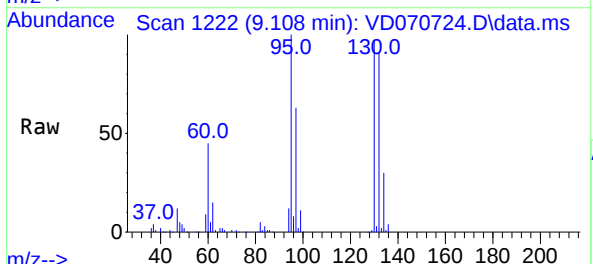
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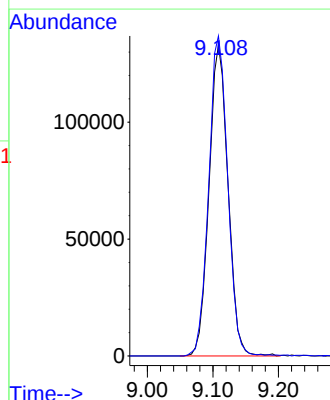
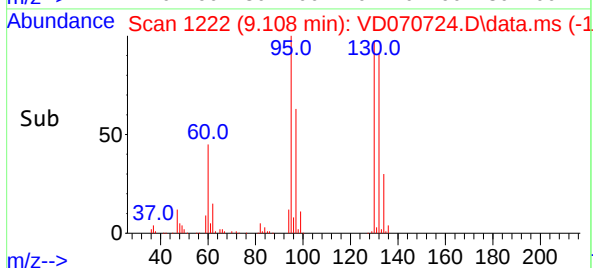
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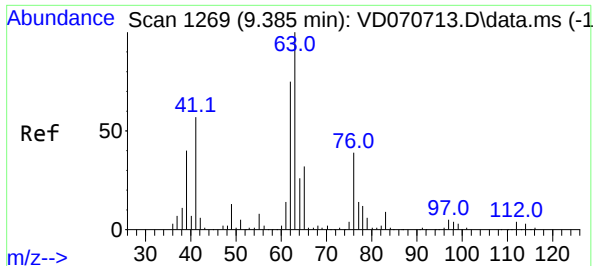


#44
Trichloroethene
Concen: 50.597 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion:130 Resp: 267157
Ion Ratio Lower Upper
130 100
95 102.9 0.0 200.8





#45
1,2-Dichloropropane
Concen: 49.184 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

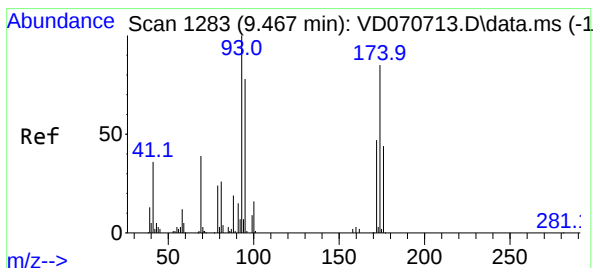
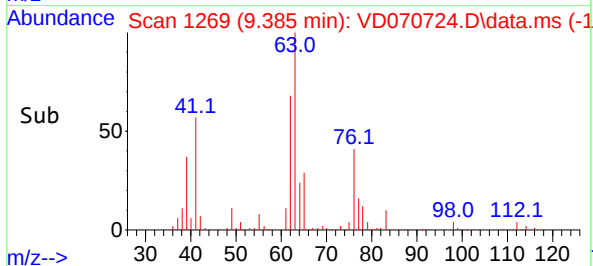
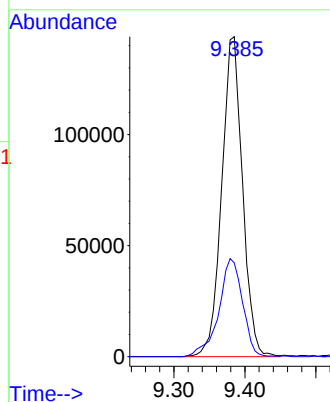
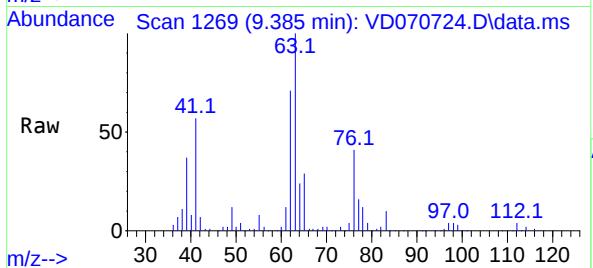
Tgt Ion: 63 Resp: 292196
Ion Ratio Lower Upper
63 100
65 29.3 23.8 35.8

Instrument :
MSVOA_D
ClientSampleId :
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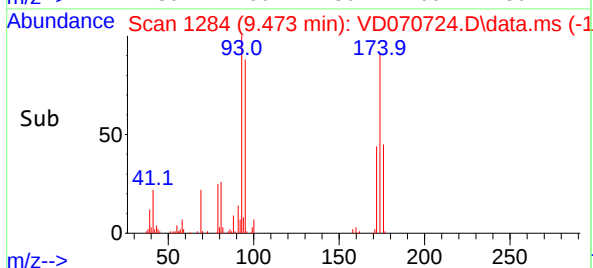
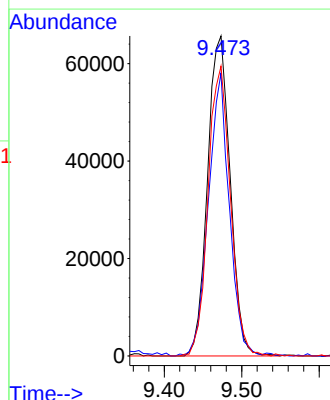
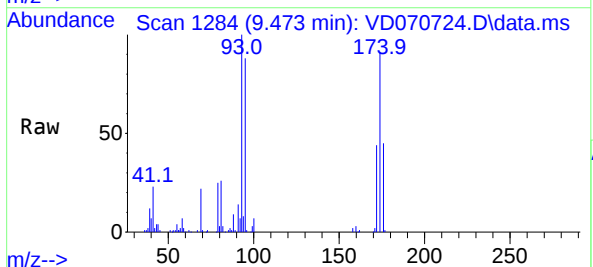
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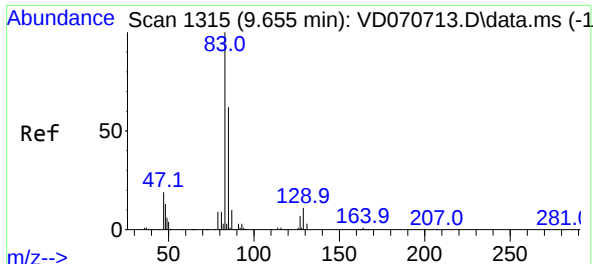
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#46
Dibromomethane
Concen: 46.930 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 93 Resp: 133510
Ion Ratio Lower Upper
93 100
95 81.6 66.5 99.7
174 89.4 66.7 100.1





#47
Bromodichloromethane
Concen: 48.189 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

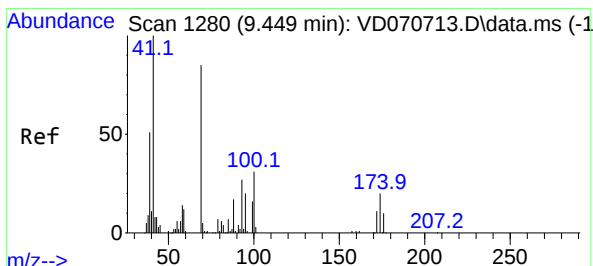
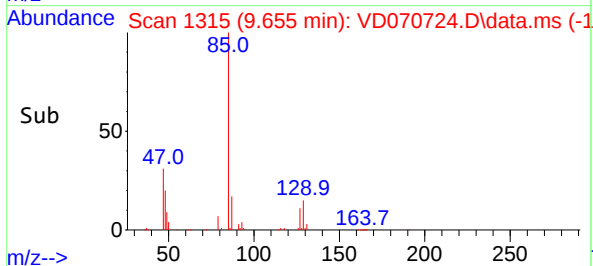
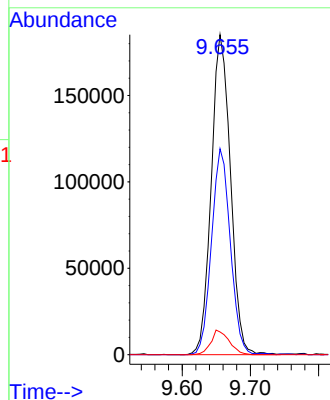
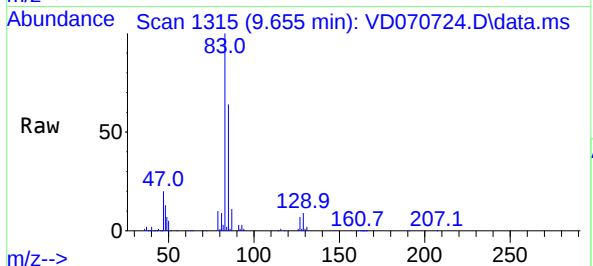
Tgt Ion: 83 Resp: 363679
Ion Ratio Lower Upper
83 100
85 64.4 50.7 76.1
127 7.1 6.5 9.7

Instrument :
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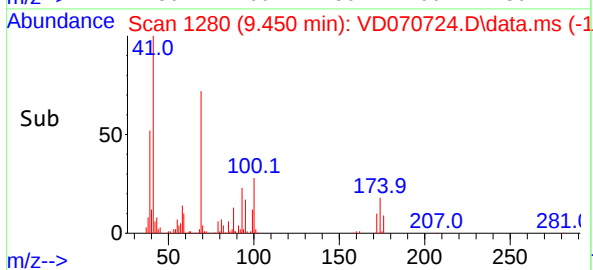
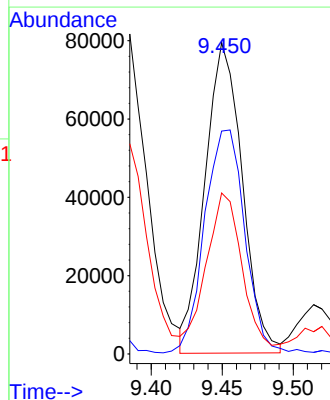
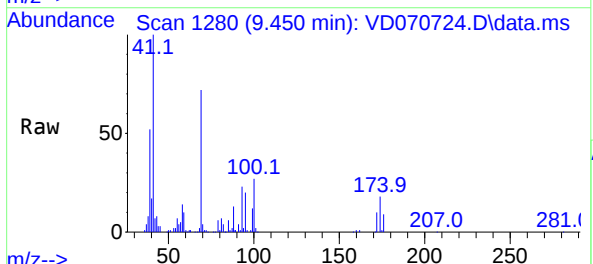
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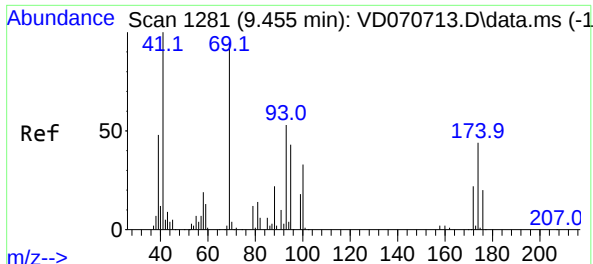
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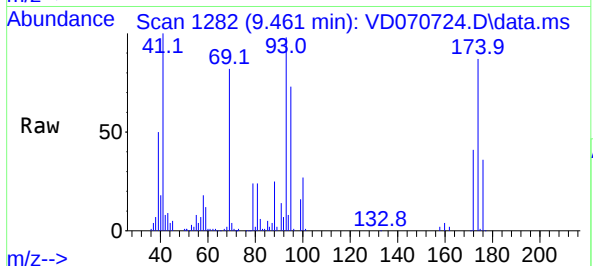
#48
Methyl methacrylate
Concen: 47.905 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 41 Resp: 144791
Ion Ratio Lower Upper
41 100
69 77.4 78.5 117.7#
39 44.9 34.9 52.3

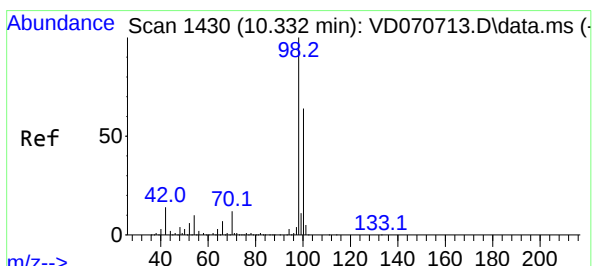
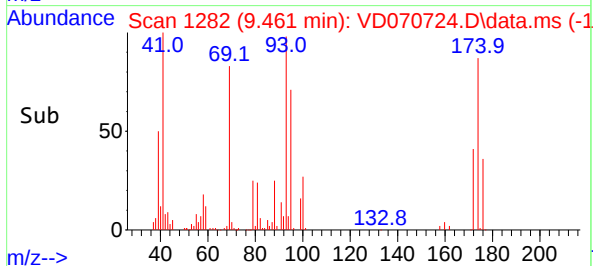
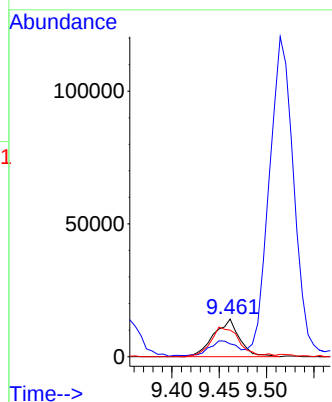




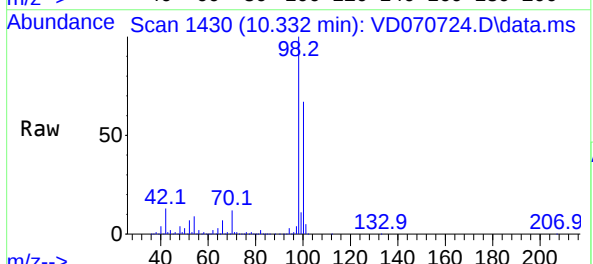
#49
1,4-Dioxane
Concen: 880.965 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



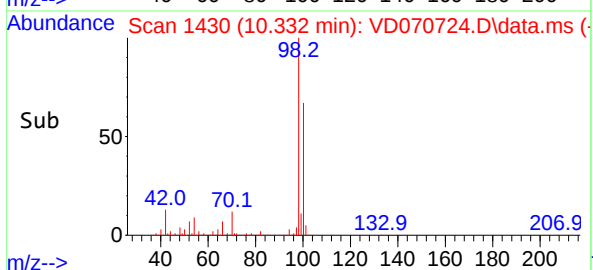
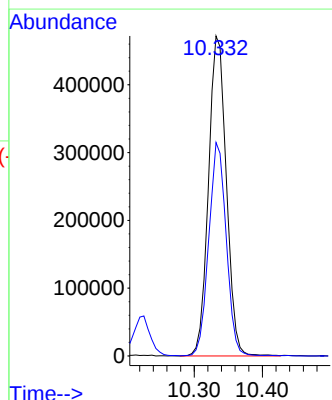
Tgt Ion: 88 Resp: 26911
Ion Ratio Lower Upper
88 100
43 38.0 25.1 37.7#
58 85.2 57.4 86.0



#50
Toluene-d8
Concen: 50.006 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 98 Resp: 860201
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

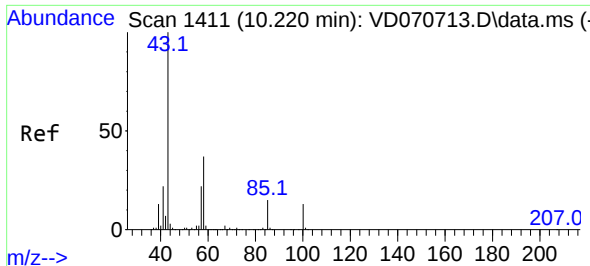


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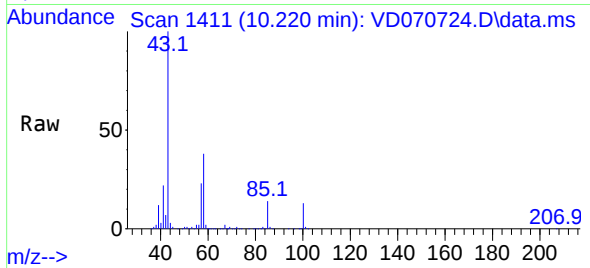
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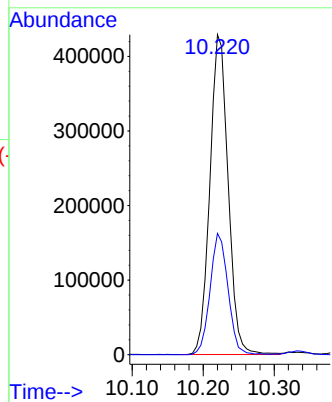
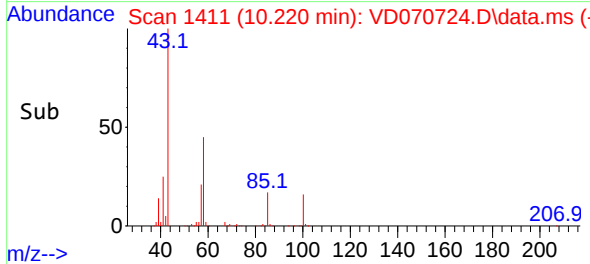
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#51
4-Methyl-2-Pentanone
Concen: 235.197 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 43 Resp: 764889
Ion Ratio Lower Upper
43 100
58 37.2 35.0 52.6

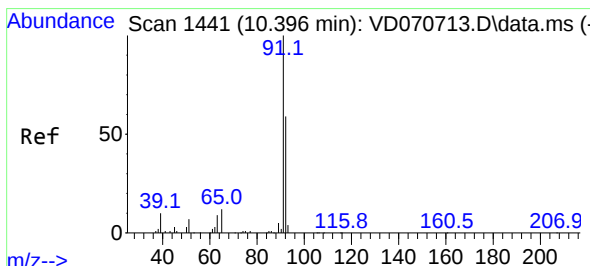


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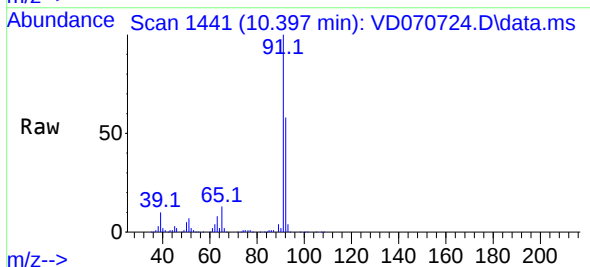
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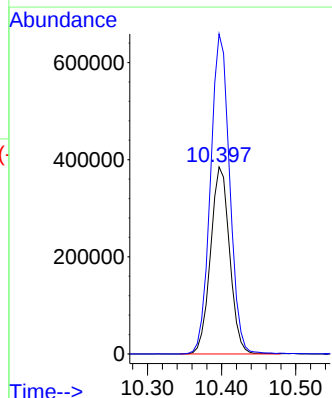
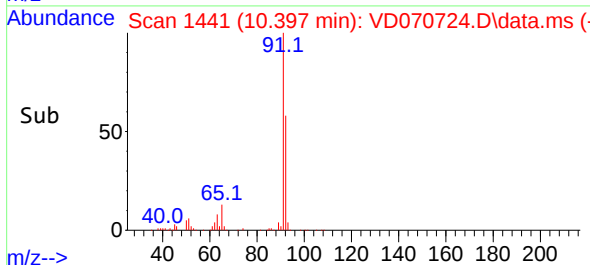
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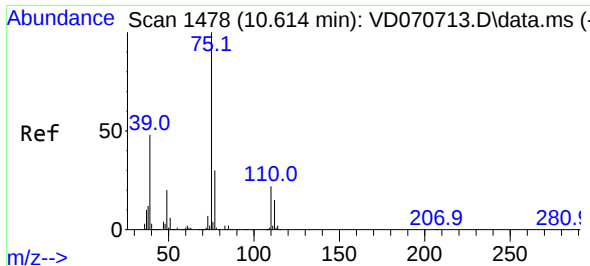


#52
Toluene
Concen: 51.454 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 92 Resp: 688798
Ion Ratio Lower Upper
92 100
91 172.5 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 48.548 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

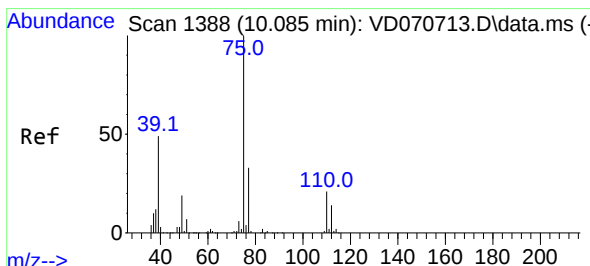
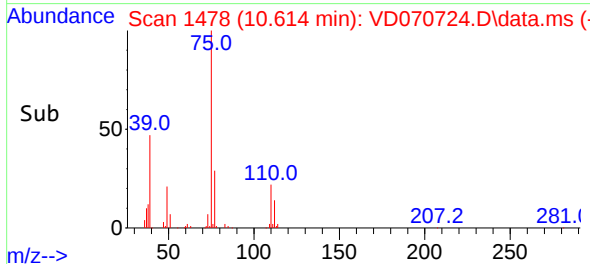
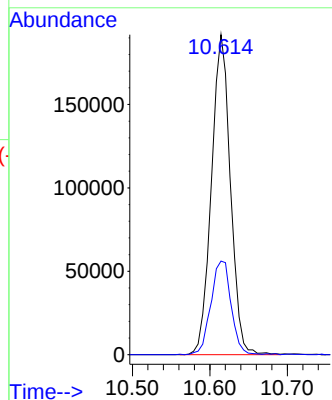
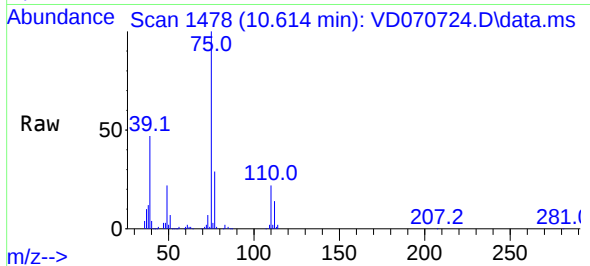
Tgt Ion: 75 Resp: 327268
Ion Ratio Lower Upper
75 100
77 29.2 25.5 38.3

Instrument :
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ClientSampleId :
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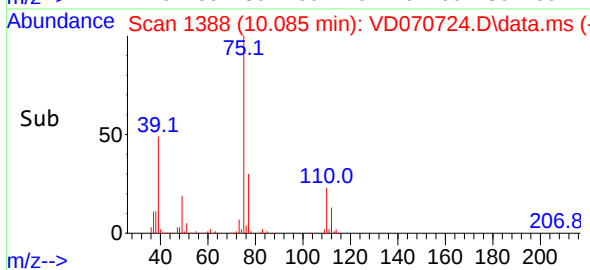
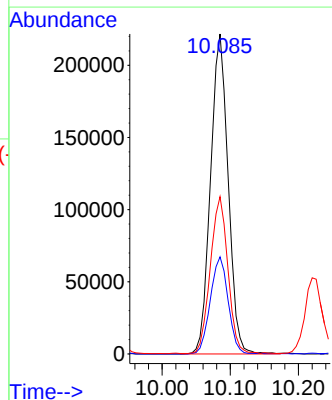
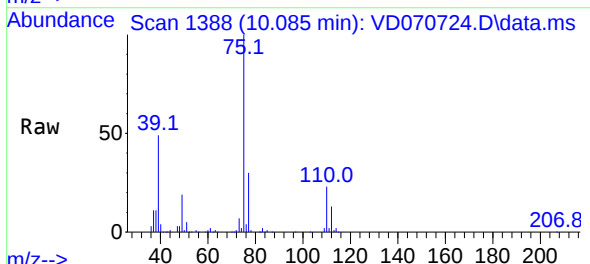
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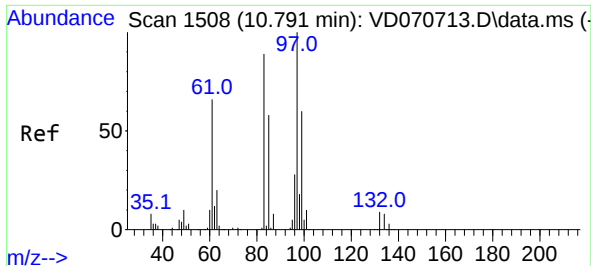
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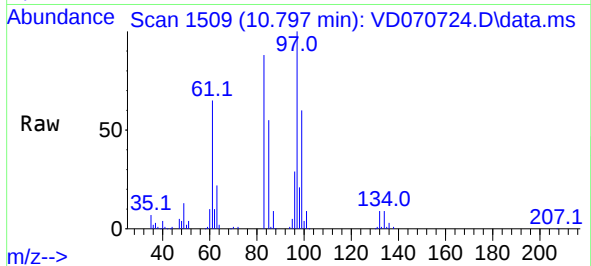
#54
cis-1,3-Dichloropropene
Concen: 49.376 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 75 Resp: 398450
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8
39 49.0 27.8 41.6#



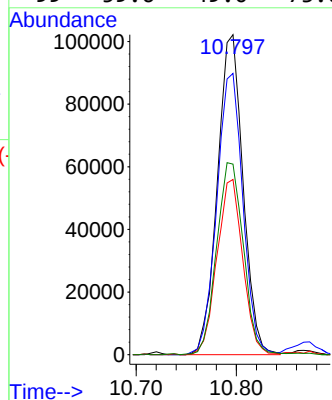


#55
1,1,2-Trichloroethane
Concen: 46.450 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 97 Resp: 181486

Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.1	103.7
85	54.7	43.0	64.6
99	59.6	49.0	73.6

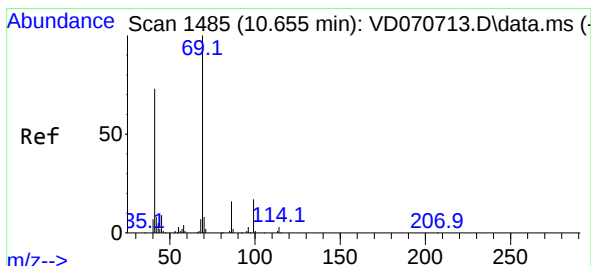


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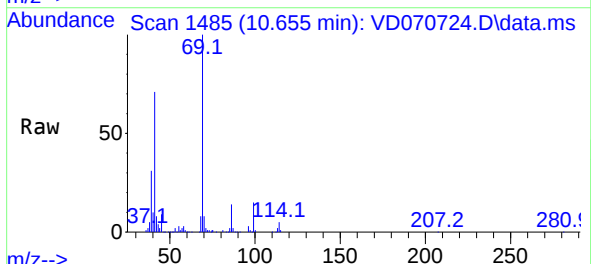
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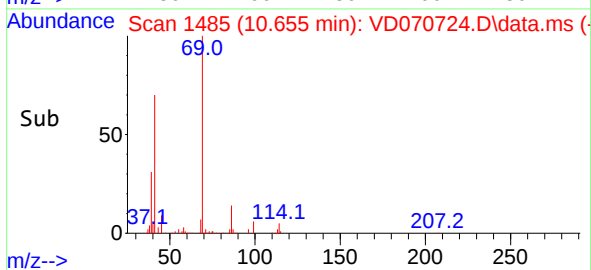
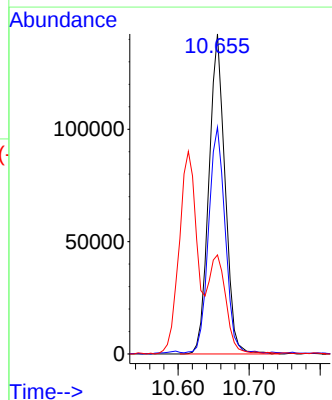


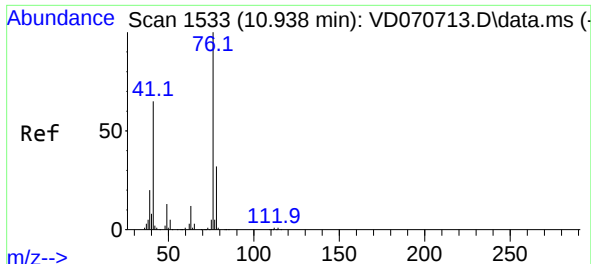
#56
Ethyl methacrylate
Concen: 43.008 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 69 Resp: 225250

Ion	Ratio	Lower	Upper
69	100		
41	72.4	44.7	67.1#
39	31.4	19.5	29.3#





#57
1,3-Dichloropropane
Concen: 47.326 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

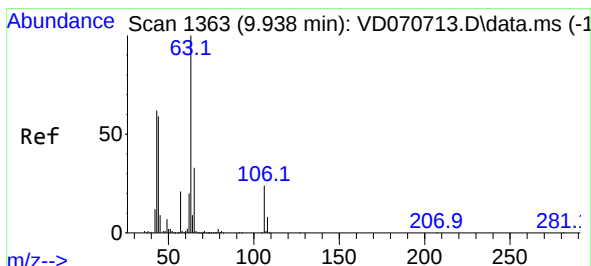
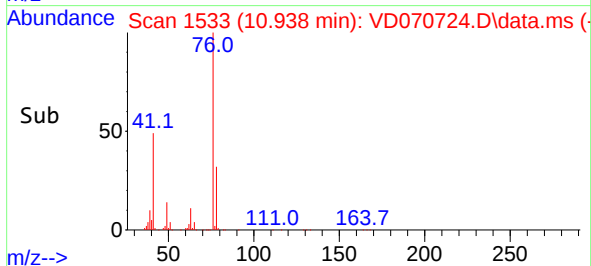
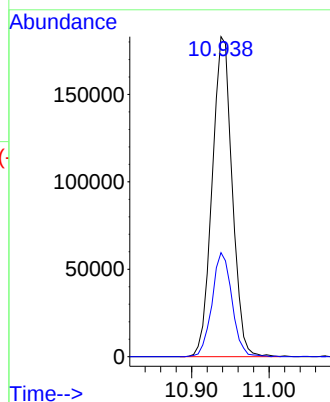
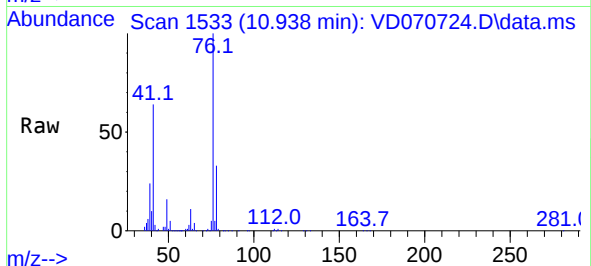
Tgt Ion: 76 Resp: 328079
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9

Instrument :
MSVOA_D
ClientSampleId :
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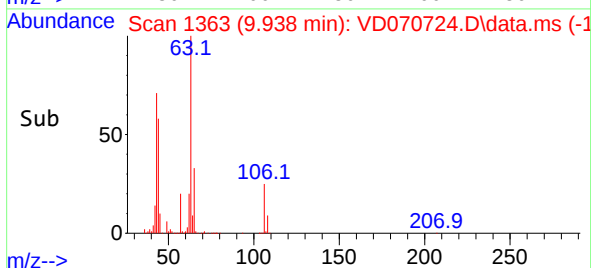
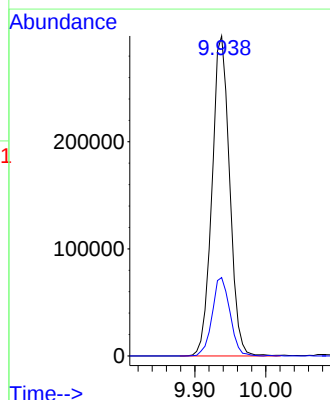
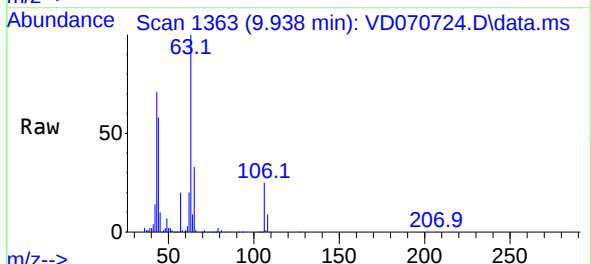
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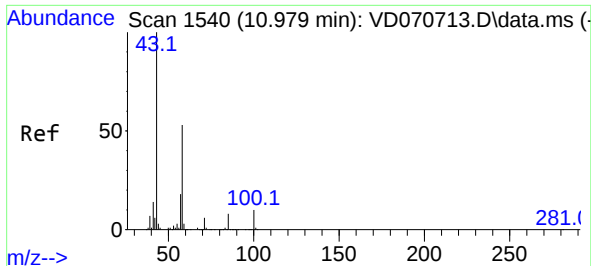
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#58
2-Chloroethyl Vinyl ether
Concen: 249.570 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 63 Resp: 513588
Ion Ratio Lower Upper
63 100
106 24.7 22.3 33.5





#59
2-Hexanone
Concen: 256.283 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

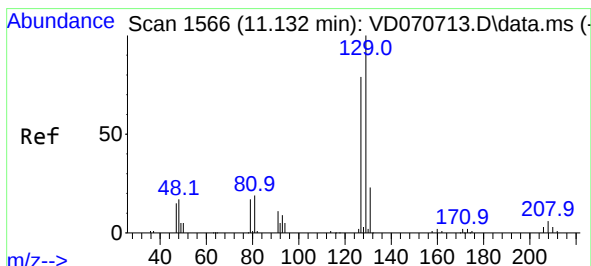
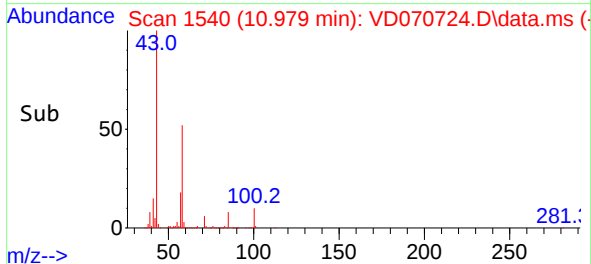
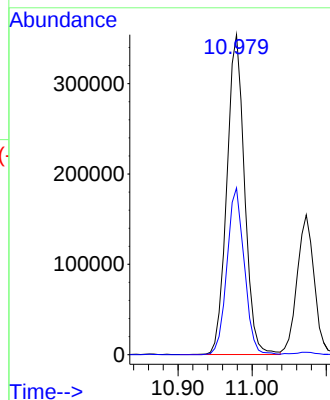
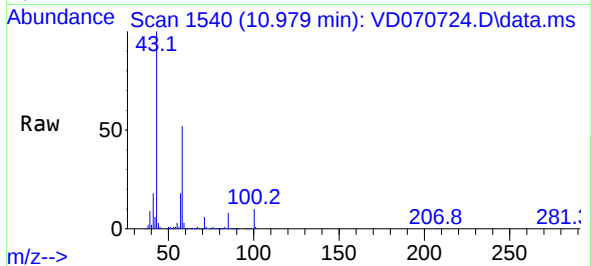
Tgt Ion: 43 Resp: 586649
Ion Ratio Lower Upper
43 100
58 51.0 30.4 91.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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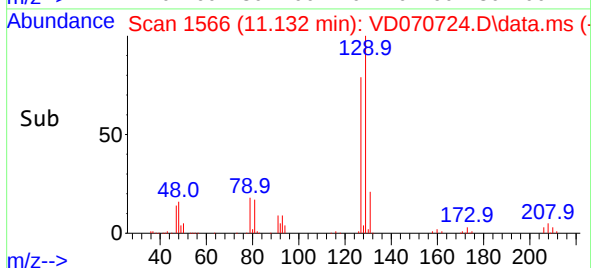
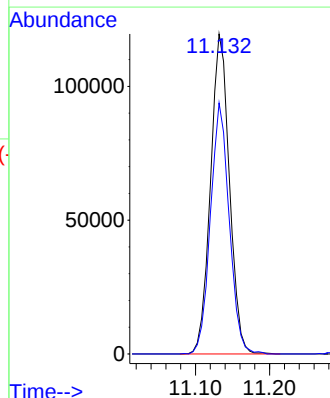
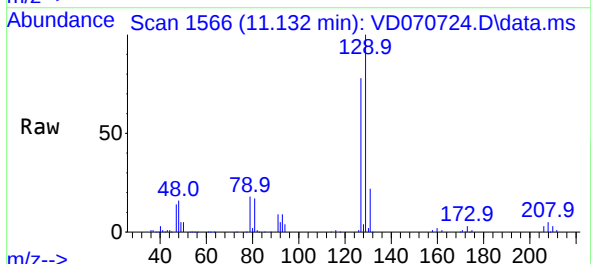
MMDadoda

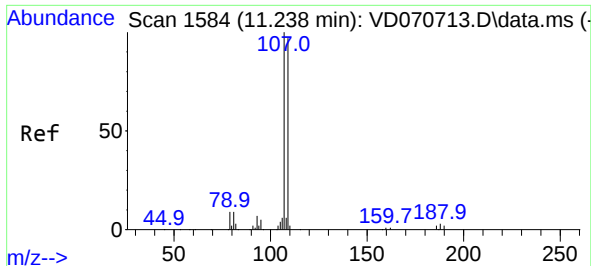
10/19/2021 5:22:56 PM



#60
Dibromochloromethane
Concen: 47.057 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 129 Resp: 211306
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 45.724 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

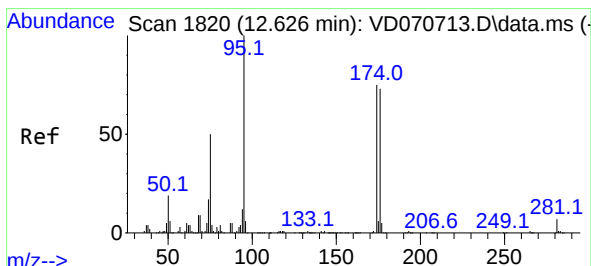
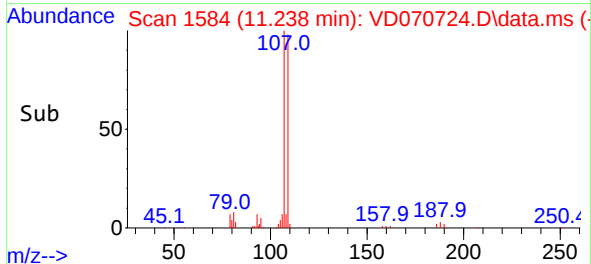
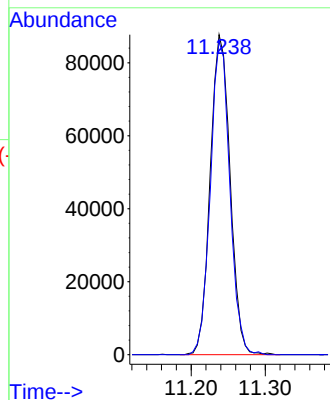
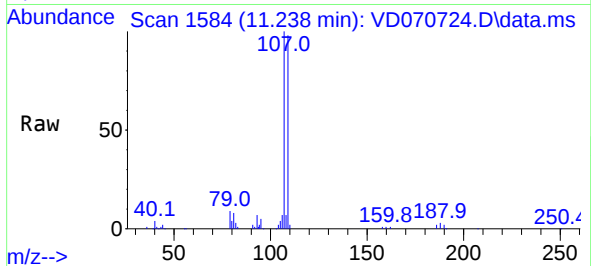
Tgt Ion: 107 Resp: 163457
Ion Ratio Lower Upper
107 100
109 95.6 75.0 112.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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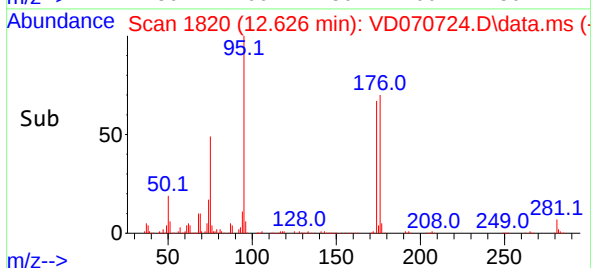
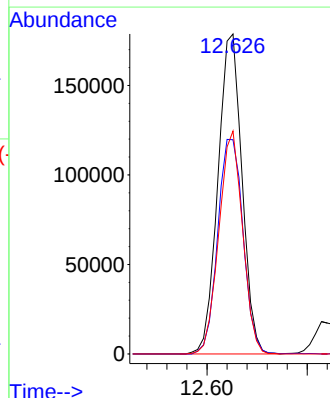
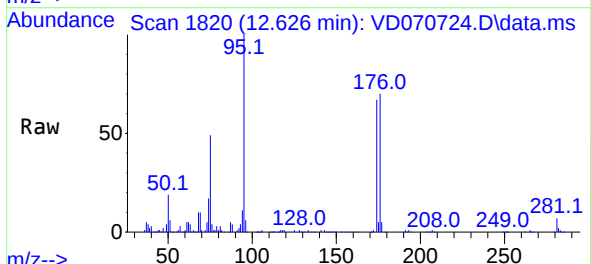
MMDadoda

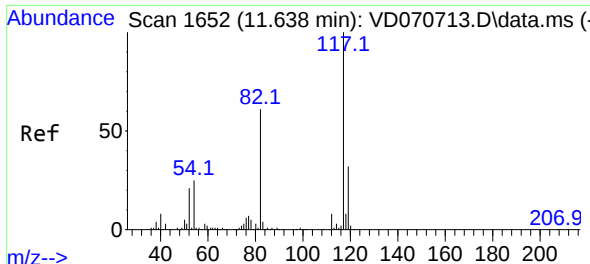
10/19/2021 5:22:56 PM



#62
4-Bromofluorobenzene
Concen: 50.193 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

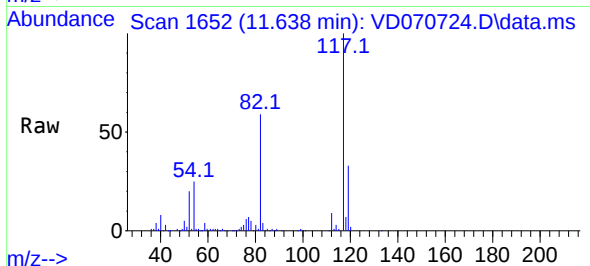
Tgt Ion: 95 Resp: 297295
Ion Ratio Lower Upper
95 100
174 70.6 0.0 138.0
176 68.4 0.0 135.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

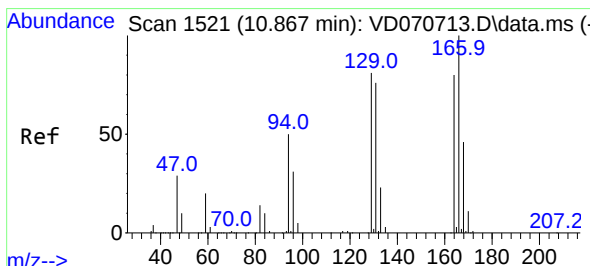
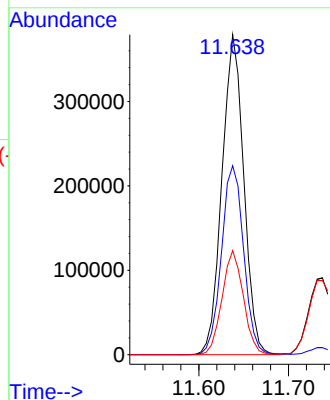
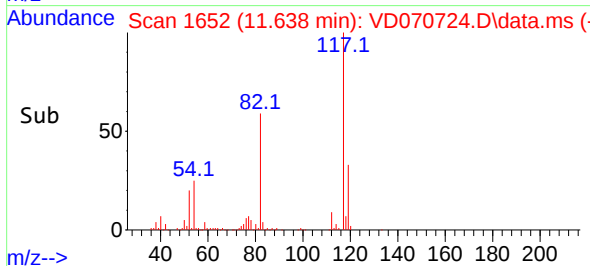


Tgt Ion:117 Resp: 639372
Ion Ratio Lower Upper
117 100
82 59.1 45.4 68.2
119 32.5 24.7 37.1

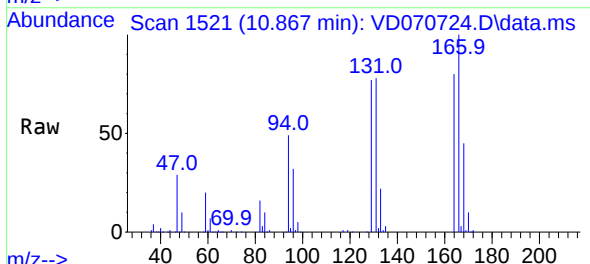
Manual Integrations
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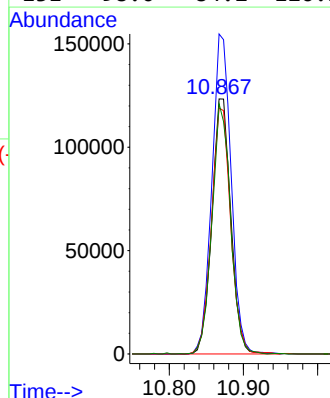
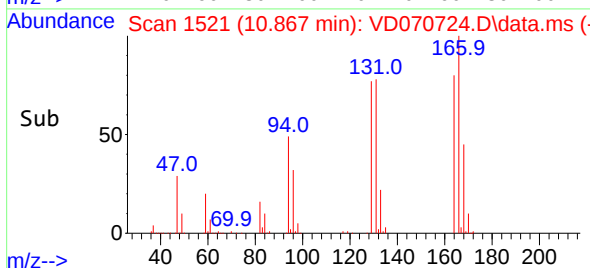
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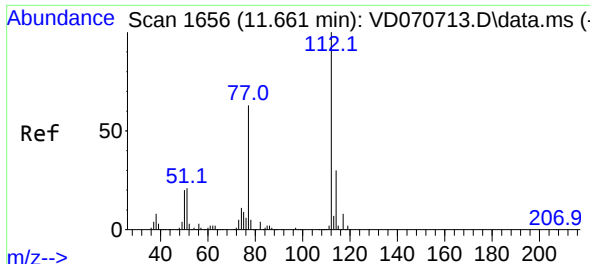


#64
Tetrachloroethene
Concen: 51.049 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



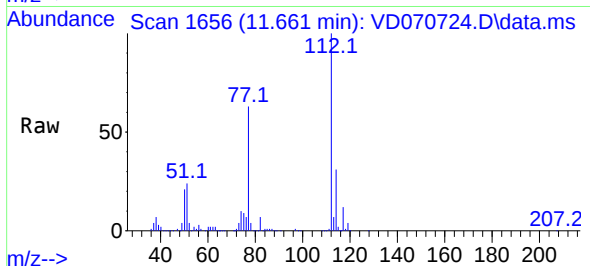
Tgt Ion:164 Resp: 219326
Ion Ratio Lower Upper
164 100
166 125.4 105.8 158.6
129 96.5 83.8 125.6
131 98.0 84.2 126.2





#65
Chlorobenzene
Concen: 50.207 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

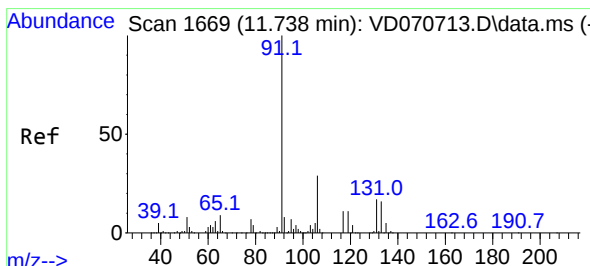
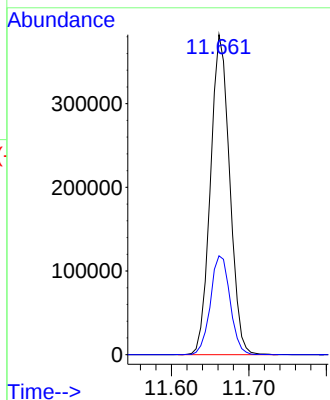
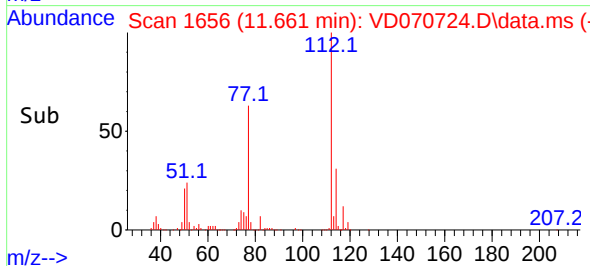


Tgt Ion:112 Resp: 658336
Ion Ratio Lower Upper
112 100
114 30.9 25.3 37.9

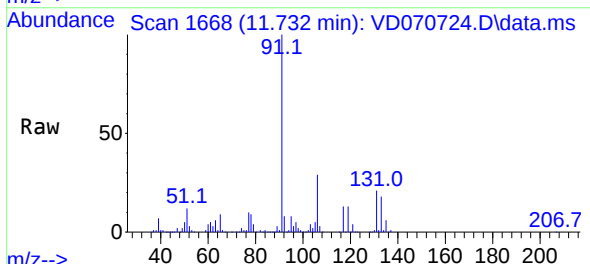
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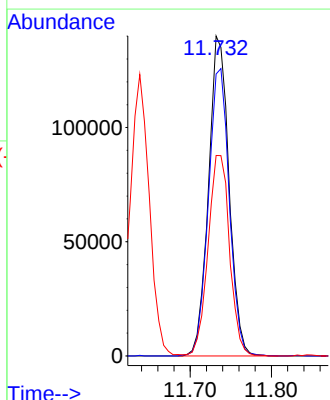
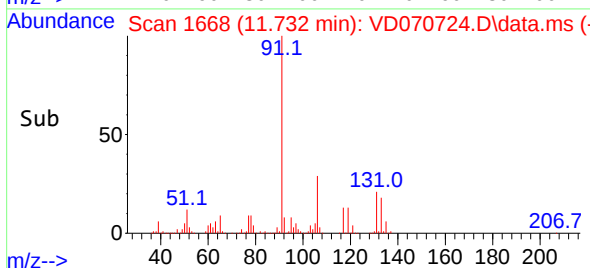
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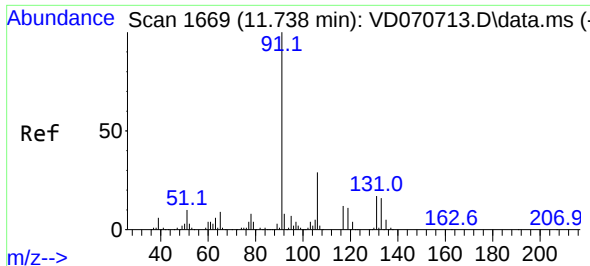


#66
1,1,1,2-Tetrachloroethane
Concen: 50.617 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



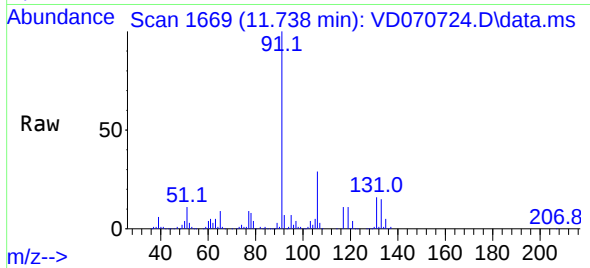
Tgt Ion:131 Resp: 245585
Ion Ratio Lower Upper
131 100
133 91.5 46.8 140.3
119 65.8 32.6 97.7



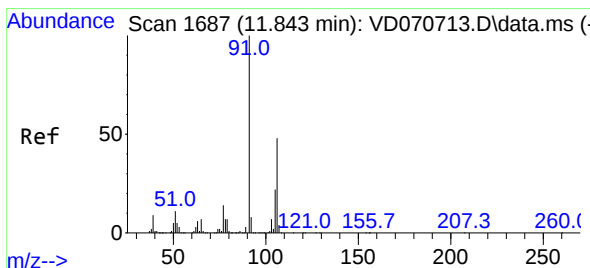
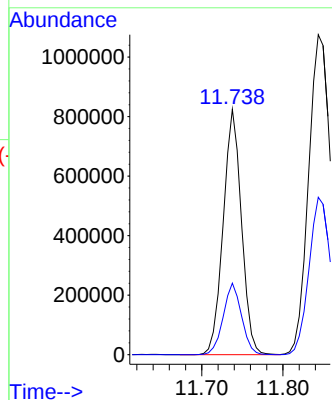
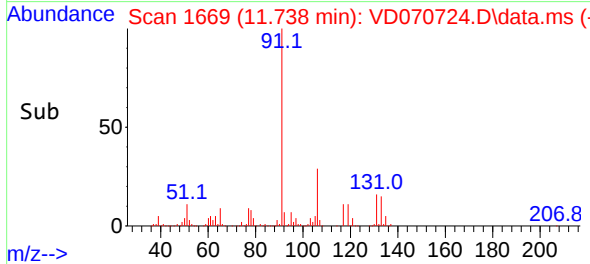


#67
Ethyl Benzene
Concen: 53.790 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

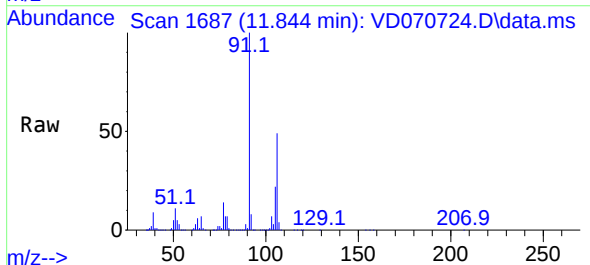
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



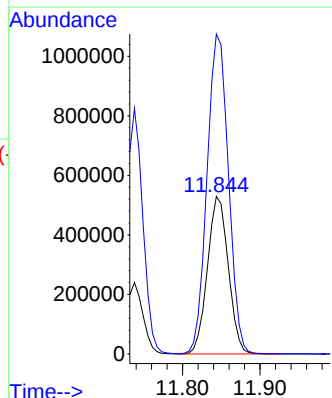
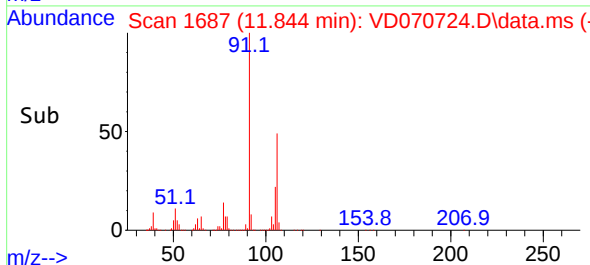
Tgt Ion: 91 Resp: 1289647
Ion Ratio Lower Upper
91 100
106 29.1 24.2 36.2

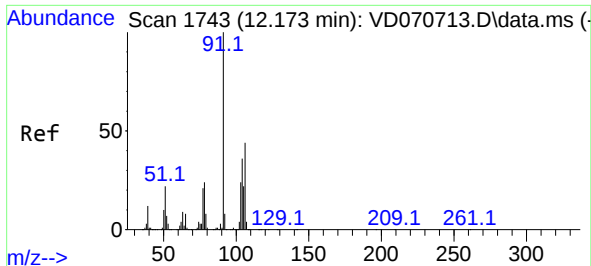


#68
m/p-Xylenes
Concen: 108.855 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 106 Resp: 988726
Ion Ratio Lower Upper
106 100
91 208.7 162.7 244.1





#69
o-Xylene
Concen: 52.985 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

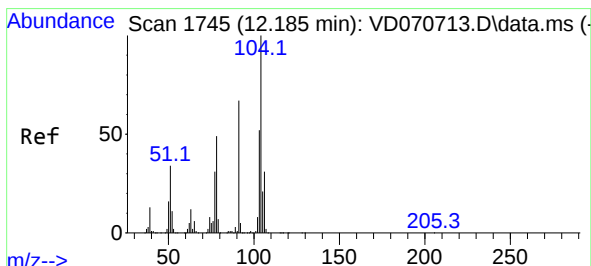
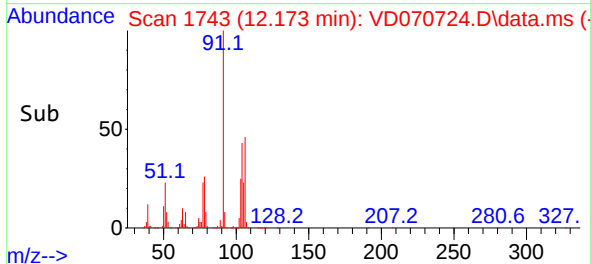
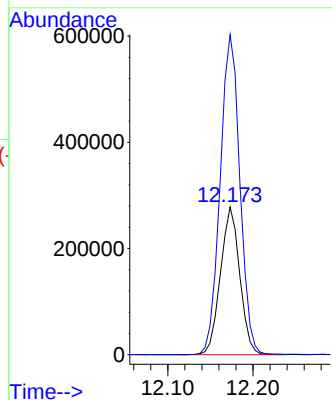
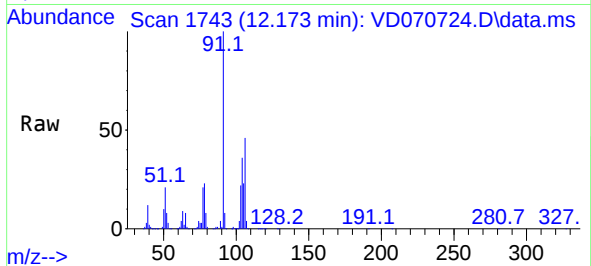
Tgt Ion:106 Resp: 436580
Ion Ratio Lower Upper
106 100
91 222.4 107.8 323.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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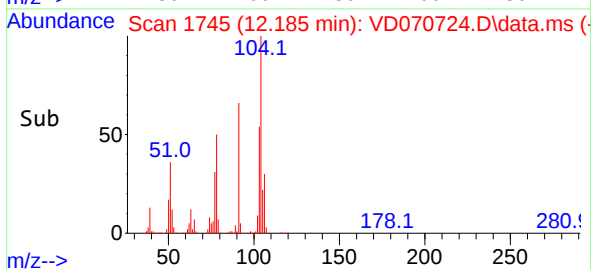
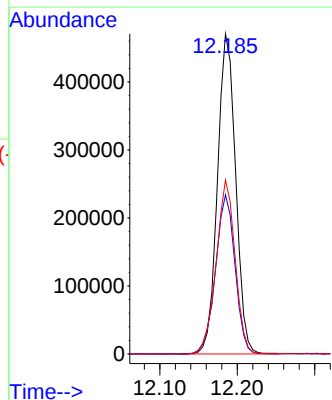
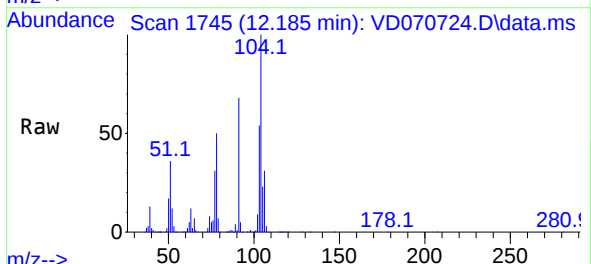
MMDadoda

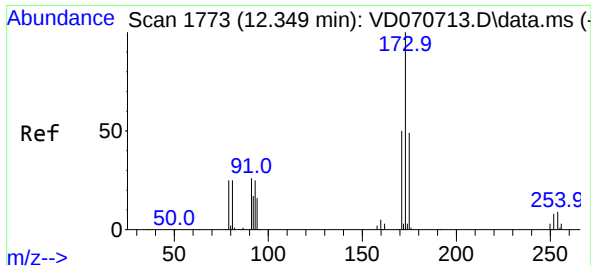
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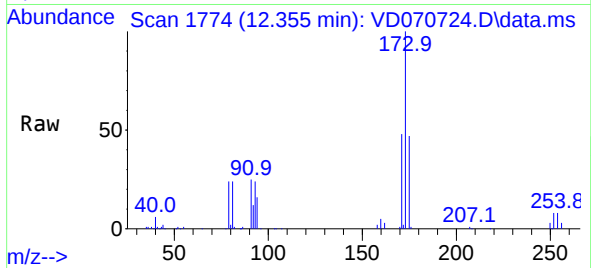
#70
Styrene
Concen: 53.581 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion:104 Resp: 767408
Ion Ratio Lower Upper
104 100
78 53.2 39.8 59.6
103 56.7 43.4 65.2

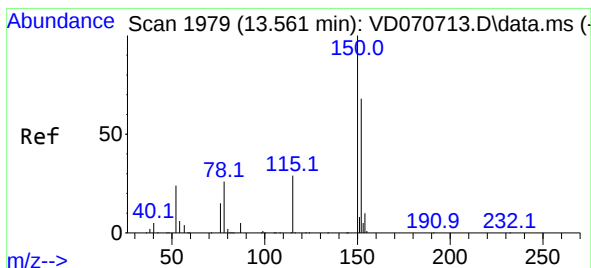
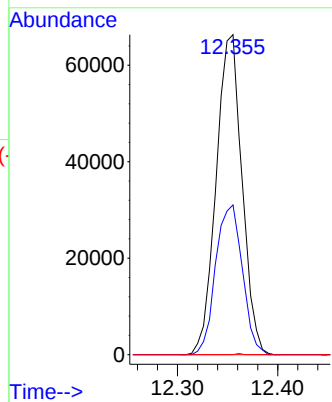
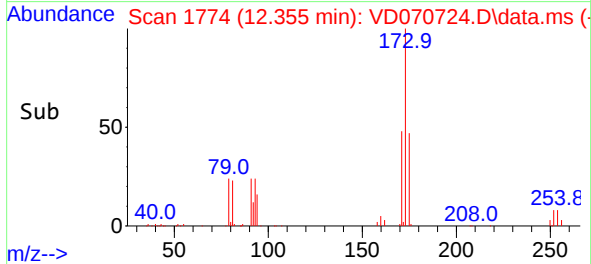




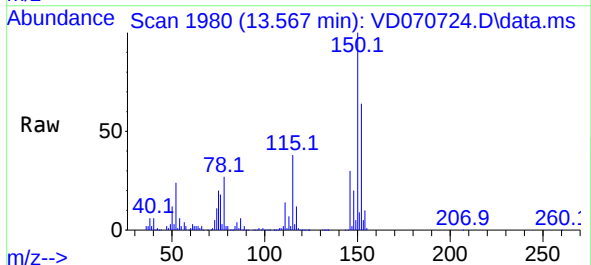
#71
Bromoform
Concen: 47.235 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



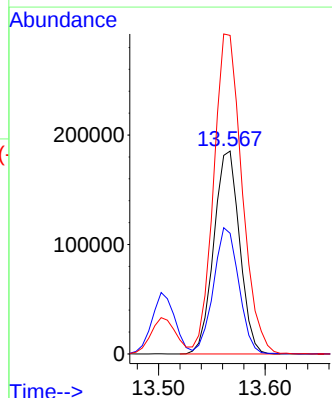
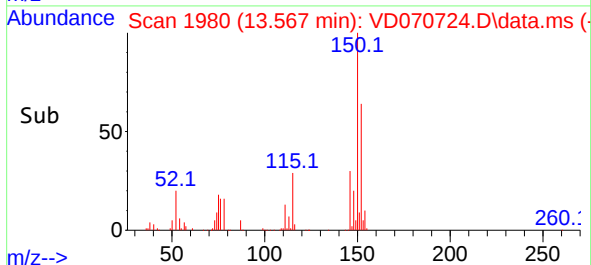
Tgt Ion:173 Resp: 118999
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion:152 Resp: 311282
Ion Ratio Lower Upper
152 100
115 61.4 31.9 95.7
150 173.7 0.0 350.0

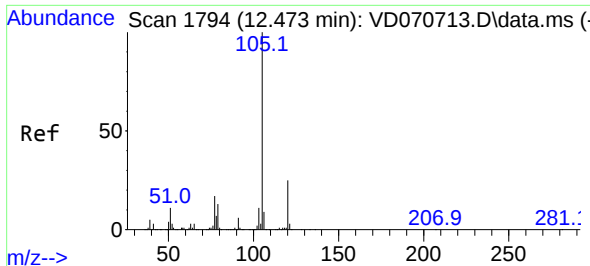


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

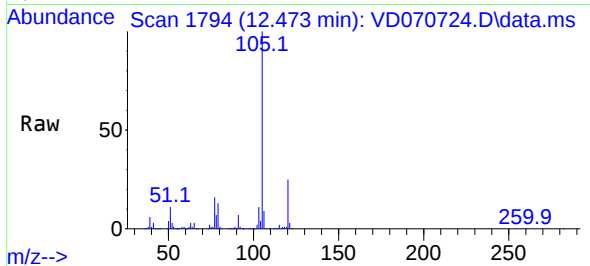
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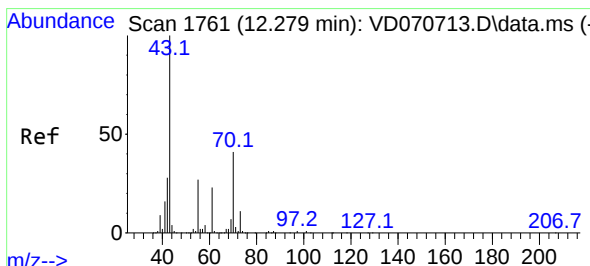
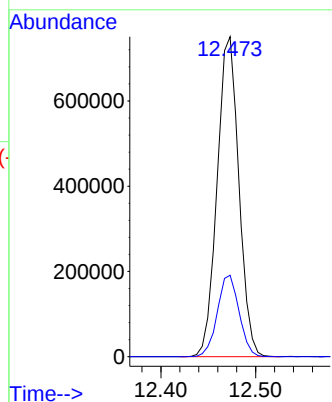
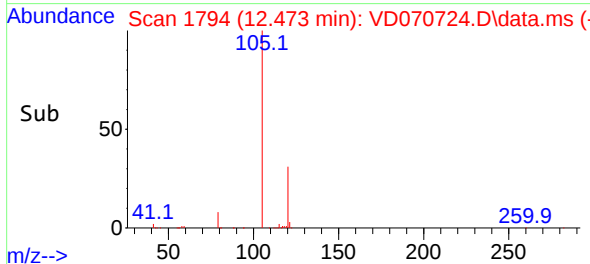


#73
Isopropylbenzene
Concen: 53.960 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

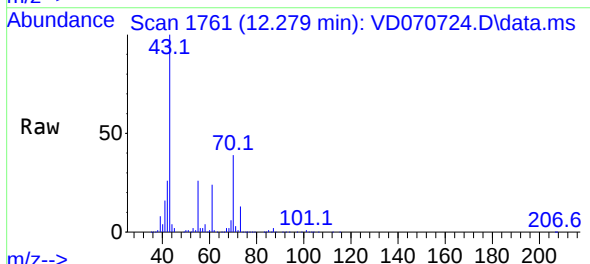
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



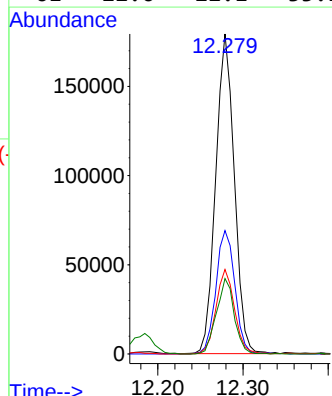
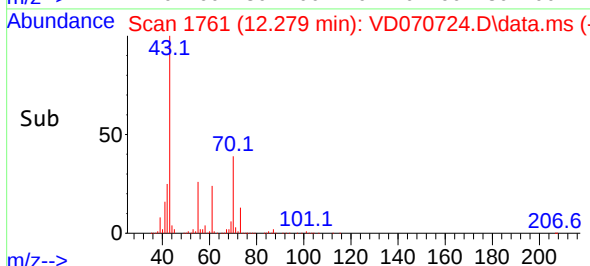
Tgt Ion:105 Resp: 1196829
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3

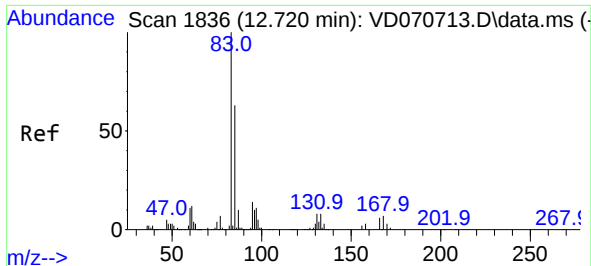


#74
N-ethyl acetate
Concen: 47.088 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion: 43 Resp: 271894
Ion Ratio Lower Upper
43 100
70 39.6 40.0 60.0#
55 26.4 23.8 35.6
61 22.6 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 46.511 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

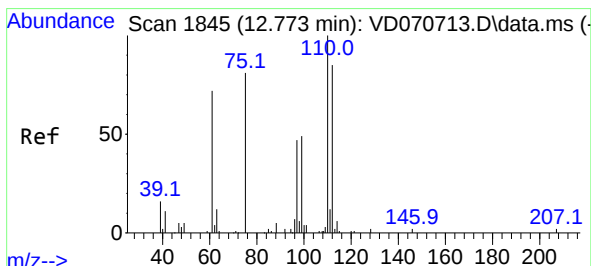
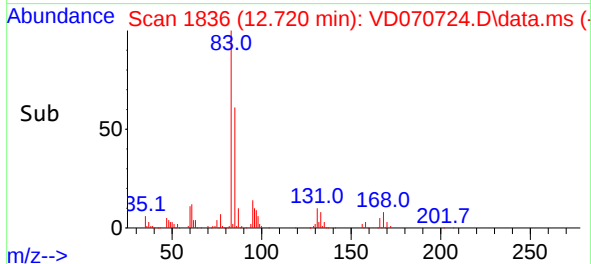
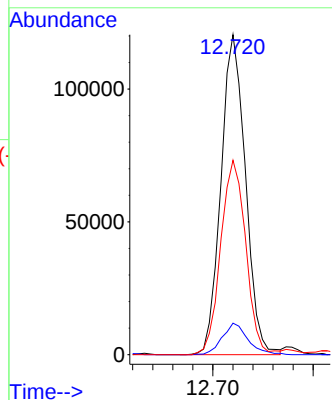
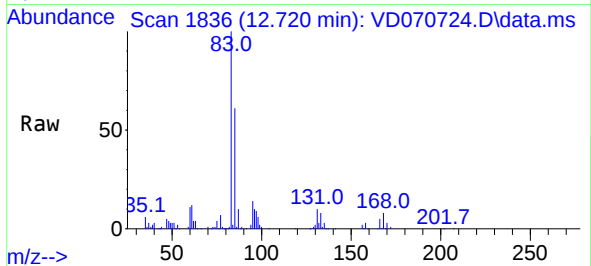
Tgt Ion: 83 Resp: 204066
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.7
85 62.3 31.9 95.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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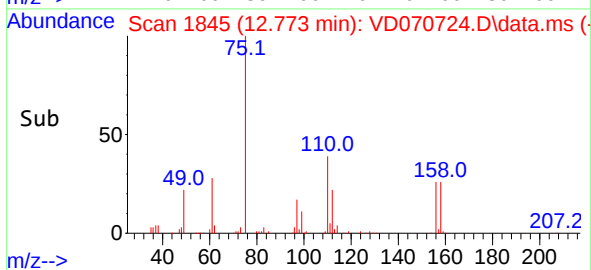
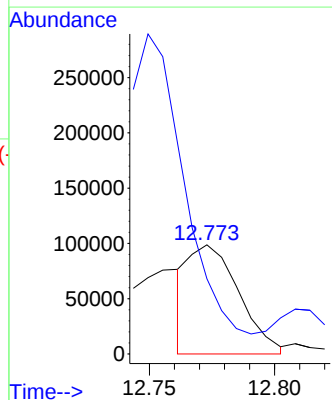
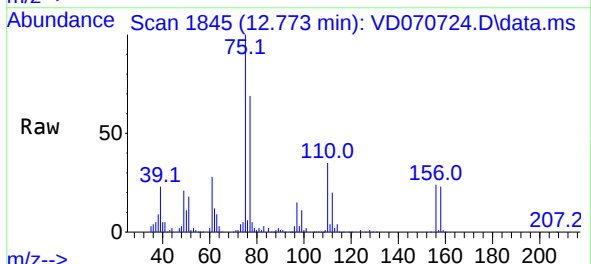
MMDadoda

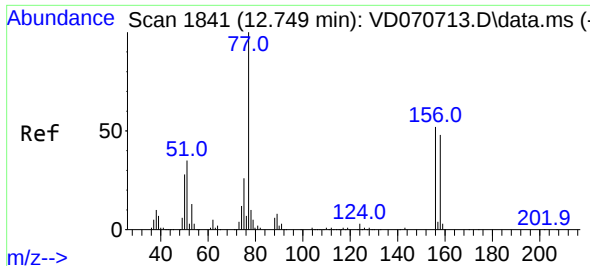
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#76
1,2,3-Trichloropropane
Concen: 51.498 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 75 Resp: 138495
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.977 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

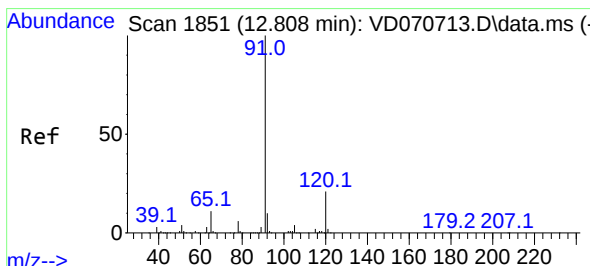
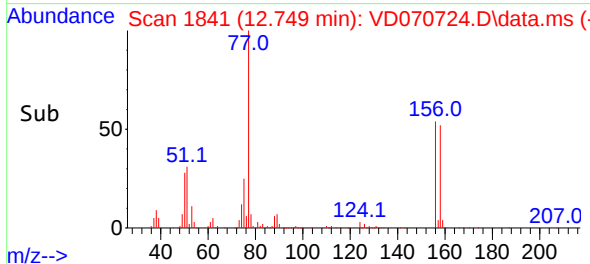
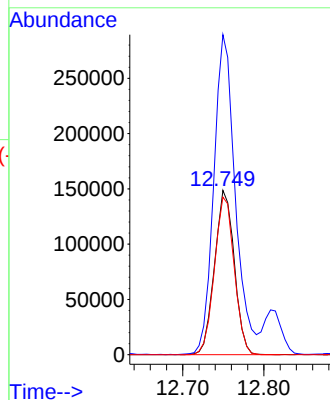
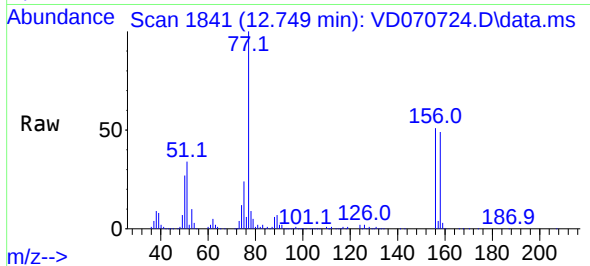
Tgt Ion: 156 Resp: 250949
Ion Ratio Lower Upper
156 100
77 212.0 105.7 317.1
158 96.4 48.9 146.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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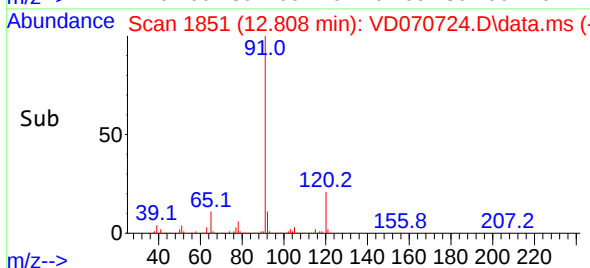
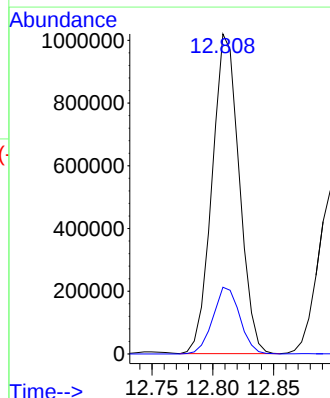
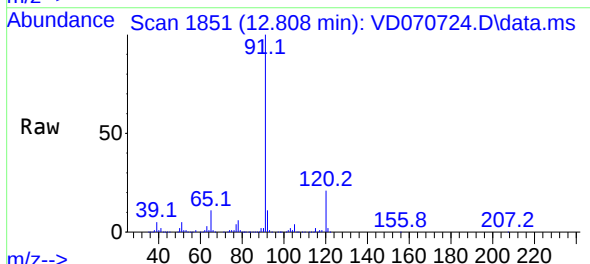
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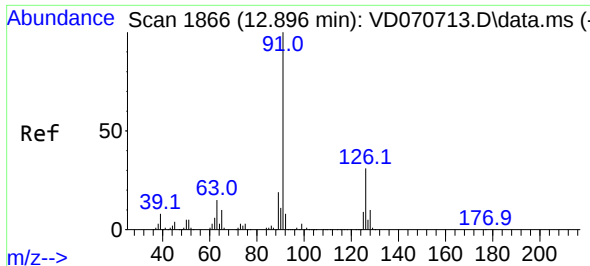
10/19/2021 5:22:56 PM



#78
n-propylbenzene
Concen: 54.783 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 91 Resp: 1579362
Ion Ratio Lower Upper
91 100
120 20.7 10.9 32.6





#79
2-Chlorotoluene
Concen: 52.437 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

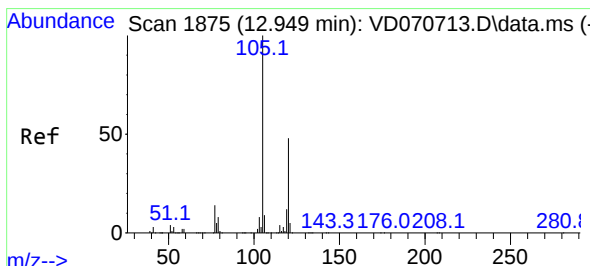
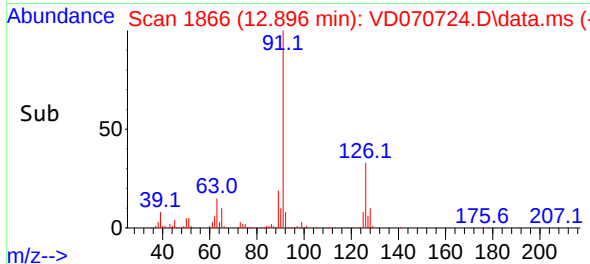
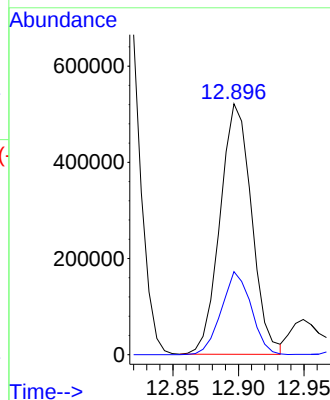
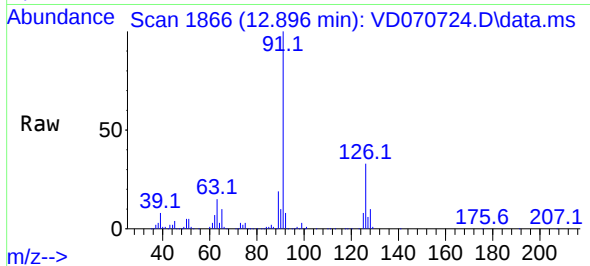
Tgt Ion: 91 Resp: 873654
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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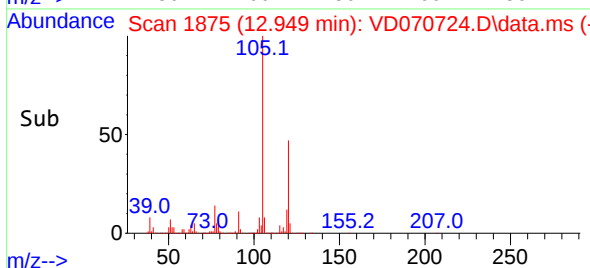
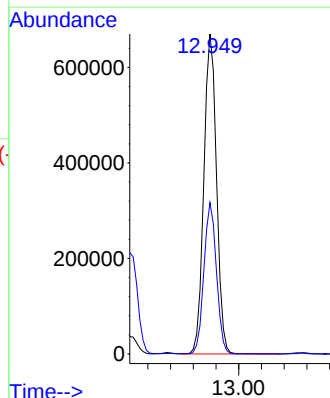
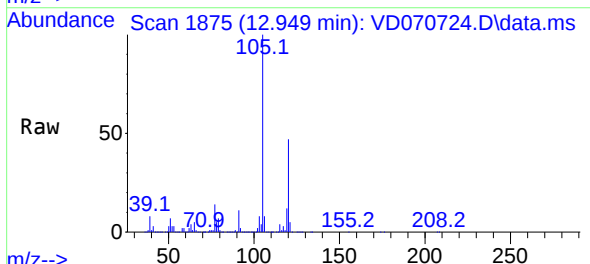
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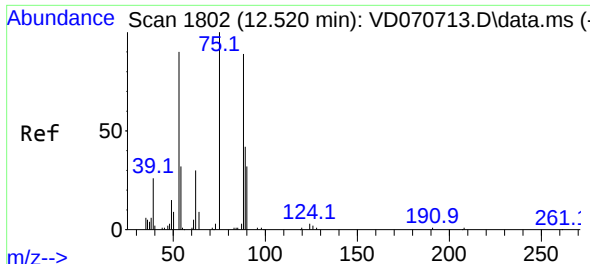
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#80
1,3,5-Trimethylbenzene
Concen: 55.209 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion:105 Resp: 1035138
Ion Ratio Lower Upper
105 100
120 46.6 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 51.419 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

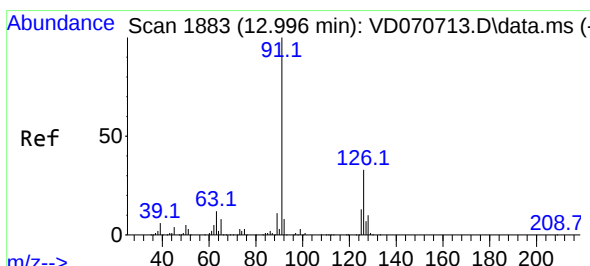
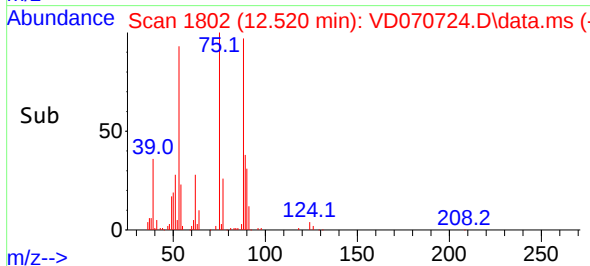
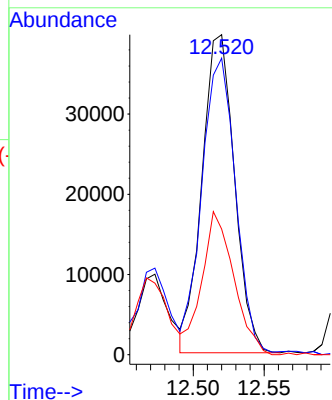
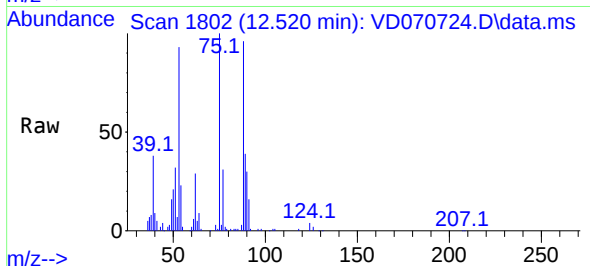
Tgt Ion: 75 Resp: 63134
Ion Ratio Lower Upper
75 100
53 95.5 64.5 96.7
89 44.3 35.3 52.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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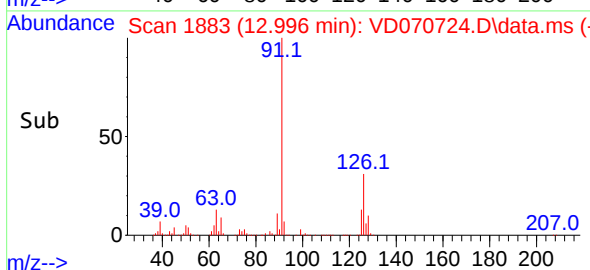
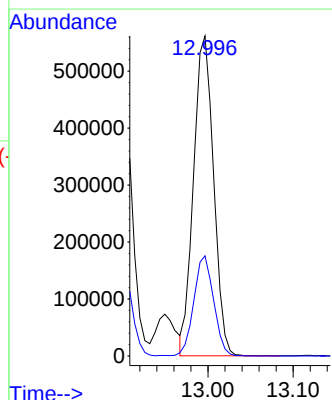
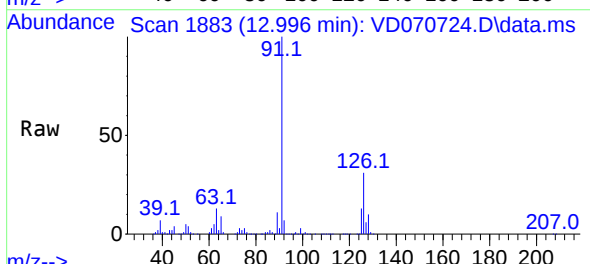
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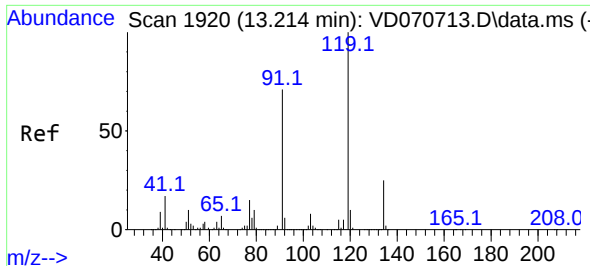
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#82
4-Chlorotoluene
Concen: 52.022 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

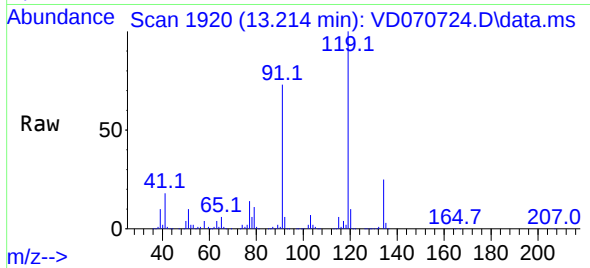
Tgt Ion: 91 Resp: 916832
Ion Ratio Lower Upper
91 100
126 31.0 16.2 48.6





#83
tert-Butylbenzene
Concen: 53.556 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

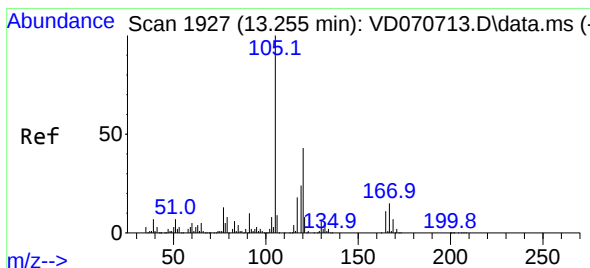
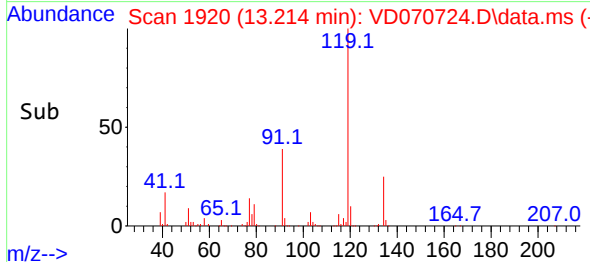
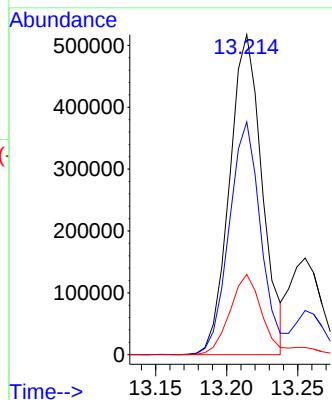


Tgt Ion:119 Resp: 829867
Ion Ratio Lower Upper
119 100
91 71.2 33.1 99.3
134 24.4 13.2 39.5

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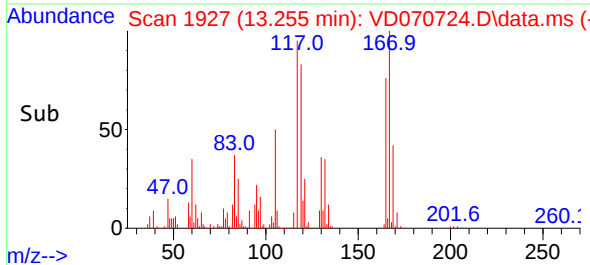
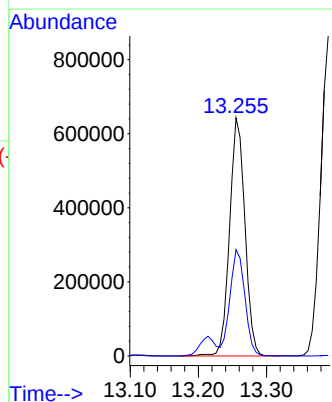
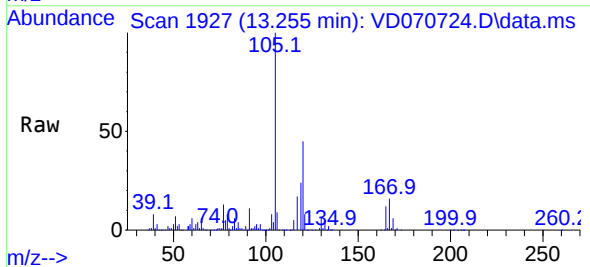
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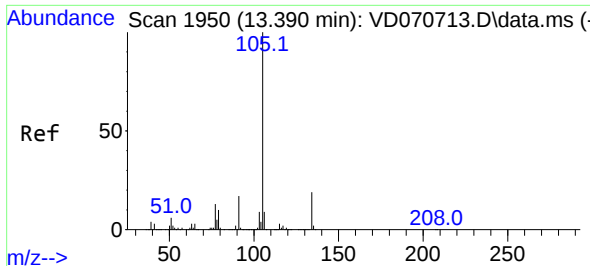
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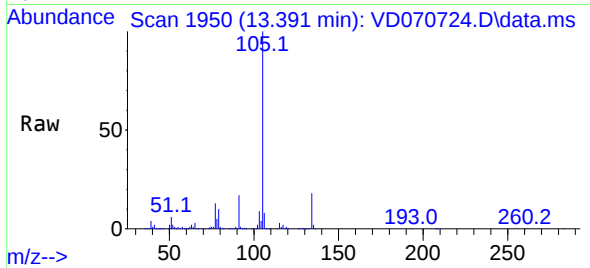
#84
1,2,4-Trimethylbenzene
Concen: 54.038 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion:105 Resp: 1007396
Ion Ratio Lower Upper
105 100
120 43.3 21.9 65.8

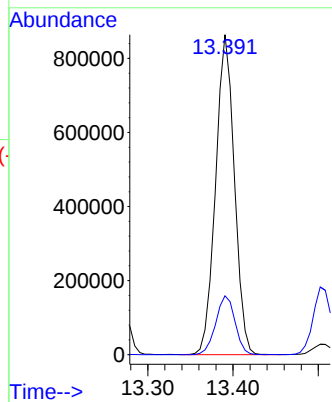
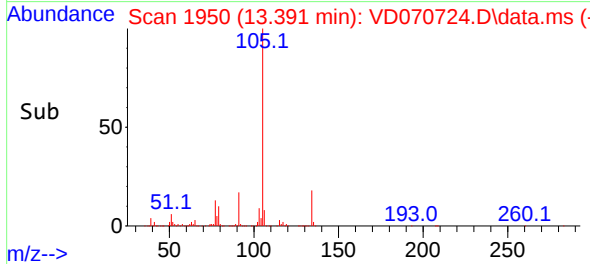




#85
sec-Butylbenzene
Concen: 54.271 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion:105 Resp: 1321527
Ion Ratio Lower Upper
105 100
134 18.9 9.3 28.0

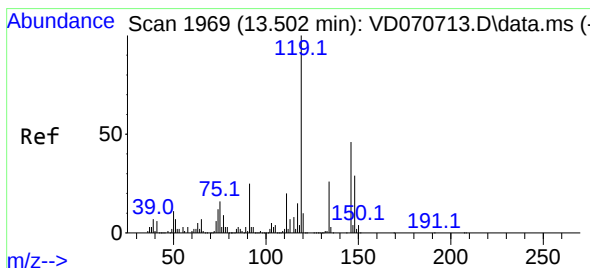


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

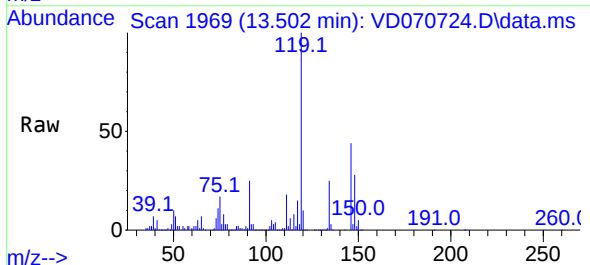
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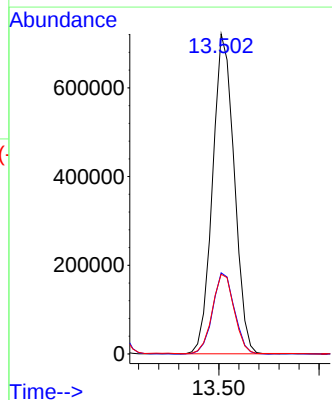
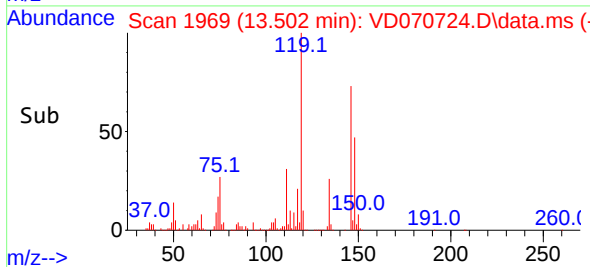
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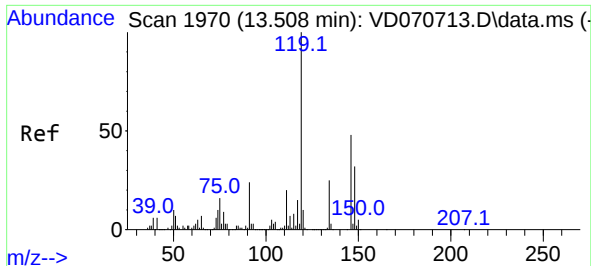


#86
p-Isopropyltoluene
Concen: 55.244 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion:119 Resp: 1081541
Ion Ratio Lower Upper
119 100
134 25.5 12.5 37.5
91 25.0 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 49.829 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

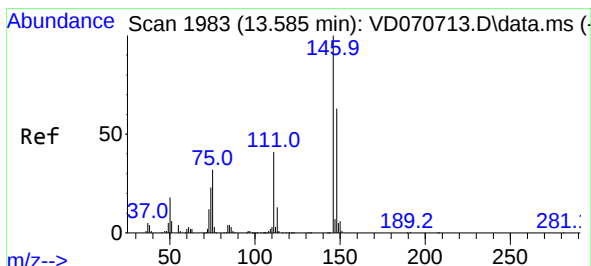
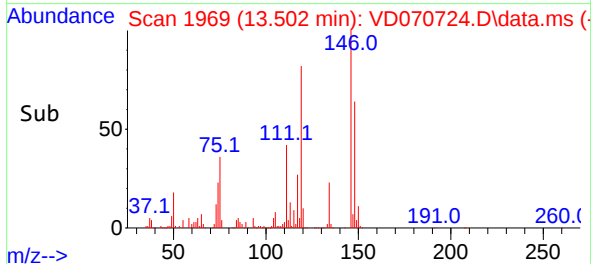
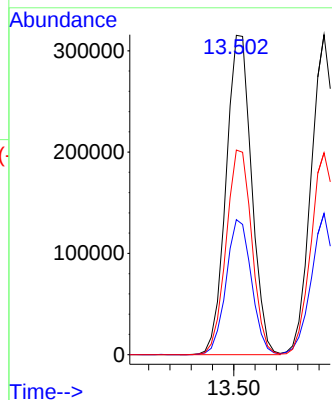
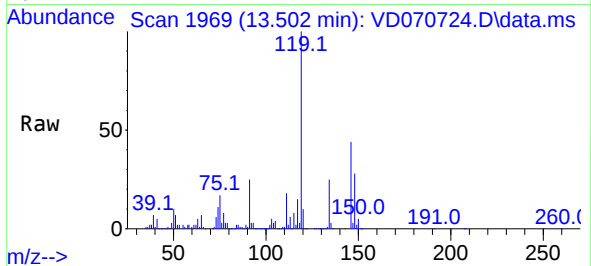
Tgt Ion:146 Resp: 525407
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.2
148 64.4 31.8 95.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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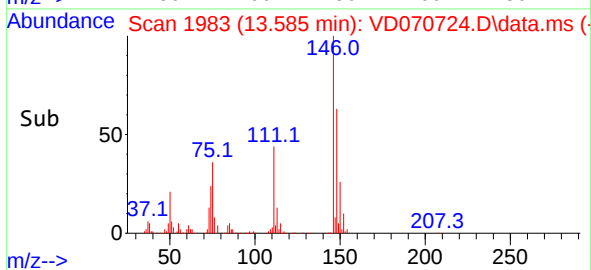
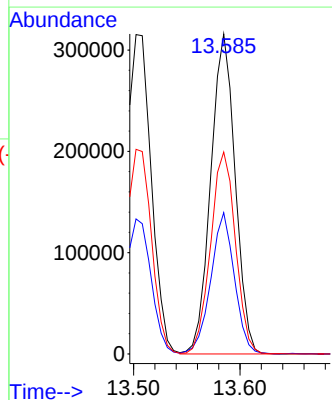
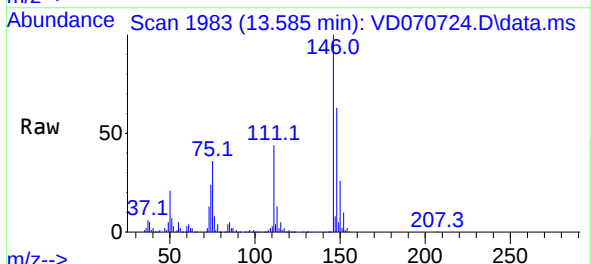
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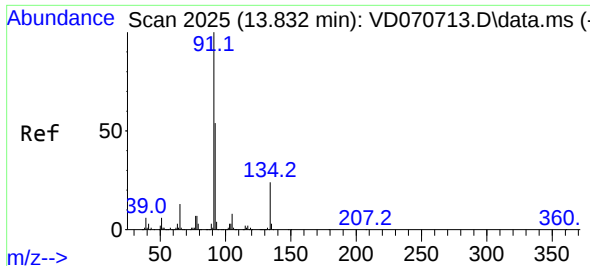
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#88
1,4-Dichlorobenzene
Concen: 48.346 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion:146 Resp: 503397
Ion Ratio Lower Upper
146 100
111 42.6 21.1 63.4
148 64.5 31.6 94.8





#89
n-Butylbenzene
Concen: 54.696 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 91 Resp: 1080669

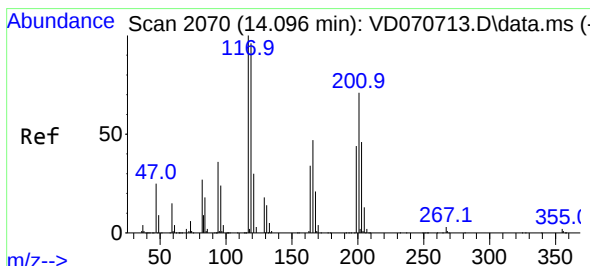
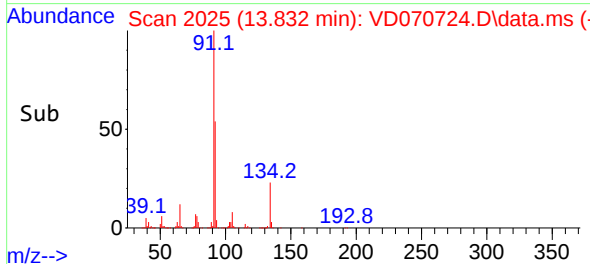
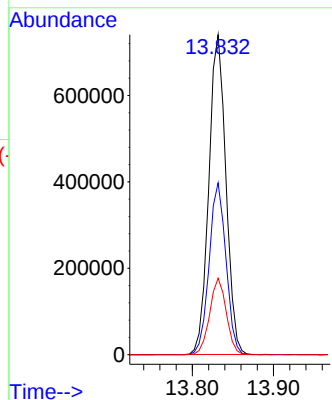
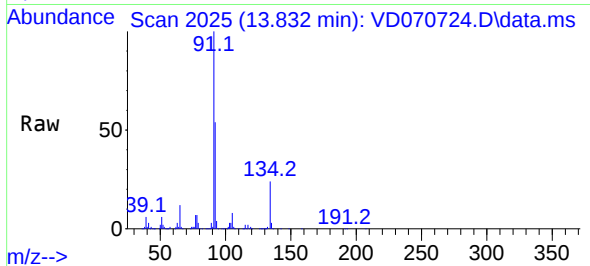
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.4
134	23.2	12.2	36.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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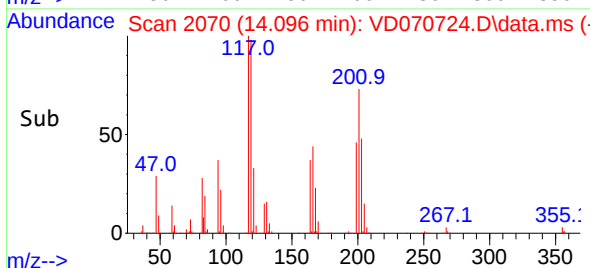
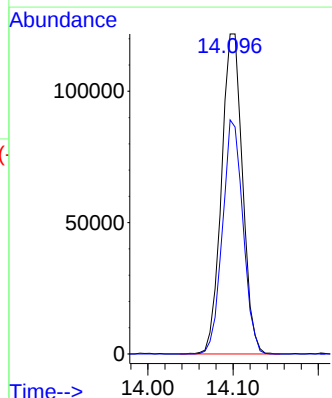
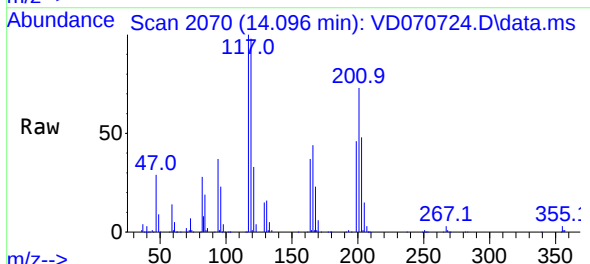
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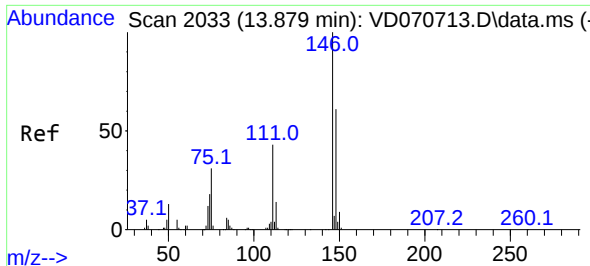


#90
Hexachloroethane
Concen: 49.427 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 117 Resp: 208810

Ion	Ratio	Lower	Upper
117	100		
201	71.3	31.9	95.9





#91
1,2-Dichlorobenzene
Concen: 49.042 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

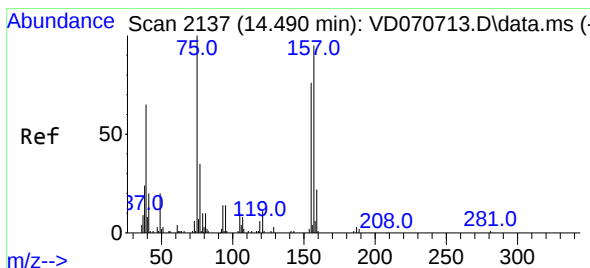
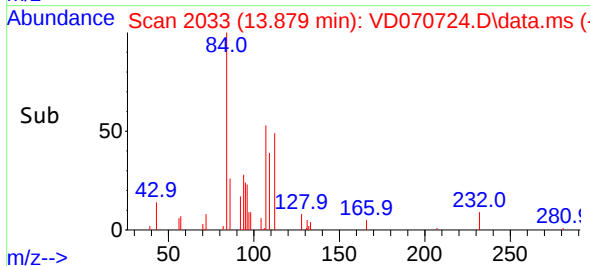
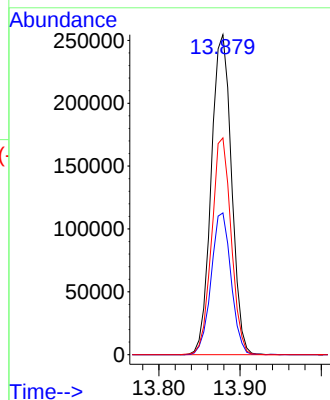
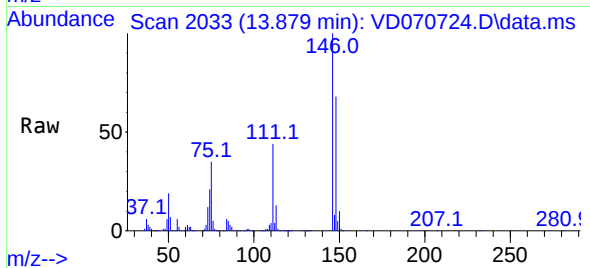
Tgt Ion: 146 Resp: 441956
Ion Ratio Lower Upper
146 100
111 43.4 22.8 68.4
148 65.2 32.4 97.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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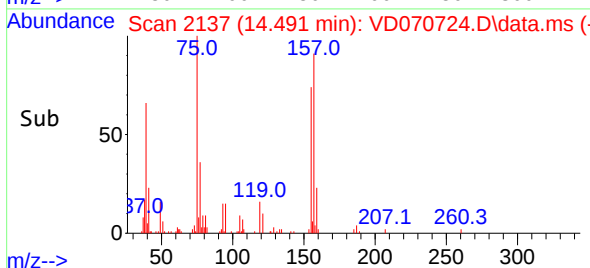
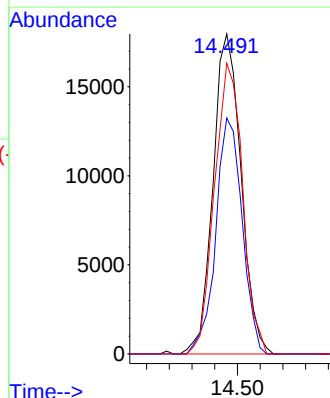
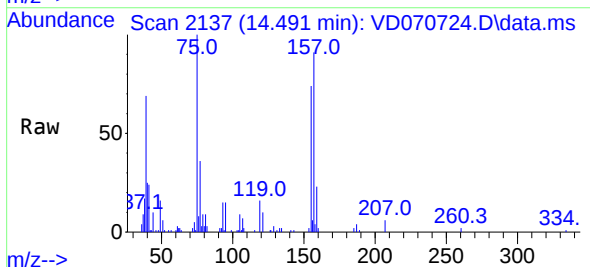
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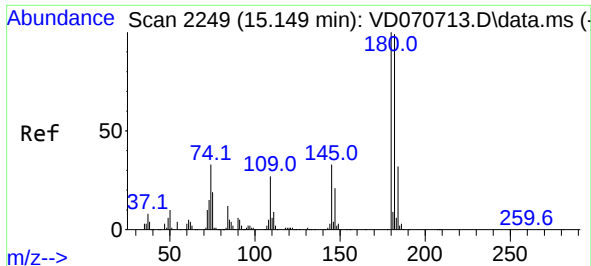
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#92
1,2-Dibromo-3-Chloropropane
Concen: 43.886 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Tgt Ion: 75 Resp: 30711
Ion Ratio Lower Upper
75 100
155 69.7 38.1 114.5
157 91.0 47.6 142.9





#93
1,2,4-Trichlorobenzene
Concen: 50.479 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

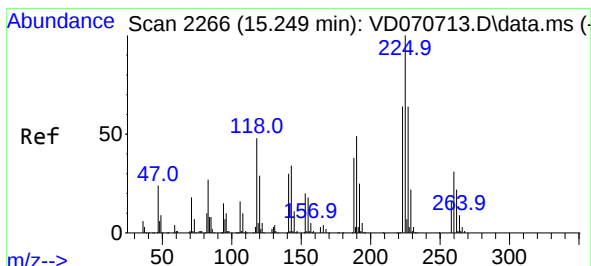
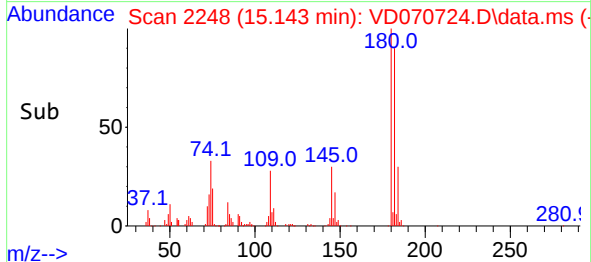
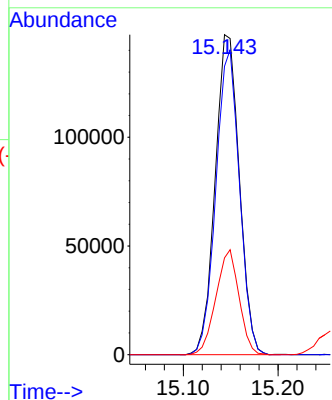
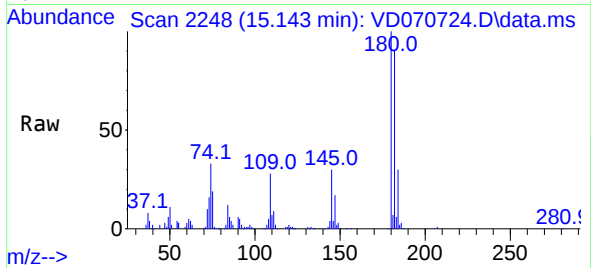
Tgt Ion:180 Resp: 260220
Ion Ratio Lower Upper
180 100
182 93.2 47.5 142.5
145 31.4 16.9 50.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

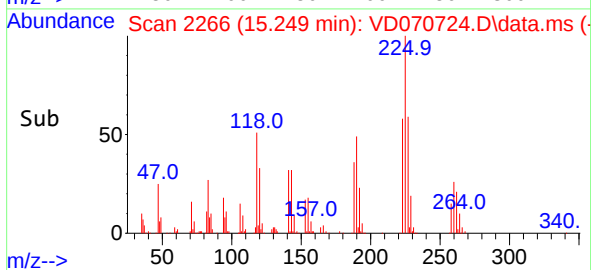
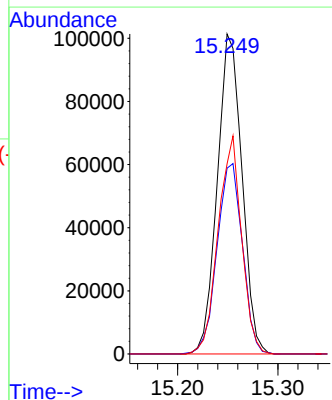
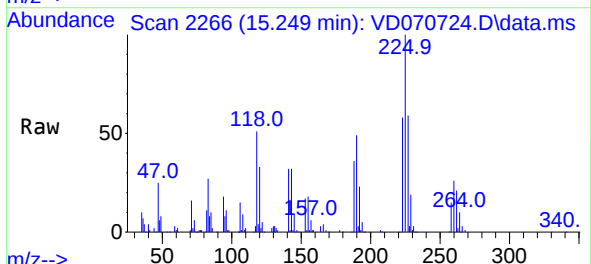
MMDadoda

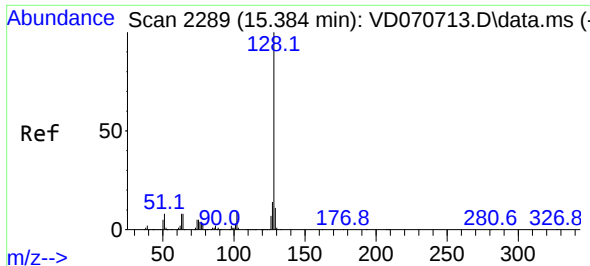
10/19/2021 5:22:56 PM



#94
Hexachlorobutadiene
Concen: 51.260 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

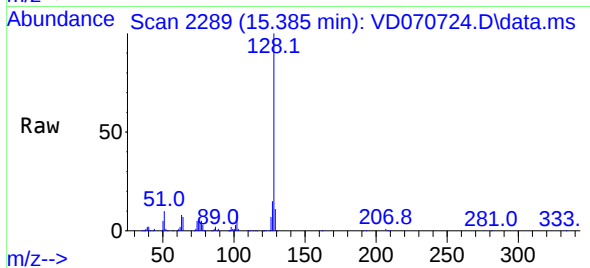
Tgt Ion:225 Resp: 173279
Ion Ratio Lower Upper
225 100
223 61.4 31.2 93.6
227 64.6 32.2 96.6





#95
Naphthalene
Concen: 42.986 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

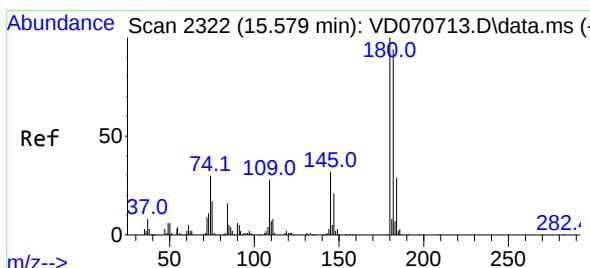
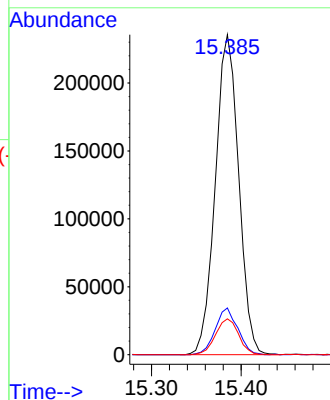
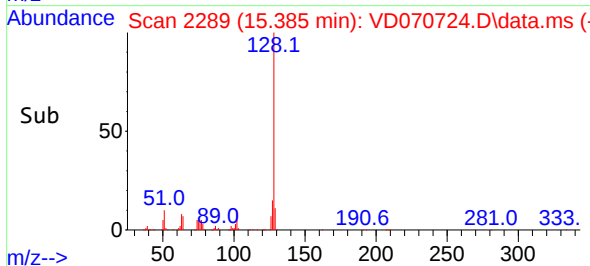


Tgt Ion:128 Resp: 425681
Ion Ratio Lower Upper
128 100
127 14.1 10.9 16.3
129 11.0 8.6 12.8

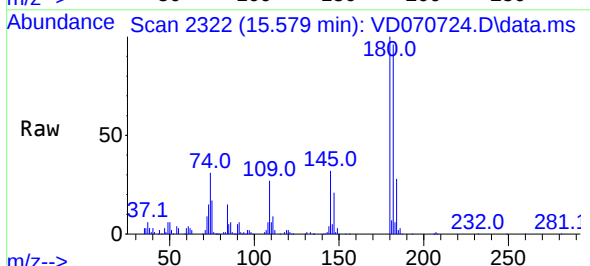
Manual Integrations
APPROVED

MMDadoda

10/19/2021 5:22:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.404 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD070724.D
Acq: 18 Oct 2021 12:26



Tgt Ion:180 Resp: 226286
Ion Ratio Lower Upper
180 100
182 94.6 46.2 138.5
145 31.9 17.1 51.3

