

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070198.D
 Acq On : 20 Aug 2021 12:57
 Operator : VA/SY
 Sample : VD0820SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0820SBS01

Manual Integrations
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SAM
 8/23/2021 11:06:18 AM

Quant Time: Aug 23 03:51:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	489519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	880558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	831839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	392385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	279955	48.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.240%
35) Dibromofluoromethane	7.914	113	279700	49.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.340%
50) Toluene-d8	10.338	98	1098018	49.623	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.626	95	363317	49.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	126495	23.564	ug/l	100
3) Chloromethane	2.209	50	158728	20.813	ug/l	99
4) Vinyl Chloride	2.344	62	170663	20.600	ug/l	100
5) Bromomethane	2.750	94	116267	23.295	ug/l	98
6) Chloroethane	2.909	64	113160	21.381	ug/l	99
7) Trichlorofluoromethane	3.262	101	211648	21.270	ug/l	92
8) Diethyl Ether	3.709	74	58932	20.695	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.085	101	132703	20.963	ug/l	99
10) Methyl Iodide	4.297	142	109642	18.943	ug/l	99
11) Tert butyl alcohol	5.220	59	31390	98.638	ug/l #	89
12) 1,1-Dichloroethene	4.062	96	120770	20.766	ug/l	100
13) Acrolein	3.921	56	27063	73.829	ug/l	99
14) Allyl chloride	4.709	41	172277	19.853	ug/l	98
15) Acrylonitrile	5.415	53	139645	105.758	ug/l	99
16) Acetone	4.150	43	117847	111.110	ug/l	97
17) Carbon Disulfide	4.403	76	425108	20.218	ug/l	99
18) Methyl Acetate	4.715	43	69782	22.067	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	242390	20.082	ug/l	97
20) Methylene Chloride	4.956	84	193807	22.295	ug/l	99
21) trans-1,2-Dichloroethene	5.467	96	136729	20.240	ug/l	98
22) Diisopropyl ether	6.362	45	379320	20.784	ug/l	97
23) Vinyl Acetate	6.309	43	819433	99.072	ug/l	99
24) 1,1-Dichloroethane	6.256	63	256740	20.561	ug/l	98
25) 2-Butanone	7.214	43	159747	110.225	ug/l	90
26) 2,2-Dichloropropane	7.203	77	199121	20.481	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	149796	20.880	ug/l	99
28) Bromochloromethane	7.544	49	102077	22.464	ug/l	100
29) Tetrahydrofuran	7.561	42	96922	102.131	ug/l	98
30) Chloroform	7.703	83	255989	20.846	ug/l	95
31) Cyclohexane	7.985	56	231642	20.327	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	216444	21.092	ug/l	99
36) 1,1-Dichloropropene	8.109	75	196843	20.779	ug/l	99
37) Ethyl Acetate	7.291	43	73555	21.377	ug/l	99
38) Carbon Tetrachloride	8.091	117	178220	20.723	ug/l	94
39) Methylcyclohexane	9.350	83	220079	19.954	ug/l	97
40) Benzene	8.350	78	564945	20.561	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	36369	19.550	ug/l	98
42) 1,2-Dichloroethane	8.420	62	148093	21.031	ug/l	97
43) Isopropyl Acetate	8.444	43	134086	20.874	ug/l	98
44) Trichloroethene	9.108	130	137558	20.725	ug/l	98
45) 1,2-Dichloropropane	9.385	63	149067	20.887	ug/l	89
46) Dibromomethane	9.467	93	72844	21.014	ug/l	98
47) Bromodichloromethane	9.655	83	191294	21.329	ug/l	98
48) Methyl methacrylate	9.456	41	64822	21.161	ug/l	96
49) 1,4-Dioxane	9.456	88	17218	456.413	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	350186	104.842	ug/l	98
52) Toluene	10.403	92	357237	21.361	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	166267	20.930	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	200869	20.833	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	102722	20.915	ug/l	98
56) Ethyl methacrylate	10.655	69	111277	19.909	ug/l	98
57) 1,3-Dichloropropane	10.944	76	176819	20.795	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	298137	101.134	ug/l	99
59) 2-Hexanone	10.979	43	240980	107.729	ug/l	97
60) Dibromochloromethane	11.132	129	116880	20.773	ug/l	99
61) 1,2-Dibromoethane	11.238	107	94390	21.228	ug/l	100
64) Tetrachloroethene	10.873	164	110682	20.625	ug/l	98
65) Chlorobenzene	11.661	112	358944	20.653	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	127284	20.622	ug/l	99
67) Ethyl Benzene	11.738	91	623300	20.284	ug/l	97
68) m/p-Xylenes	11.849	106	496094	41.658	ug/l	98
69) o-Xylene	12.173	106	221069	20.574	ug/l	98
70) Styrene	12.185	104	392869	20.876	ug/l	99
71) Bromoform	12.349	173	61834	20.562	ug/l #	98
73) Isopropylbenzene	12.473	105	582584	20.360	ug/l	98
74) N-amyl acetate	12.279	43	126940	20.576	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	120213	21.056	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	80145m	20.140	ug/l	
77) Bromobenzene	12.749	156	129858	20.447	ug/l	98
78) n-propylbenzene	12.808	91	773419	20.959	ug/l	99
79) 2-Chlorotoluene	12.897	91	434352	20.459	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	502026	20.609	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	31176	20.335	ug/l	93
82) 4-Chlorotoluene	12.996	91	465459	20.938	ug/l	100
83) tert-Butylbenzene	13.214	119	400455	20.225	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	498287	20.621	ug/l	99
85) sec-Butylbenzene	13.391	105	646540	20.381	ug/l	99
86) p-Isopropyltoluene	13.502	119	524191	20.453	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	275658	20.428	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	272336	20.376	ug/l	97
89) n-Butylbenzene	13.832	91	511279	20.329	ug/l	98
90) Hexachloroethane	14.102	117	109836	20.309	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	237153	20.510	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	17060	20.005	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	127777	19.872	ug/l	98
94) Hexachlorobutadiene	15.249	225	75942	19.994	ug/l	99
95) Naphthalene	15.385	128	228294	19.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	113651	20.248	ug/l	99

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

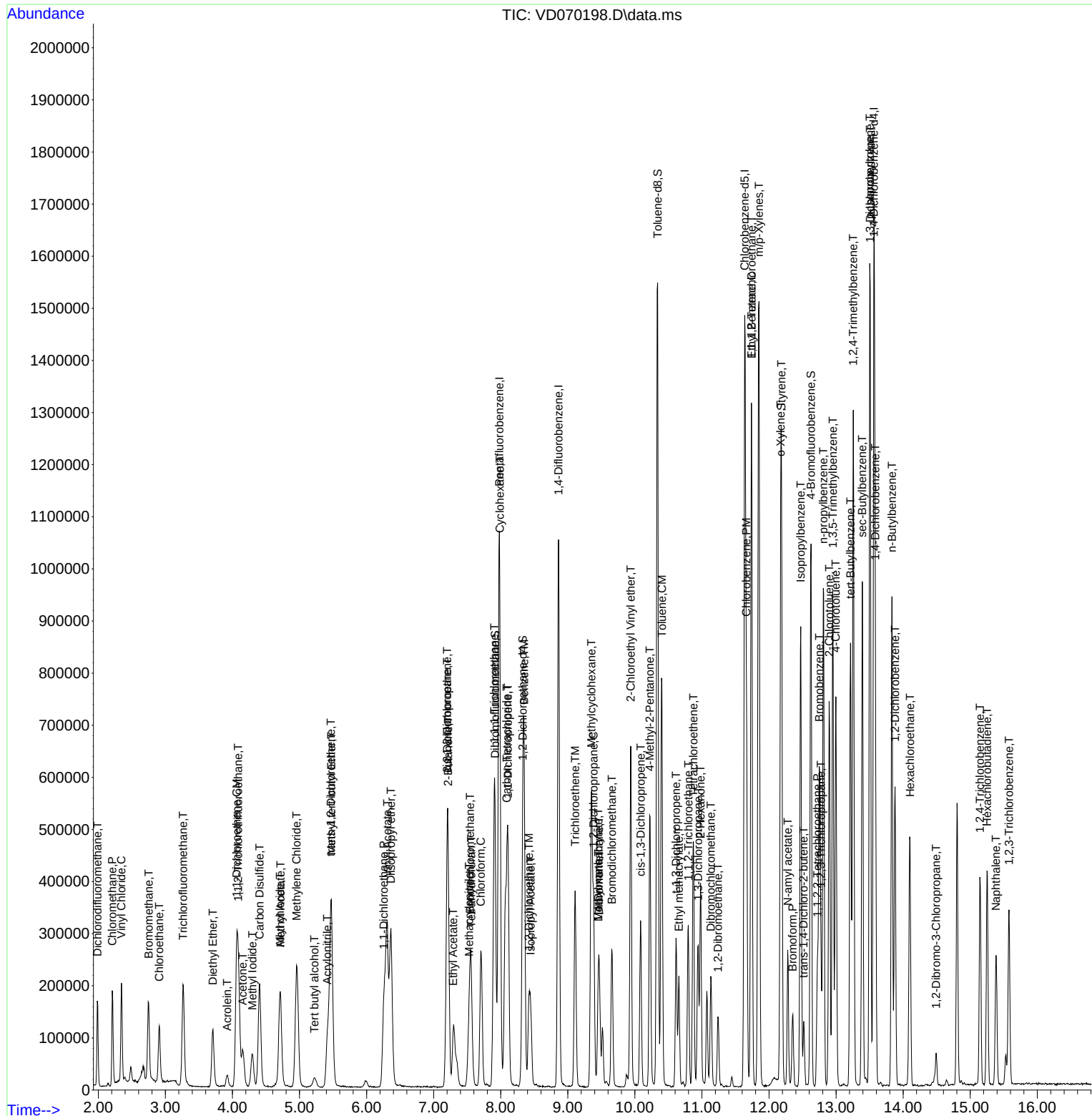
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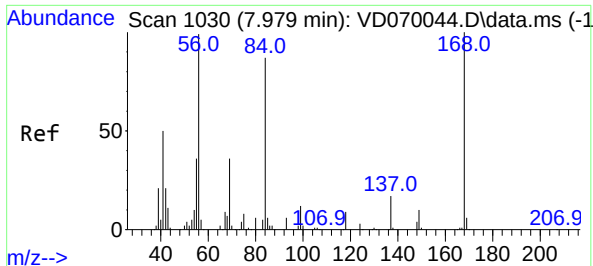
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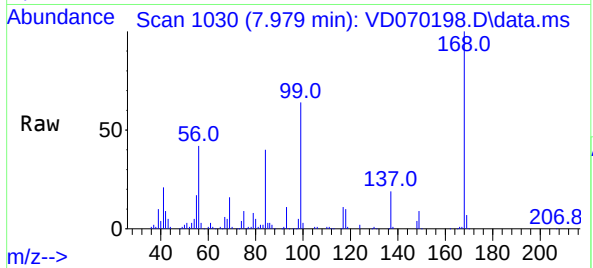
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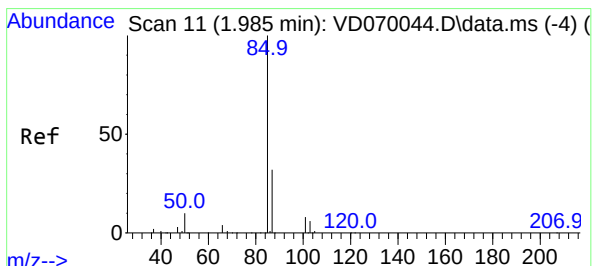
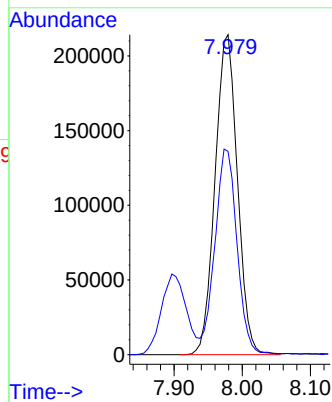
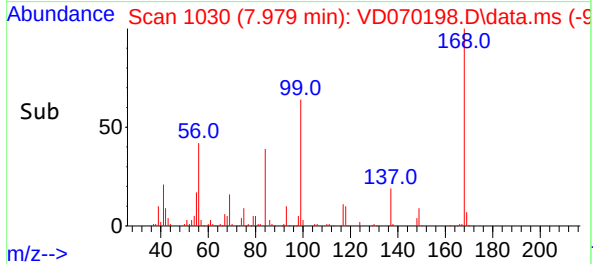




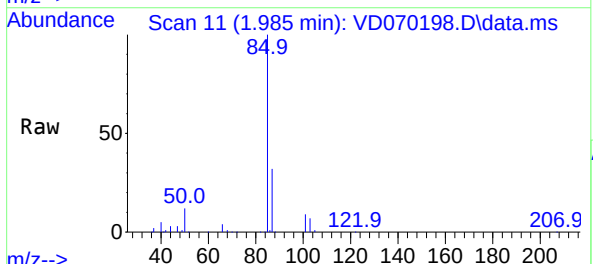
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070198.D
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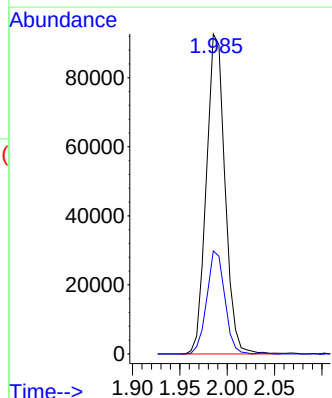
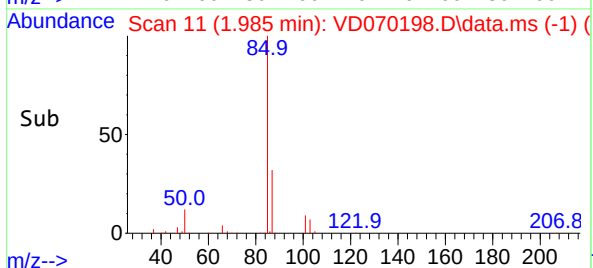
Tgt Ion: 168 Resp: 489519
Ion Ratio Lower Upper
168 100
99 63.2 50.3 75.5



#2
Dichlorodifluoromethane
Concen: 23.564 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



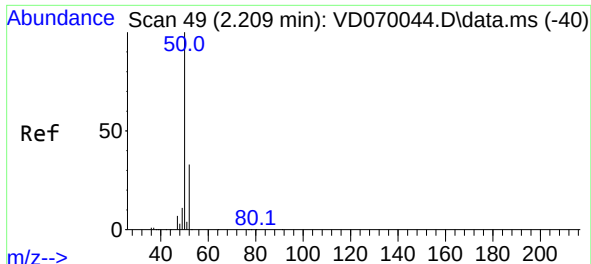
Tgt Ion: 85 Resp: 126495
Ion Ratio Lower Upper
85 100
87 32.2 16.2 48.6



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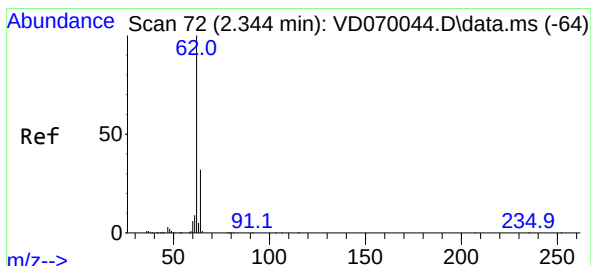
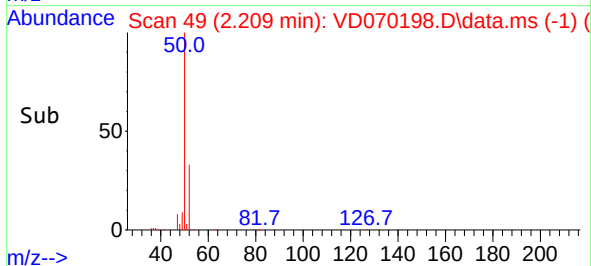
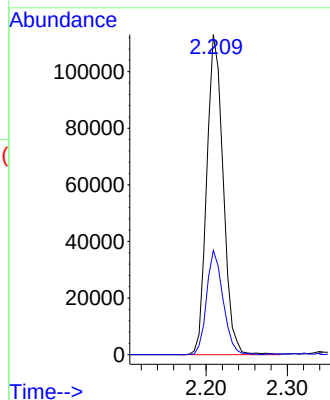
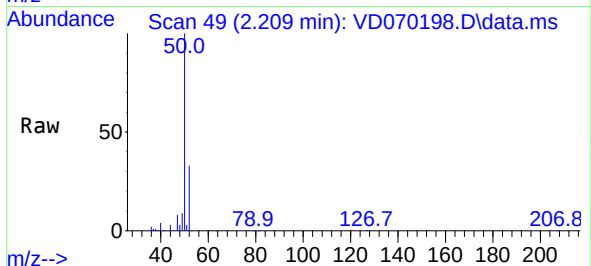
#3
Chloromethane
Concen: 20.813 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 50 Resp: 158728
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5

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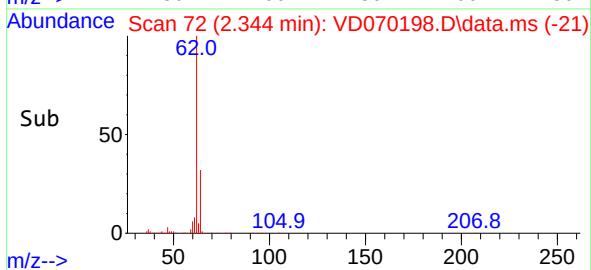
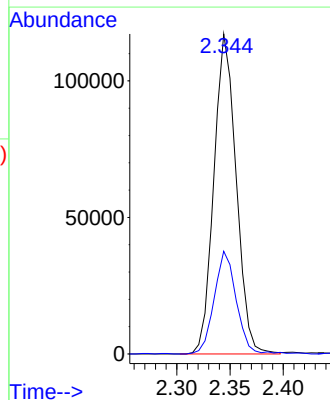
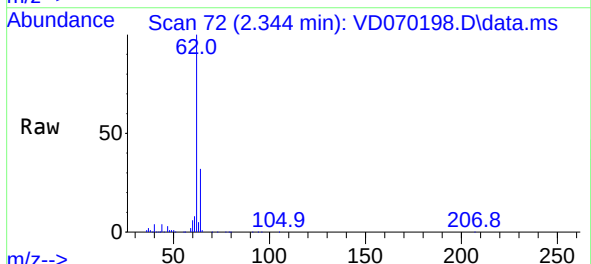
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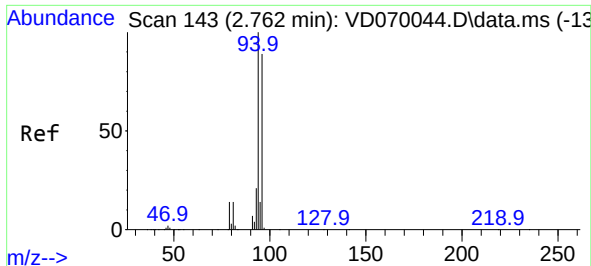
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#4
Vinyl Chloride
Concen: 20.600 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 62 Resp: 170663
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5





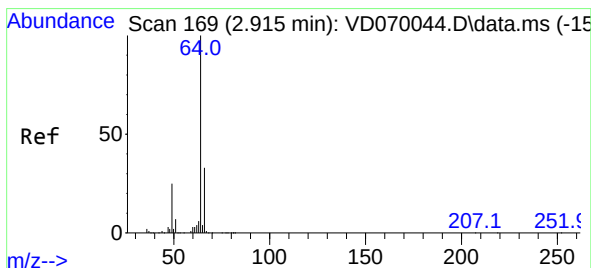
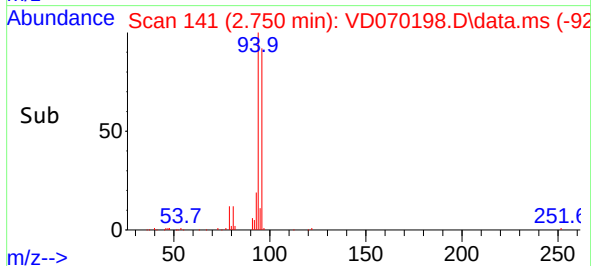
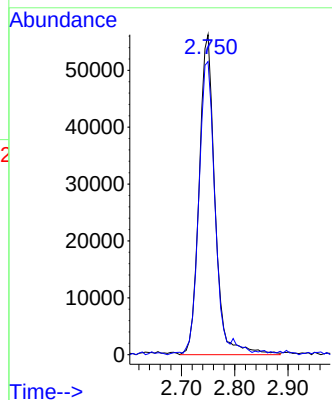
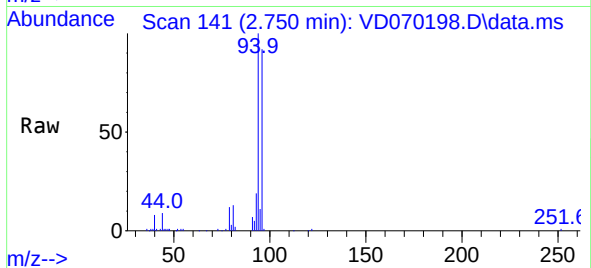
#5
Bromomethane
Concen: 23.295 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.012 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 94 Resp: 116267
Ion Ratio Lower Upper
94 100
96 90.9 70.9 106.3

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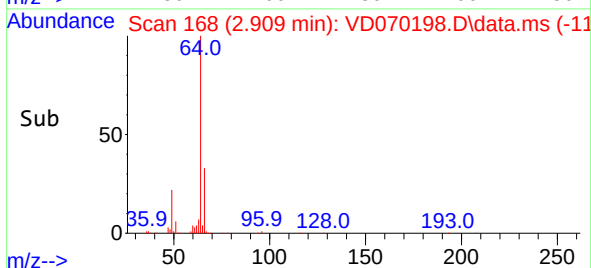
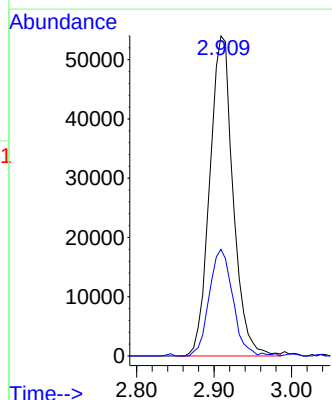
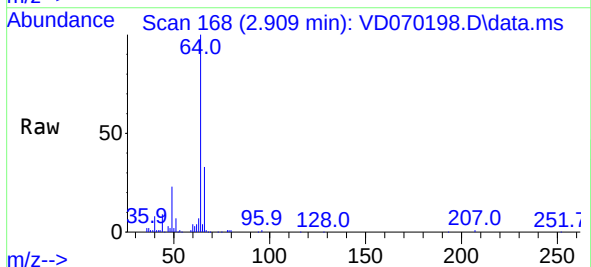
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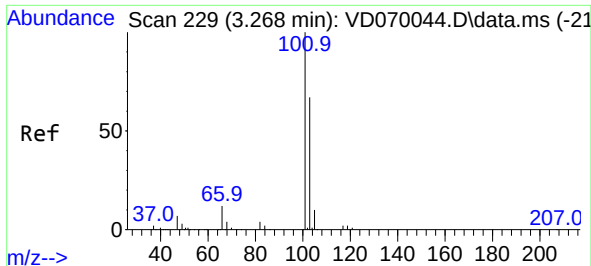
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#6
Chloroethane
Concen: 21.381 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 64 Resp: 113160
Ion Ratio Lower Upper
64 100
66 33.3 26.0 39.0





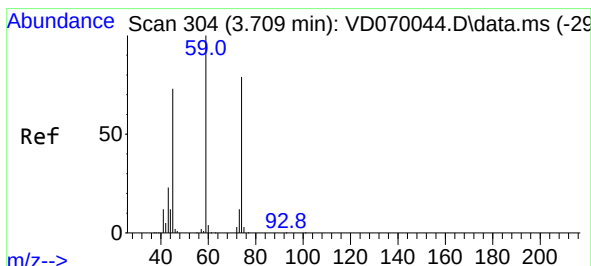
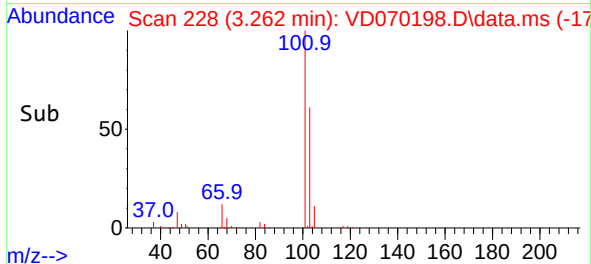
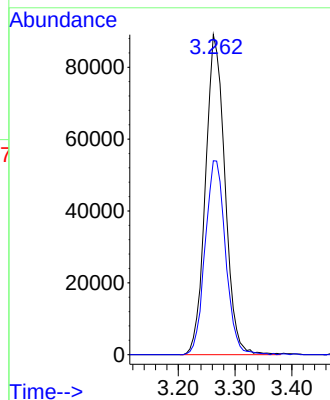
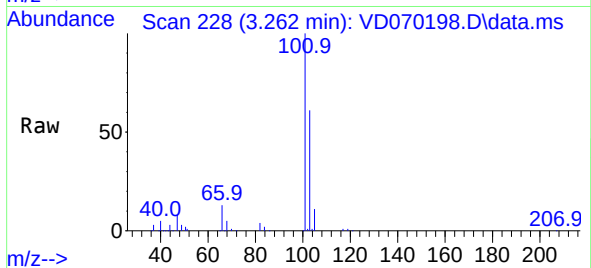
#7
Trichlorofluoromethane
Concen: 21.270 ug/l
RT: 3.262 min Scan# 228
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:101 Resp: 211648
Ion Ratio Lower Upper
101 100
103 60.6 53.9 80.9

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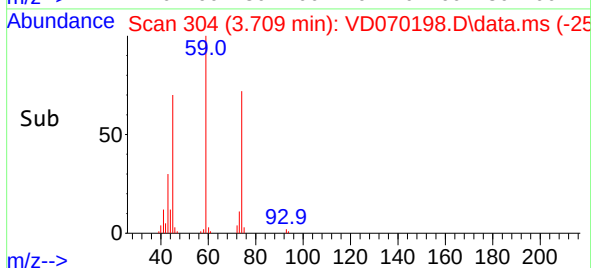
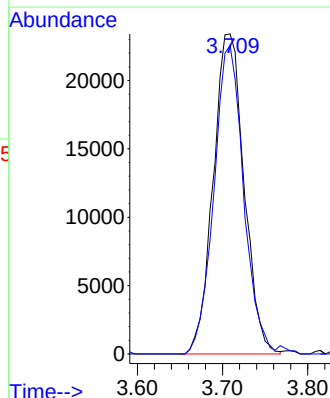
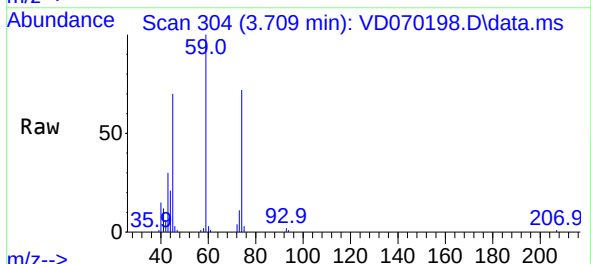
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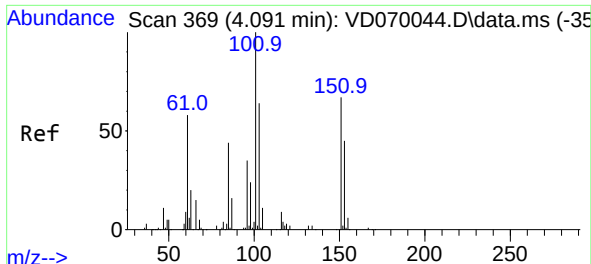
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#8
Diethyl Ether
Concen: 20.695 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 74 Resp: 58932
Ion Ratio Lower Upper
74 100
45 92.5 48.6 145.9





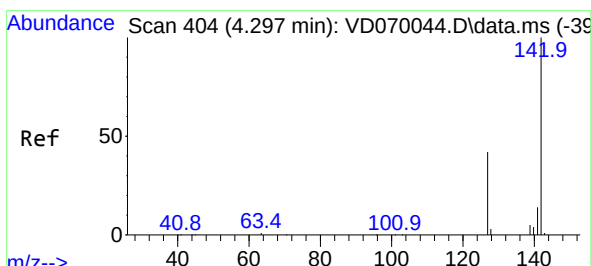
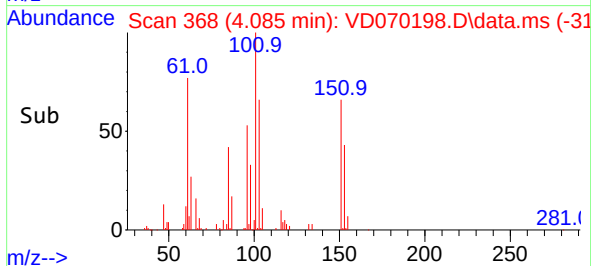
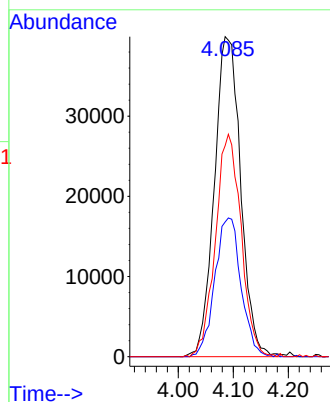
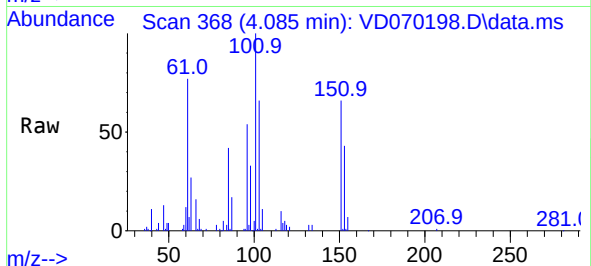
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.963 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:101 Resp: 132703
Ion Ratio Lower Upper
101 100
85 43.1 34.6 52.0
151 67.8 55.0 82.6

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

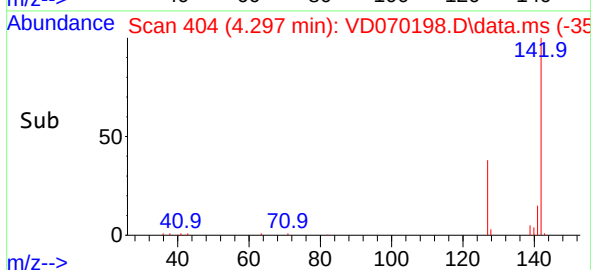
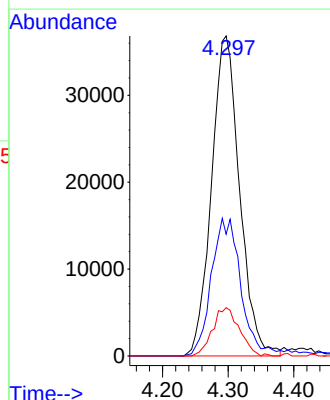
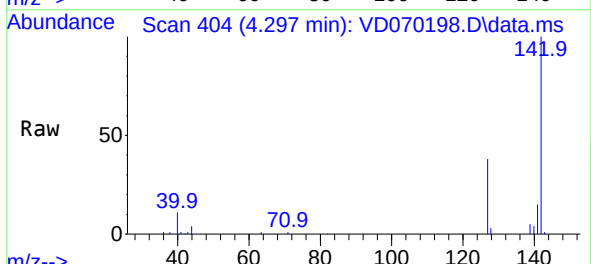
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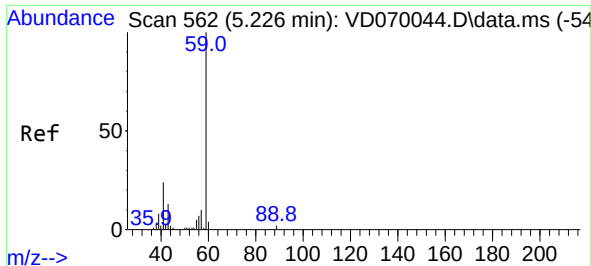
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#10
Methyl Iodide
Concen: 18.943 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:142 Resp: 109642
Ion Ratio Lower Upper
142 100
127 45.1 35.4 53.0
141 14.3 12.1 18.1





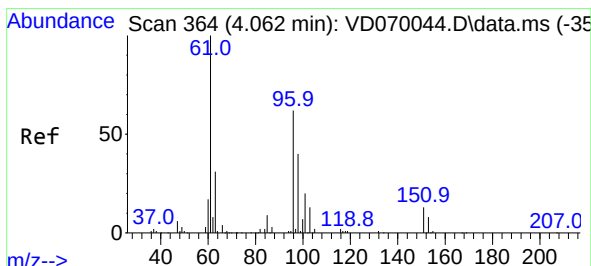
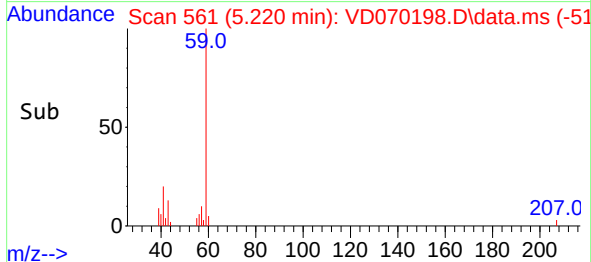
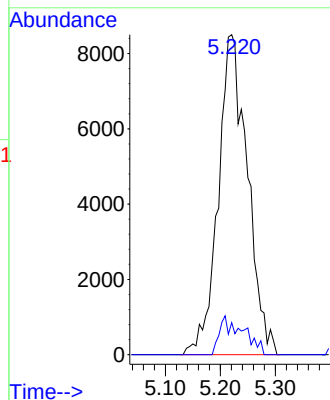
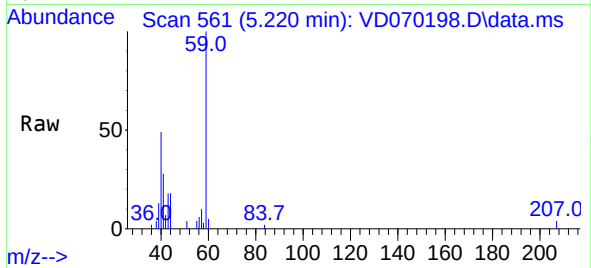
#11
Tert butyl alcohol
Concen: 98.638 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 59 Resp: 31390
Ion Ratio Lower Upper
59 100
57 6.8 8.8 13.2#

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

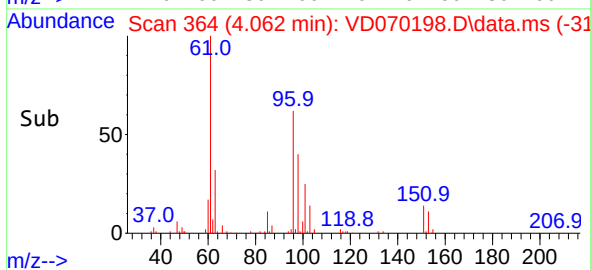
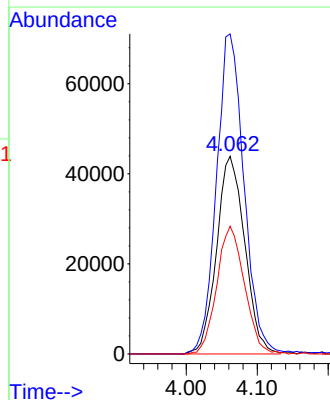
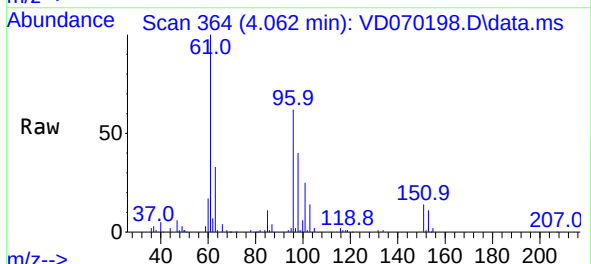
Manual Integrations
APPROVED

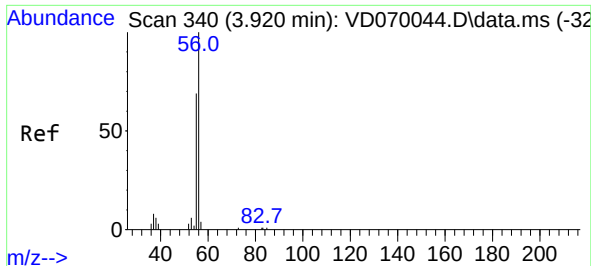
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#12
1,1-Dichloroethene
Concen: 20.766 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 96 Resp: 120770
Ion Ratio Lower Upper
96 100
61 161.9 129.1 193.7
98 64.6 52.0 78.0





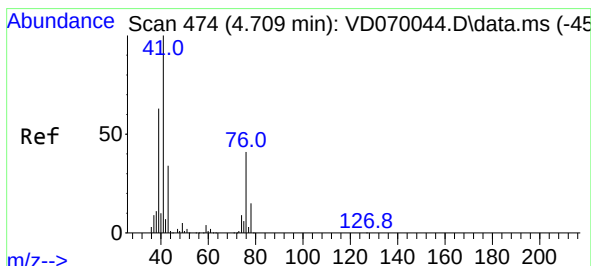
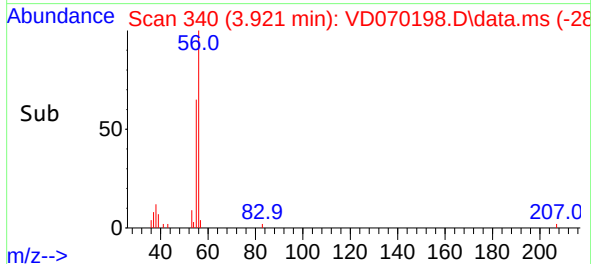
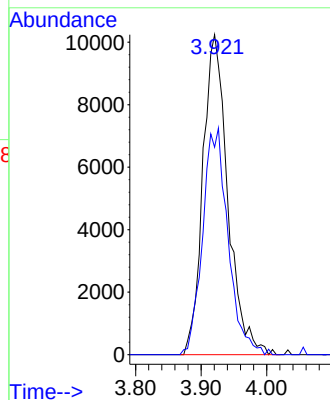
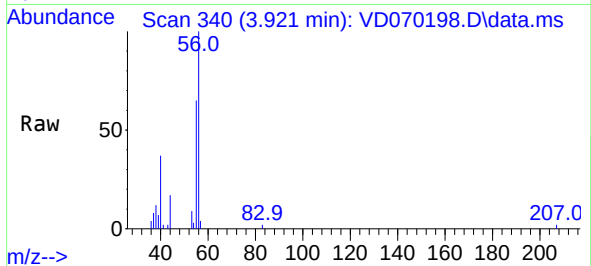
#13
Acrolein
Concen: 73.829 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 56 Resp: 27063
Ion Ratio Lower Upper
56 100
55 72.3 57.4 86.0

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

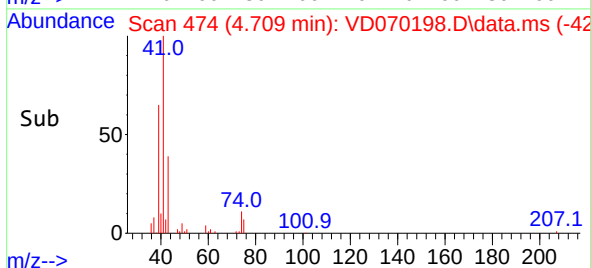
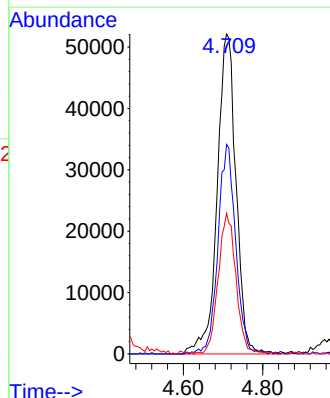
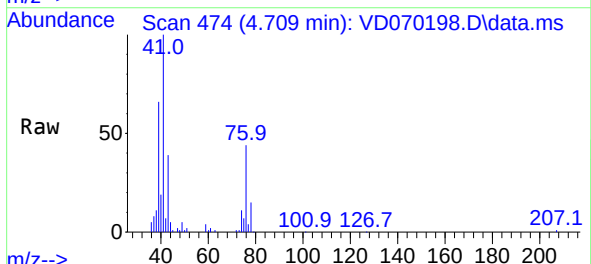
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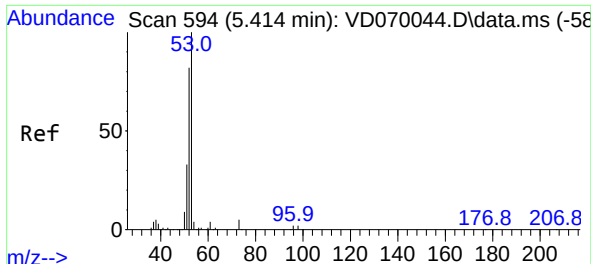
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#14
Allyl chloride
Concen: 19.853 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

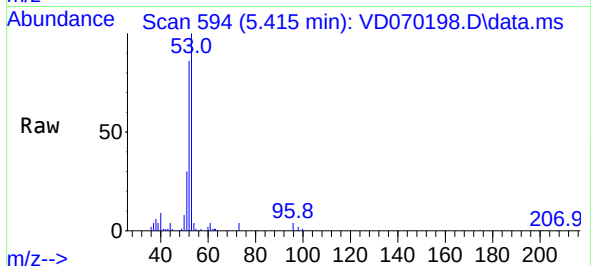
Tgt Ion: 41 Resp: 172277
Ion Ratio Lower Upper
41 100
39 61.4 47.9 71.9
76 41.1 31.6 47.4





#15
Acrylonitrile
Concen: 105.758 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

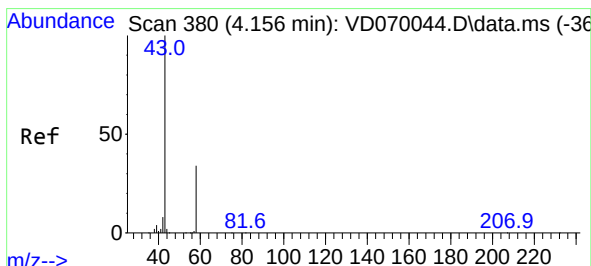
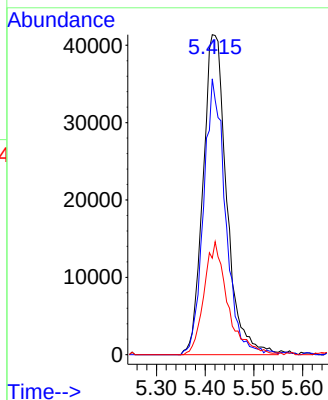
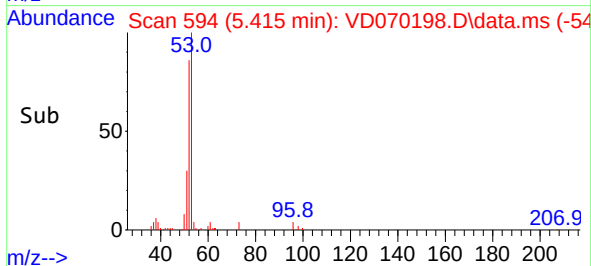
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01



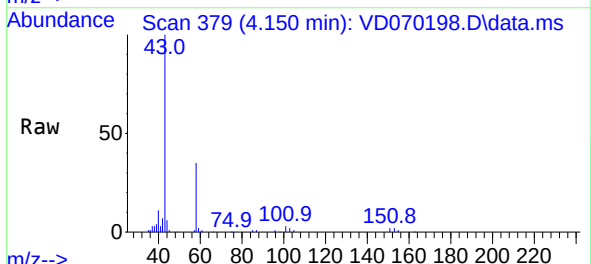
Tgt Ion: 53 Resp: 139645
Ion Ratio Lower Upper
53 100
52 79.4 64.5 96.7
51 35.3 28.2 42.4

Manual Integrations
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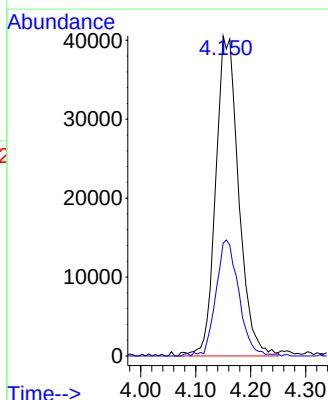
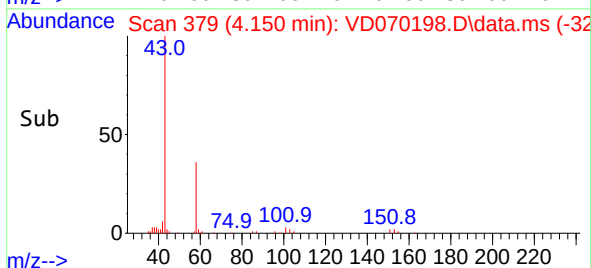
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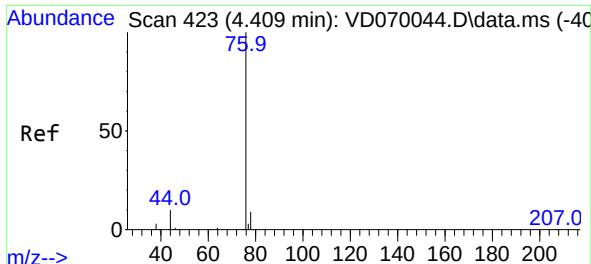


#16
Acetone
Concen: 111.110 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



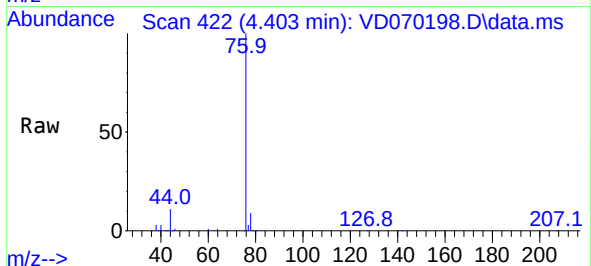
Tgt Ion: 43 Resp: 117847
Ion Ratio Lower Upper
43 100
58 35.3 26.8 40.2





#17
Carbon Disulfide
Concen: 20.218 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

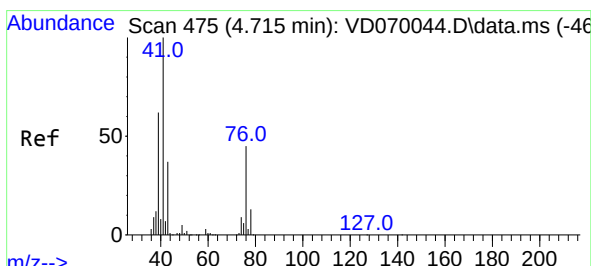
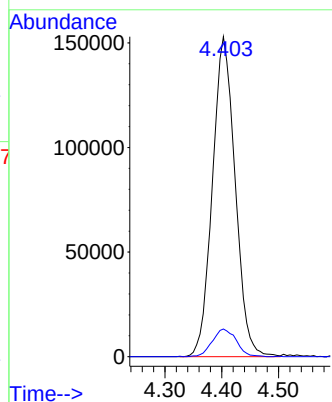
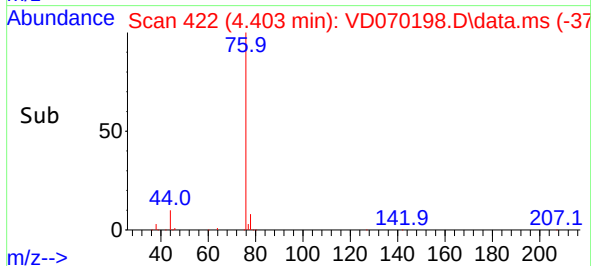
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01



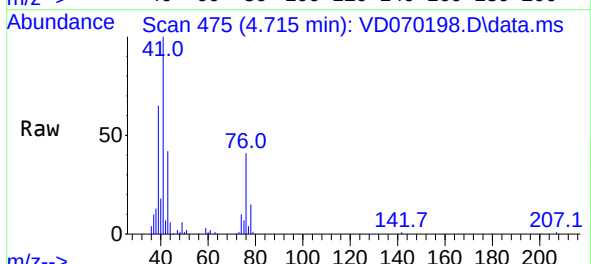
Tgt Ion: 76 Resp: 425108
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

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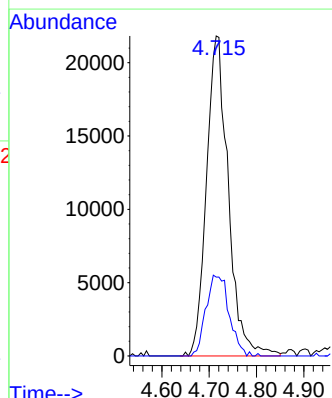
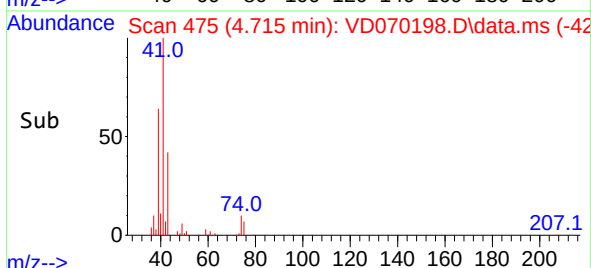
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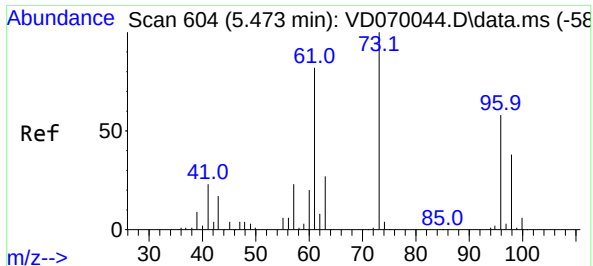


#18
Methyl Acetate
Concen: 22.067 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



Tgt Ion: 43 Resp: 69782
Ion Ratio Lower Upper
43 100
74 26.7 20.2 30.2





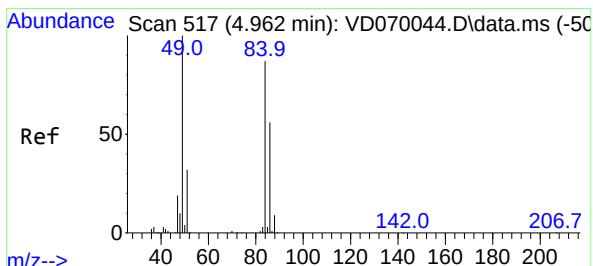
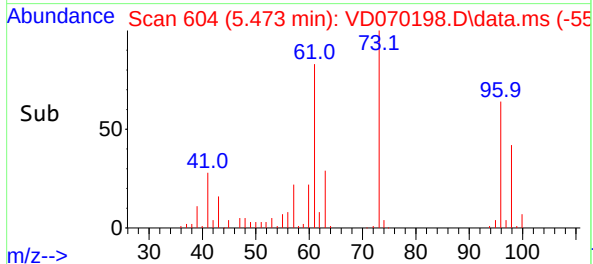
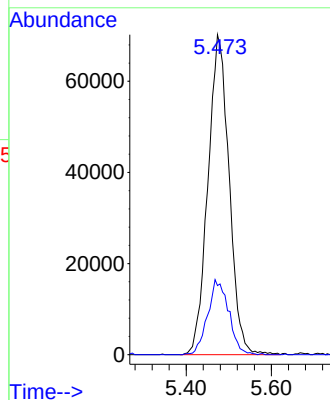
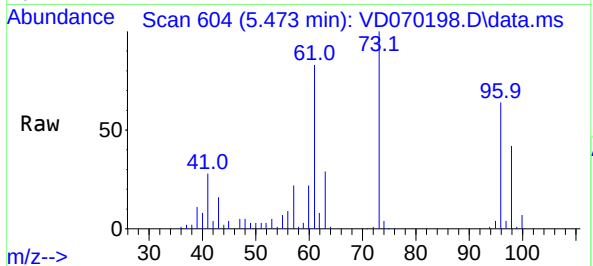
#19
Methyl tert-butyl Ether
Concen: 20.082 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 73 Resp: 242390
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.4

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

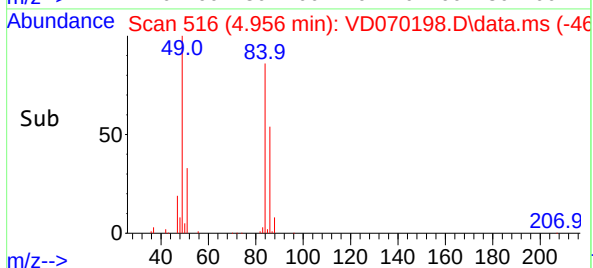
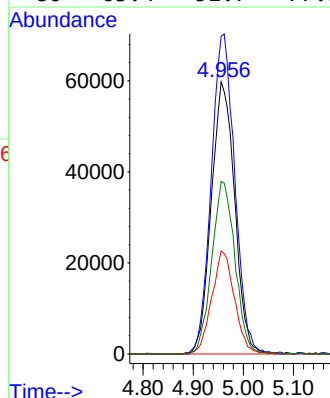
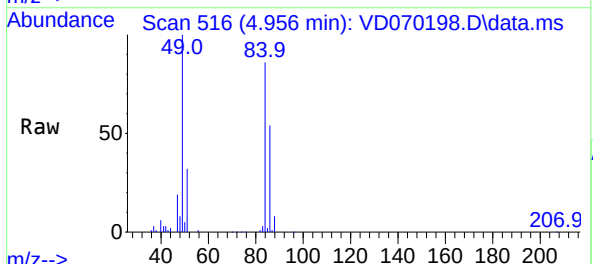
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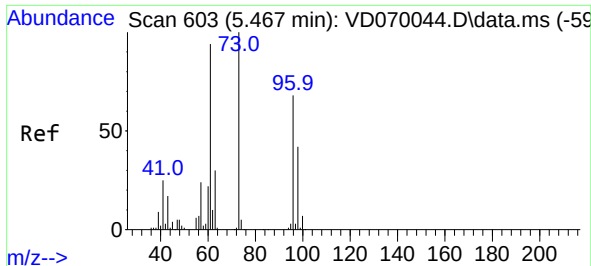
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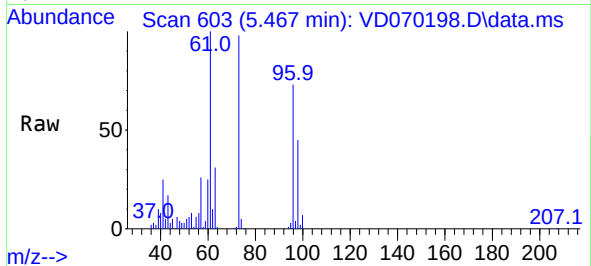
#20
Methylene Chloride
Concen: 22.295 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 84 Resp: 193807
Ion Ratio Lower Upper
84 100
49 116.8 92.5 138.7
51 37.9 29.7 44.5
86 63.4 51.7 77.5



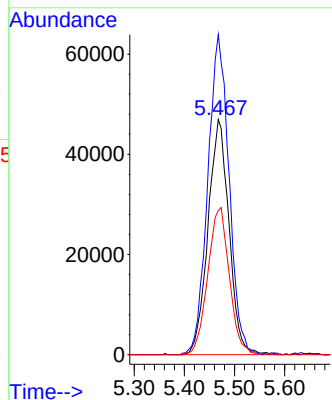


#21
trans-1,2-Dichloroethene
Concen: 20.240 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



Tgt Ion: 96 Resp: 136729

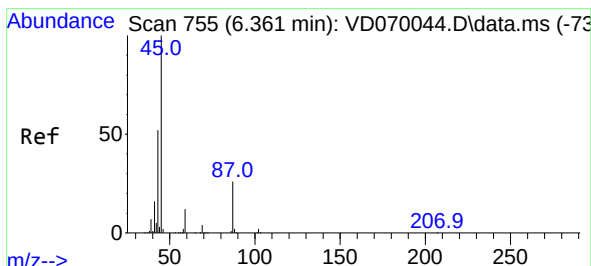
Ion	Ratio	Lower	Upper
96	100		
61	136.1	111.0	166.4
98	61.3	49.0	73.4



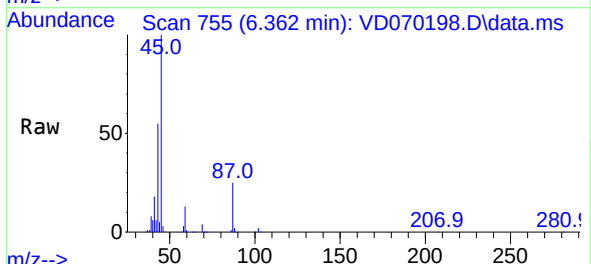
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

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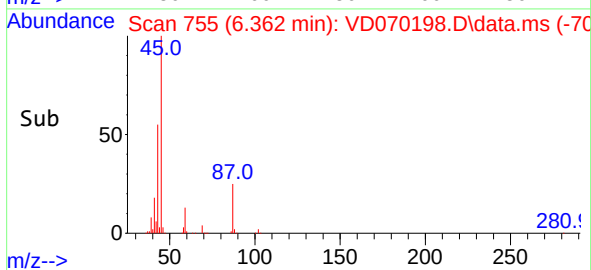
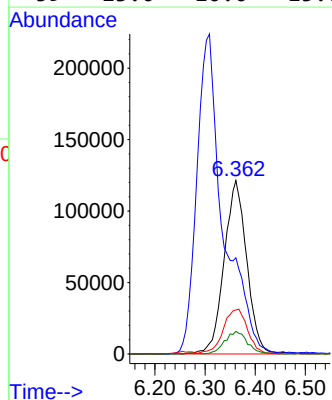


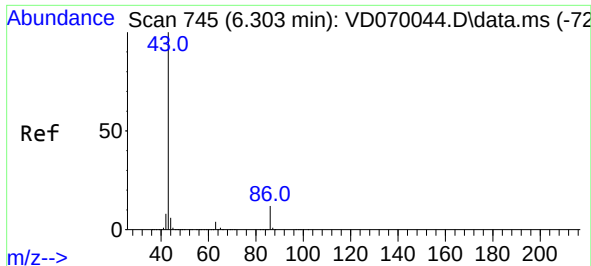
#22
Diisopropyl ether
Concen: 20.784 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



Tgt Ion: 45 Resp: 379320

Ion	Ratio	Lower	Upper
45	100		
43	54.4	41.7	62.5
87	24.9	21.0	31.4
59	13.0	10.0	15.0





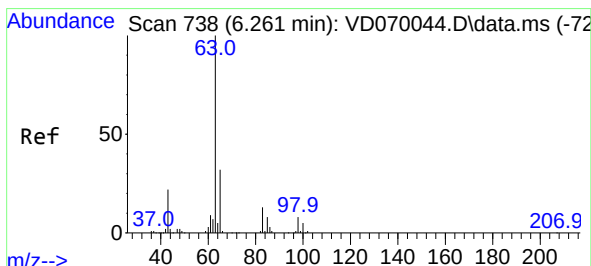
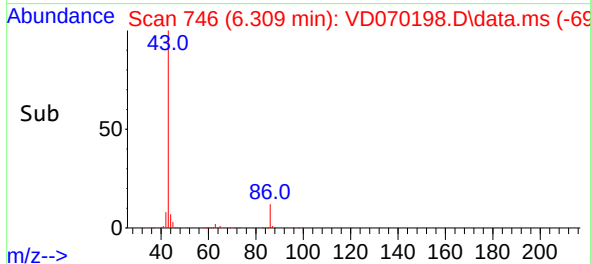
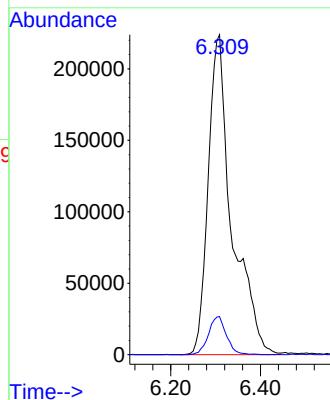
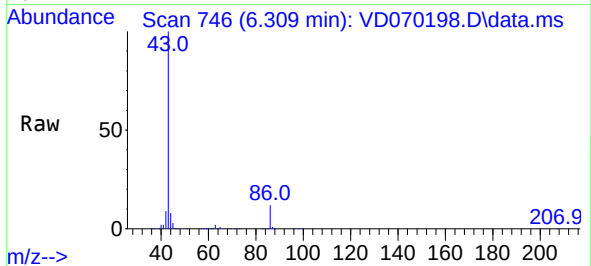
#23
 Vinyl Acetate
 Concen: 99.072 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD070198.D
 Acq: 20 Aug 2021 12:57

Tgt Ion: 43 Resp: 819433
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.2 13.8

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0820SBS01

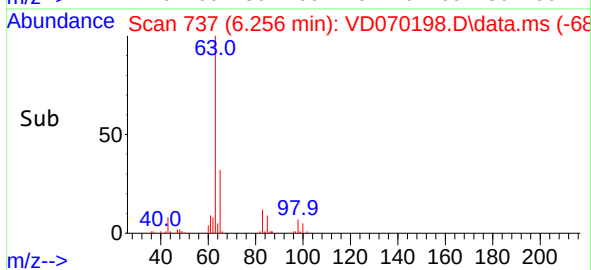
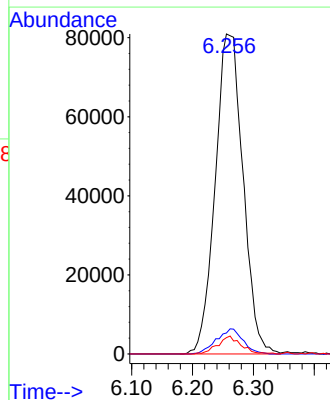
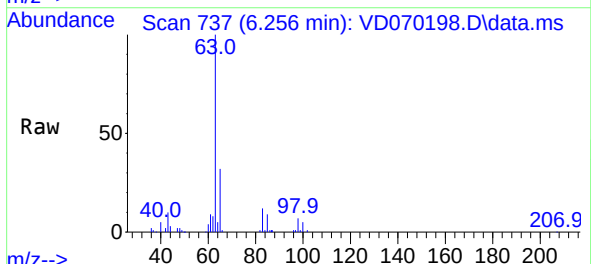
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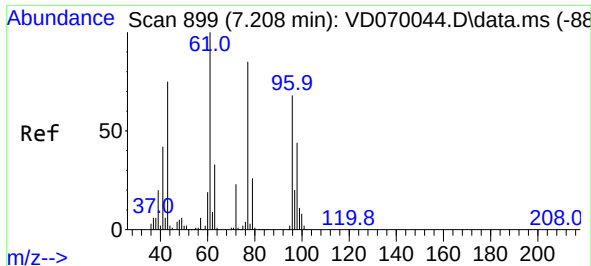
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#24
 1,1-Dichloroethane
 Concen: 20.561 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD070198.D
 Acq: 20 Aug 2021 12:57

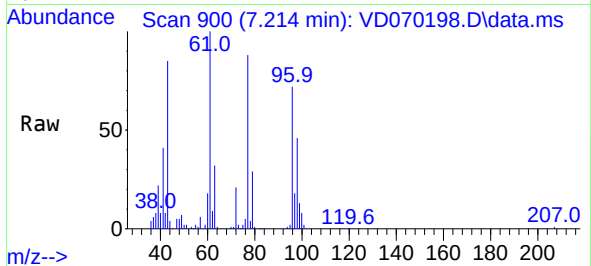
Tgt Ion: 63 Resp: 256740
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.2
 100 5.1 2.3 6.9





#25
2-Butanone
Concen: 110.225 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

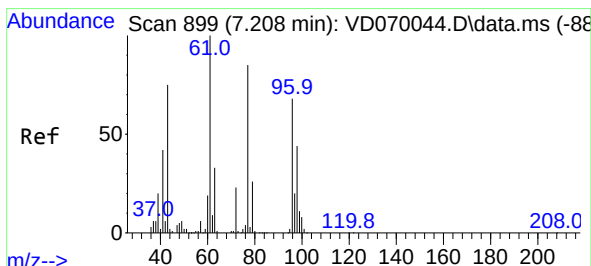
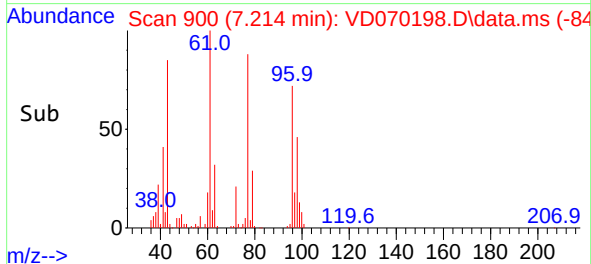
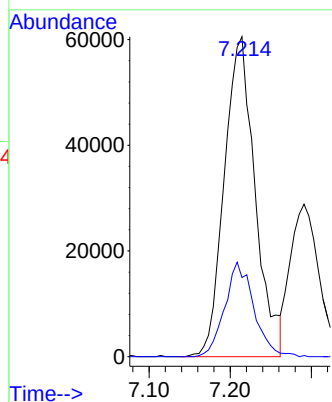
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01



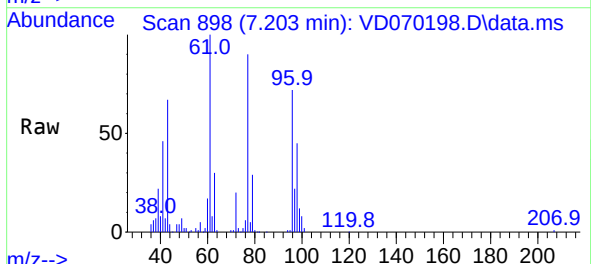
Tgt Ion: 43 Resp: 159747
Ion Ratio Lower Upper
43 100
72 24.7 24.2 36.4

Manual Integrations
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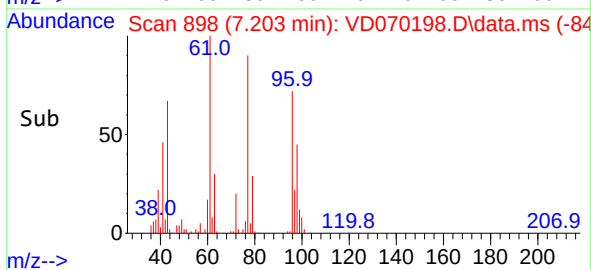
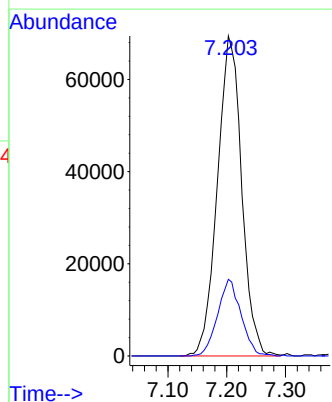
SAM
8/23/2021 11:06:18 AM

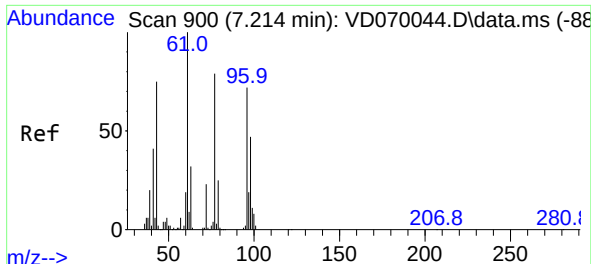


#26
2,2-Dichloropropane
Concen: 20.481 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



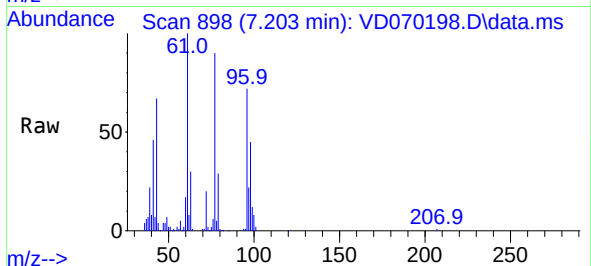
Tgt Ion: 77 Resp: 199121
Ion Ratio Lower Upper
77 100
97 23.1 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 20.880 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

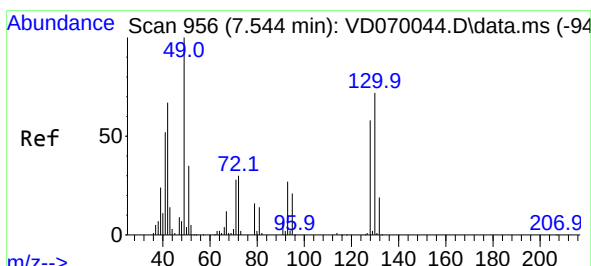
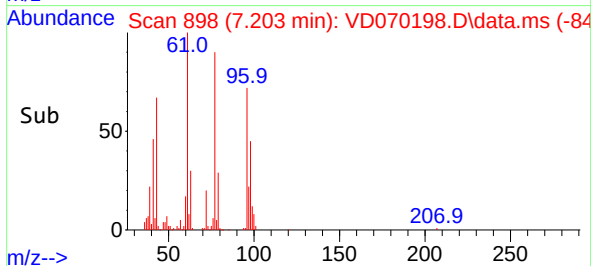
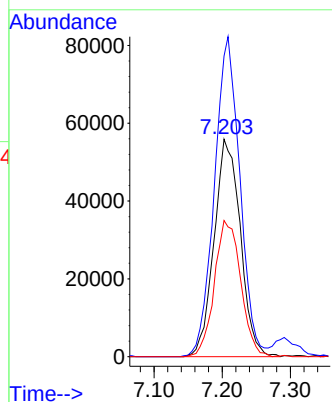
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01



Tgt Ion: 96 Resp: 149796
Ion Ratio Lower Upper
96 100
61 143.1 0.0 288.2
98 62.6 0.0 129.6

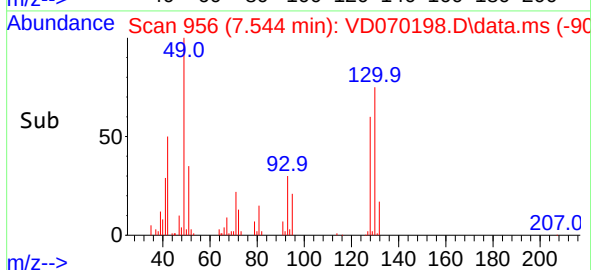
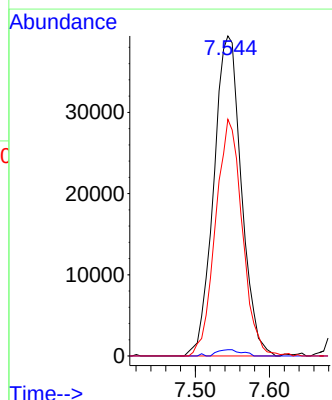
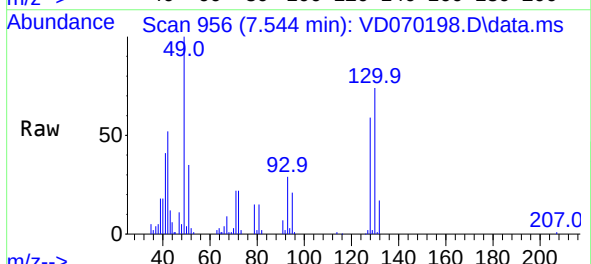
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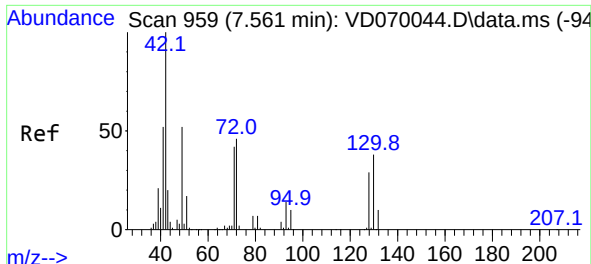
SAM
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#28
Bromochloromethane
Concen: 22.464 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

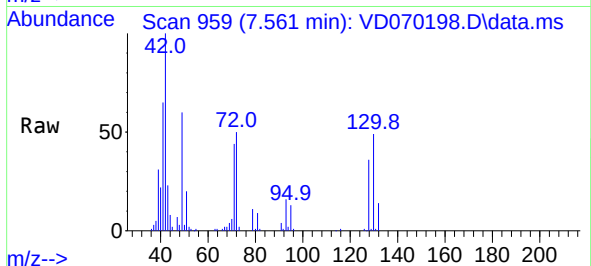
Tgt Ion: 49 Resp: 102077
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 71.8 57.6 86.4





#29
Tetrahydrofuran
Concen: 102.131 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

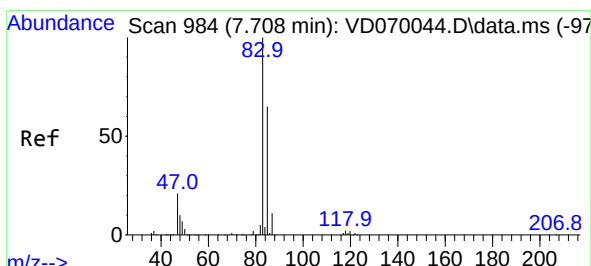
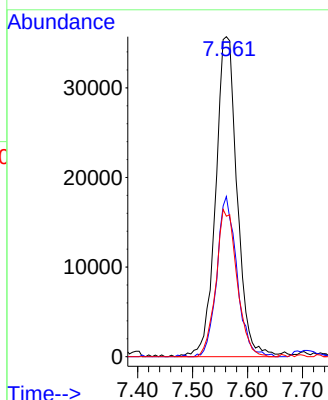
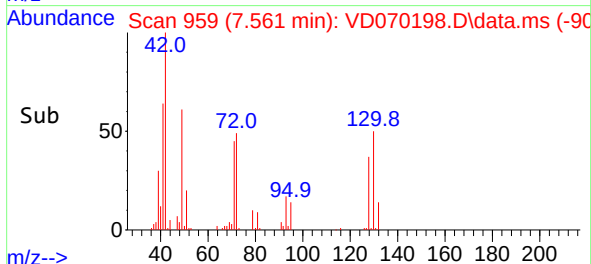
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01



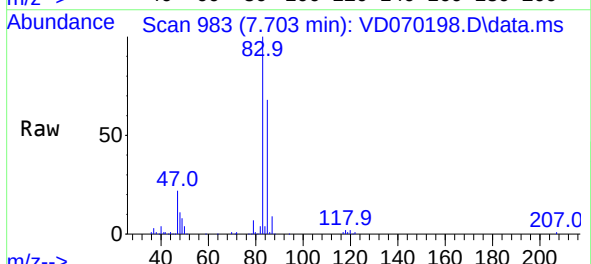
Tgt Ion: 42 Resp: 96922
Ion Ratio Lower Upper
42 100
72 46.6 37.5 56.3
71 45.0 33.6 50.4

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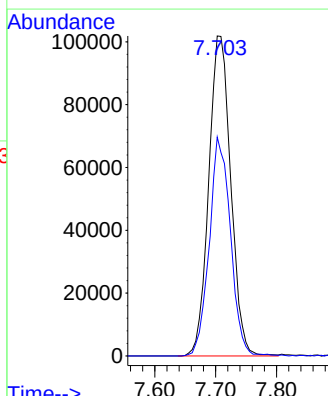
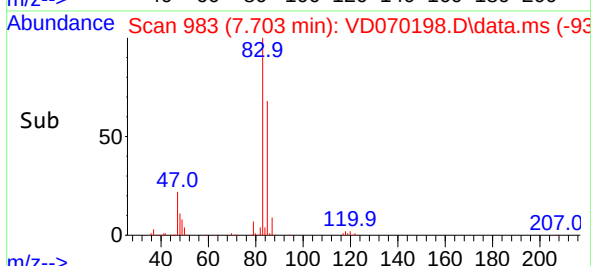
SAM
8/23/2021 11:06:18 AM

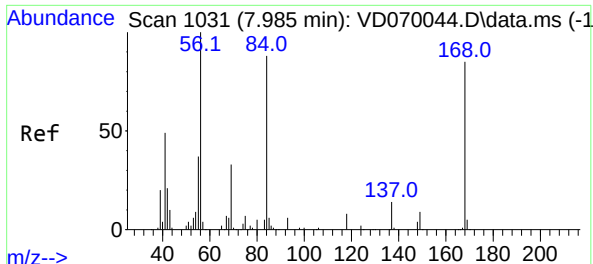


#30
Chloroform
Concen: 20.846 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



Tgt Ion: 83 Resp: 255989
Ion Ratio Lower Upper
83 100
85 68.4 51.8 77.8





#31

Cyclohexane

Concen: 20.327 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD070198.D

Acq: 20 Aug 2021 12:57

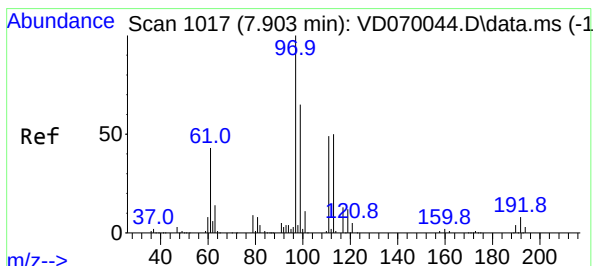
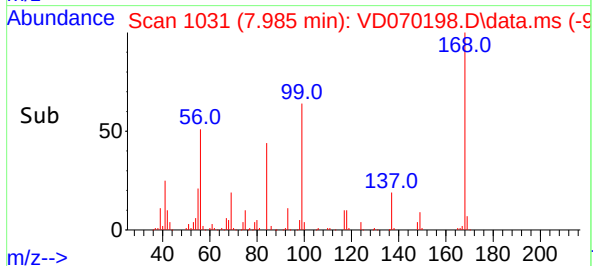
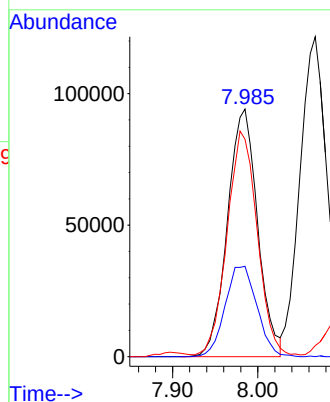
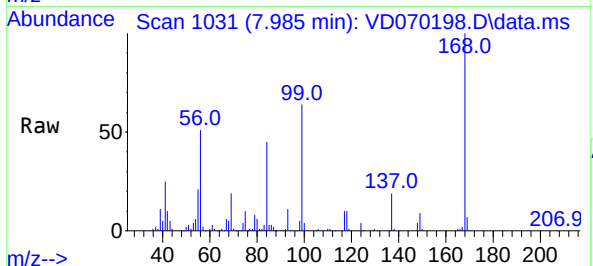
Tgt Ion: 56 Resp: 231642

Ion	Ratio	Lower	Upper
56	100		
69	36.5	26.7	40.1
84	86.4	70.4	105.6

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.092 ug/l

RT: 7.903 min Scan# 1017

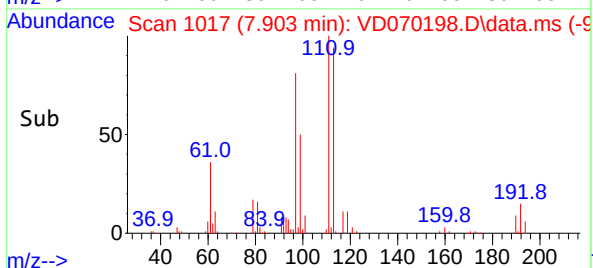
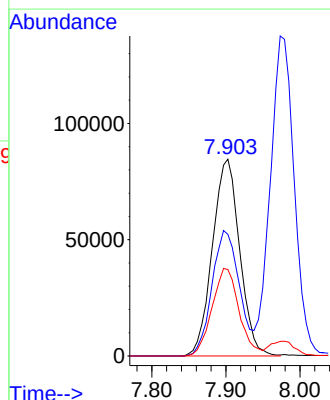
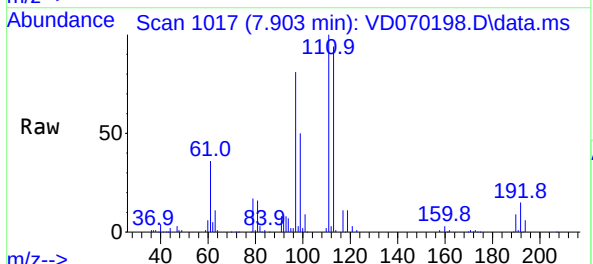
Delta R.T. 0.000 min

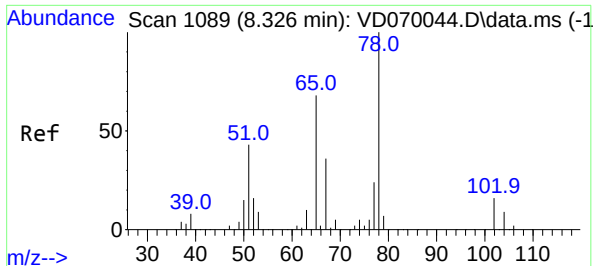
Lab File: VD070198.D

Acq: 20 Aug 2021 12:57

Tgt Ion: 97 Resp: 216444

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.4	78.6
61	44.1	34.4	51.6





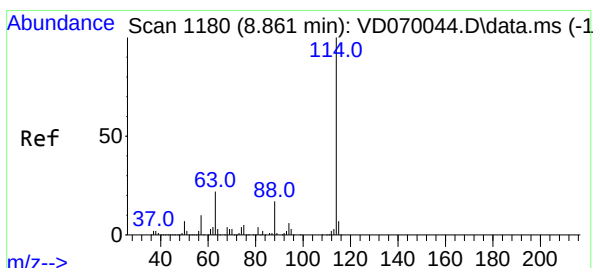
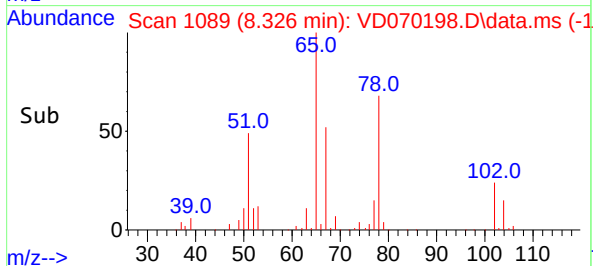
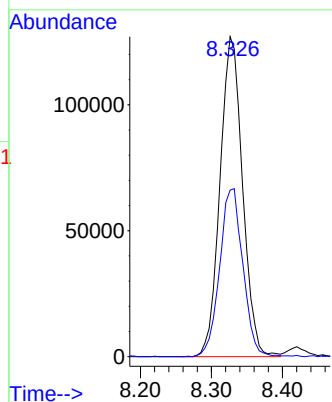
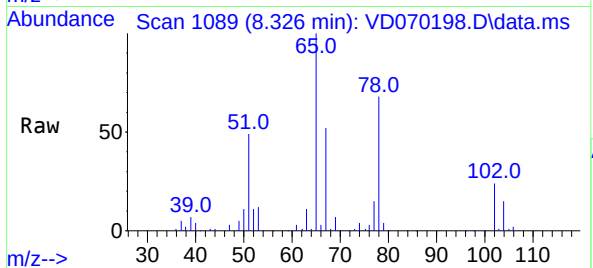
#33
1,2-Dichloroethane-d4
Concen: 48.624 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 65 Resp: 279955
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.8

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

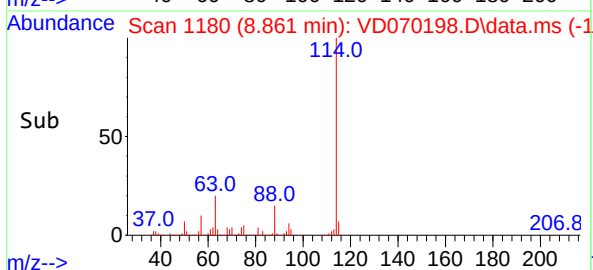
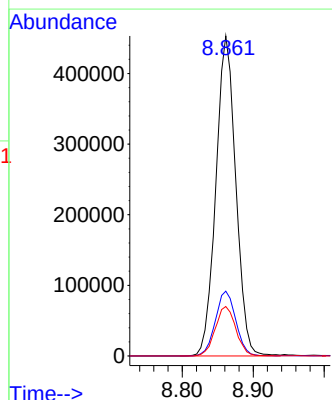
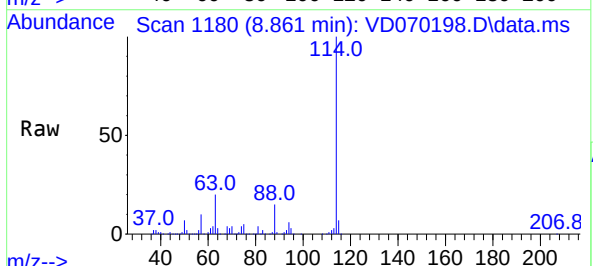
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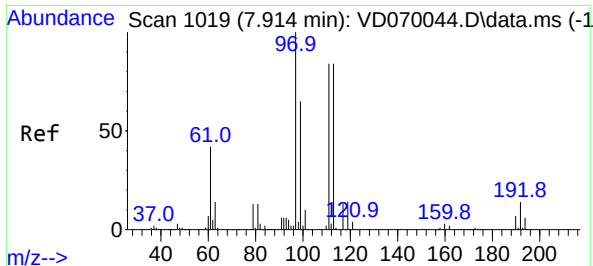
SAM
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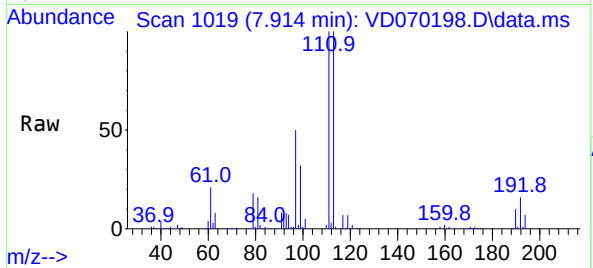
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 114 Resp: 880558
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.6
88 15.5 0.0 33.4

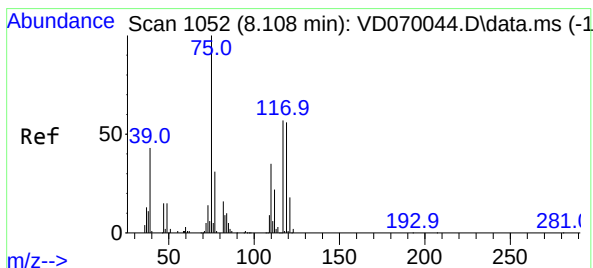
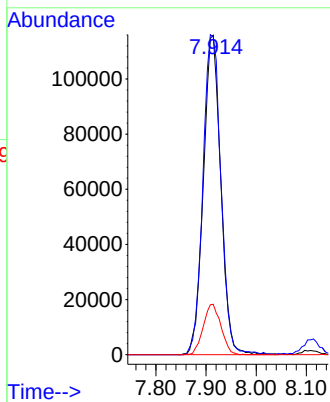
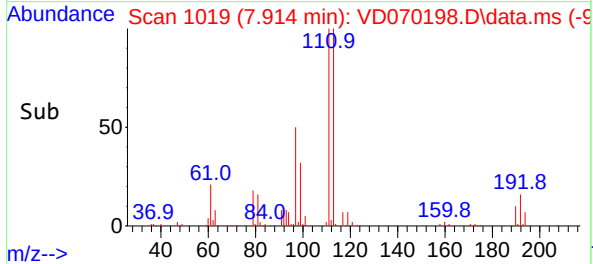




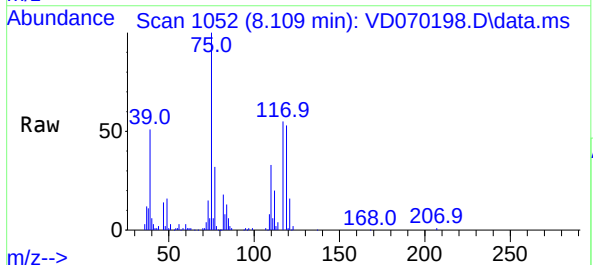
#35
Dibromofluoromethane
Concen: 49.165 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



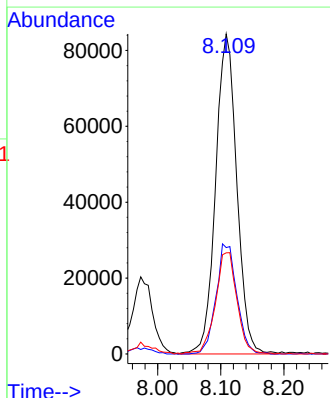
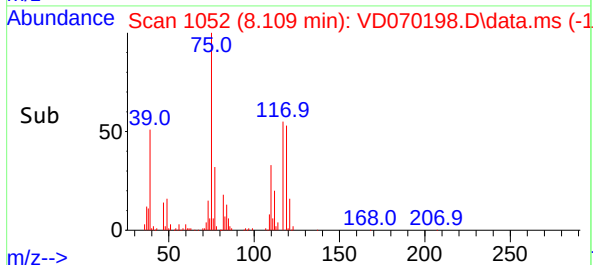
Tgt Ion: 113 Resp: 279700
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 16.0 13.2 19.8



#36
1,1-Dichloropropene
Concen: 20.779 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



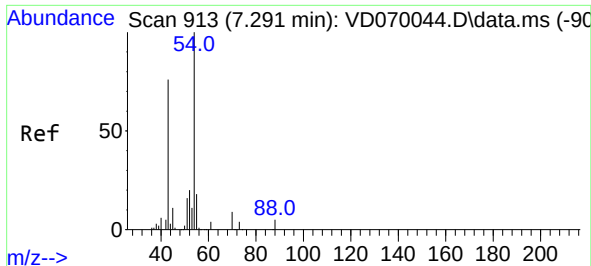
Tgt Ion: 75 Resp: 196843
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.7
77 32.4 25.2 37.8



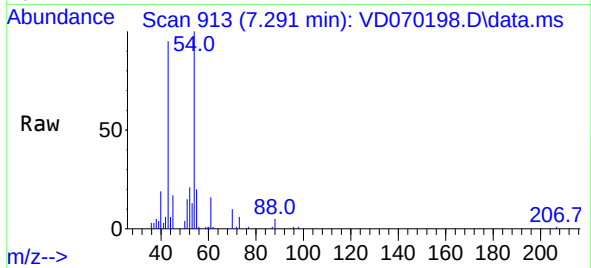
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBS01

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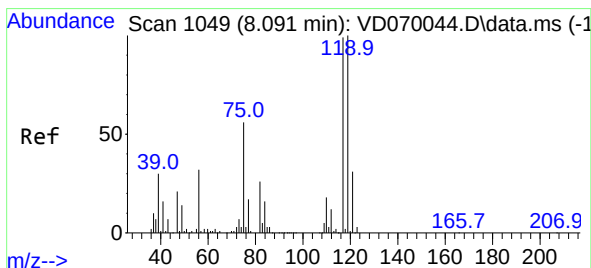
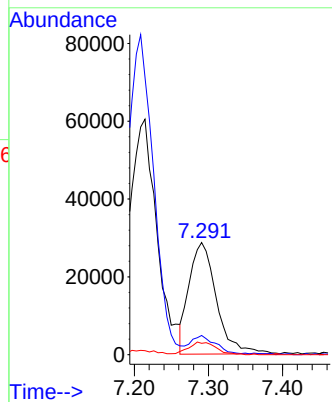
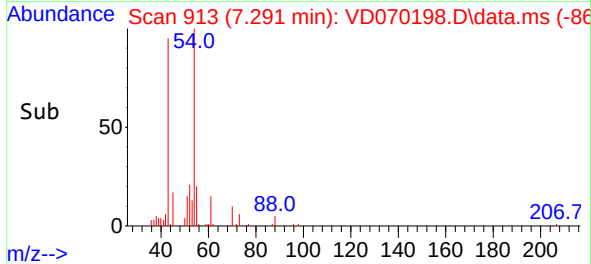
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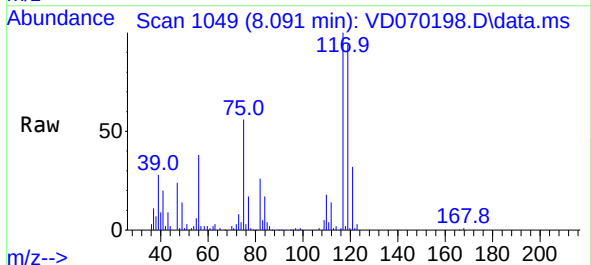
#37
Ethyl Acetate
Concen: 21.377 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



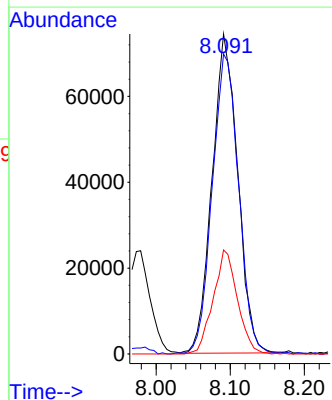
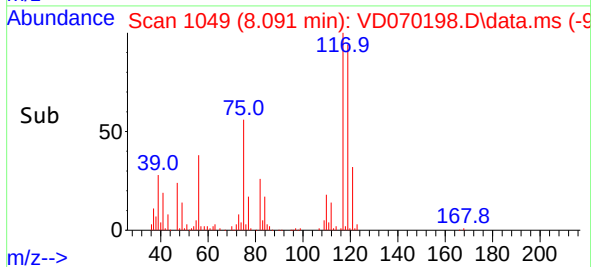
Tgt Ion: 43 Resp: 73555
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.6
70 11.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 20.723 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



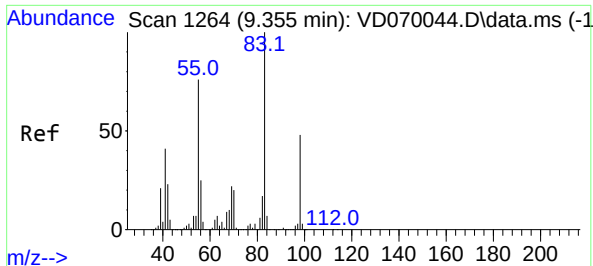
Tgt Ion: 117 Resp: 178220
Ion Ratio Lower Upper
117 100
119 93.8 81.0 121.6
121 32.6 25.0 37.6



Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

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#39

Methylcyclohexane

Concen: 19.954 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VD070198.D

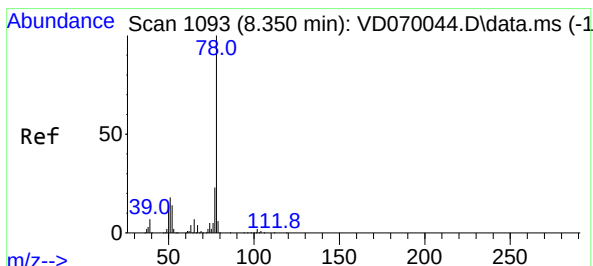
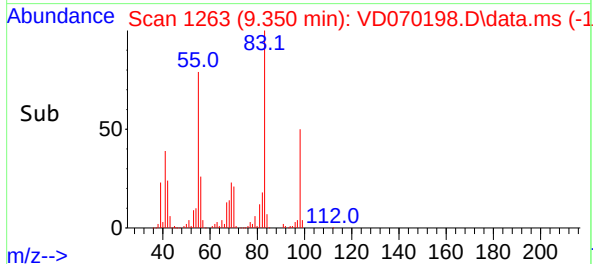
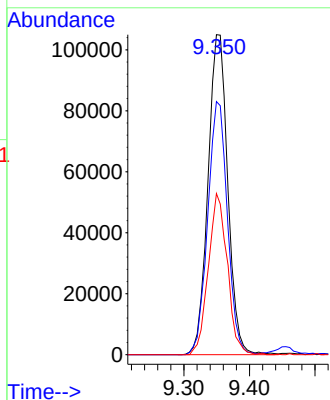
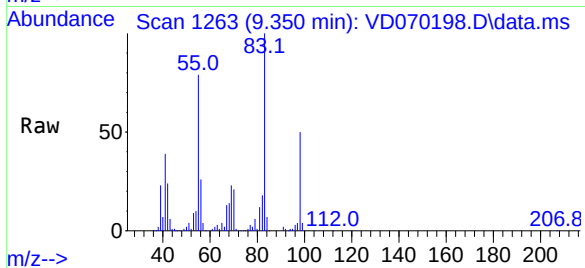
Acq: 20 Aug 2021 12:57

Tgt Ion:	83	Resp:	220079
Ion	Ratio	Lower	Upper
83	100		
55	79.1	60.7	91.1
98	50.4	38.6	58.0

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

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#40

Benzene

Concen: 20.561 ug/l

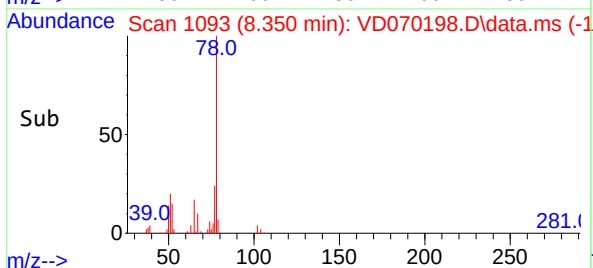
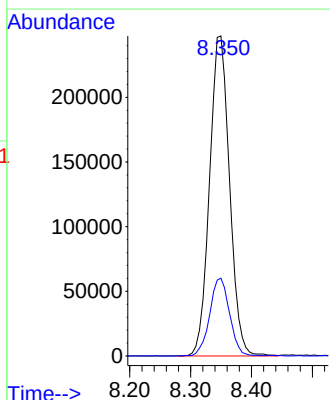
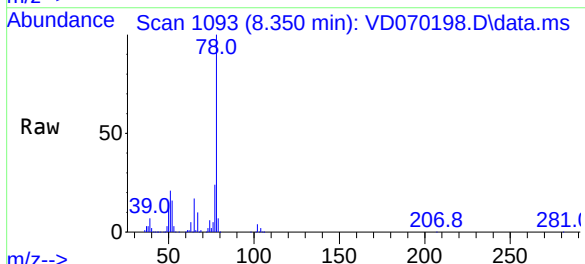
RT: 8.350 min Scan# 1093

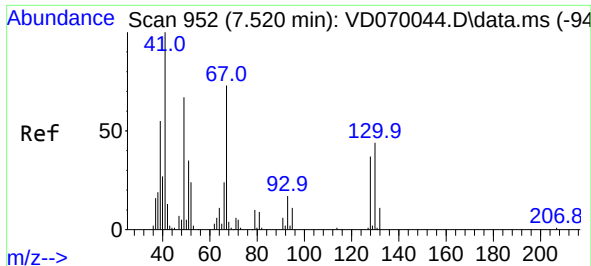
Delta R.T. 0.000 min

Lab File: VD070198.D

Acq: 20 Aug 2021 12:57

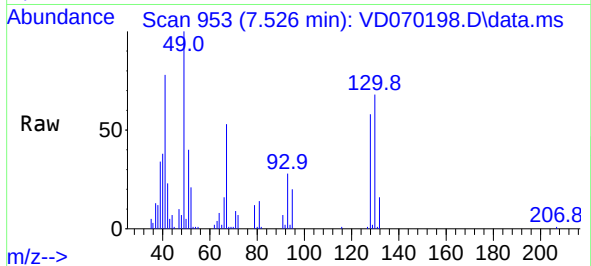
Tgt Ion:	78	Resp:	564945
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	27.8





#41
Methacrylonitrile
Concen: 19.550 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

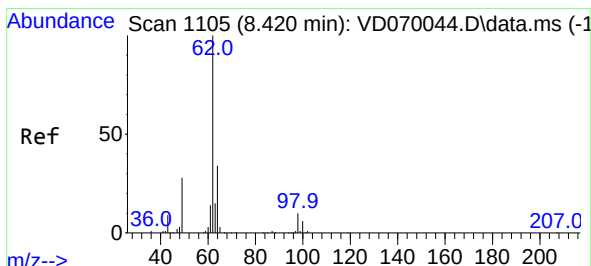
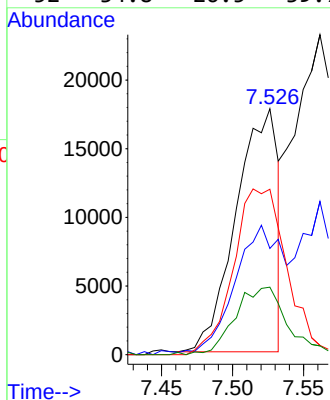
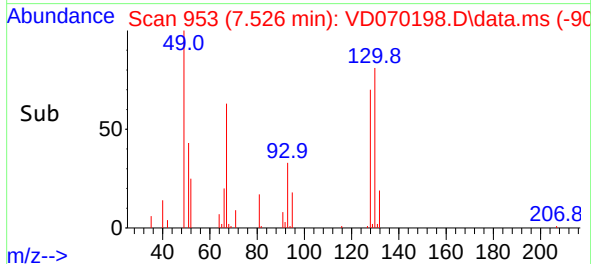
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01



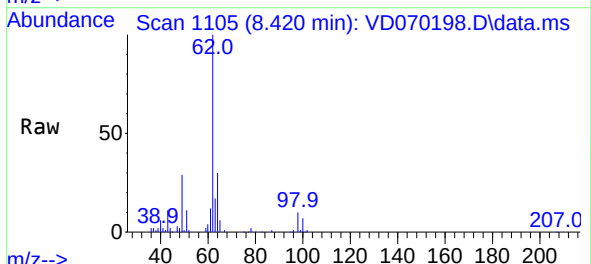
Tgt Ion: 41 Resp: 36369
Ion Ratio Lower Upper
41 100
39 58.3 47.7 71.5
67 87.2 68.2 102.2
52 34.8 26.5 39.7

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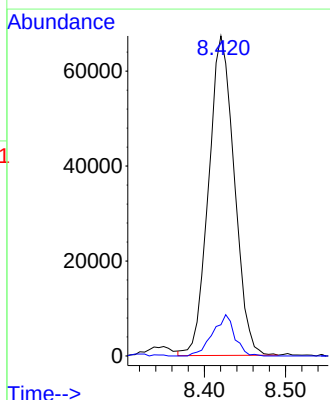
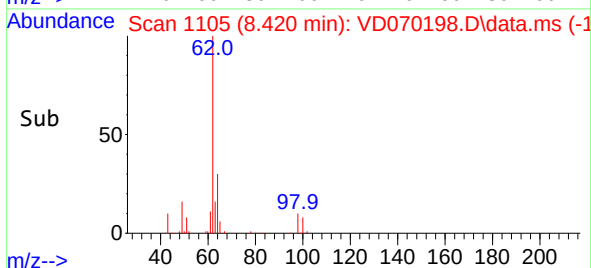
SAM
8/23/2021 11:06:18 AM

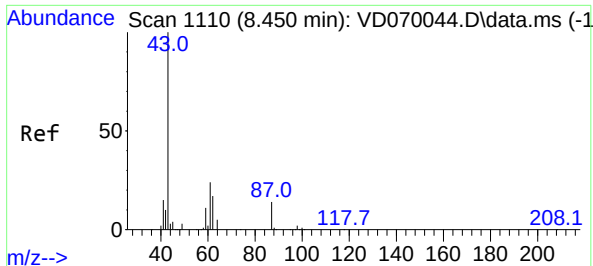


#42
1,2-Dichloroethane
Concen: 21.031 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

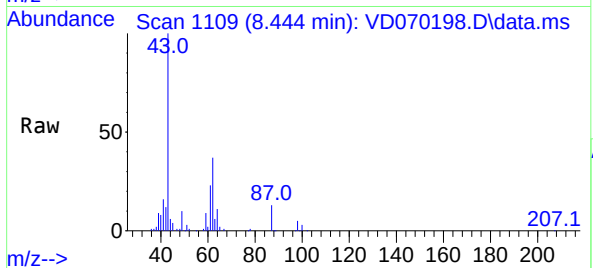


Tgt Ion: 62 Resp: 148093
Ion Ratio Lower Upper
62 100
98 11.1 0.0 20.2

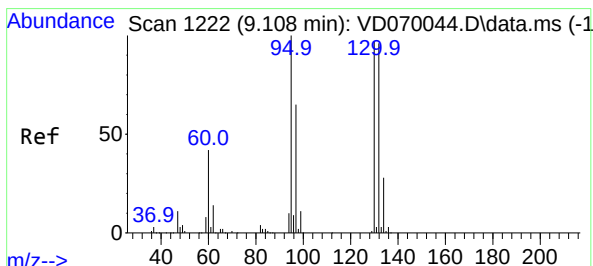
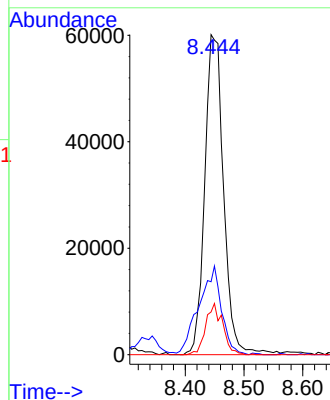
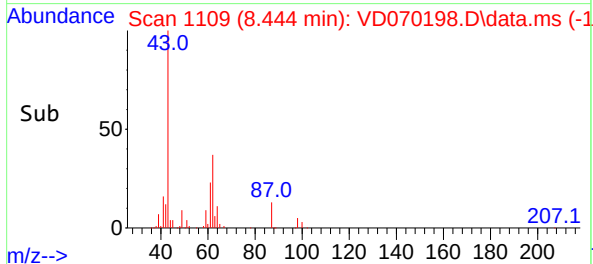




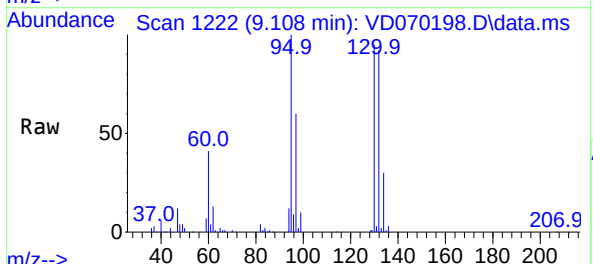
#43
Isopropyl Acetate
Concen: 20.874 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



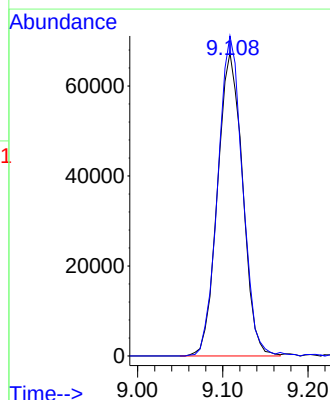
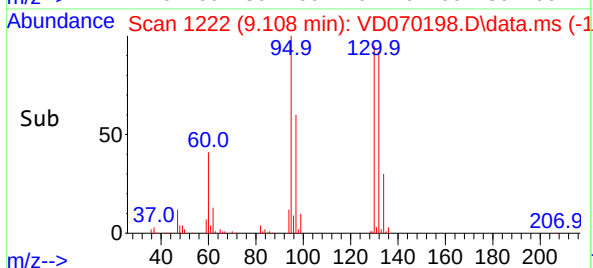
Tgt Ion: 43 Resp: 134086
Ion Ratio Lower Upper
43 100
61 33.3 27.7 41.5
87 14.4 11.5 17.3



#44
Trichloroethene
Concen: 20.725 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



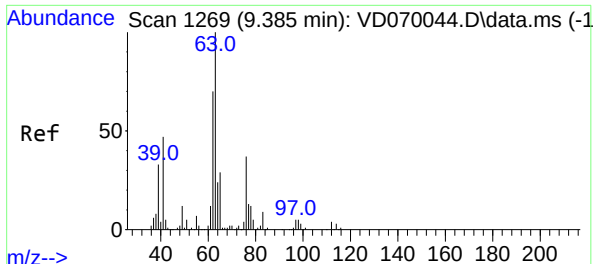
Tgt Ion:130 Resp: 137558
Ion Ratio Lower Upper
130 100
95 105.6 0.0 206.4



Instrument :
MSVOA_D
ClientSampleId :
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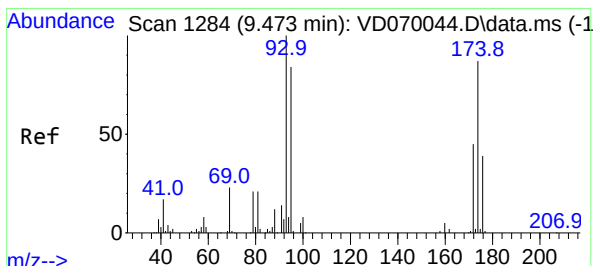
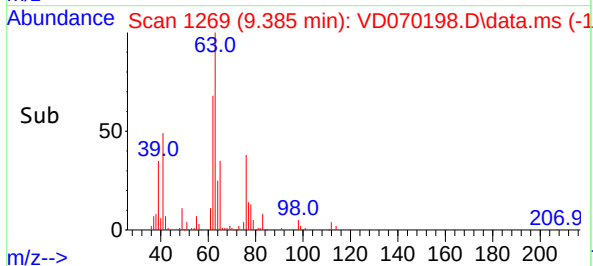
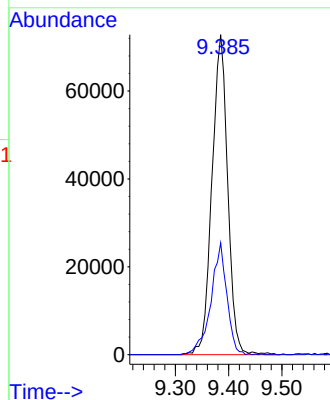
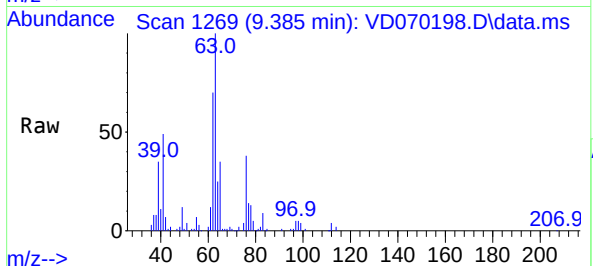
#45
1,2-Dichloropropane
Concen: 20.887 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 63 Resp: 149067
Ion Ratio Lower Upper
63 100
65 34.9 23.4 35.0

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

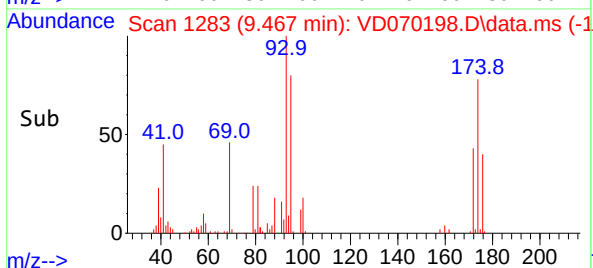
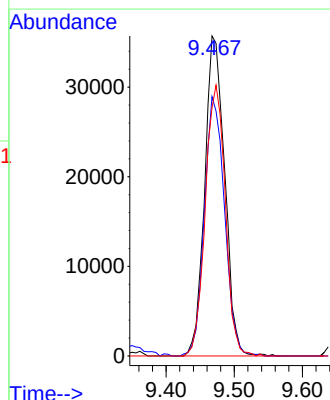
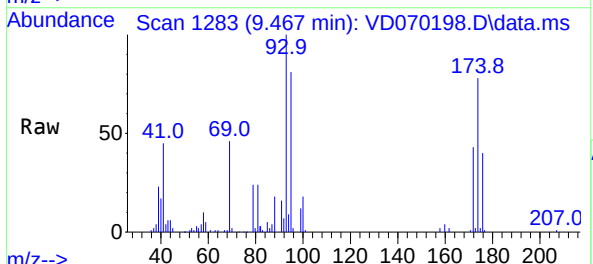
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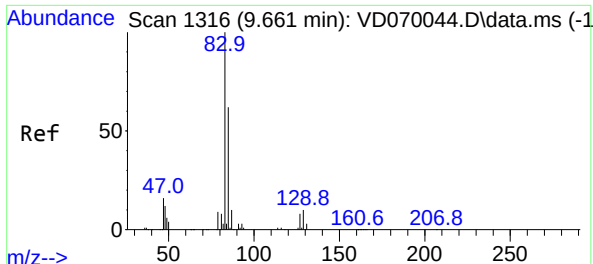
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#46
Dibromomethane
Concen: 21.014 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 93 Resp: 72844
Ion Ratio Lower Upper
93 100
95 82.1 68.1 102.1
174 84.7 68.2 102.4





#47

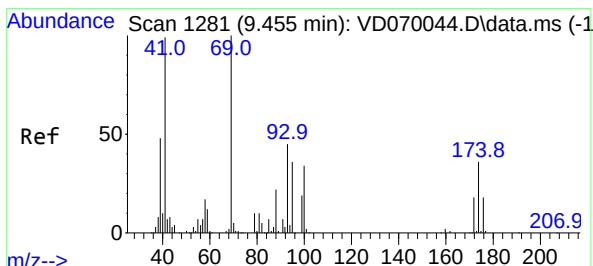
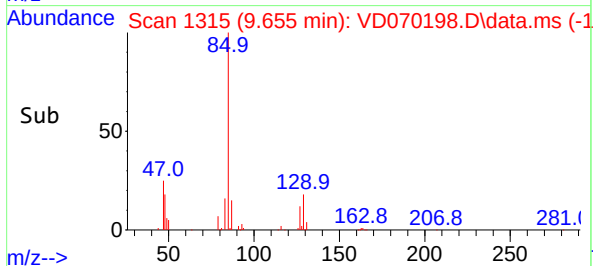
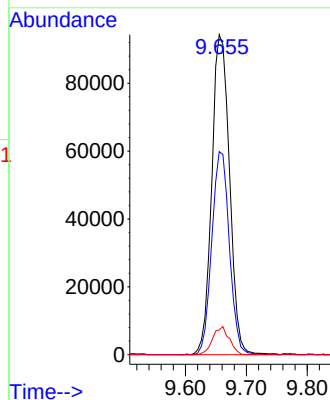
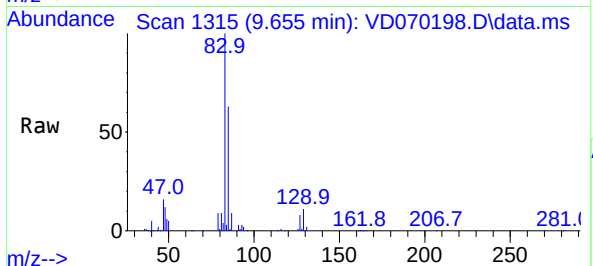
Bromodichloromethane
Concen: 21.329 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 83 Resp: 191294
Ion Ratio Lower Upper
83 100
85 63.4 49.6 74.4
127 7.8 6.8 10.2

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBS01

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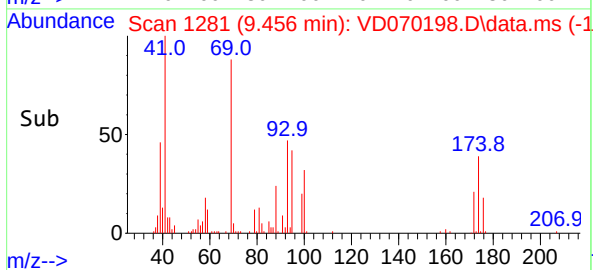
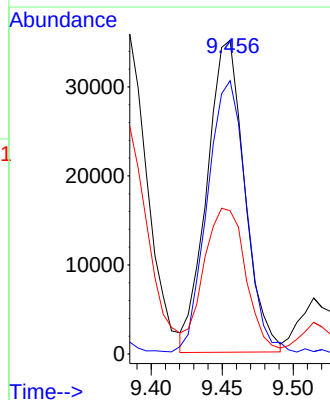
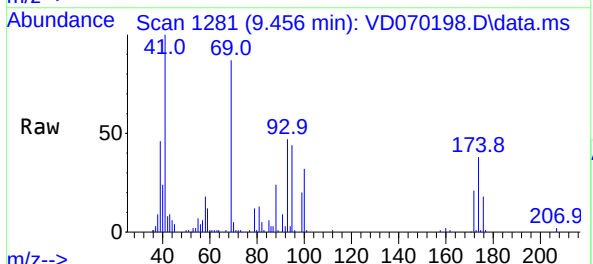
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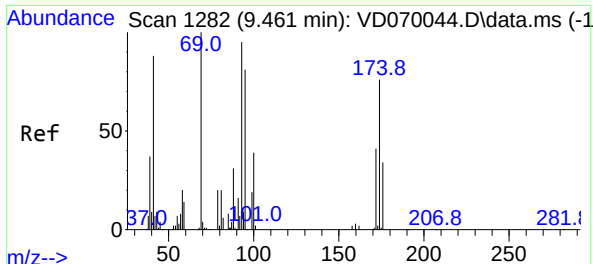


#48

Methyl methacrylate
Concen: 21.161 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 41 Resp: 64822
Ion Ratio Lower Upper
41 100
69 89.5 74.6 111.8
39 48.3 35.9 53.9





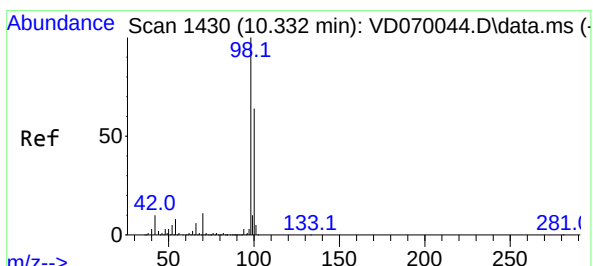
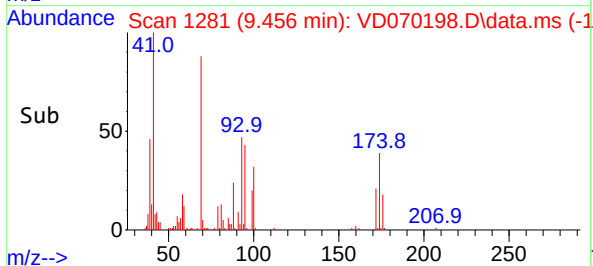
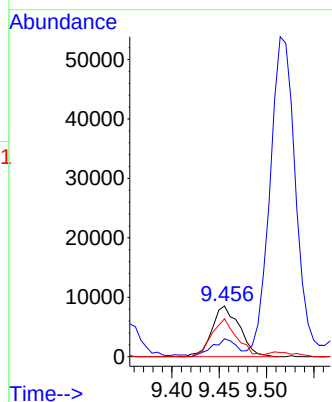
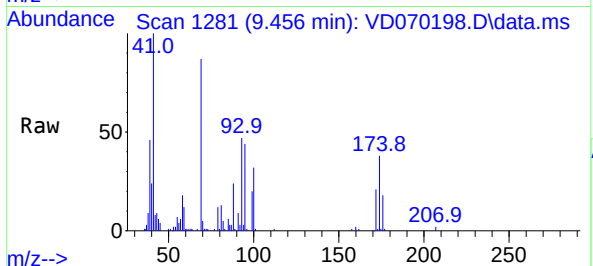
#49
1,4-Dioxane
Concen: 456.413 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 88 Resp: 17218
Ion Ratio Lower Upper
88 100
43 30.4 25.8 38.6
58 69.4 57.4 86.2

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

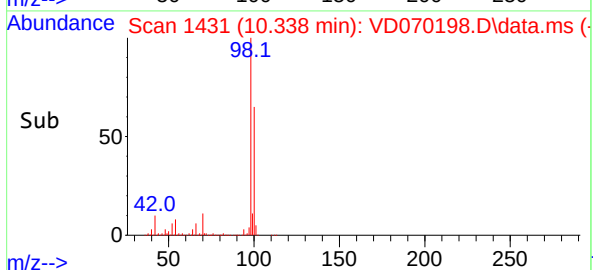
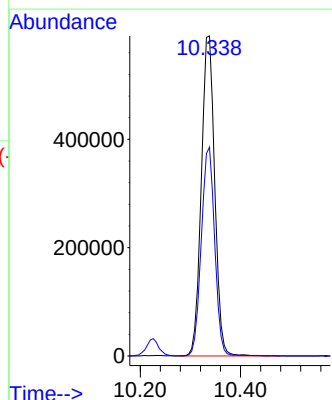
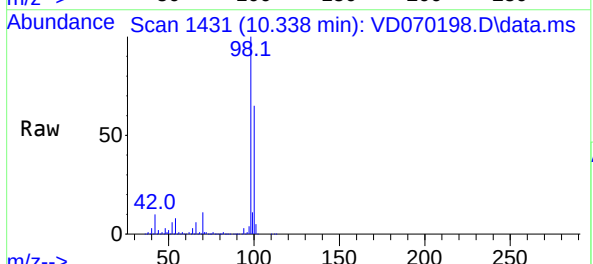
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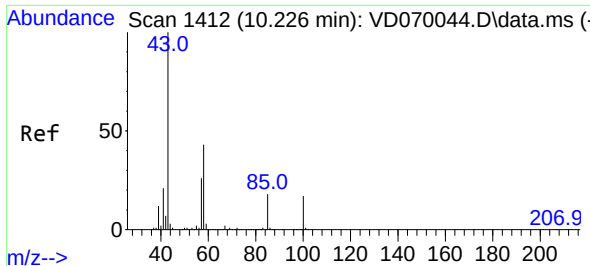
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#50
Toluene-d8
Concen: 49.623 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

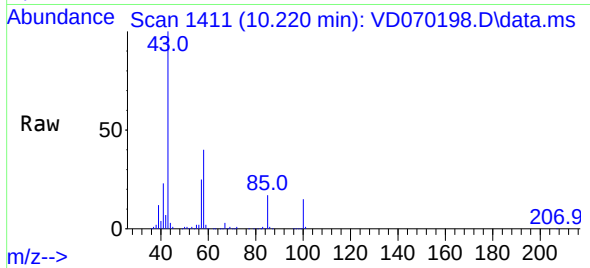
Tgt Ion: 98 Resp: 1098018
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 104.842 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

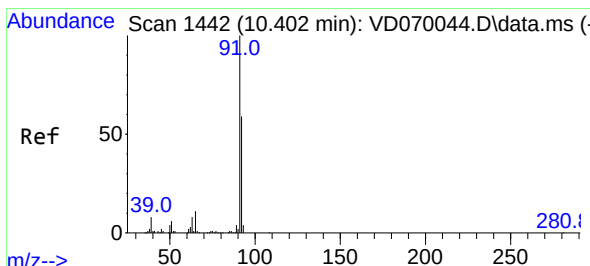
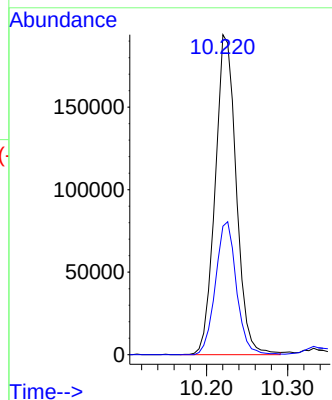
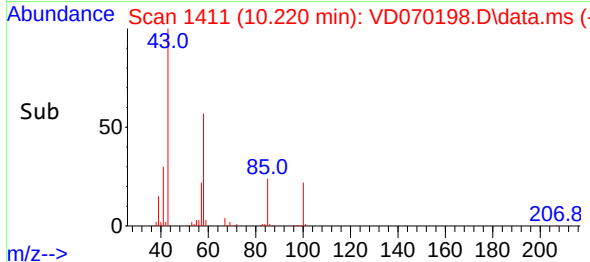
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01



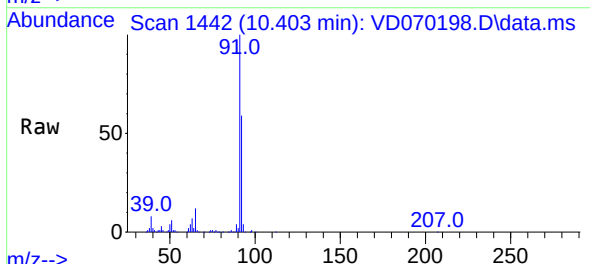
Tgt Ion: 43 Resp: 350186
Ion Ratio Lower Upper
43 100
58 41.3 33.9 50.9

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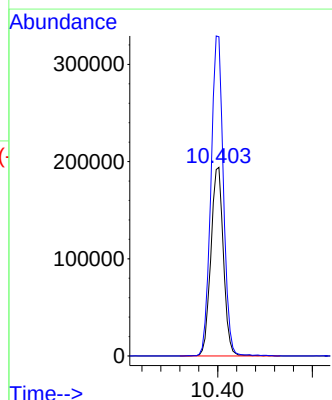
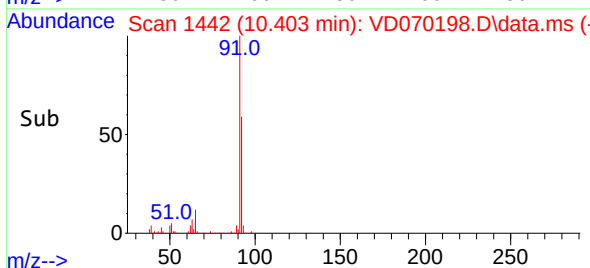
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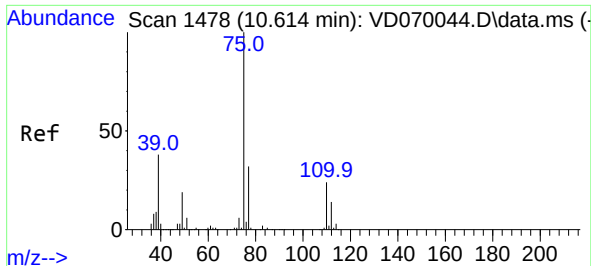


#52
Toluene
Concen: 21.361 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



Tgt Ion: 92 Resp: 357237
Ion Ratio Lower Upper
92 100
91 169.0 137.2 205.8





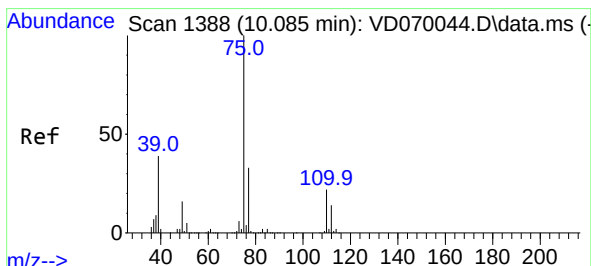
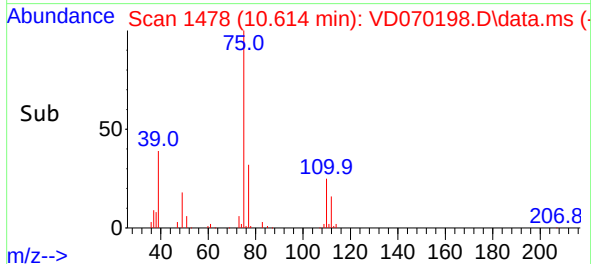
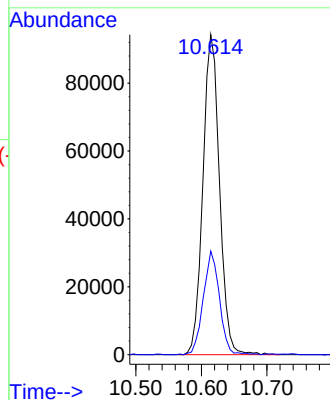
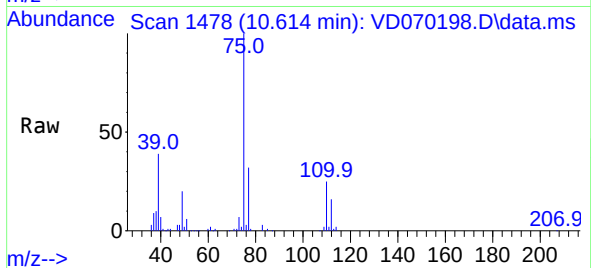
#53
t-1,3-Dichloropropene
Concen: 20.930 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 75 Resp: 166267
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

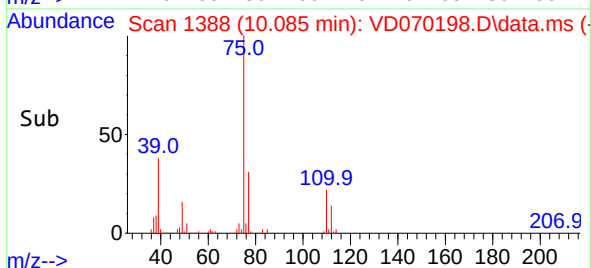
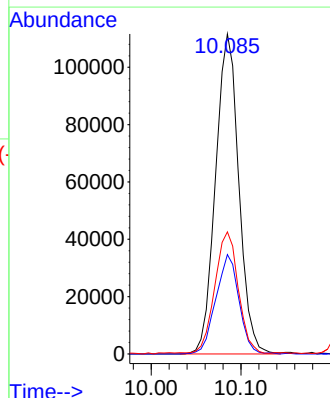
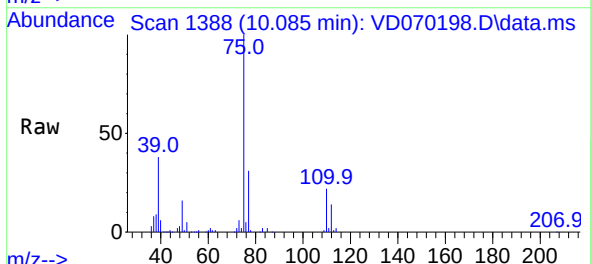
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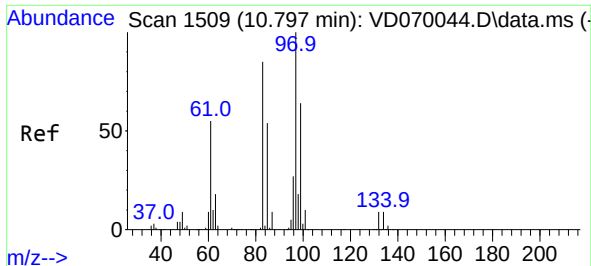
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#54
cis-1,3-Dichloropropene
Concen: 20.833 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

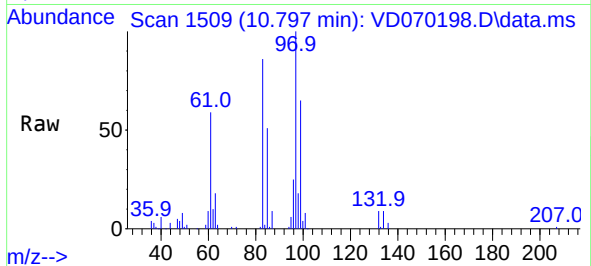
Tgt Ion: 75 Resp: 200869
Ion Ratio Lower Upper
75 100
77 31.0 26.3 39.5
39 37.8 31.4 47.2





#55
1,1,2-Trichloroethane
Concen: 20.915 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

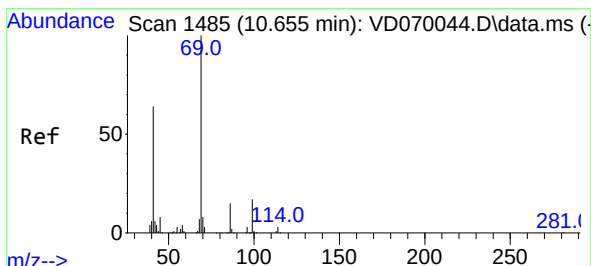
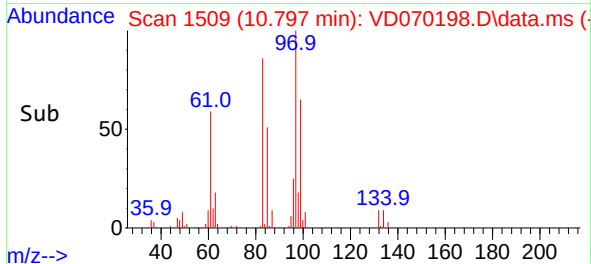
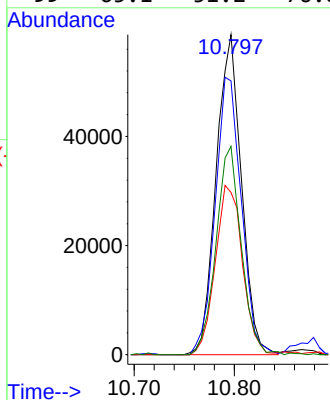
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01



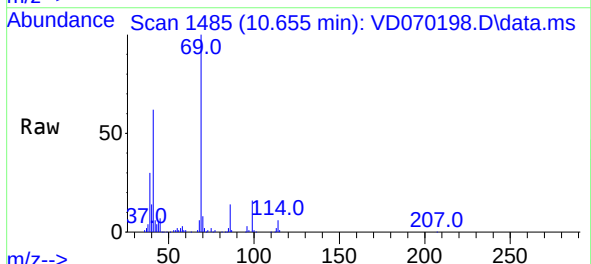
Tgt Ion:	97	Resp:	102722
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.8	101.6
85	50.7	43.4	65.0
99	65.1	51.2	76.8

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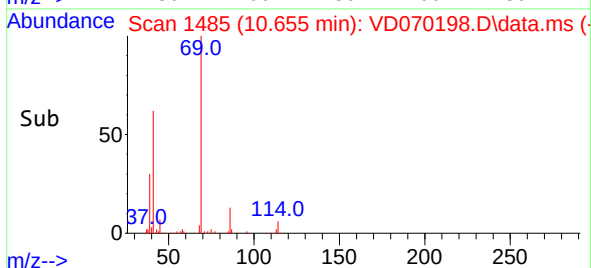
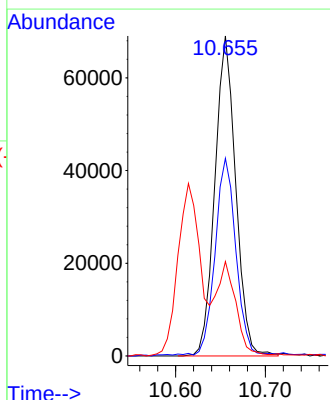
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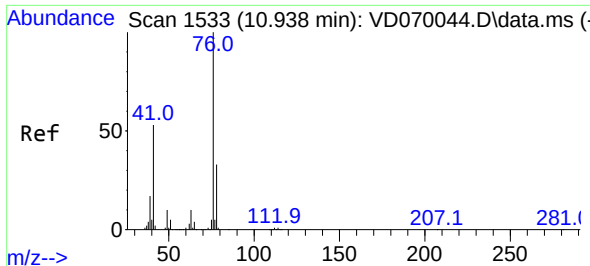


#56
Ethyl methacrylate
Concen: 19.909 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



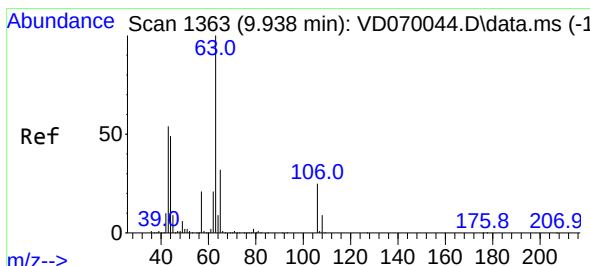
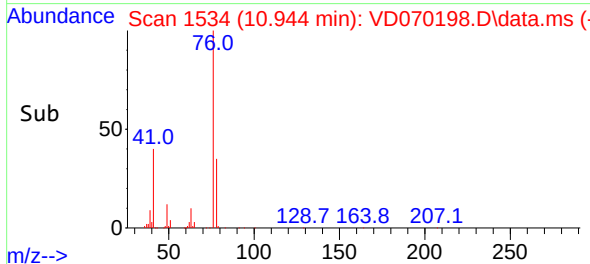
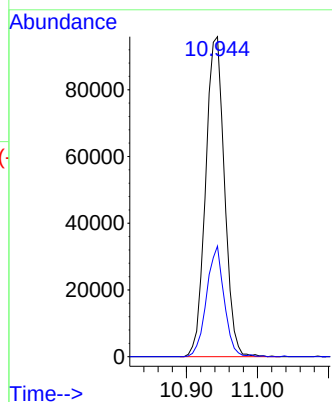
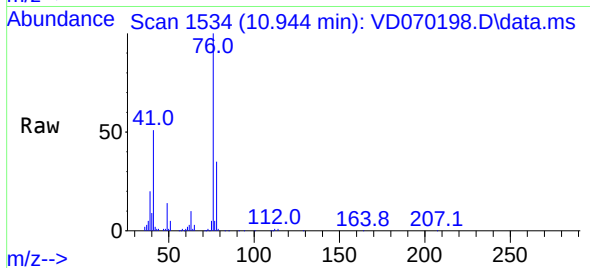
Tgt Ion:	69	Resp:	111277
Ion	Ratio	Lower	Upper
69	100		
41	62.6	48.9	73.3
39	26.7	21.6	32.4





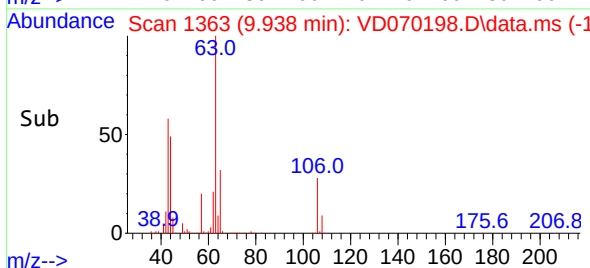
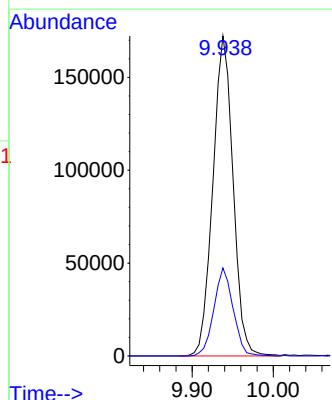
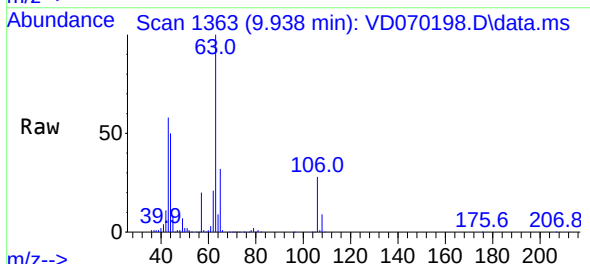
#57
1,3-Dichloropropane
Concen: 20.795 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 76 Resp: 176819
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 101.134 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

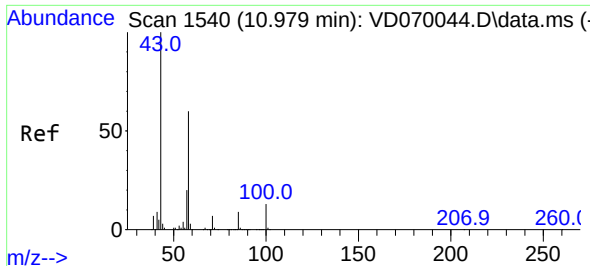
Tgt Ion: 63 Resp: 298137
Ion Ratio Lower Upper
63 100
106 26.1 21.2 31.8



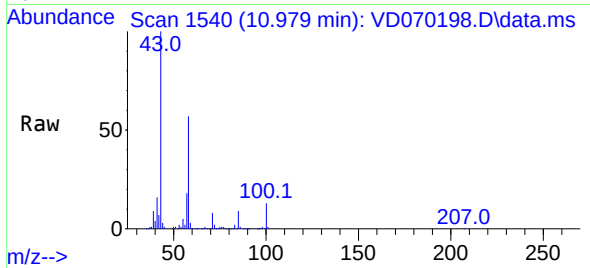
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

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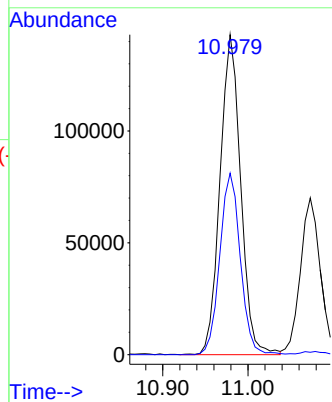
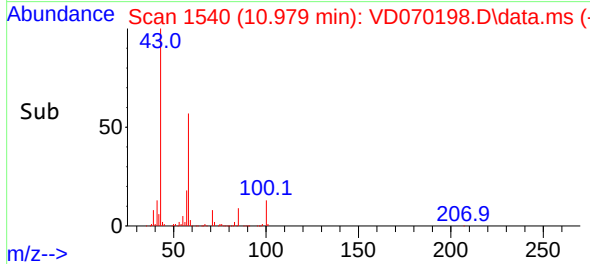
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#59
2-Hexanone
Concen: 107.729 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



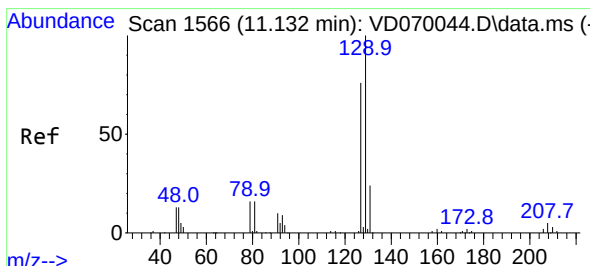
Tgt Ion: 43 Resp: 240980
Ion Ratio Lower Upper
43 100
58 56.4 29.5 88.5



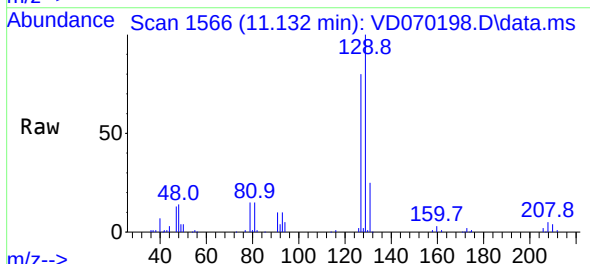
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

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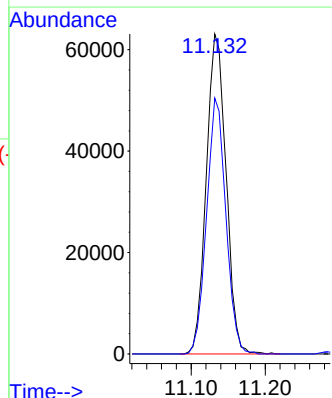
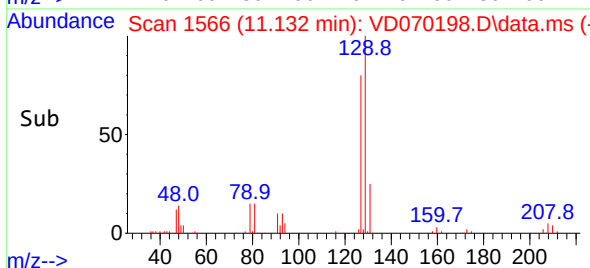
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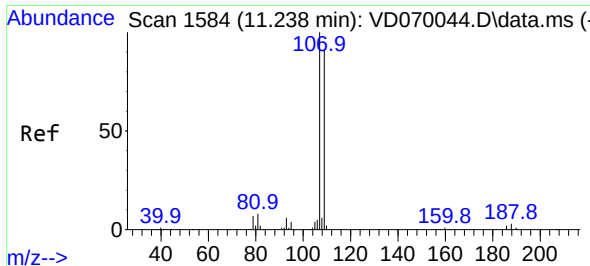


#60
Dibromochloromethane
Concen: 20.773 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



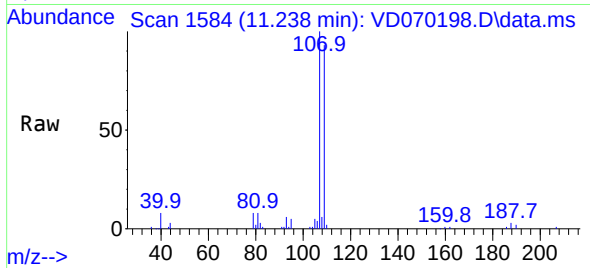
Tgt Ion: 129 Resp: 116880
Ion Ratio Lower Upper
129 100
127 78.0 39.4 118.2





#61
1,2-Dibromoethane
Concen: 21.228 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

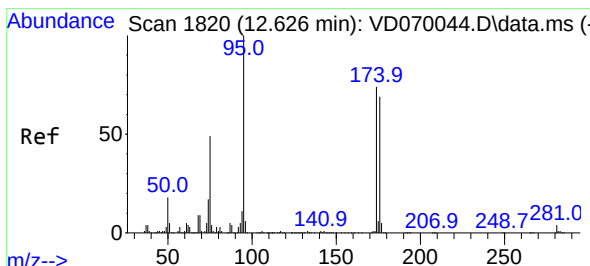
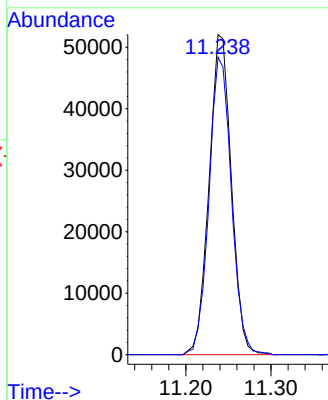
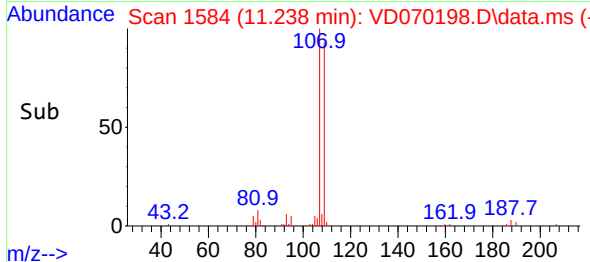
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01



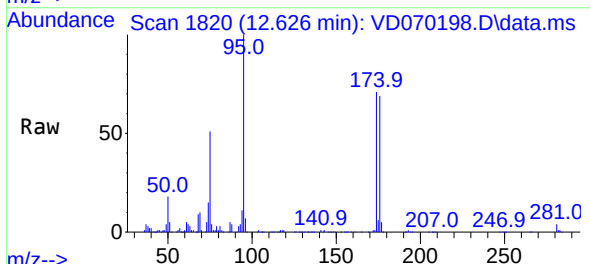
Tgt Ion:107 Resp: 94390
Ion Ratio Lower Upper
107 100
109 93.5 74.6 112.0

Manual Integrations
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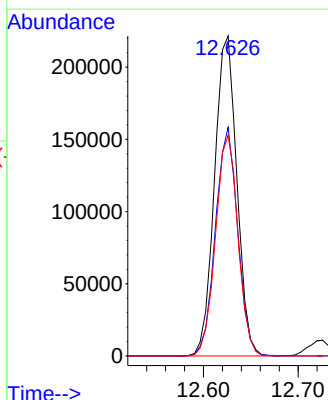
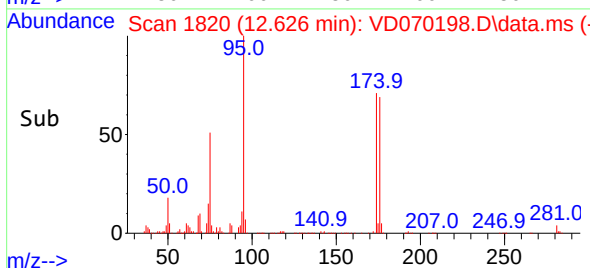
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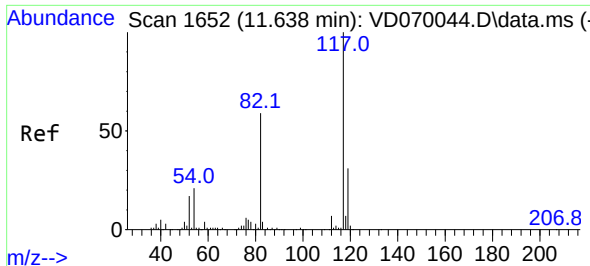


#62
4-Bromofluorobenzene
Concen: 49.851 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



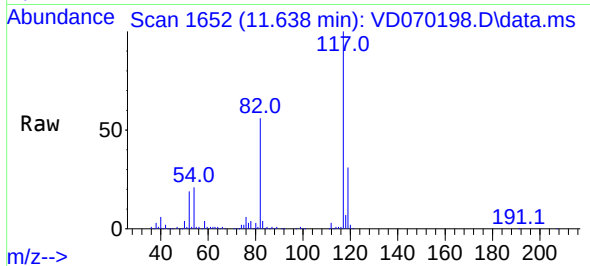
Tgt Ion: 95 Resp: 363317
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.6
176 68.9 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

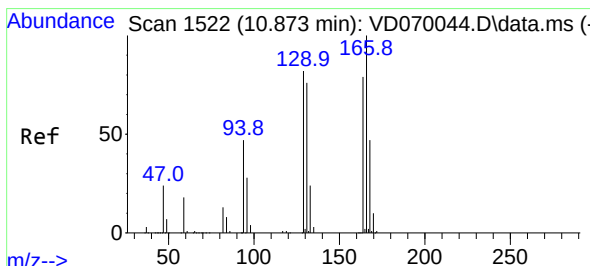
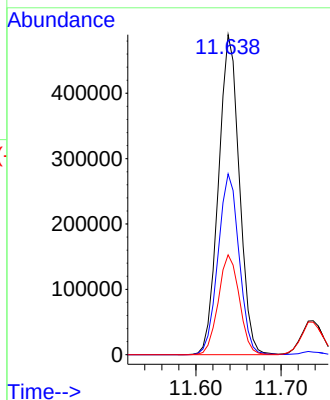
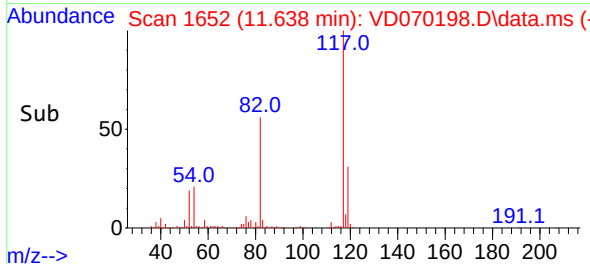
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01



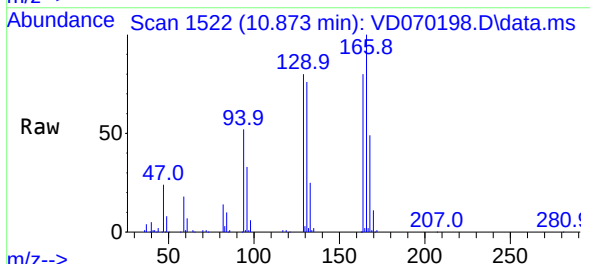
Tgt Ion:117 Resp: 831839
Ion Ratio Lower Upper
117 100
82 56.5 47.5 71.3
119 31.2 25.1 37.7

Manual Integrations
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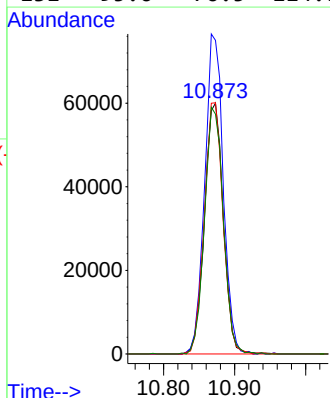
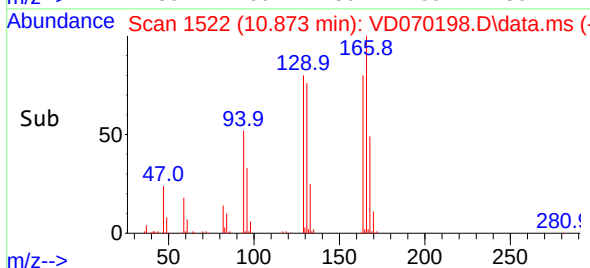
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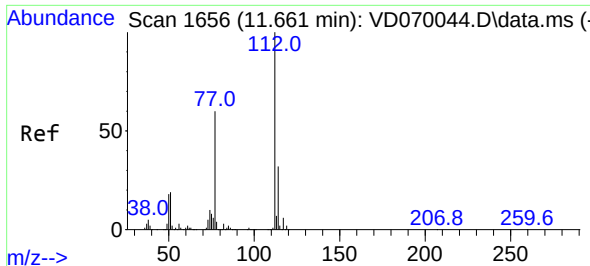


#64
Tetrachloroethene
Concen: 20.625 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



Tgt Ion:164 Resp: 110682
Ion Ratio Lower Upper
164 100
166 125.0 101.3 151.9
129 100.1 82.9 124.3
131 95.6 76.5 114.7





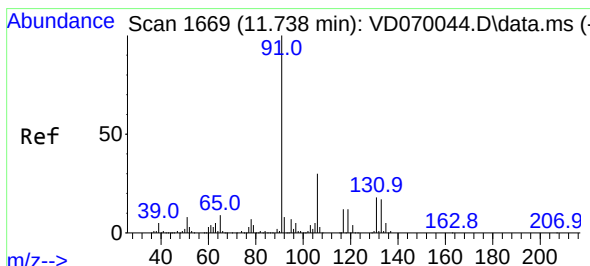
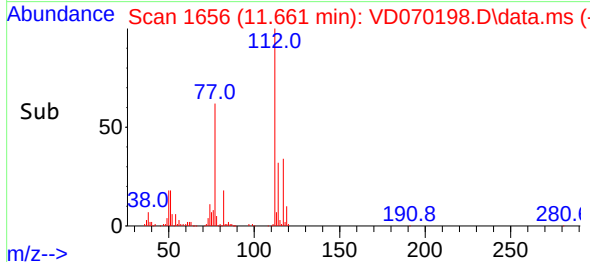
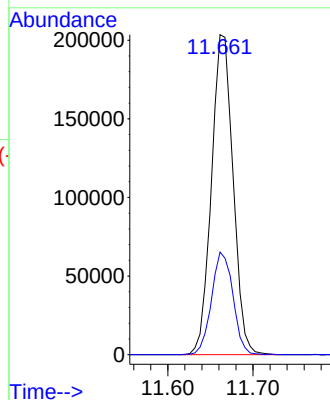
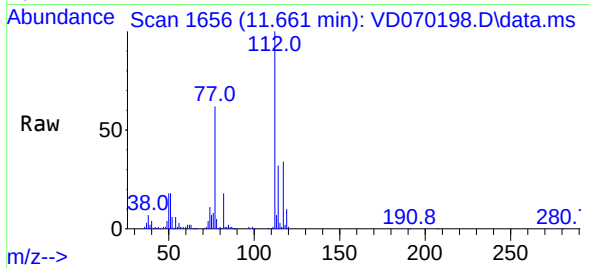
#65
Chlorobenzene
Concen: 20.653 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:112 Resp: 358944
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

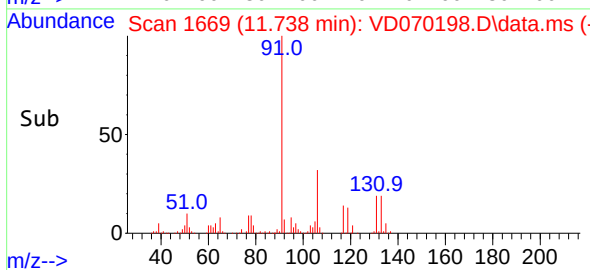
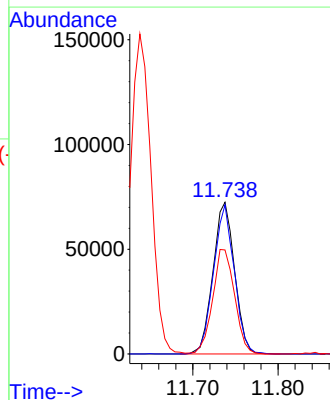
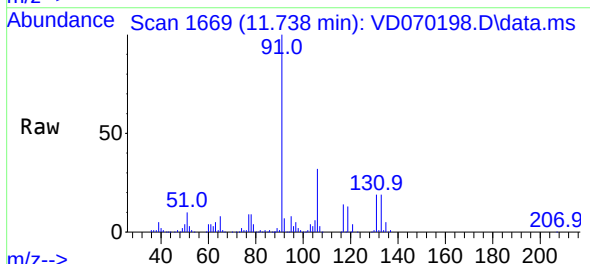
Manual Integrations
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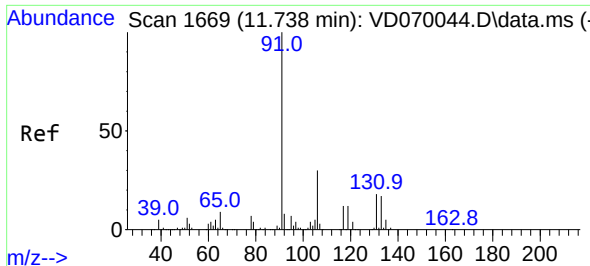
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.622 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:131 Resp: 127284
Ion Ratio Lower Upper
131 100
133 94.7 47.4 142.2
119 70.1 34.0 102.0





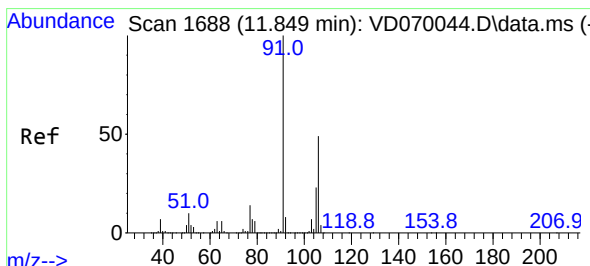
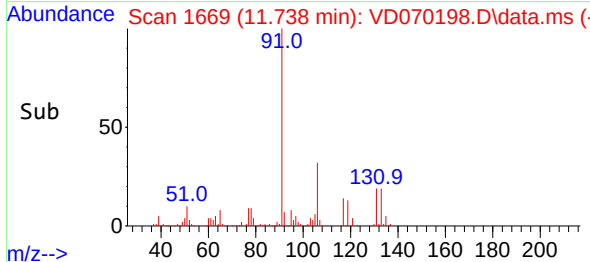
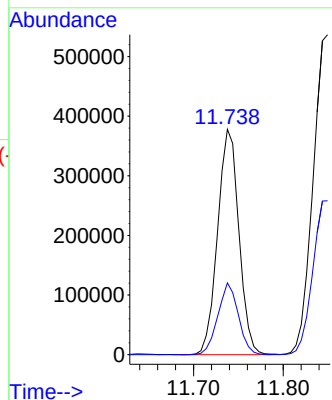
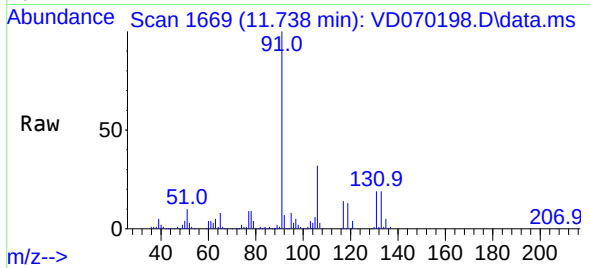
#67
Ethyl Benzene
Concen: 20.284 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 91 Resp: 623300
Ion Ratio Lower Upper
91 100
106 31.9 24.3 36.5

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

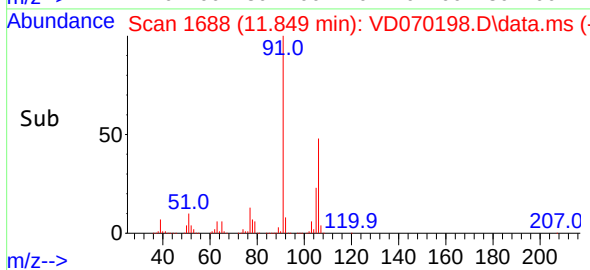
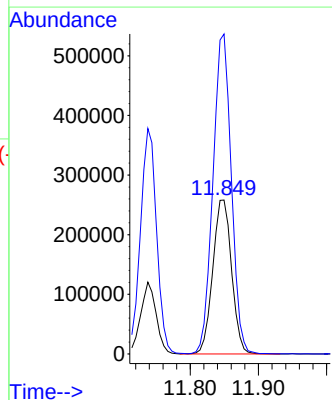
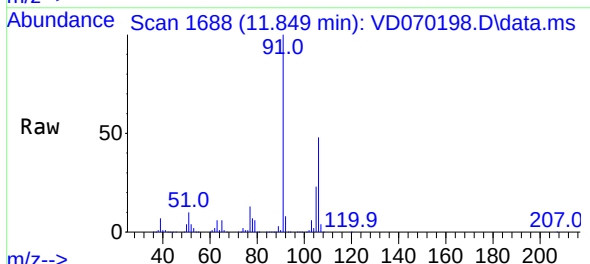
Manual Integrations
APPROVED

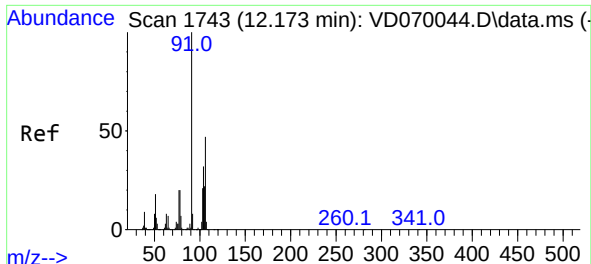
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#68
m/p-Xylenes
Concen: 41.658 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 106 Resp: 496094
Ion Ratio Lower Upper
106 100
91 203.2 164.6 246.8





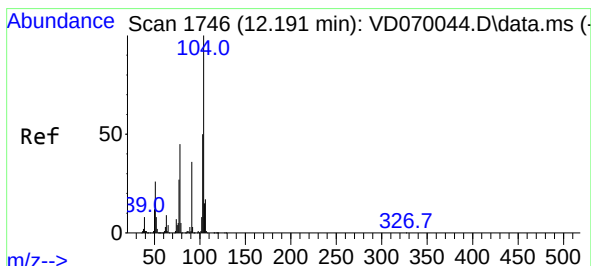
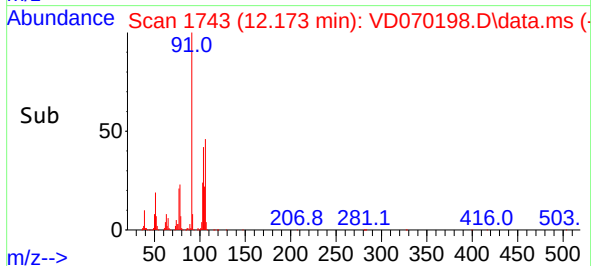
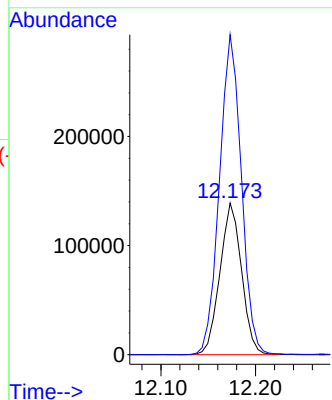
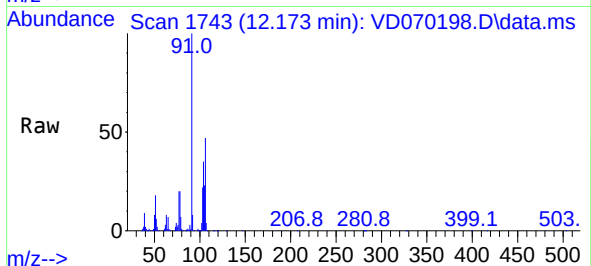
#69
o-Xylene
Concen: 20.574 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:106 Resp: 221069
Ion Ratio Lower Upper
106 100
91 213.8 108.6 325.8

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

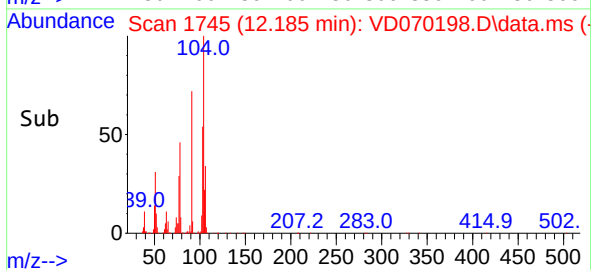
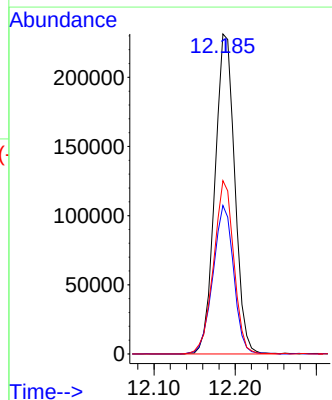
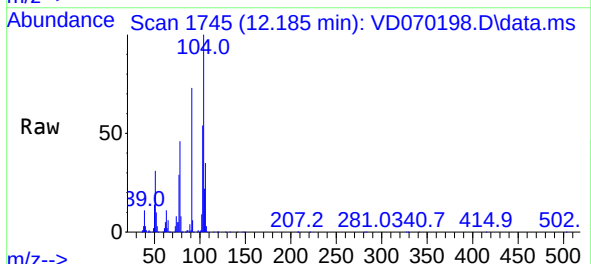
Manual Integrations
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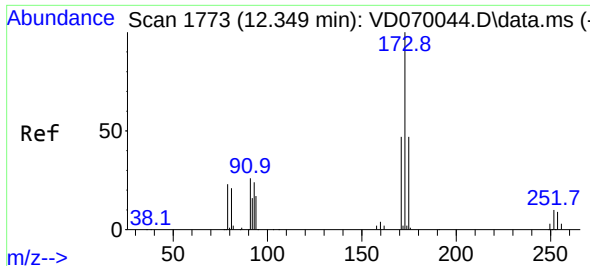
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#70
Styrene
Concen: 20.876 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:104 Resp: 392869
Ion Ratio Lower Upper
104 100
78 48.2 39.7 59.5
103 55.2 43.8 65.6





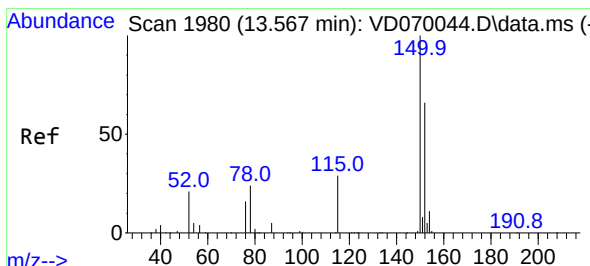
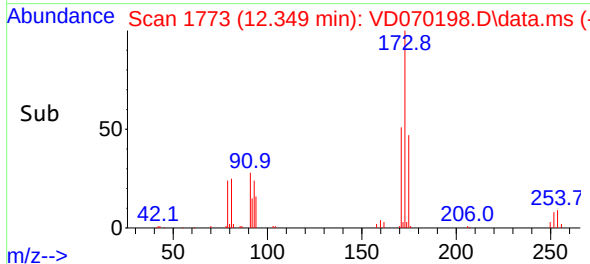
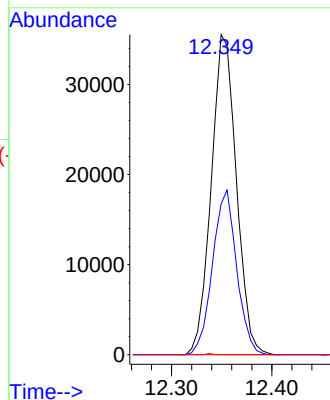
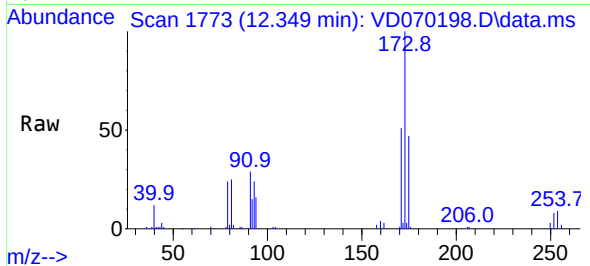
#71
Bromoform
Concen: 20.562 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:	173	Resp:	61834
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.1	72.2
254	0.1	0.0	0.0#

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

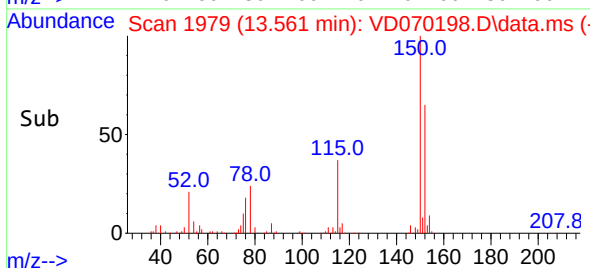
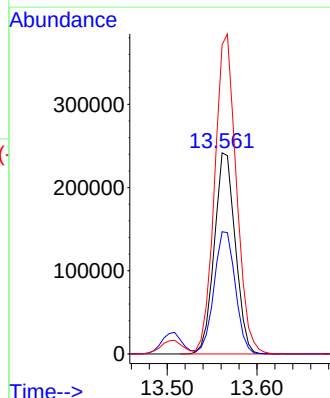
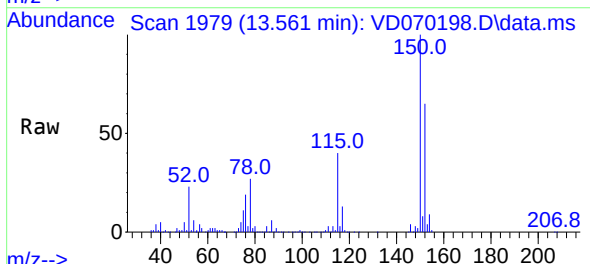
Manual Integrations
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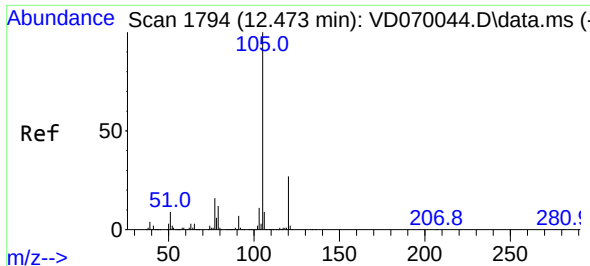
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:	152	Resp:	392385
Ion Ratio	Lower	Upper	
152	100		
115	61.8	31.2	93.6
150	164.7	0.0	352.0





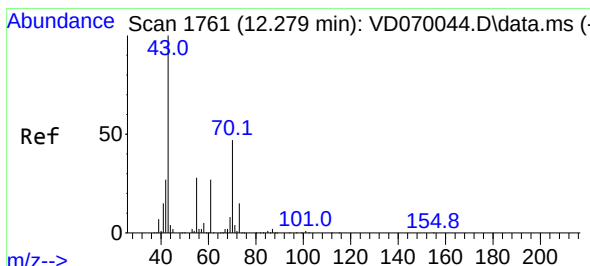
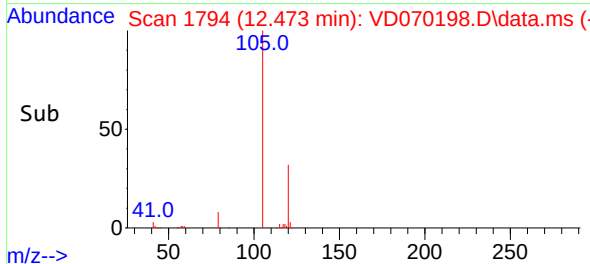
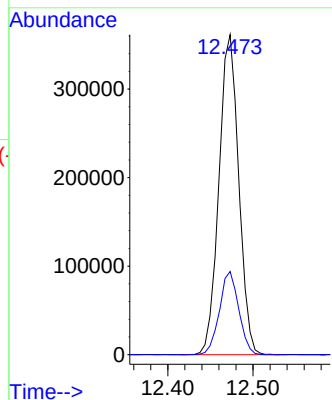
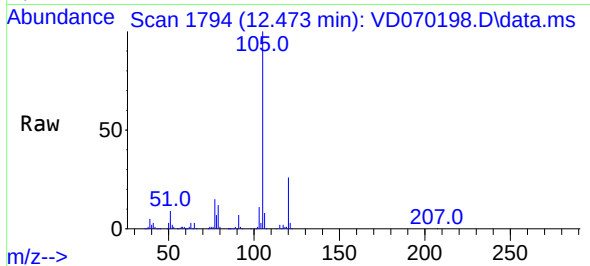
#73
Isopropylbenzene
Concen: 20.360 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 105 Resp: 582584
Ion Ratio Lower Upper
105 100
120 25.4 13.3 39.8

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

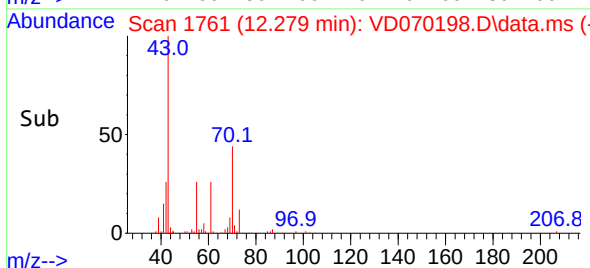
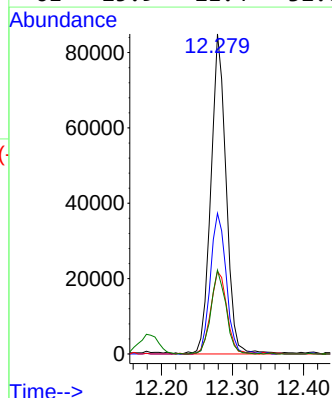
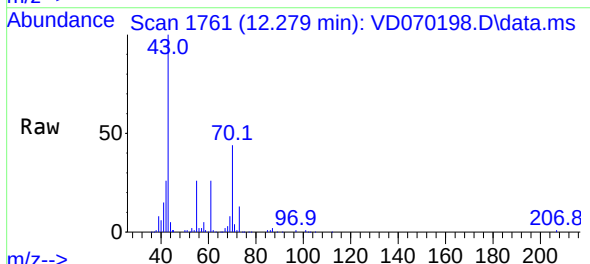
Manual Integrations
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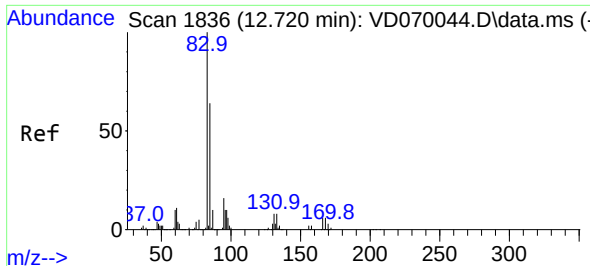
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#74
N-ethyl acetate
Concen: 20.576 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 43 Resp: 126940
Ion Ratio Lower Upper
43 100
70 45.6 37.2 55.8
55 27.3 22.9 34.3
61 25.9 21.4 32.0





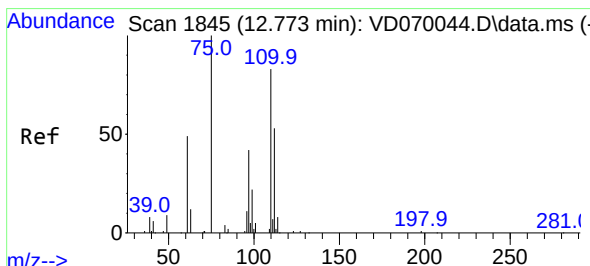
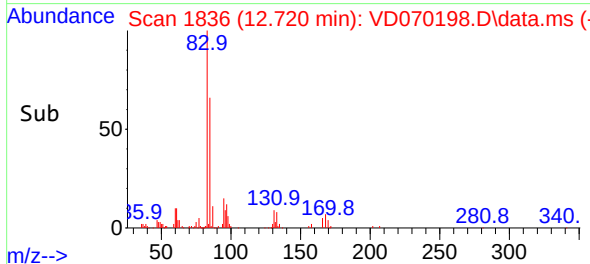
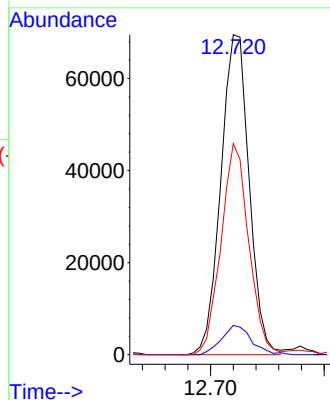
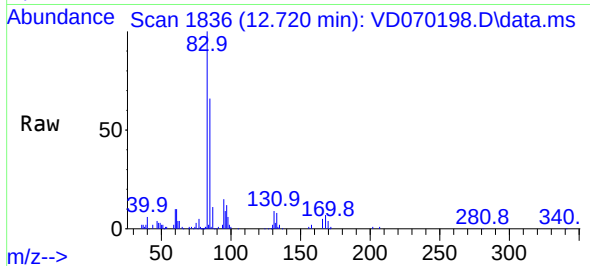
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.056 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD070198.D
 Acq: 20 Aug 2021 12:57

Tgt Ion: 83 Resp: 120213
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.5 13.7
 85 64.5 31.9 95.5

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0820SBSD01

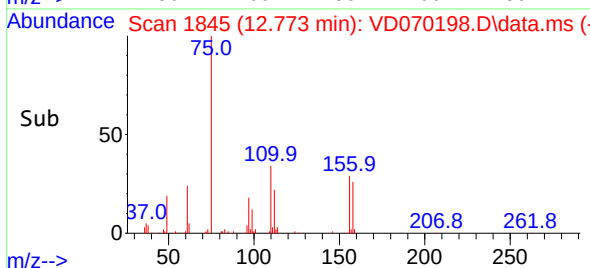
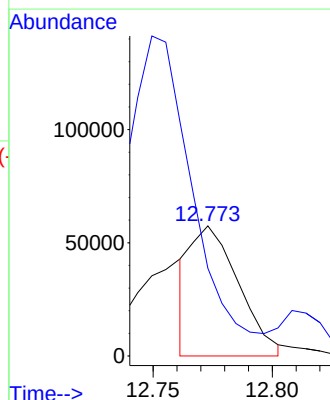
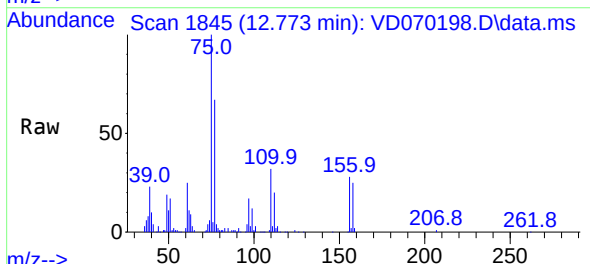
Manual Integrations
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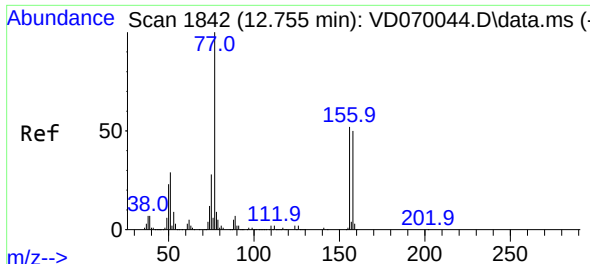
SAM
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#76
 1,2,3-Trichloropropane
 Concen: 20.140 ug/l m
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD070198.D
 Acq: 20 Aug 2021 12:57

Tgt Ion: 75 Resp: 80145
 Ion Ratio Lower Upper
 75 100
 77 0.0 182.4 547.2#





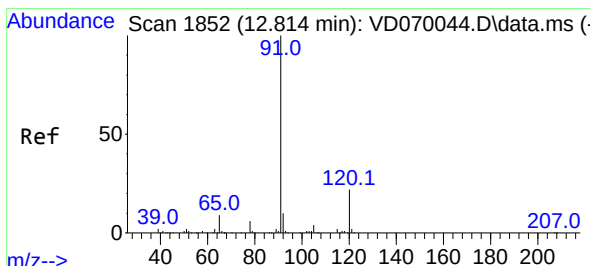
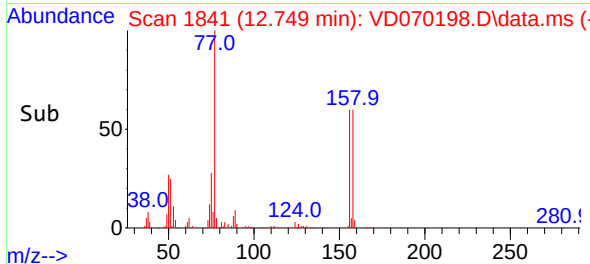
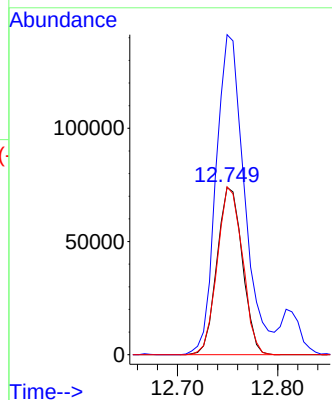
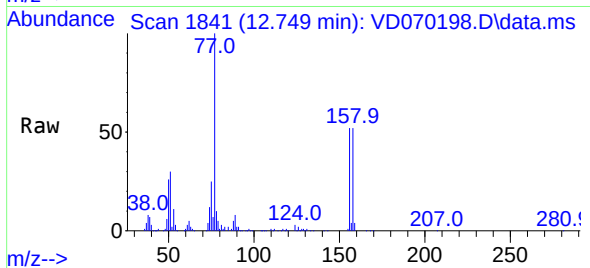
#77
Bromobenzene
Concen: 20.447 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 156 Resp: 129858
Ion Ratio Lower Upper
156 100
77 215.0 106.9 320.7
158 99.9 47.6 142.8

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

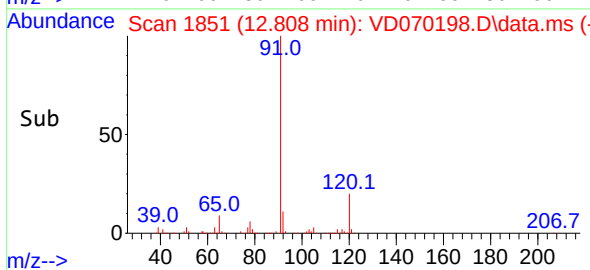
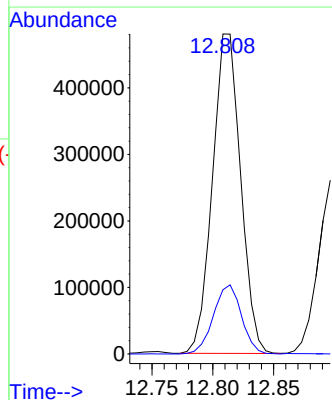
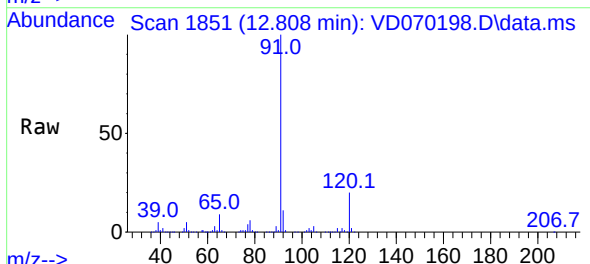
Manual Integrations
APPROVED

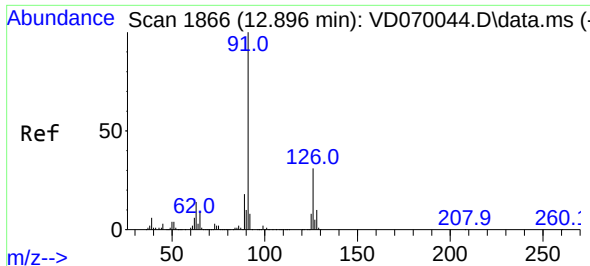
SAM
8/23/2021 11:06:18 AM



#78
n-propylbenzene
Concen: 20.959 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 91 Resp: 773419
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





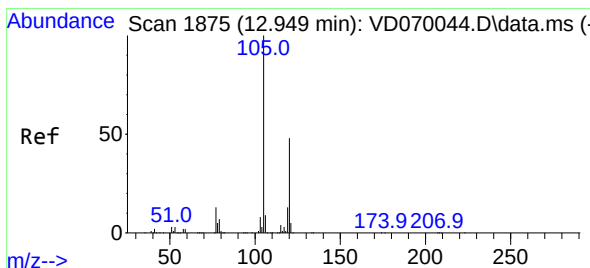
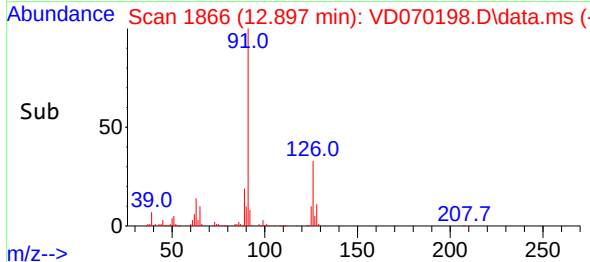
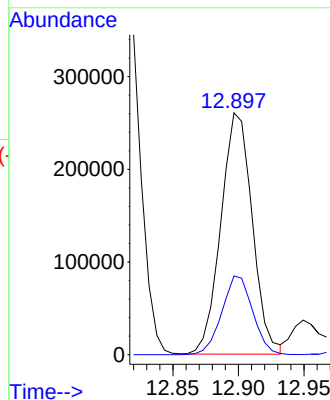
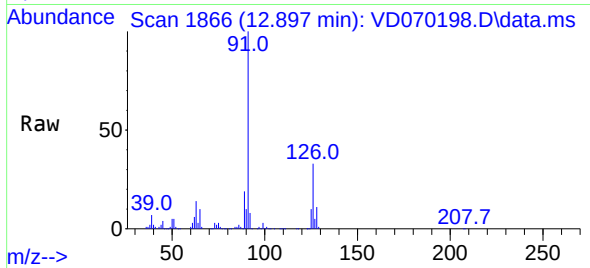
#79
2-Chlorotoluene
Concen: 20.459 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 91 Resp: 434352
Ion Ratio Lower Upper
91 100
126 32.0 16.0 48.0

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

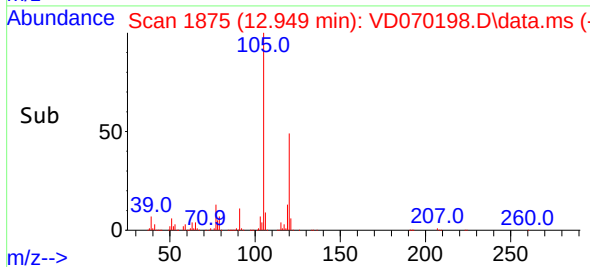
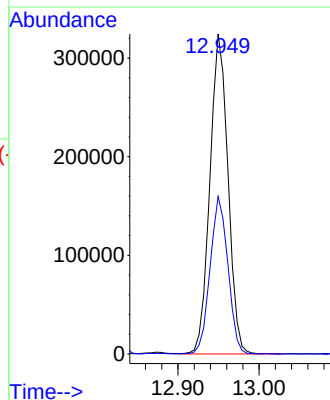
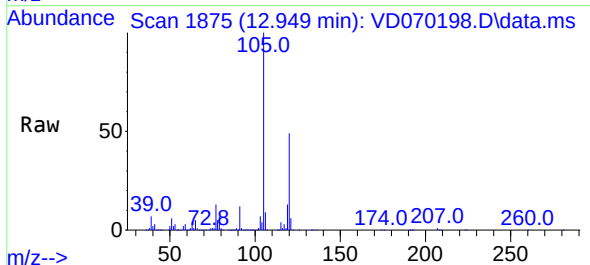
Manual Integrations
APPROVED

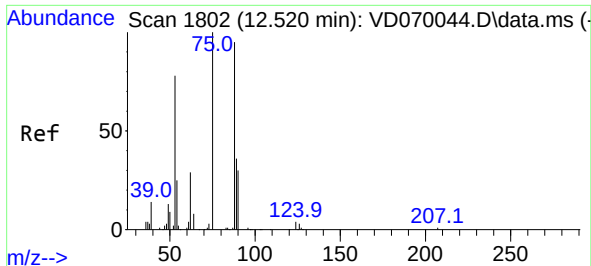
SAM
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#80
1,3,5-Trimethylbenzene
Concen: 20.609 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion: 105 Resp: 502026
Ion Ratio Lower Upper
105 100
120 48.3 24.5 73.5





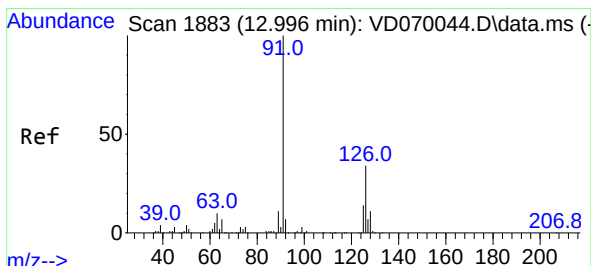
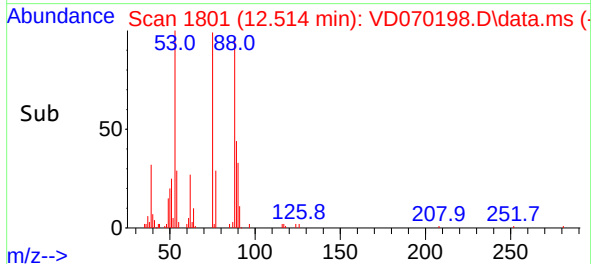
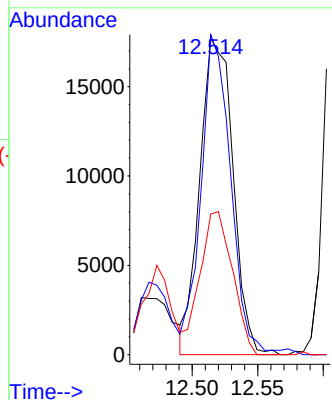
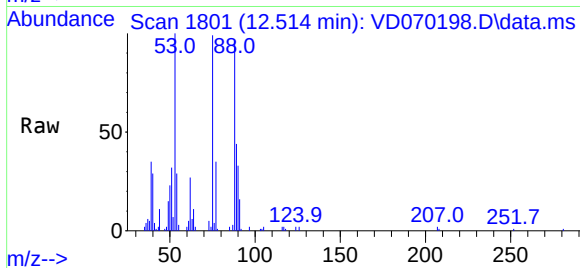
#81
trans-1,4-Dichloro-2-butene
Concen: 20.335 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:	75	Resp:	31176
Ion Ratio	Lower	Upper	
75	100		
53	87.7	64.5	96.7
89	44.7	33.7	50.5

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

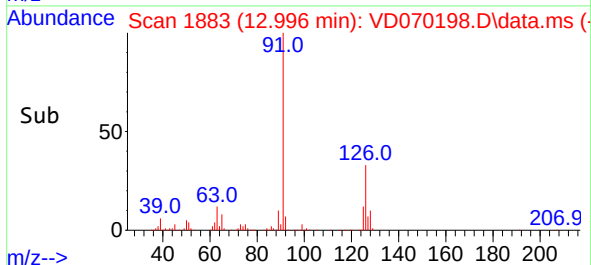
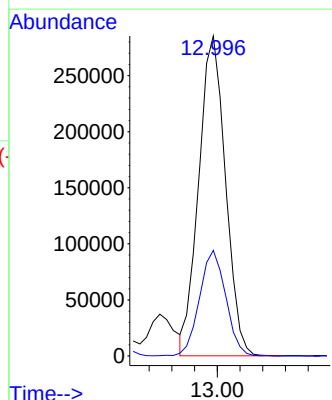
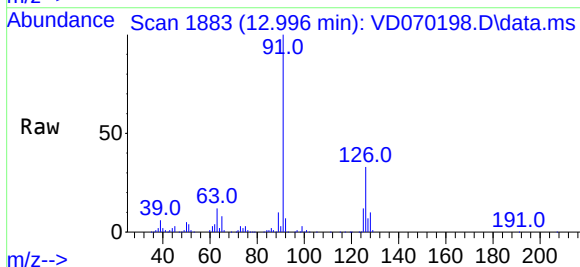
Manual Integrations
APPROVED

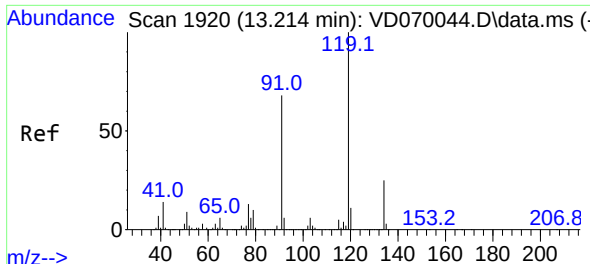
SAM
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#82
4-Chlorotoluene
Concen: 20.938 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

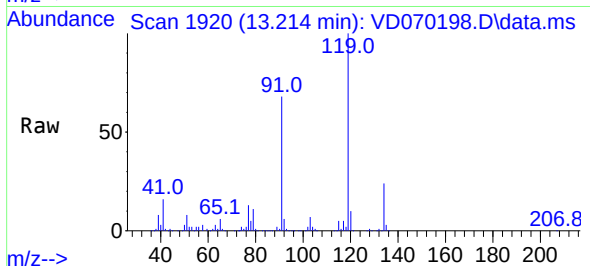
Tgt Ion:	91	Resp:	465459
Ion Ratio	Lower	Upper	
91	100		
126	32.5	16.3	48.8





#83
tert-Butylbenzene
Concen: 20.225 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

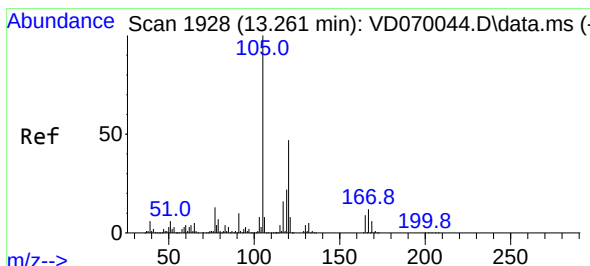
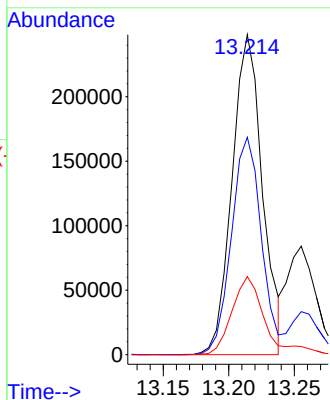
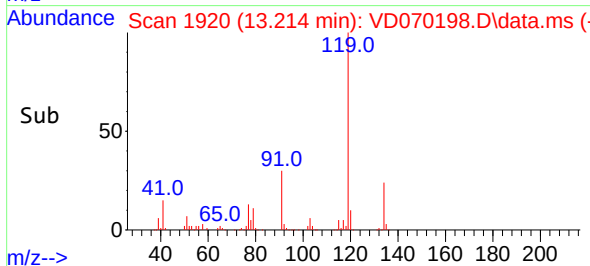
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01



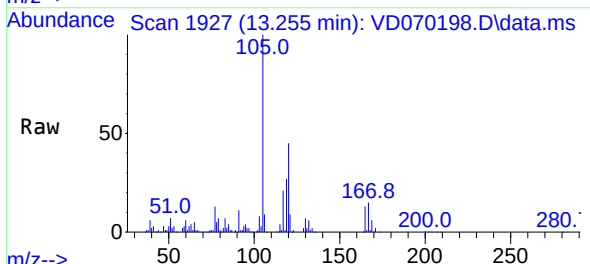
Tgt Ion:119 Resp: 400455
Ion Ratio Lower Upper
119 100
91 68.1 34.0 101.8
134 26.4 13.2 39.6

Manual Integrations
APPROVED

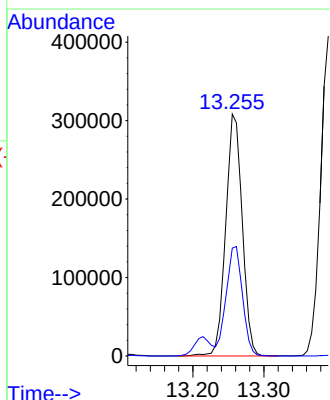
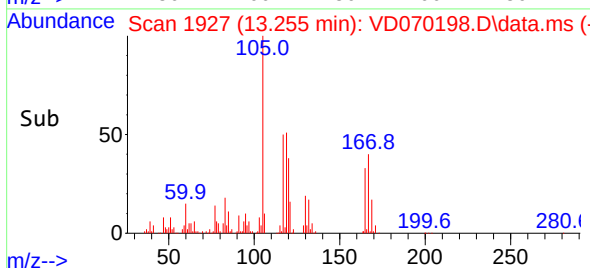
SAM
8/23/2021 11:06:18 AM

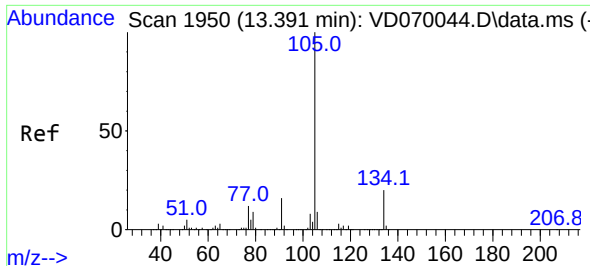


#84
1,2,4-Trimethylbenzene
Concen: 20.621 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



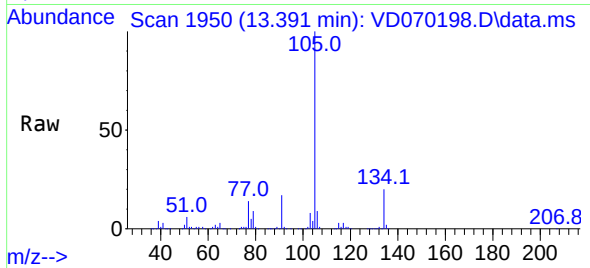
Tgt Ion:105 Resp: 498287
Ion Ratio Lower Upper
105 100
120 44.6 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 20.381 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070198.D
 Acq: 20 Aug 2021 12:57

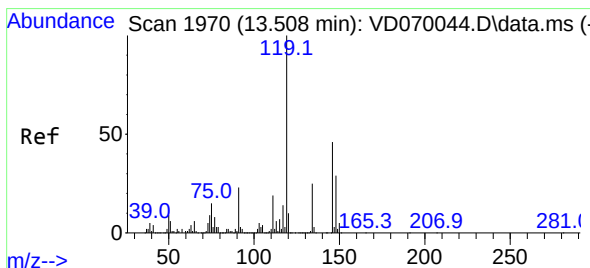
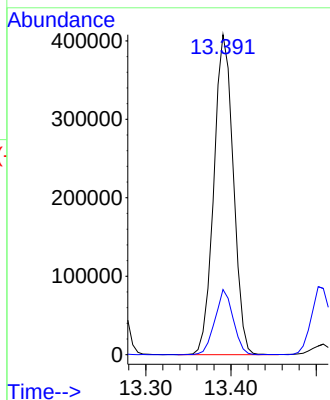
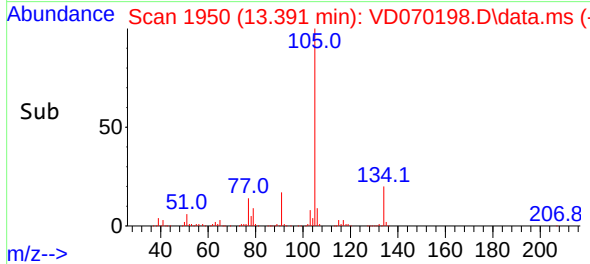
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0820SBSD01



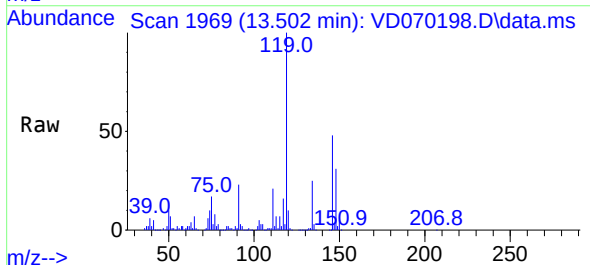
Tgt Ion:105 Resp: 646540
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
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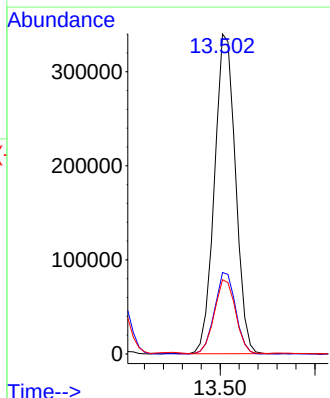
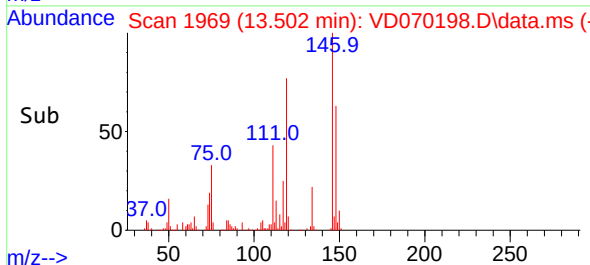
SAM
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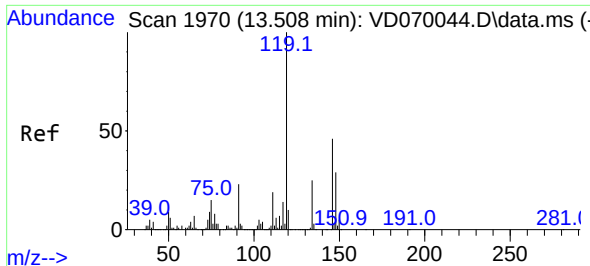


#86
 p-Isopropyltoluene
 Concen: 20.453 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD070198.D
 Acq: 20 Aug 2021 12:57



Tgt Ion:119 Resp: 524191
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 23.4 11.6 34.8





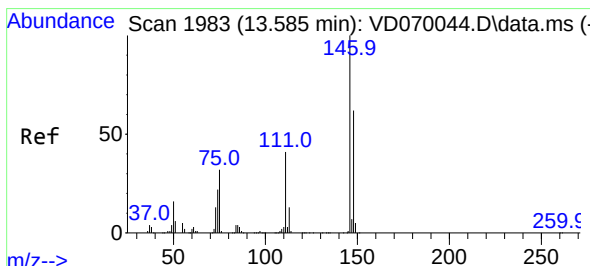
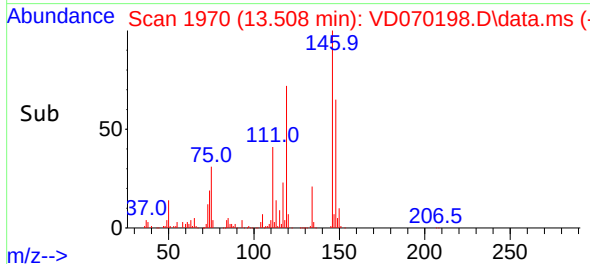
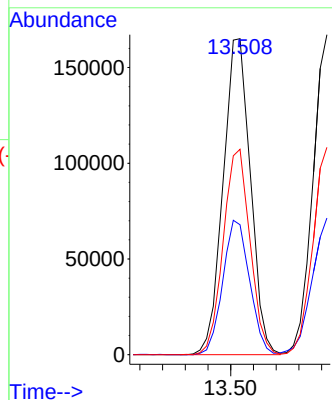
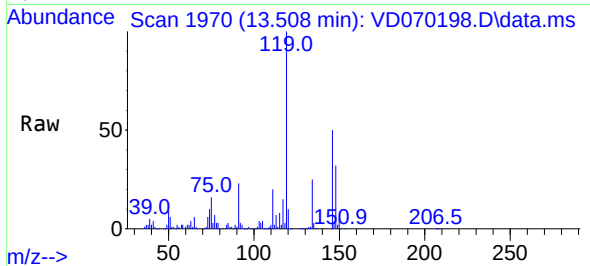
#87
1,3-Dichlorobenzene
Concen: 20.428 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:146 Resp: 275658
Ion Ratio Lower Upper
146 100
111 41.7 21.3 64.0
148 63.8 31.8 95.4

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

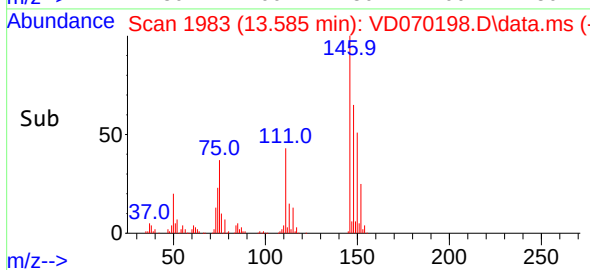
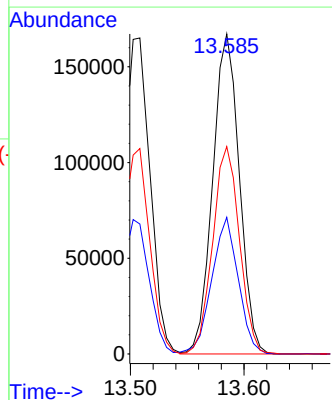
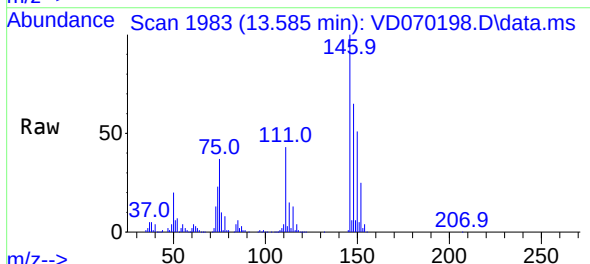
Manual Integrations
APPROVED

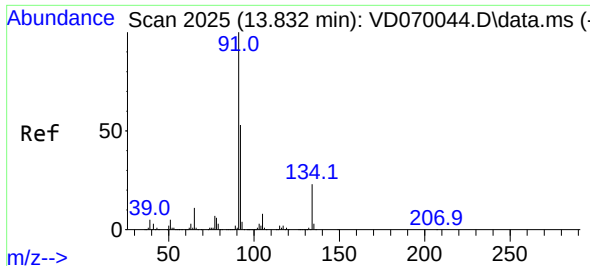
SAM
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#88
1,4-Dichlorobenzene
Concen: 20.376 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:146 Resp: 272336
Ion Ratio Lower Upper
146 100
111 42.5 20.3 60.8
148 65.2 31.3 93.9





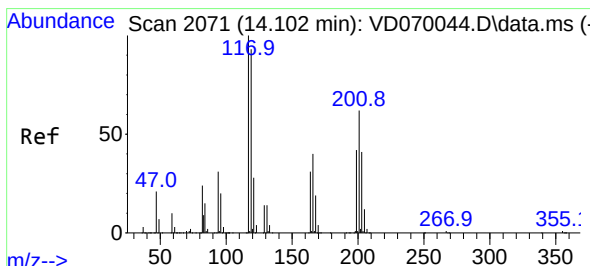
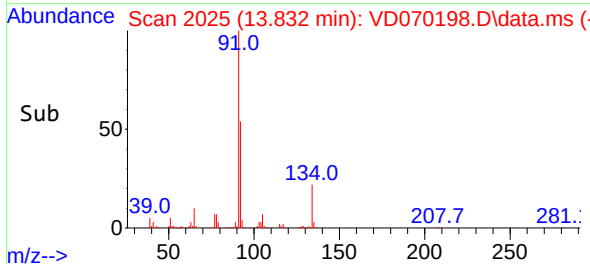
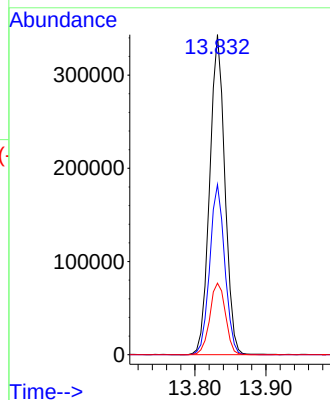
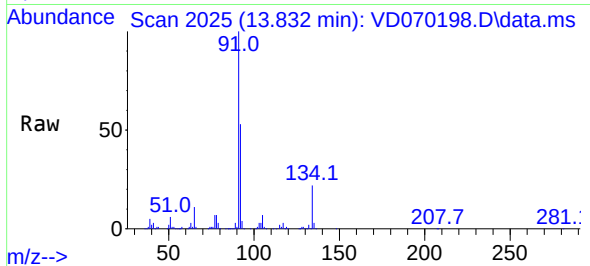
#89
n-Butylbenzene
Concen: 20.329 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:	91	Resp:	511279
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.1	81.3
134	23.0	11.8	35.3

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

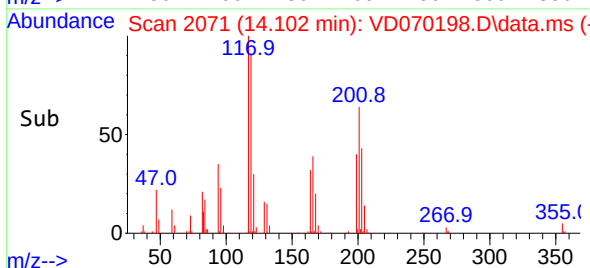
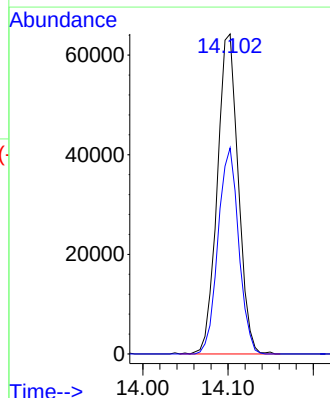
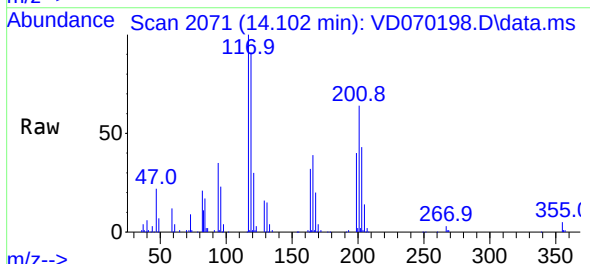
Manual Integrations
APPROVED

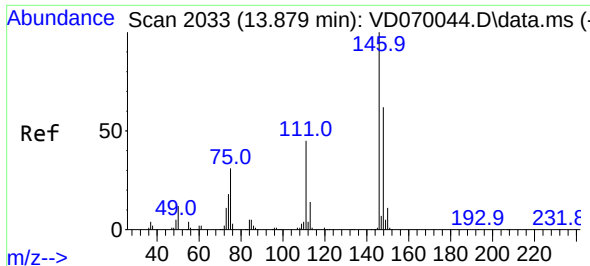
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#90
Hexachloroethane
Concen: 20.309 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

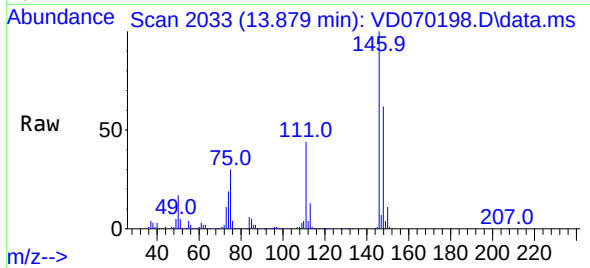
Tgt Ion:	117	Resp:	109836
Ion	Ratio	Lower	Upper
117	100		
201	63.3	31.6	95.0





#91
1,2-Dichlorobenzene
Concen: 20.510 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

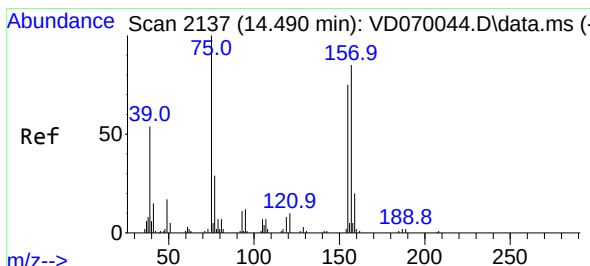
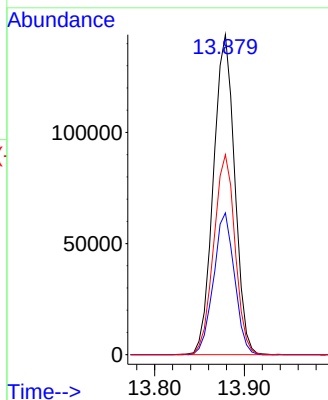
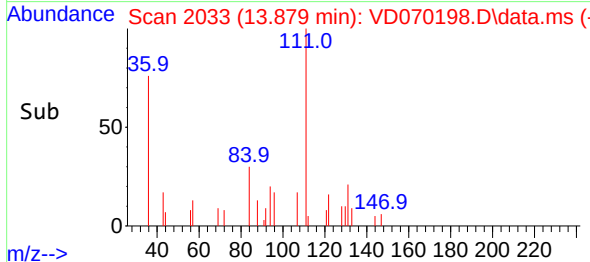
Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01



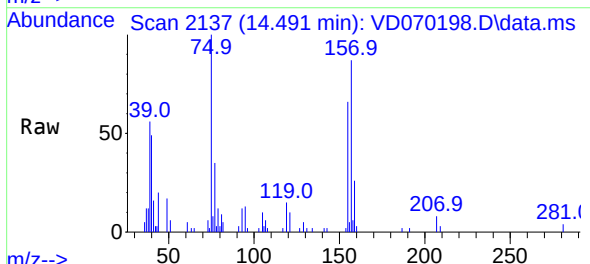
Tgt Ion:146 Resp: 237153
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.2
148 62.7 31.8 95.4

Manual Integrations
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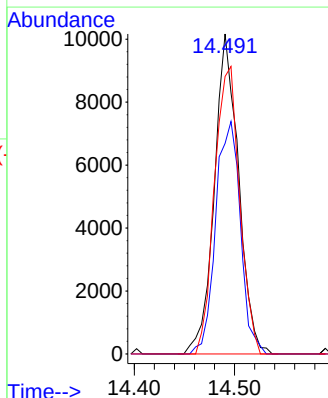
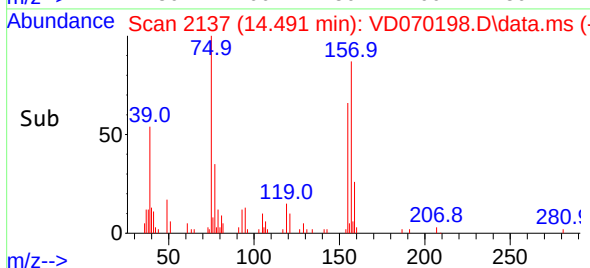
SAM
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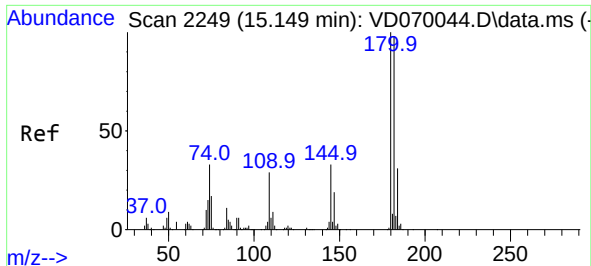


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.005 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57



Tgt Ion: 75 Resp: 17060
Ion Ratio Lower Upper
75 100
155 73.9 35.3 105.9
157 92.9 46.8 140.3





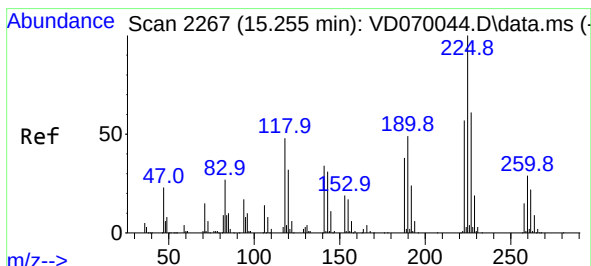
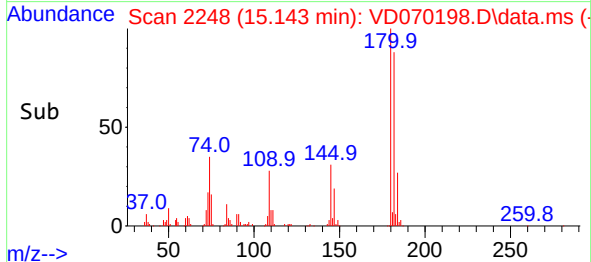
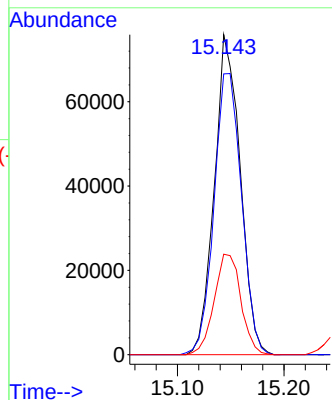
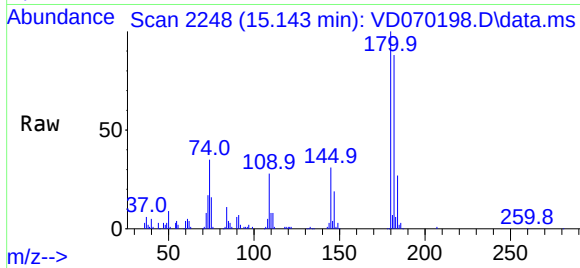
#93
1,2,4-Trichlorobenzene
Concen: 19.872 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:180 Resp: 127777
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.6
145 32.5 16.3 48.9

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

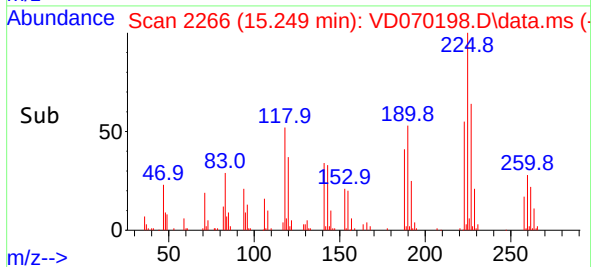
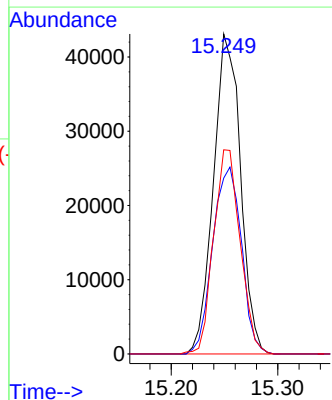
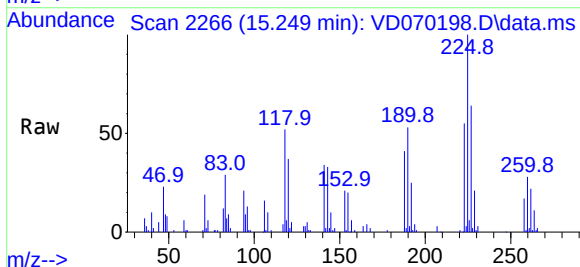
Manual Integrations
APPROVED

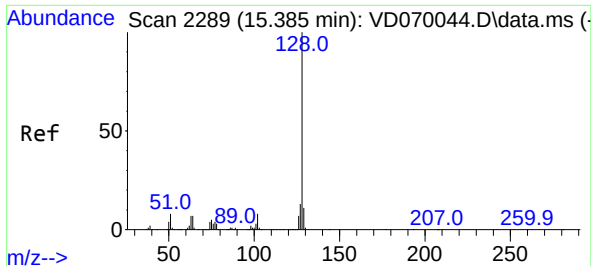
SAM
8/23/2021 11:06:18 AM



#94
Hexachlorobutadiene
Concen: 19.994 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:225 Resp: 75942
Ion Ratio Lower Upper
225 100
223 62.2 30.5 91.5
227 62.9 31.4 94.2





#95
Naphthalene
Concen: 19.508 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

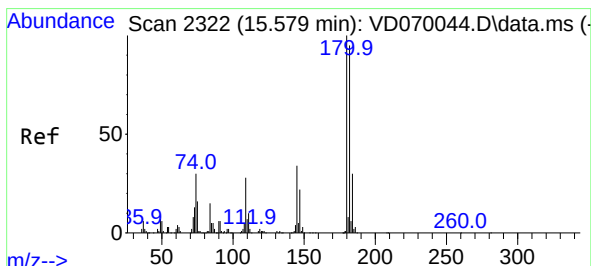
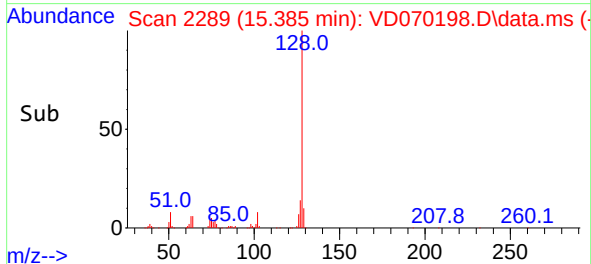
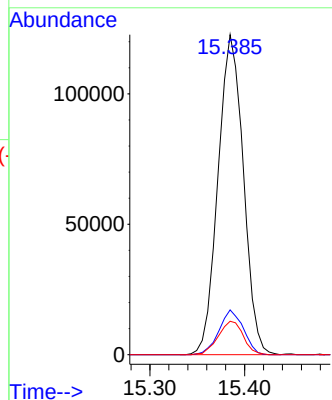
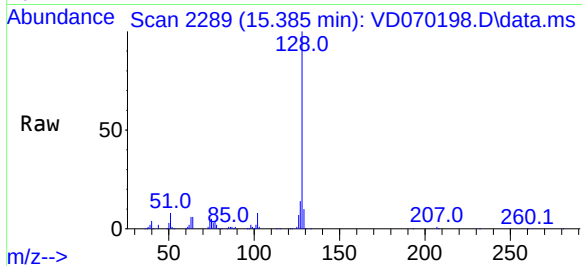
Tgt Ion:128 Resp: 228294

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.3	8.3	12.5

Instrument :
MSVOA_D
ClientSampleId :
VD0820SBSD01

Manual Integrations
APPROVED

SAM
8/23/2021 11:06:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.248 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD070198.D
Acq: 20 Aug 2021 12:57

Tgt Ion:180 Resp: 113651

Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.9	143.6
145	33.5	16.8	50.3

