

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070245.D
 Acq On : 25 Aug 2021 12:20
 Operator : VA/SY
 Sample : M3507-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 130-ARE

Quant Time: Aug 25 14:45:25 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	8946	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	17077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	13574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	4366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	7348	69.835	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.680%			
35) Dibromofluoromethane	7.914	113	5779	52.380	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.760%			
50) Toluene-d8	10.332	98	19089	44.484	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.960%			
62) 4-Bromofluorobenzene	12.626	95	4851	34.321	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 68.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	195	Below Cal	#	67
3) Chloromethane	2.209	50	919	3.291	ug/l #	1
4) Vinyl Chloride	2.356	62	288	1.902	ug/l #	1
7) Trichlorofluoromethane	3.291	101	248	1.364	ug/l #	16
8) Diethyl Ether	3.708	74	57	1.095	ug/l #	1
16) Acetone	4.150	43	99	5.108	ug/l #	41
17) Carbon Disulfide	4.438	76	982	2.556	ug/l #	75
20) Methylene Chloride	4.967	84	1595	4.687	ug/l #	35
25) 2-Butanone	7.173	43	71	2.681	ug/l #	44
29) Tetrahydrofuran	7.379	42	60	3.460	ug/l #	32
30) Chloroform	7.708	83	507	2.259	ug/l #	78
31) Cyclohexane	7.985	56	592	2.843	ug/l #	62
32) 1,1,1-Trichloroethane	7.902	97	244	1.301	ug/l #	23
36) 1,1-Dichloropropene	8.108	75	219	1.192	ug/l #	53
37) Ethyl Acetate	7.320	43	209	3.132	ug/l #	67
38) Carbon Tetrachloride	7.973	117	872	5.228	ug/l #	10
39) Methylcyclohexane	9.343	83	316	1.477	ug/l #	55
40) Benzene	8.344	78	1169	2.194	ug/l #	52
42) 1,2-Dichloroethane	8.414	62	202	1.479	ug/l #	73
44) Trichloroethene	9.108	130	373	2.898	ug/l	1
51) 4-Methyl-2-Pentanone	10.220	43	108	1.667	ug/l #	33
52) Toluene	10.402	92	746	2.300	ug/l #	72
59) 2-Hexanone	10.973	43	55	1.268	ug/l #	21
60) Dibromochloromethane	10.873	129	129	1.182	ug/l #	10
64) Tetrachloroethene	10.879	164	226	2.581	ug/l #	39
65) Chlorobenzene	11.655	112	608	2.144	ug/l #	71
67) Ethyl Benzene	11.743	91	794	1.583	ug/l	92
68) m/p-Xylenes	11.843	106	388	1.997	ug/l #	57
70) Styrene	12.173	104	322	1.049	ug/l #	61
73) Isopropylbenzene	12.473	105	903	2.836	ug/l #	48
74) N-amyl acetate	12.308	43	134	1.952	ug/l #	39
76) 1,2,3-Trichloropropane	12.620	75	2114	47.745	ug/l #	1
77) Bromobenzene	12.755	156	177	2.505	ug/l #	28
78) n-propylbenzene	12.814	91	1127	2.745	ug/l #	65
79) 2-Chlorotoluene	12.902	91	526	2.227	ug/l	93
80) 1,3,5-Trimethylbenzene	12.943	105	609	2.247	ug/l	84

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

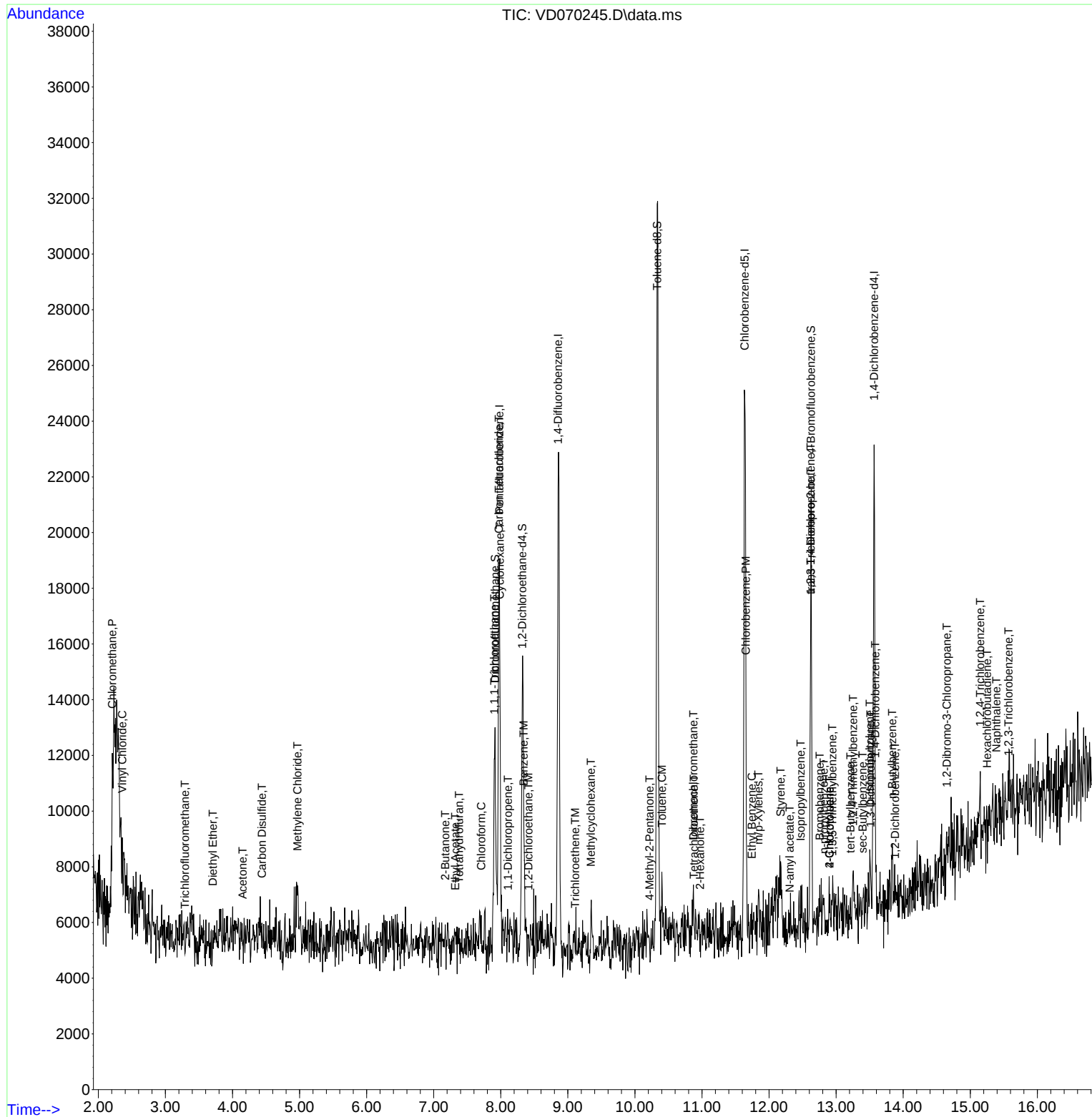
81) trans-1,4-Dichloro-2-b...	12.620	75	2114	123.927	ug/l	#	17
82) 4-Chlorotoluene	12.902	91	526	2.126	ug/l		94
83) tert-Butylbenzene	13.214	119	505	2.292	ug/l	#	43
84) 1,2,4-Trimethylbenzene	13.255	105	610	2.269	ug/l	#	31
85) sec-Butylbenzene	13.396	105	628	1.779	ug/l	#	57
86) p-Isopropyltoluene	13.502	119	430	1.508	ug/l	#	51
87) 1,3-Dichlorobenzene	13.514	146	655	4.362	ug/l	#	58
88) 1,4-Dichlorobenzene	13.584	146	648	4.357	ug/l	#	56
89) n-Butylbenzene	13.837	91	675	2.412	ug/l	#	81
91) 1,2-Dichlorobenzene	13.879	146	184	1.430	ug/l	#	4
92) 1,2-Dibromo-3-Chloropr...	14.649	75	61	6.429	ug/l	#	8
93) 1,2,4-Trichlorobenzene	15.149	180	439	6.136	ug/l	#	72
94) Hexachlorobutadiene	15.249	225	70	1.656	ug/l	#	19
95) Naphthalene	15.390	128	1046	8.033	ug/l	#	69
96) 1,2,3-Trichlorobenzene	15.573	180	376	6.020	ug/l	#	84

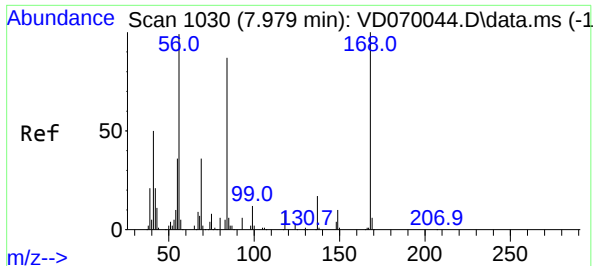
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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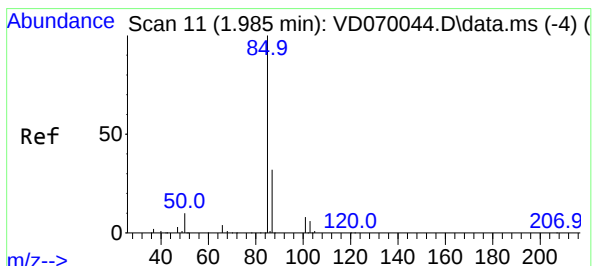
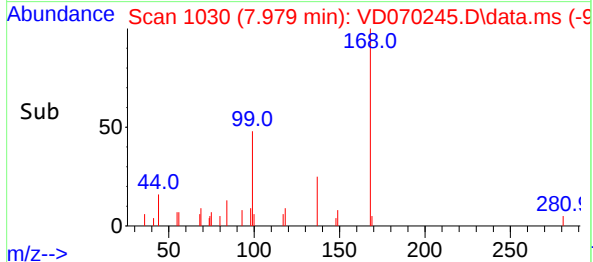
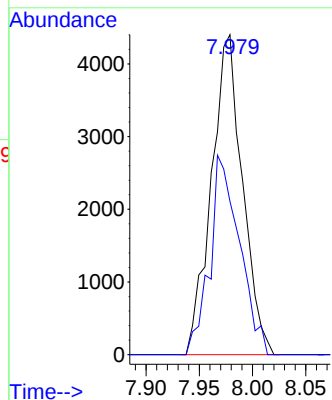
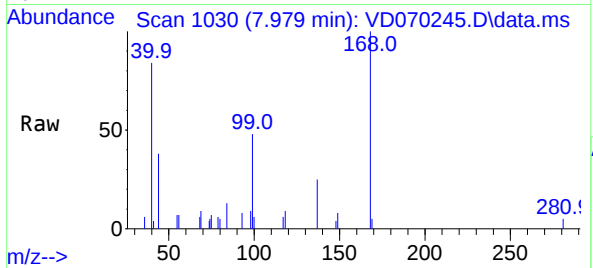




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

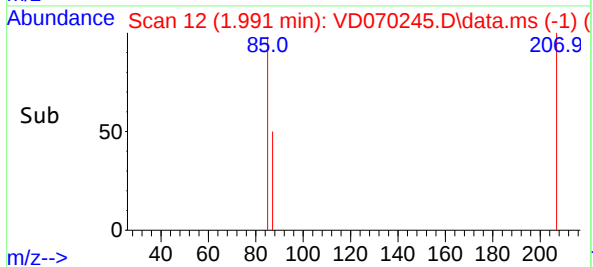
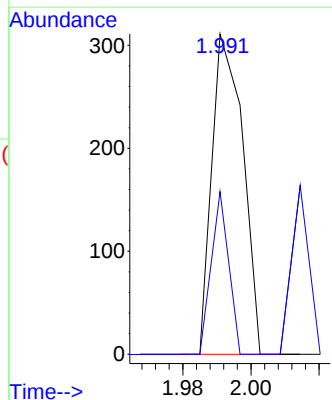
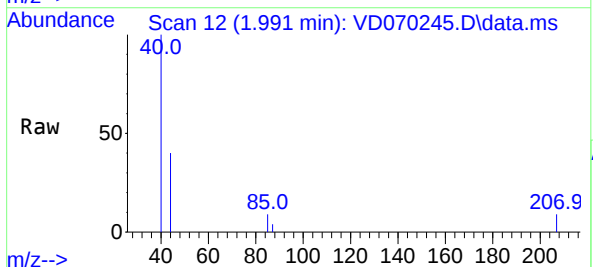
Tgt Ion:168 Resp: 8946
Ion Ratio Lower Upper
168 100
99 47.9 50.3 75.5#

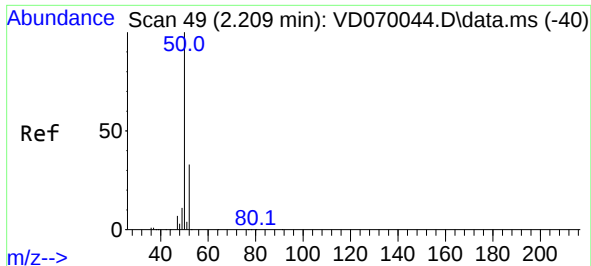
Instrument :
MSVOA_D
ClientSampleId :
130-ARE



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 85 Resp: 195
Ion Ratio Lower Upper
85 100
87 50.8 16.2 48.6#

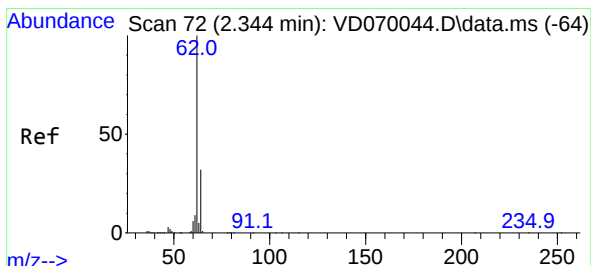
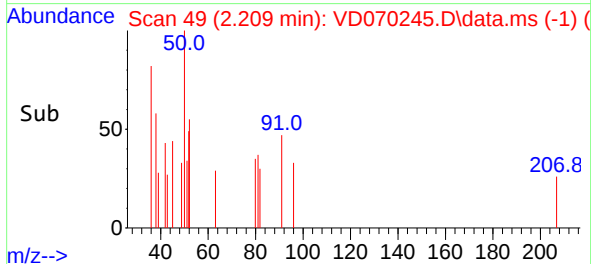
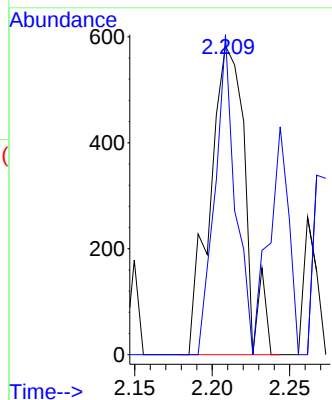
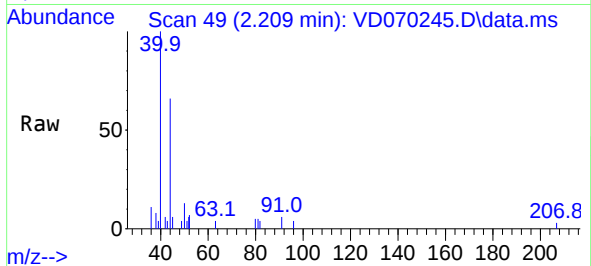




#3
Chloromethane
Concen: 3.291 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

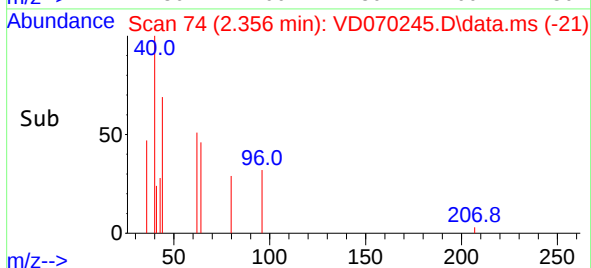
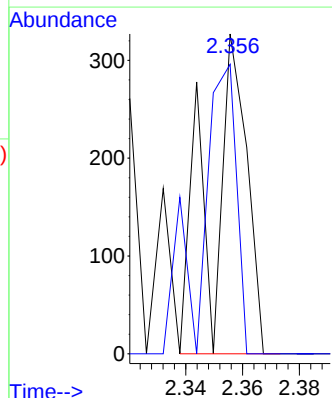
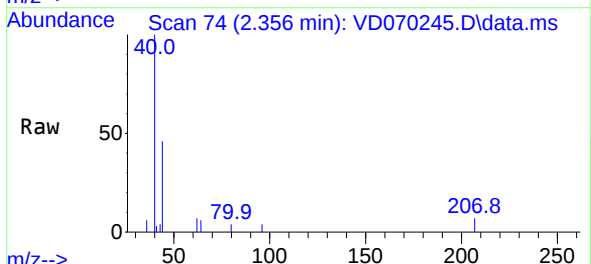
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

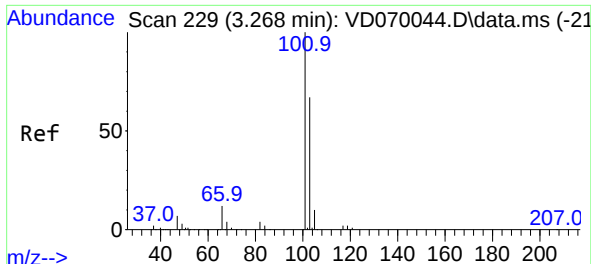
Tgt Ion: 50 Resp: 919
Ion Ratio Lower Upper
50 100
52 103.6 26.3 39.5#



#4
Vinyl Chloride
Concen: 1.902 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.012 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 62 Resp: 288
Ion Ratio Lower Upper
62 100
64 90.5 25.7 38.5#

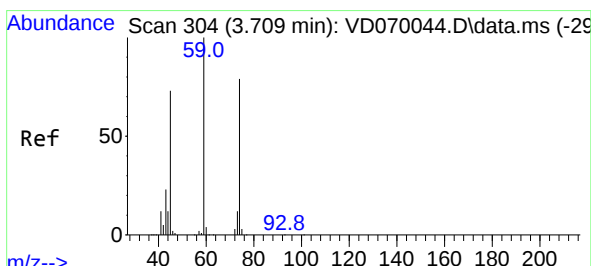
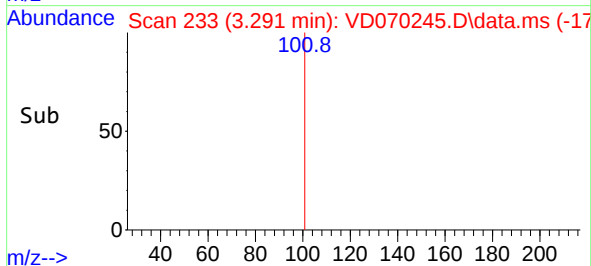
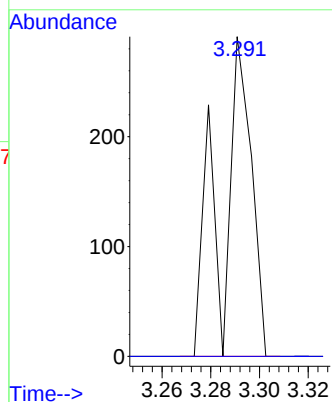
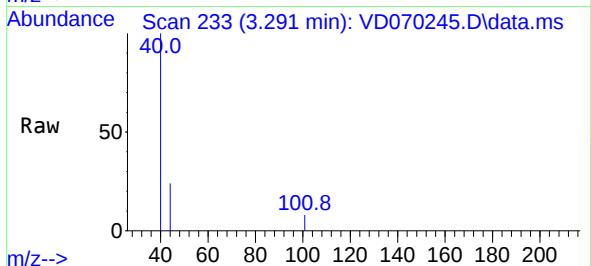




#7
Trichlorofluoromethane
Concen: 1.364 ug/l
RT: 3.291 min Scan# 233
Delta R.T. 0.023 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

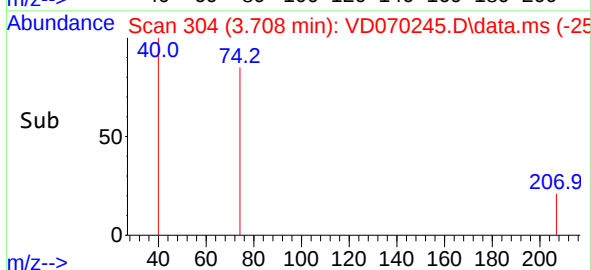
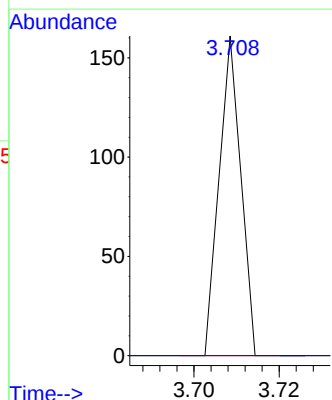
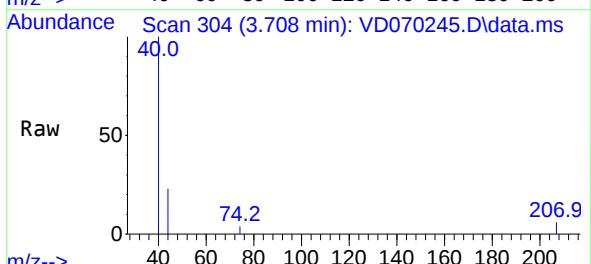
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

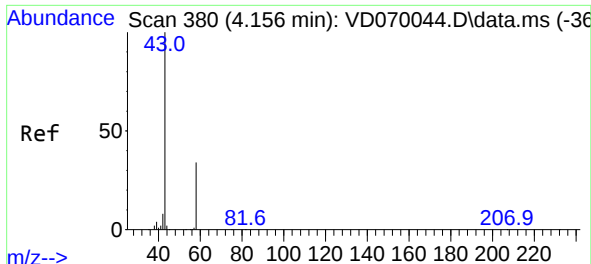
Tgt Ion:101 Resp: 248
Ion Ratio Lower Upper
101 100
103 0.0 53.9 80.9#



#8
Diethyl Ether
Concen: 1.095 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 74 Resp: 57
Ion Ratio Lower Upper
74 100
45 0.0 48.6 145.9#

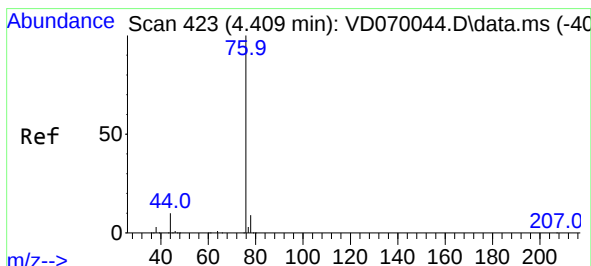
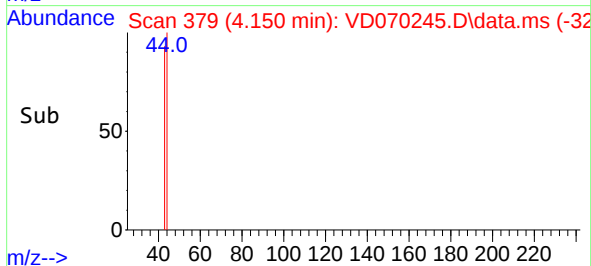
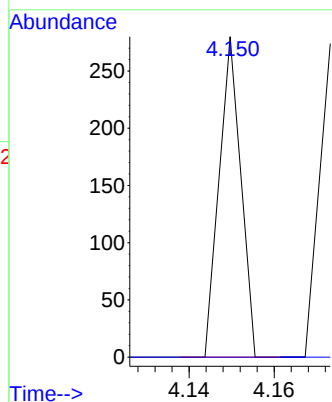
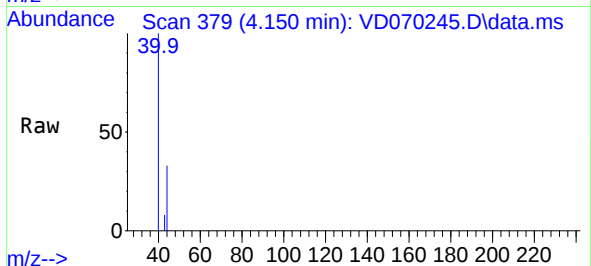




#16
Acetone
Concen: 5.108 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

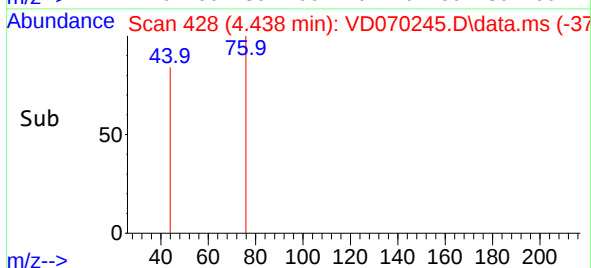
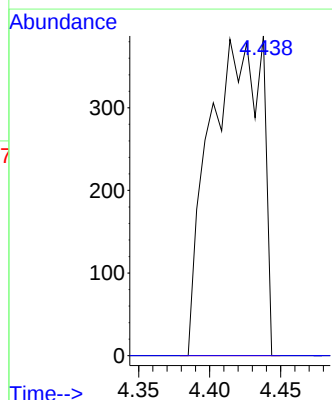
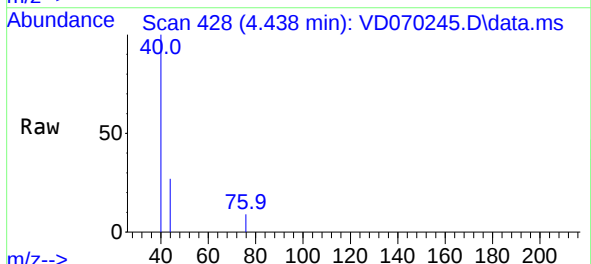
Instrument :
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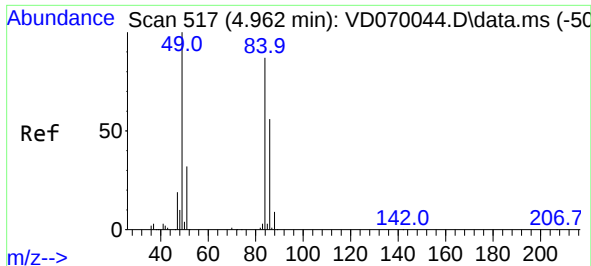
Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



#17
Carbon Disulfide
Concen: 2.556 ug/l
RT: 4.438 min Scan# 428
Delta R.T. 0.029 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

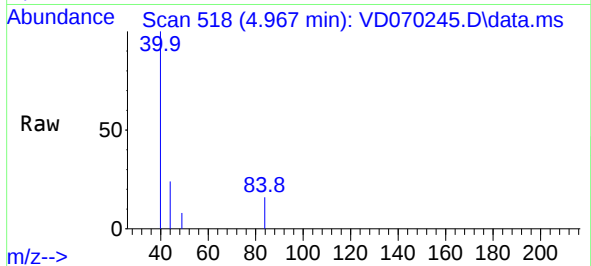
Tgt Ion: 76 Resp: 982
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#





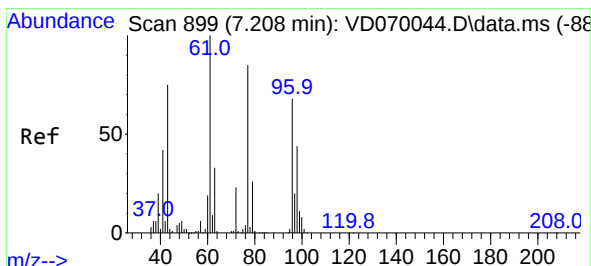
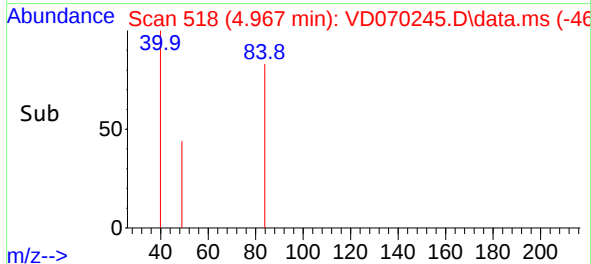
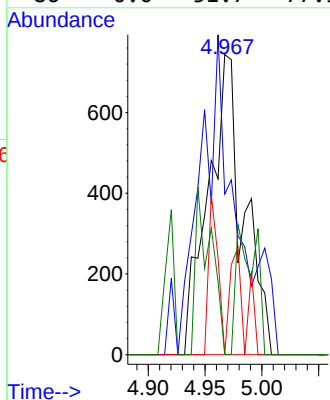
#20
Methylene Chloride
Concen: 4.687 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Instrument :
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Tgt Ion: 84 Resp: 1595

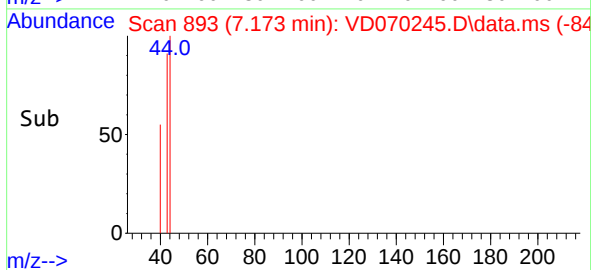
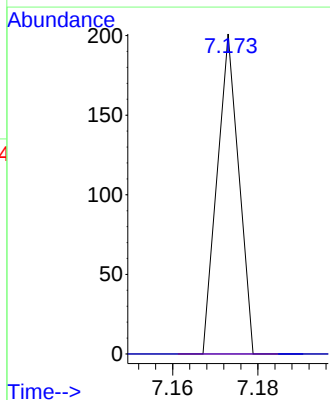
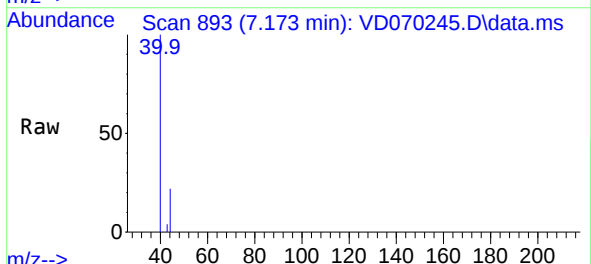
Ion	Ratio	Lower	Upper
84	100		
49	53.5	92.5	138.7#
51	0.0	29.7	44.5#
86	0.0	51.7	77.5#

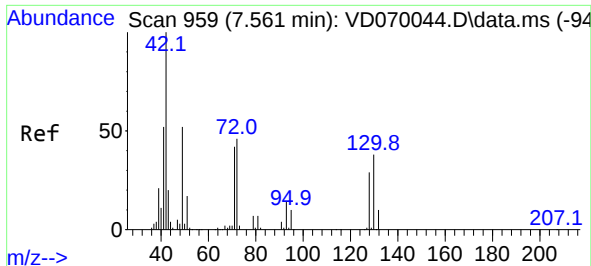


#25
2-Butanone
Concen: 2.681 ug/l
RT: 7.173 min Scan# 893
Delta R.T. -0.035 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 43 Resp: 71

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.2	36.4#





#29

Tetrahydrofuran

Concen: 3.460 ug/l

RT: 7.379 min Scan# 928

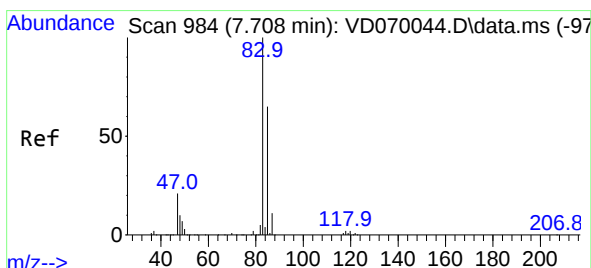
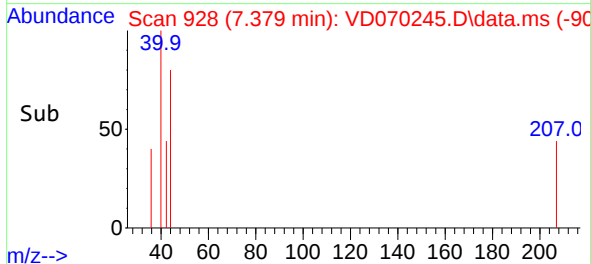
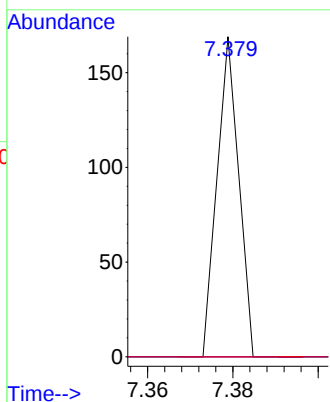
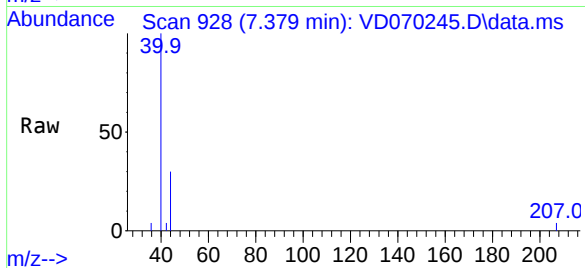
Delta R.T. -0.183 min

Lab File: VD070245.D

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Tgt Ion:	42	Resp:	60
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.5	56.3#
71	0.0	33.6	50.4#



#30

Chloroform

Concen: 2.259 ug/l

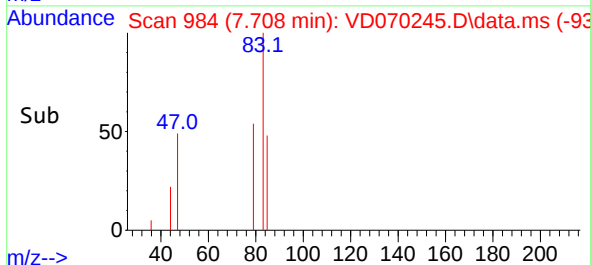
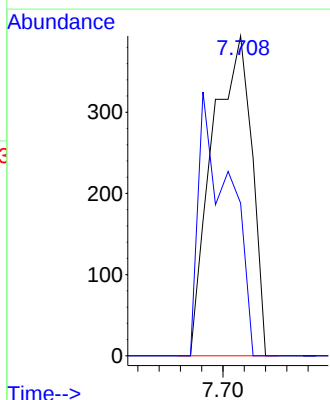
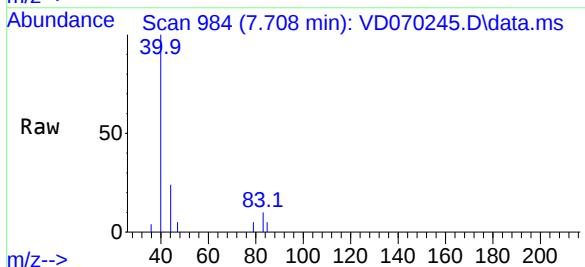
RT: 7.708 min Scan# 984

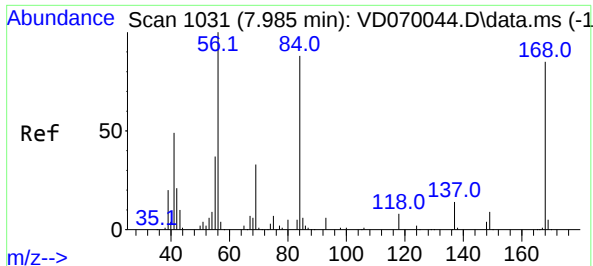
Delta R.T. -0.000 min

Lab File: VD070245.D

Acq: 25 Aug 2021 12:20

Tgt Ion:	83	Resp:	507
Ion	Ratio	Lower	Upper
83	100		
85	47.7	51.8	77.8#

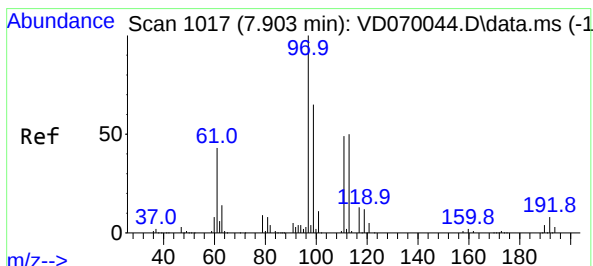
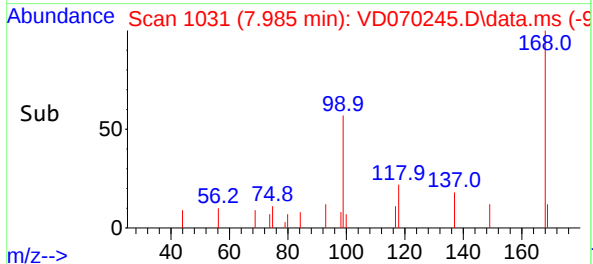
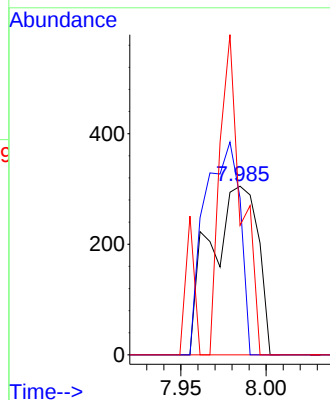
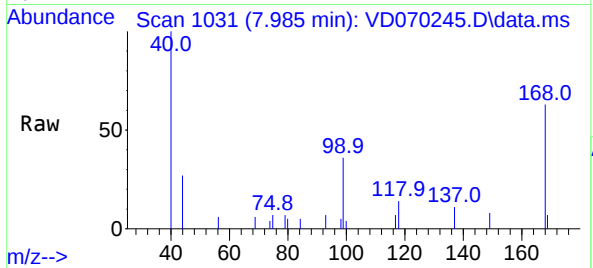




#31
Cyclohexane
Concen: 2.843 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

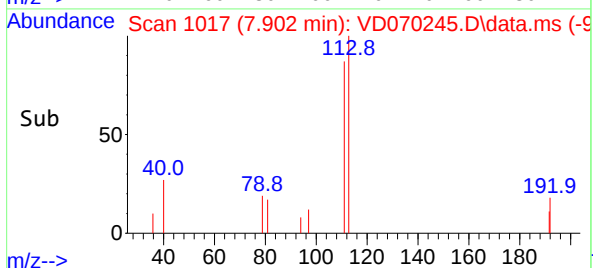
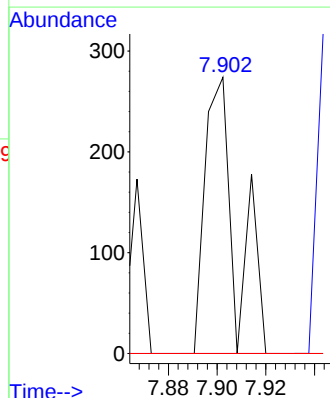
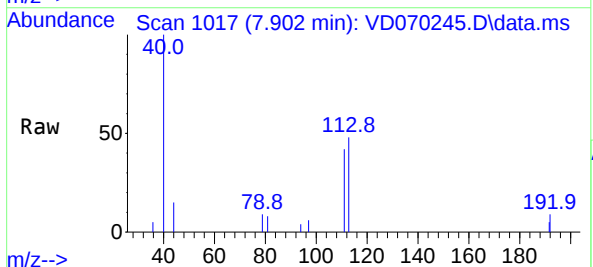
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

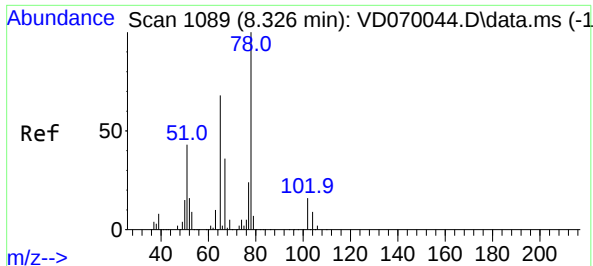
Tgt Ion: 56 Resp: 592
Ion Ratio Lower Upper
56 100
69 93.1 26.7 40.1#
84 76.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 1.301 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 97 Resp: 244
Ion Ratio Lower Upper
97 100
99 0.0 52.4 78.6#
61 0.0 34.4 51.6#

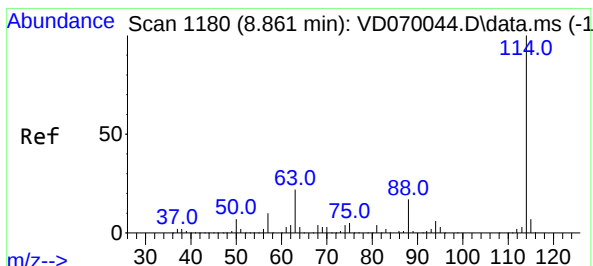
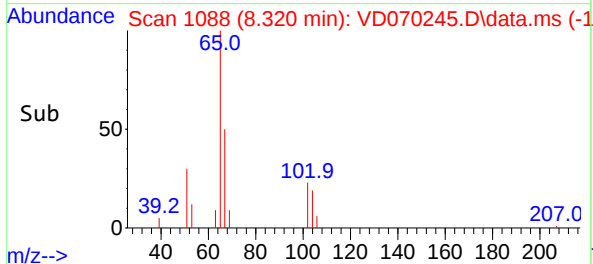
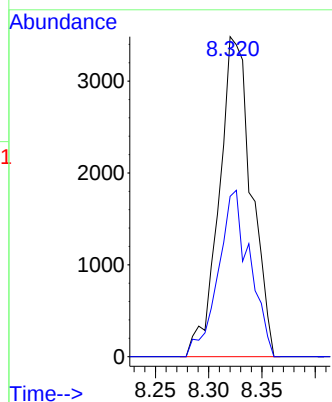
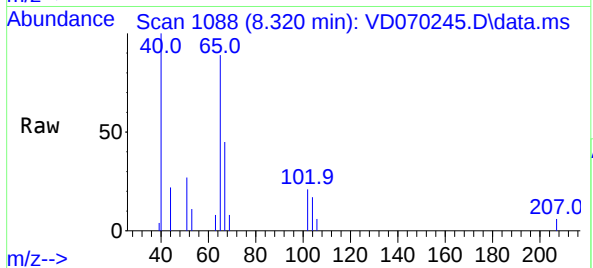




#33
1,2-Dichloroethane-d4
Concen: 69.835 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

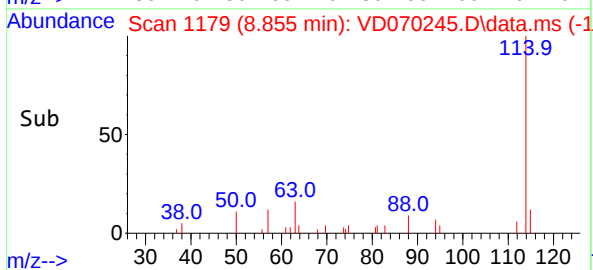
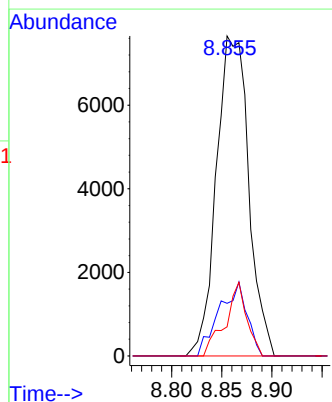
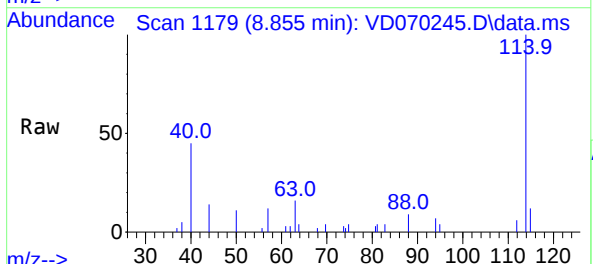
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

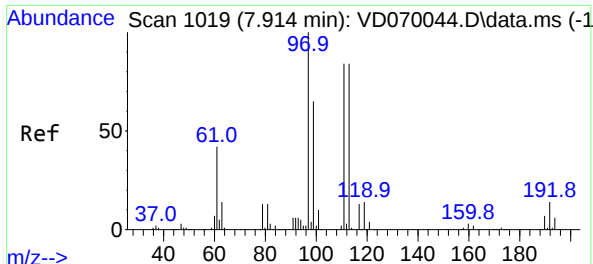
Tgt Ion: 65 Resp: 7348
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 114 Resp: 17077
Ion Ratio Lower Upper
114 100
63 16.5 0.0 43.6
88 9.1 0.0 33.4

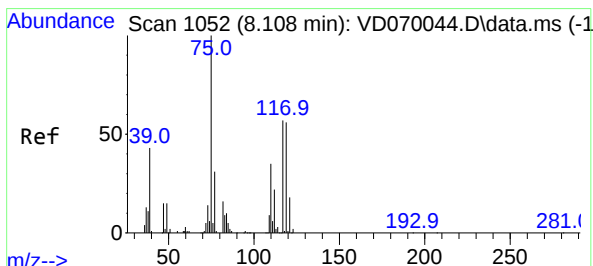
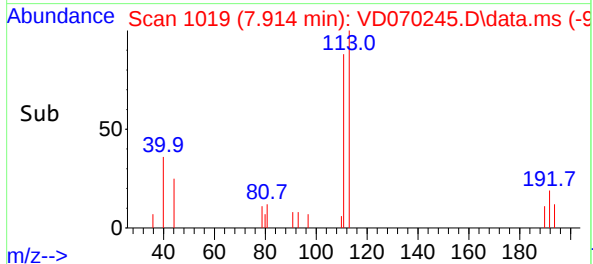
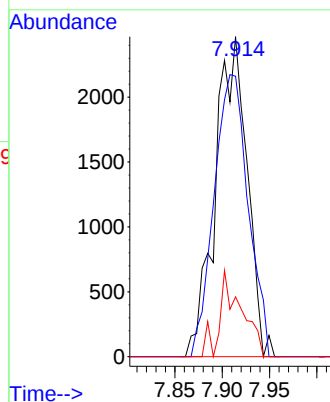
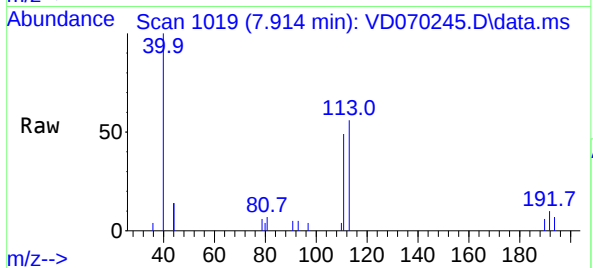




#35
Dibromofluoromethane
Concen: 52.380 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

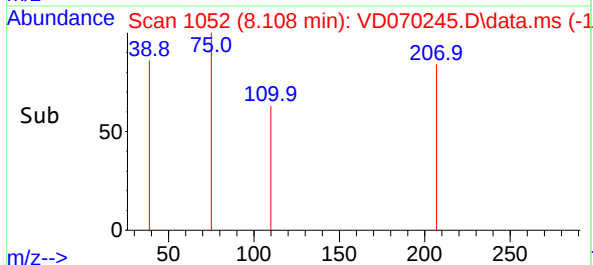
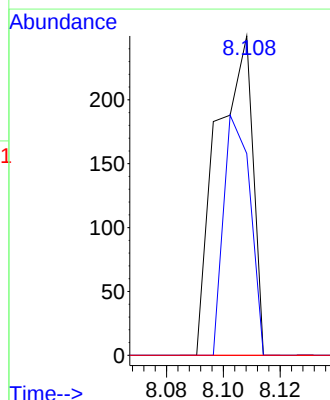
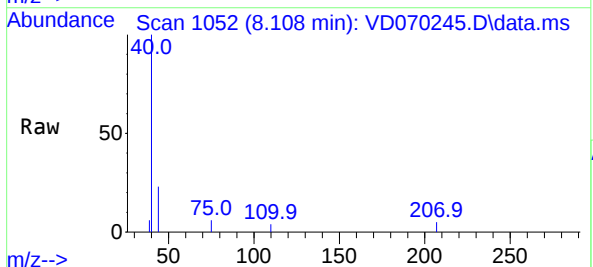
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

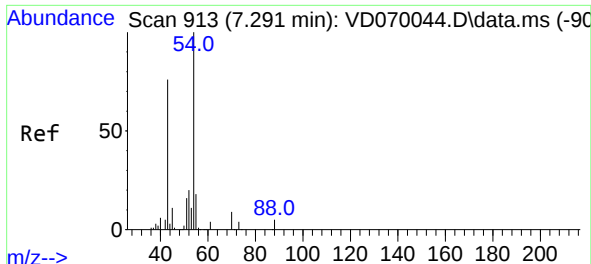
Tgt Ion:113 Resp: 5779
Ion Ratio Lower Upper
113 100
111 94.3 81.8 122.6
192 18.7 13.2 19.8



#36
1,1-Dichloropropene
Concen: 1.192 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 75 Resp: 219
Ion Ratio Lower Upper
75 100
110 55.7 16.9 50.7#
77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 3.132 ug/l

RT: 7.320 min Scan# 918

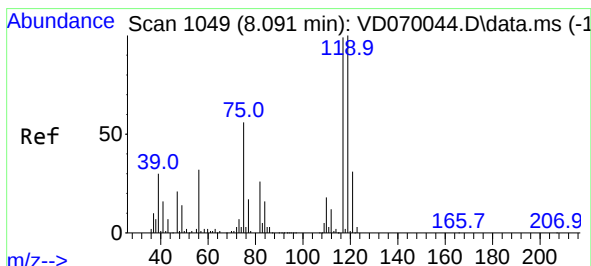
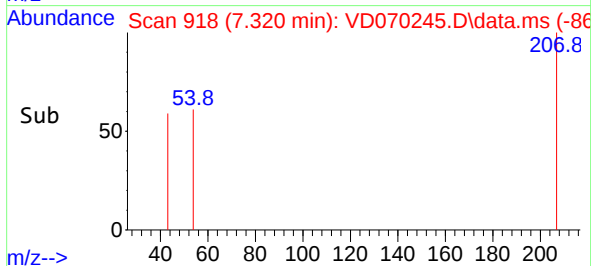
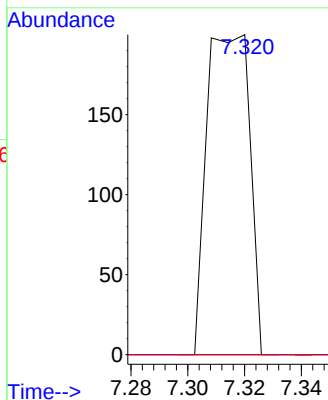
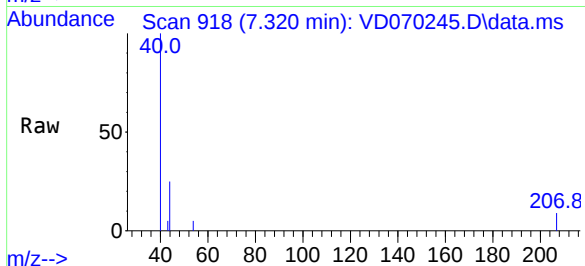
Delta R.T. 0.029 min

Lab File: VD070245.D

Acq: 25 Aug 2021 12:20

Instrument :
MSVOA_D
ClientSampleId :
130-ARE

Tgt Ion:	43	Resp:	209
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	9.0	13.6#



#38

Carbon Tetrachloride

Concen: 5.228 ug/l

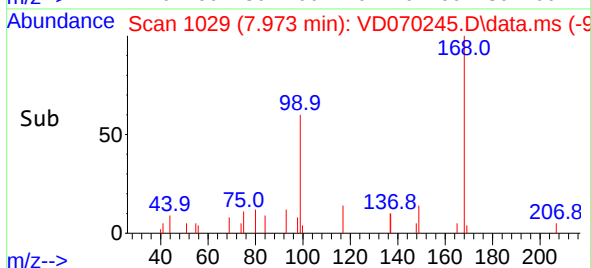
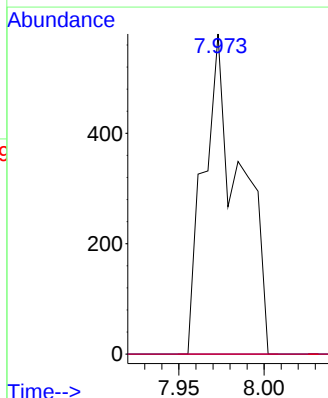
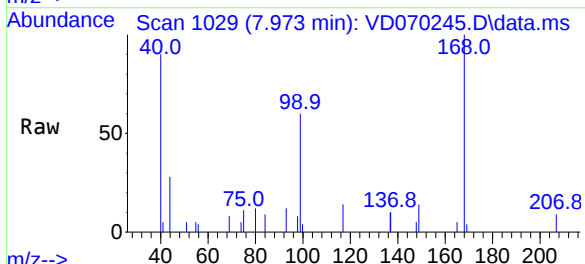
RT: 7.973 min Scan# 1029

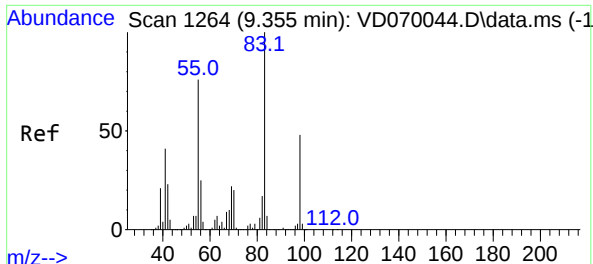
Delta R.T. -0.118 min

Lab File: VD070245.D

Acq: 25 Aug 2021 12:20

Tgt Ion:	117	Resp:	872
Ion	Ratio	Lower	Upper
117	100		
119	0.0	81.0	121.6#
121	0.0	25.0	37.6#





#39

Methylcyclohexane

Concen: 1.477 ug/l

RT: 9.343 min Scan# 1262

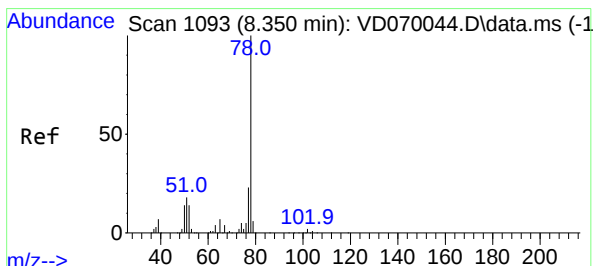
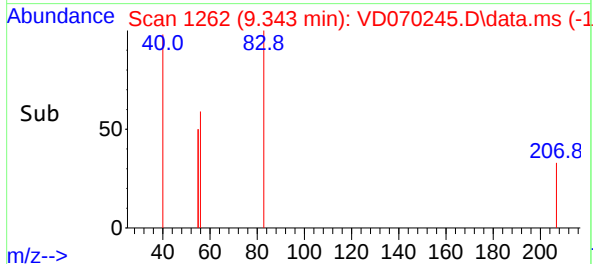
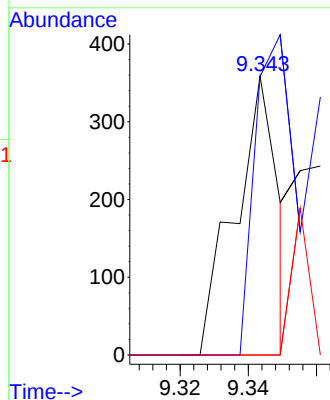
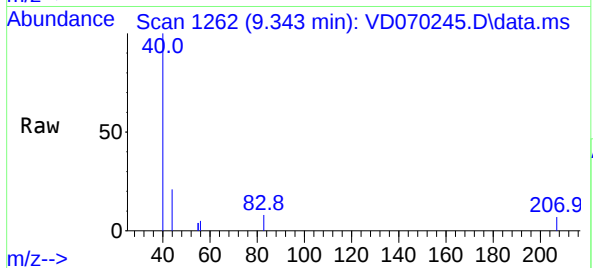
Delta R.T. -0.012 min

Lab File: VD070245.D

Acq: 25 Aug 2021 12:20

Tgt Ion:	83	Resp:	316
Ion	Ratio	Lower	Upper
83	100		
55	99.7	60.7	91.1#
98	0.0	38.6	58.0#

Instrument :
MSVOA_D
ClientSampled :
130-ARE



#40

Benzene

Concen: 2.194 ug/l

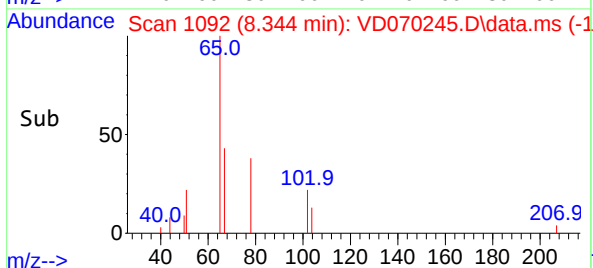
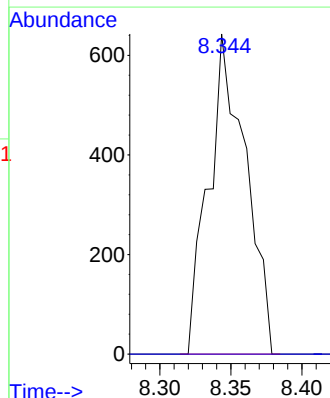
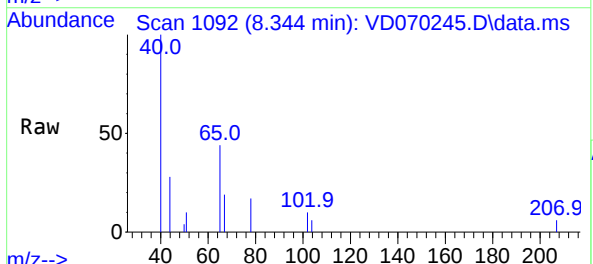
RT: 8.344 min Scan# 1092

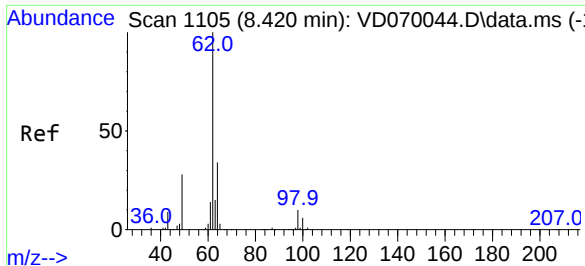
Delta R.T. -0.006 min

Lab File: VD070245.D

Acq: 25 Aug 2021 12:20

Tgt Ion:	78	Resp:	1169
Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.6	27.8#

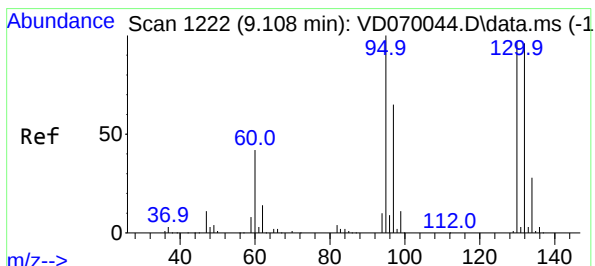
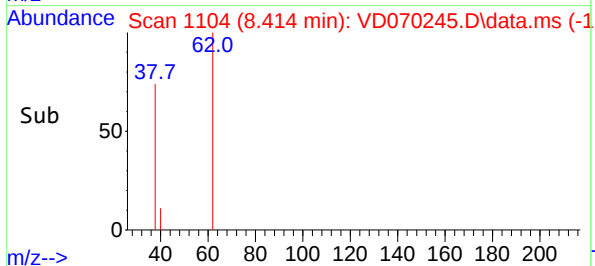
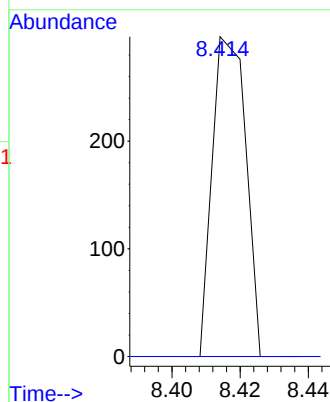
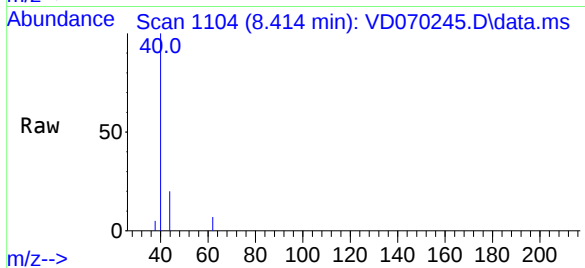




#42
1,2-Dichloroethane
Concen: 1.479 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

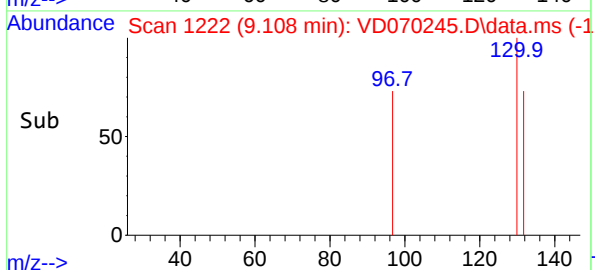
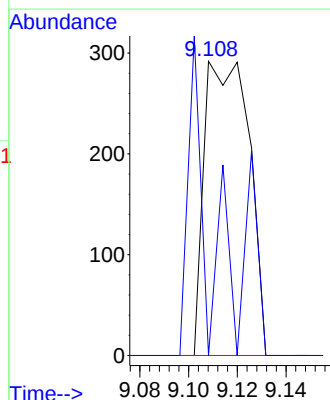
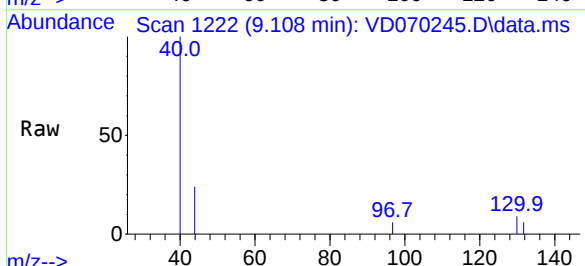
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

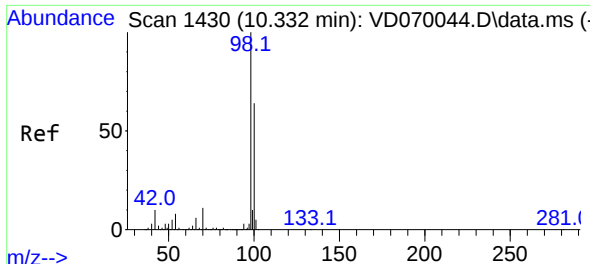
Tgt Ion: 62 Resp: 202
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2



#44
Trichloroethene
Concen: 2.898 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 130 Resp: 373
Ion Ratio Lower Upper
130 100
95 0.0 0.0 206.4

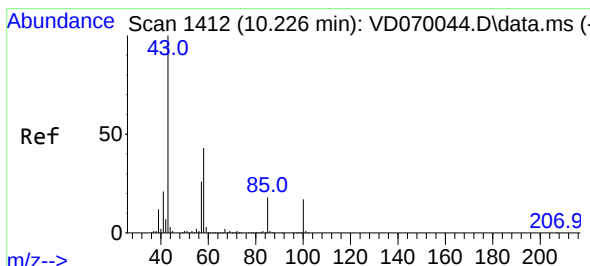
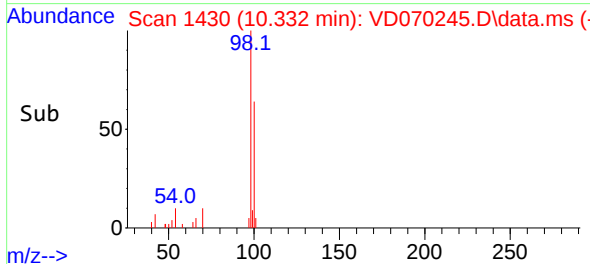
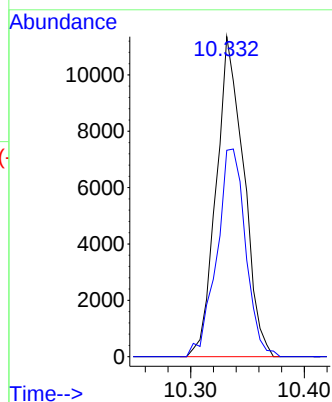
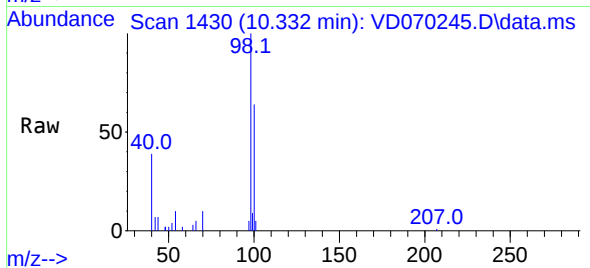




#50
Toluene-d8
Concen: 44.484 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

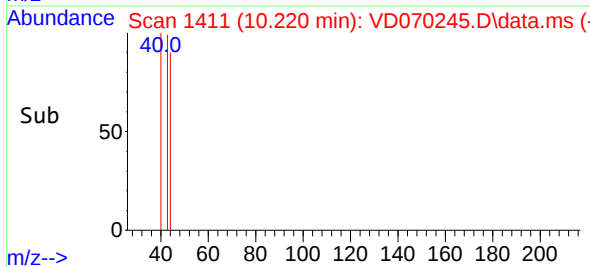
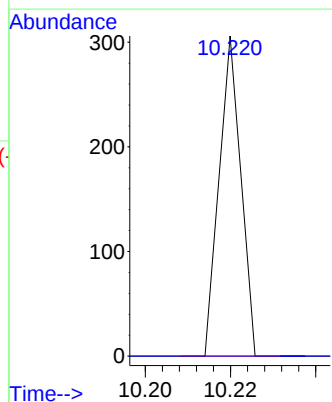
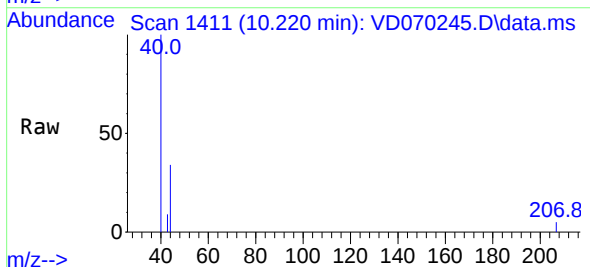
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

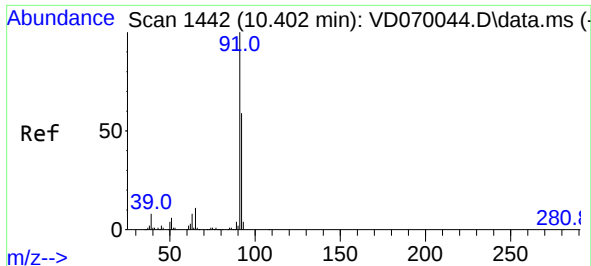
Tgt Ion: 98 Resp: 19089
Ion Ratio Lower Upper
98 100
100 68.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.667 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 43 Resp: 108
Ion Ratio Lower Upper
43 100
58 0.0 33.9 50.9#

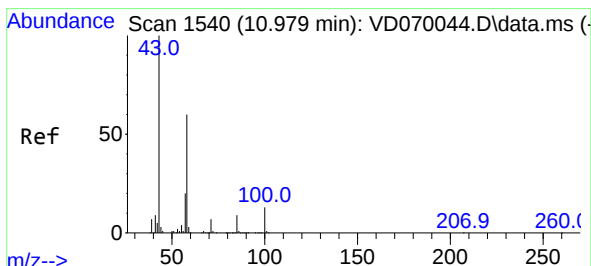
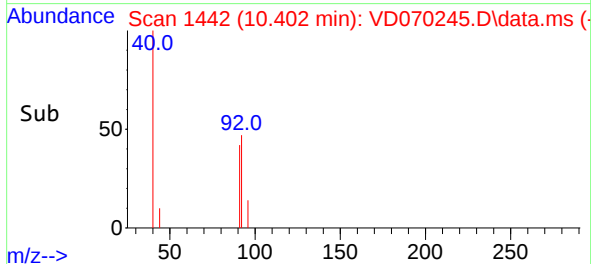
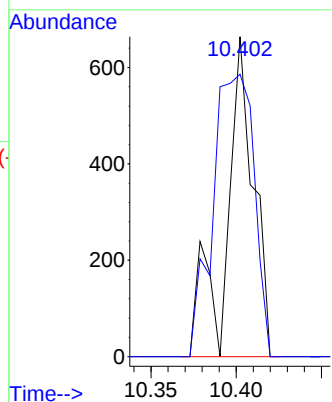
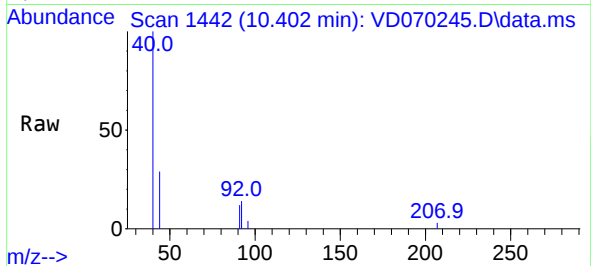




#52
Toluene
Concen: 2.300 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

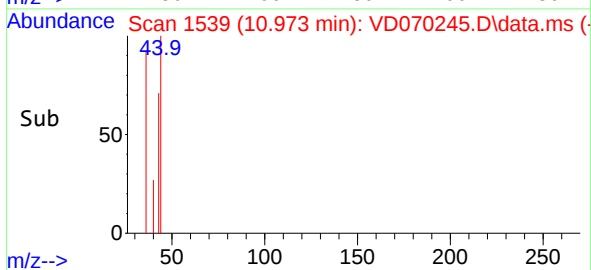
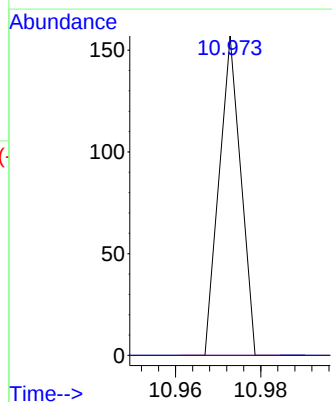
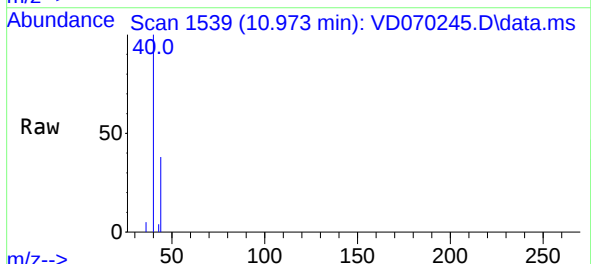
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

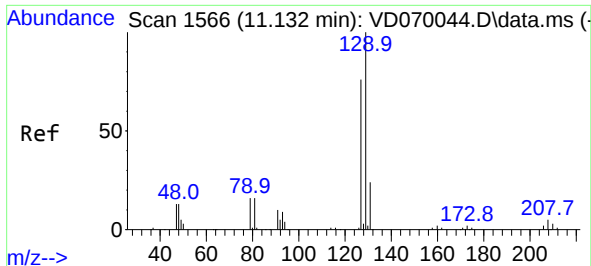
Tgt Ion: 92 Resp: 746
Ion Ratio Lower Upper
92 100
91 132.7 137.2 205.8#



#59
2-Hexanone
Concen: 1.268 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.5#

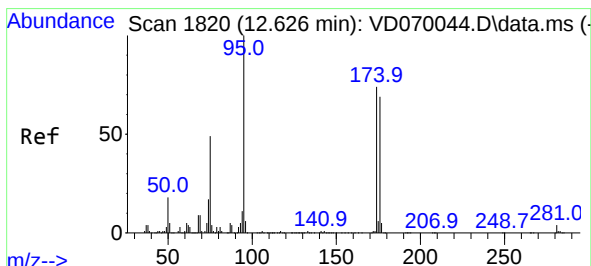
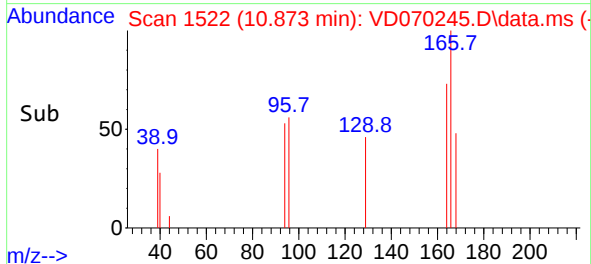
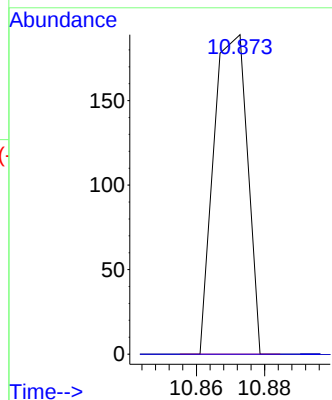
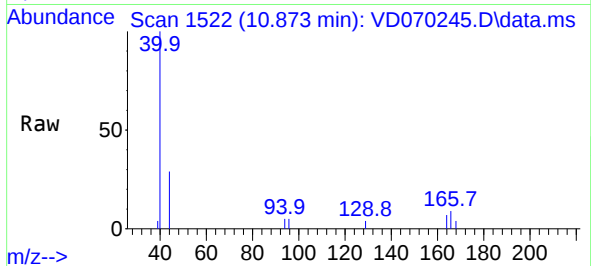




#60
Dibromochloromethane
Concen: 1.182 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.259 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

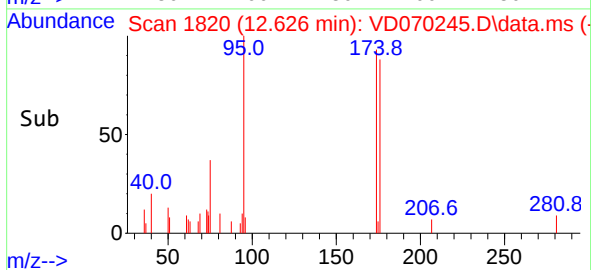
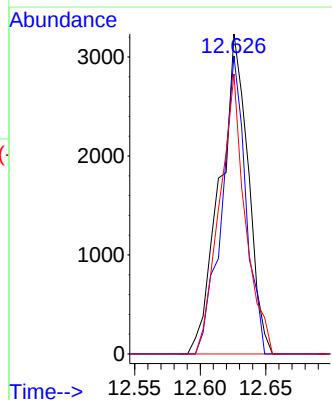
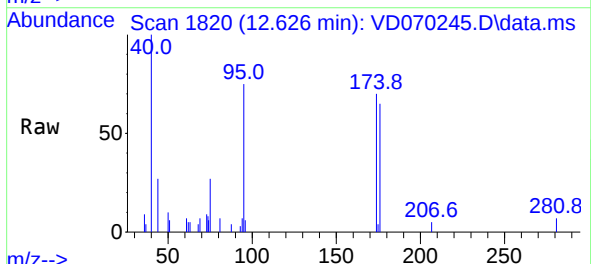
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

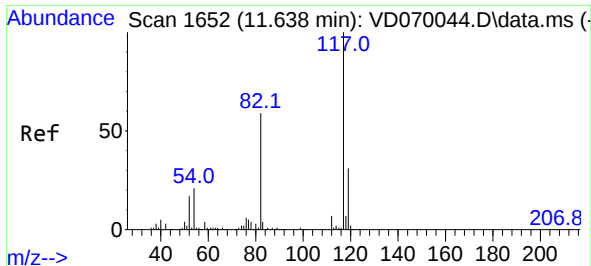
Tgt Ion:129 Resp: 129
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.2#



#62
4-Bromofluorobenzene
Concen: 34.321 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 95 Resp: 4851
Ion Ratio Lower Upper
95 100
174 79.1 0.0 141.6
176 79.6 0.0 138.2

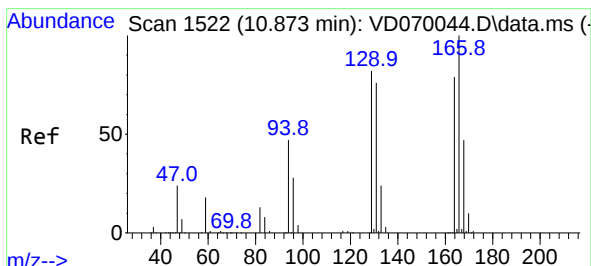
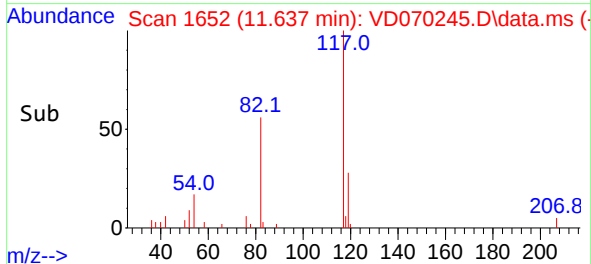
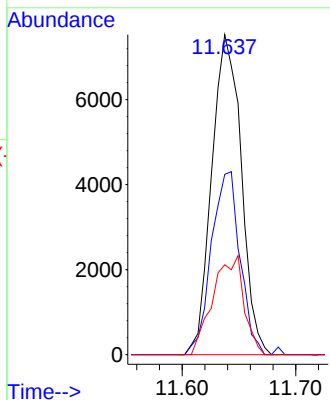
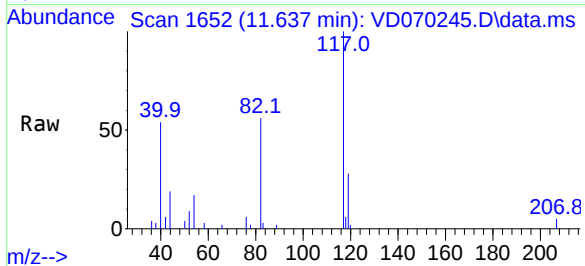




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

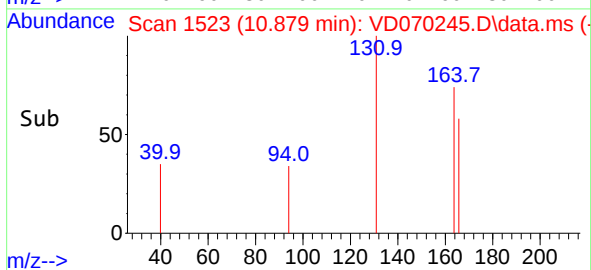
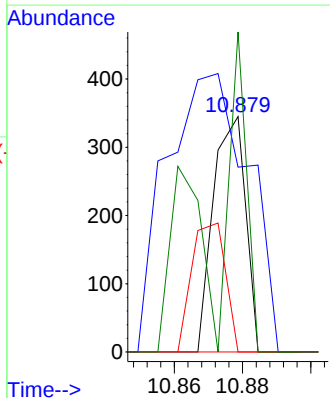
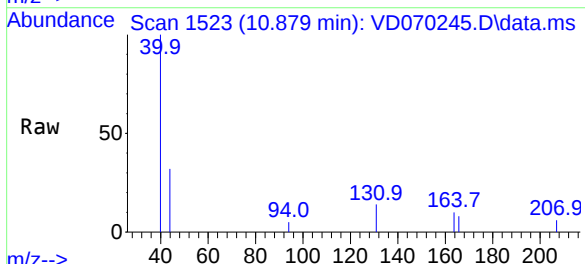
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

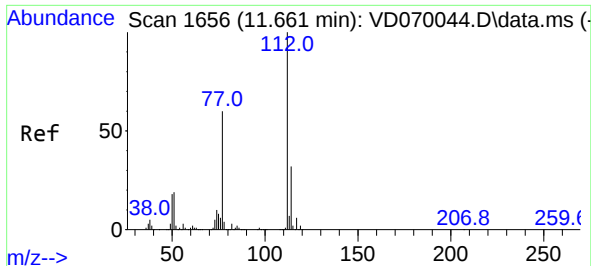
Tgt Ion:	117	Resp:	13574
Ion	Ratio	Lower	Upper
117	100		
82	56.3	47.5	71.3
119	28.1	25.1	37.7



#64
Tetrachloroethene
Concen: 2.581 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion:	164	Resp:	226
Ion	Ratio	Lower	Upper
164	100		
166	78.6	101.3	151.9#
129	0.0	82.9	124.3#
131	135.9	76.5	114.7#

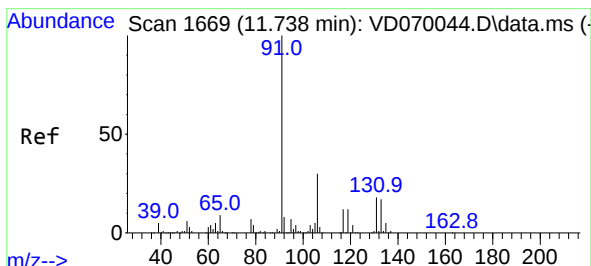
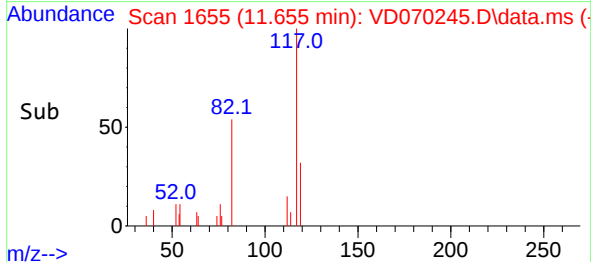
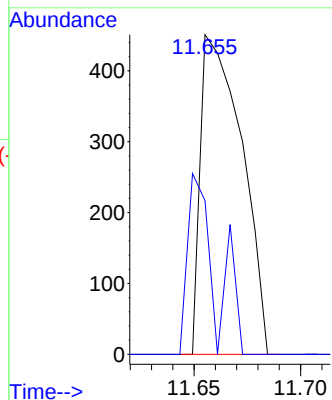
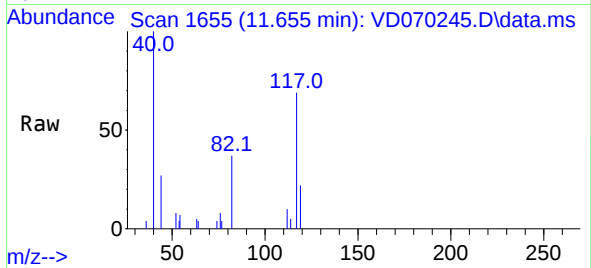




#65
Chlorobenzene
Concen: 2.144 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

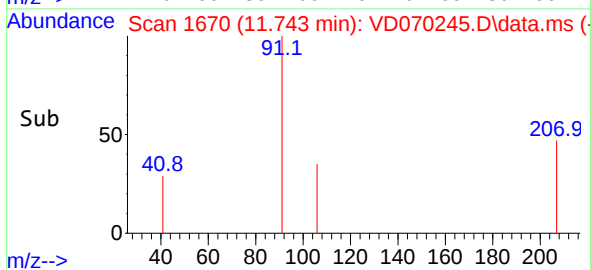
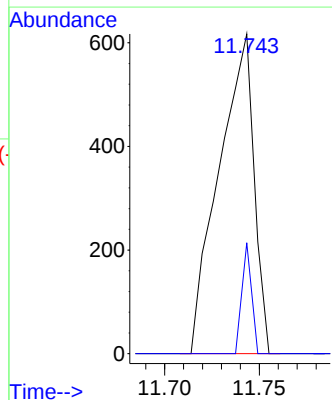
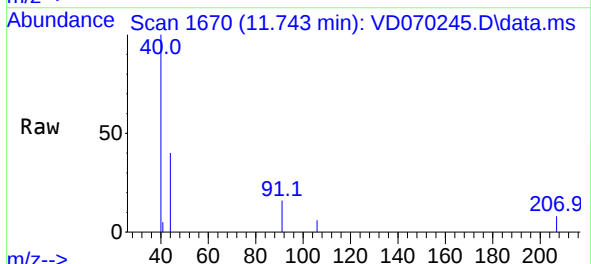
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

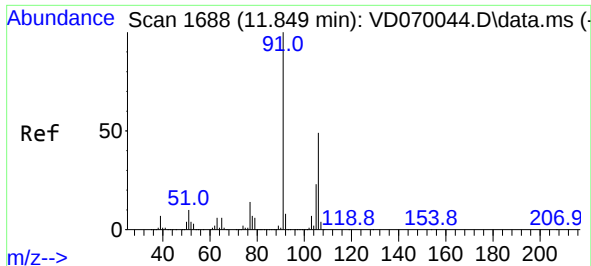
Tgt Ion:112 Resp: 608
Ion Ratio Lower Upper
112 100
114 48.1 25.5 38.3#



#67
Ethyl Benzene
Concen: 1.583 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 91 Resp: 794
Ion Ratio Lower Upper
91 100
106 34.7 24.3 36.5

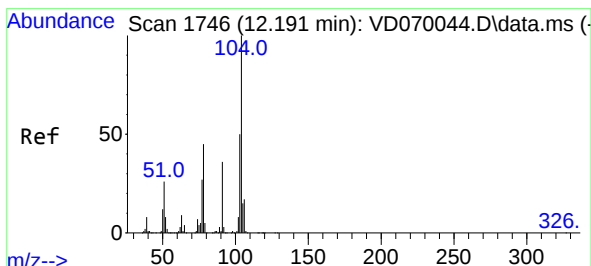
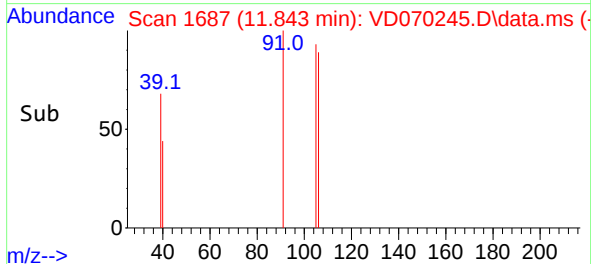
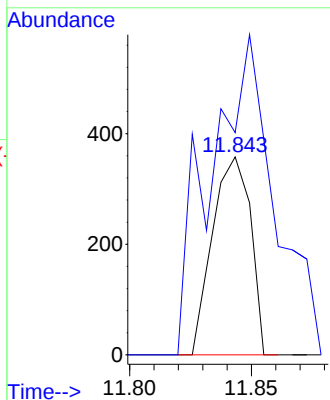
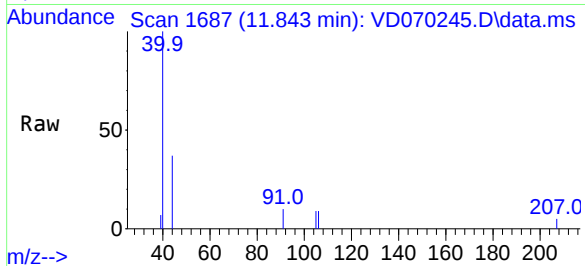




#68
m/p-Xylenes
Concen: 1.997 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

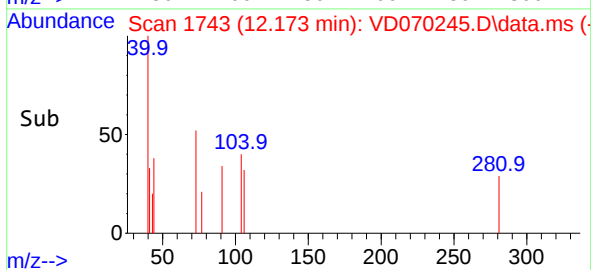
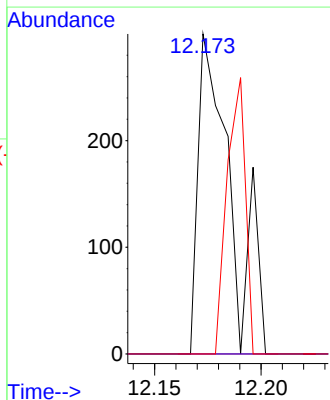
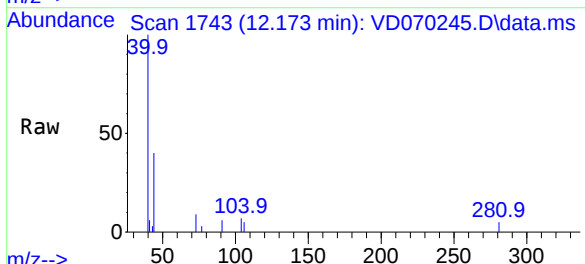
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

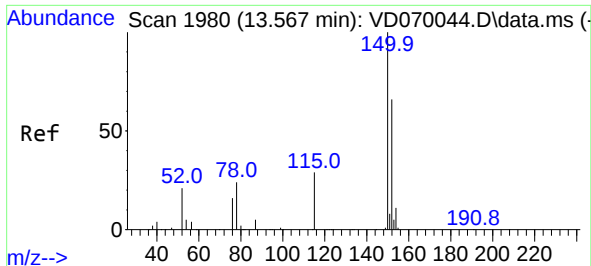
Tgt Ion:106 Resp: 388
Ion Ratio Lower Upper
106 100
91 272.7 164.6 246.8#



#70
Styrene
Concen: 1.049 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.018 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion:104 Resp: 322
Ion Ratio Lower Upper
104 100
78 0.0 39.7 59.5#
103 48.4 43.8 65.6

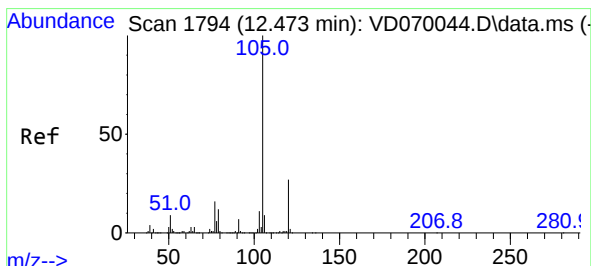
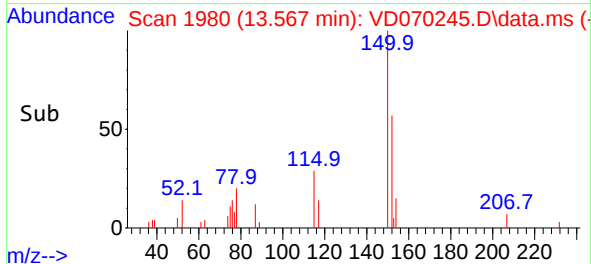
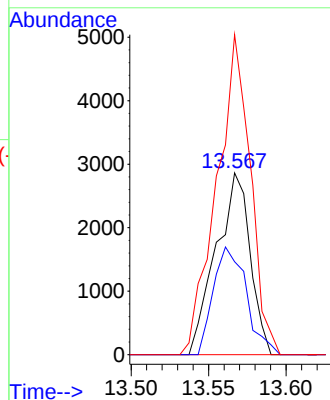
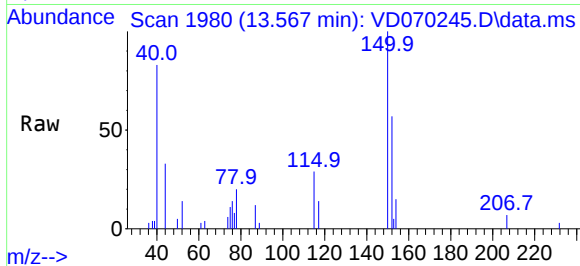




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

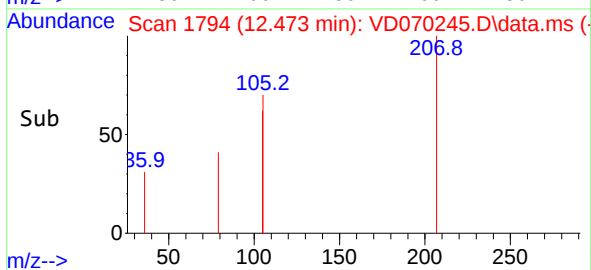
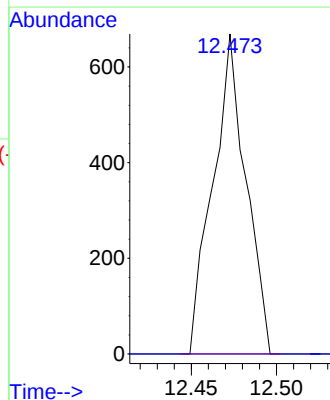
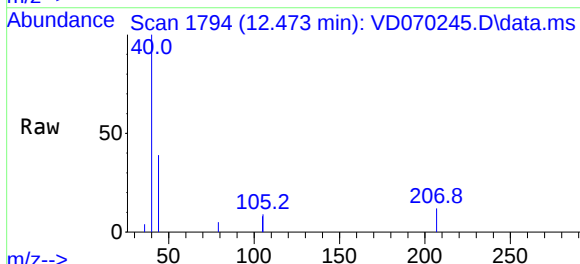
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

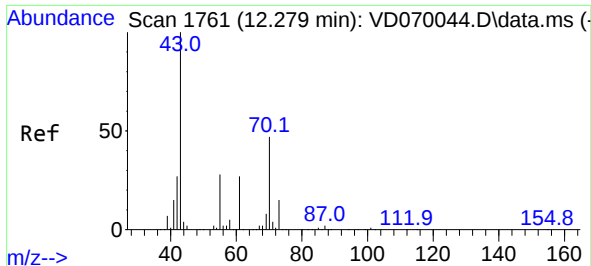
Tgt Ion:152 Resp: 4366
Ion Ratio Lower Upper
152 100
115 57.6 31.2 93.6
150 174.3 0.0 352.0



#73
Isopropylbenzene
Concen: 2.836 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion:105 Resp: 903
Ion Ratio Lower Upper
105 100
120 0.0 13.3 39.8#

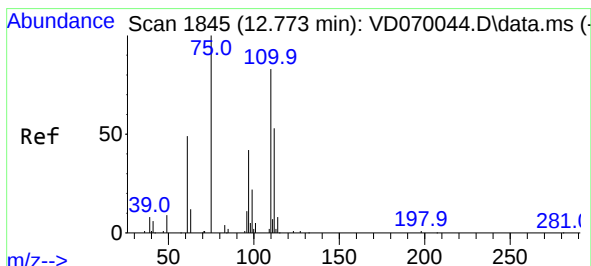
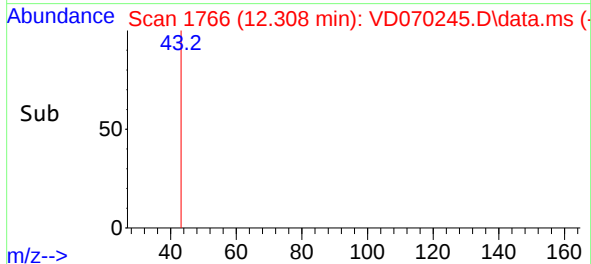
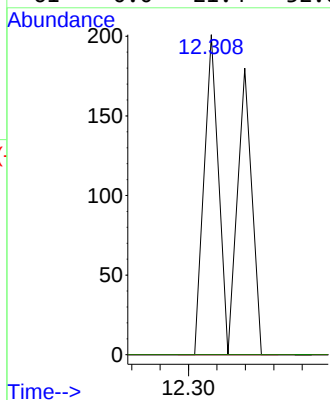
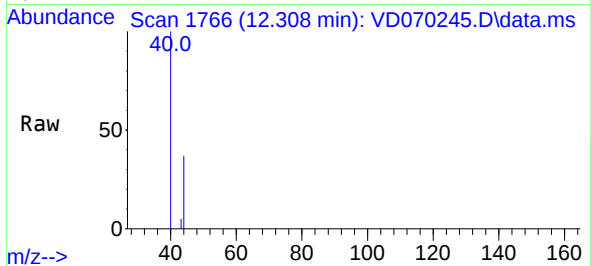




#74
N-amy1 acetate
Concen: 1.952 ug/l
RT: 12.308 min Scan# 1766
Delta R.T. 0.029 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

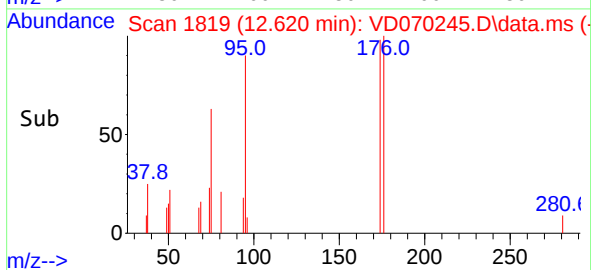
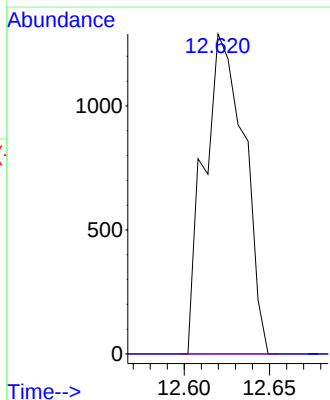
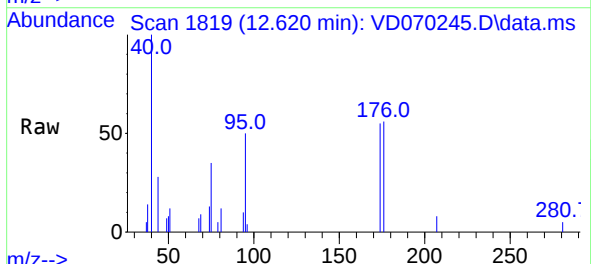
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

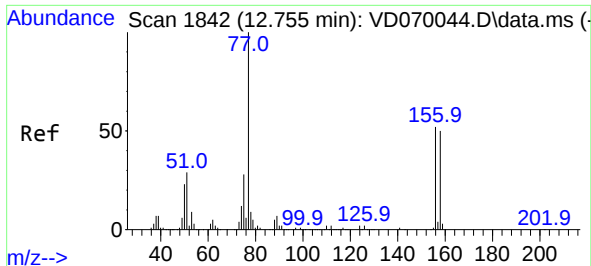
Tgt Ion:	43	Resp:	134
Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.2	55.8#
55	0.0	22.9	34.3#
61	0.0	21.4	32.0#



#76
1,2,3-Trichloropropane
Concen: 47.745 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion:	75	Resp:	2114
Ion	Ratio	Lower	Upper
75	100		
77	0.0	182.4	547.2#

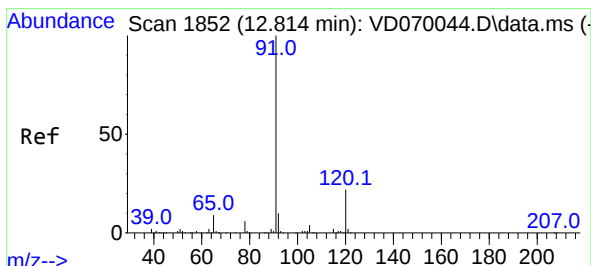
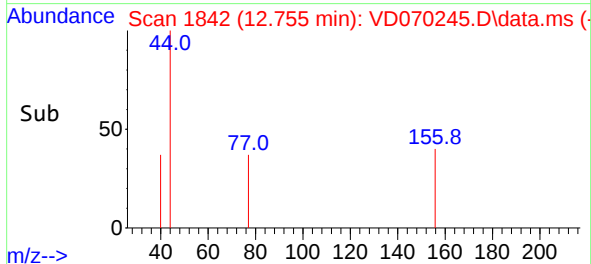
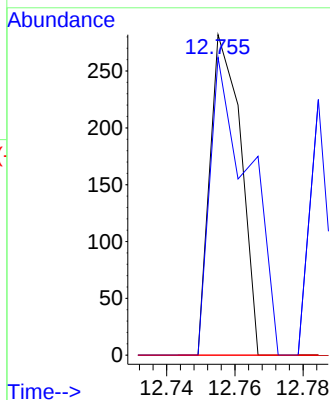
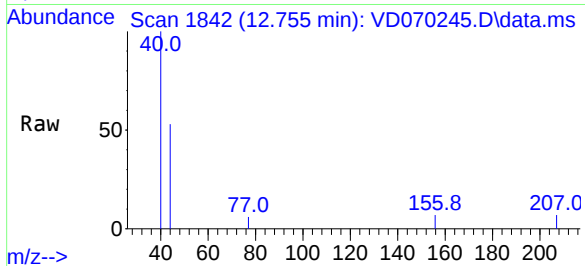




#77
Bromobenzene
Concen: 2.505 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

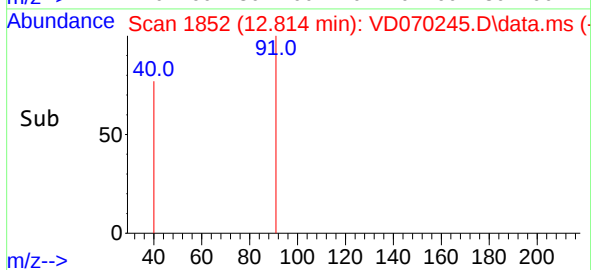
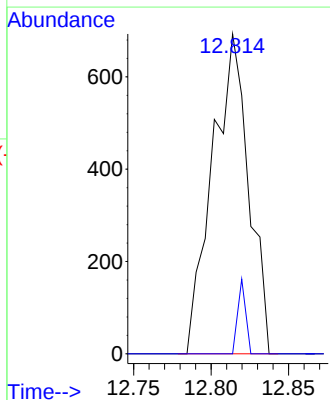
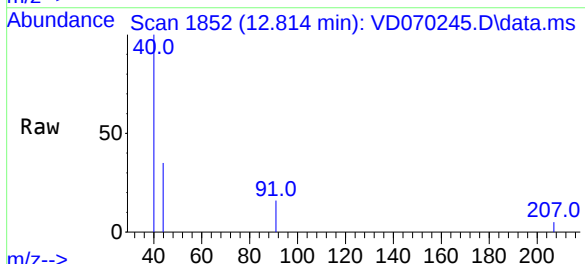
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

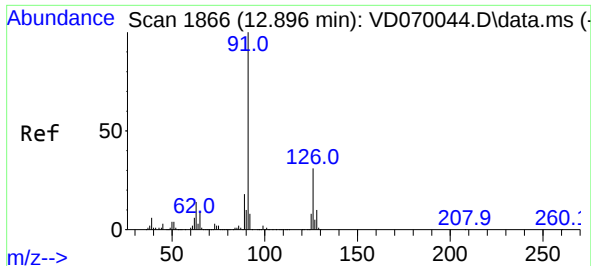
Tgt Ion:	156	Resp:	177
Ion	Ratio	Lower	Upper
156	100		
77	118.1	106.9	320.7
158	0.0	47.6	142.8#



#78
n-propylbenzene
Concen: 2.745 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion:	91	Resp:	1127
Ion	Ratio	Lower	Upper
91	100		
120	5.1	10.9	32.9#

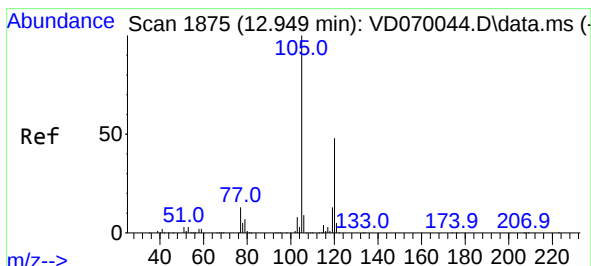
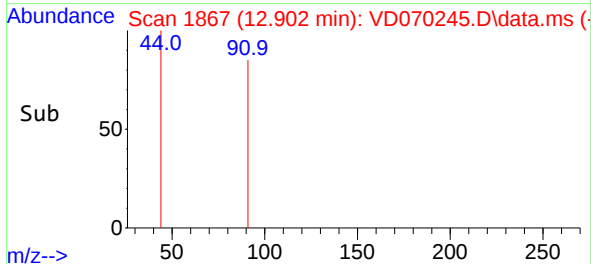
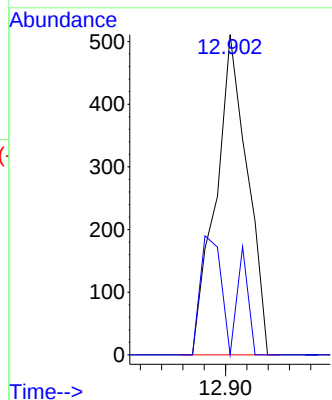
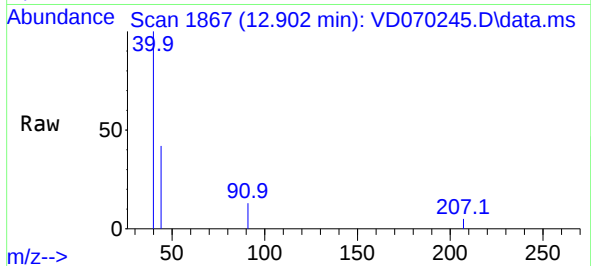




#79
2-Chlorotoluene
Concen: 2.227 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

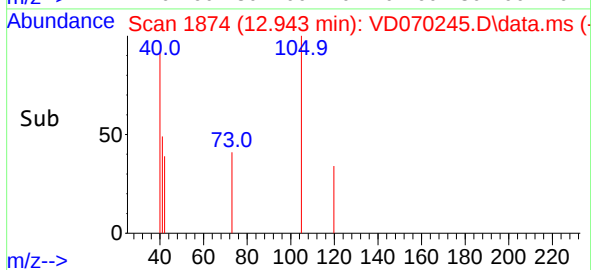
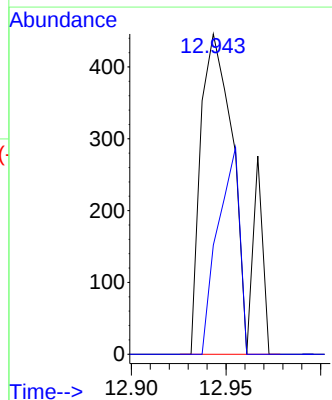
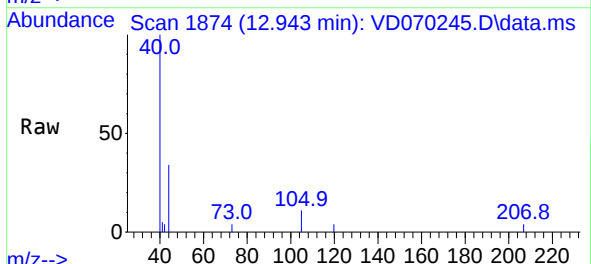
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

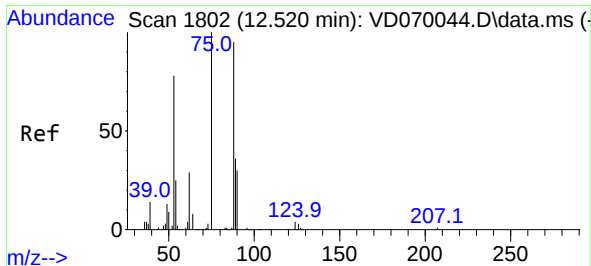
Tgt Ion: 91 Resp: 526
Ion Ratio Lower Upper
91 100
126 35.9 16.0 48.0



#80
1,3,5-Trimethylbenzene
Concen: 2.247 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 105 Resp: 609
Ion Ratio Lower Upper
105 100
120 38.1 24.5 73.5

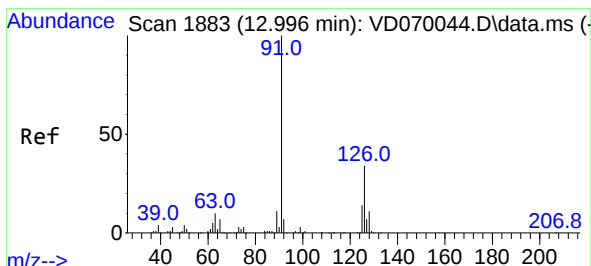
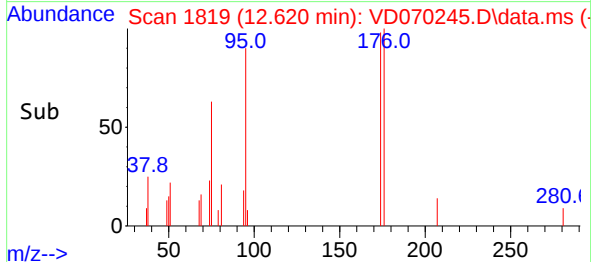
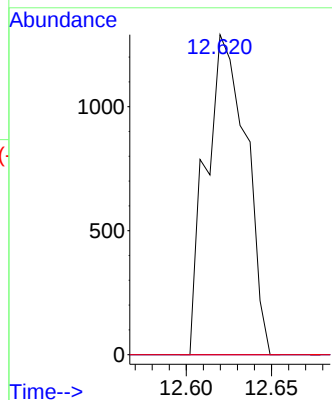
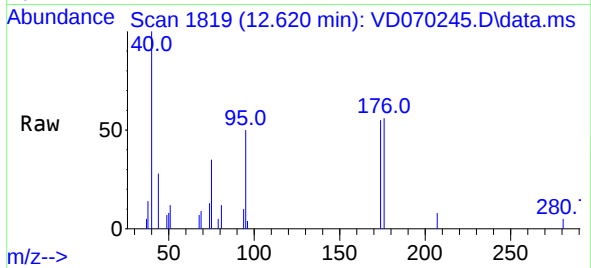




#81
trans-1,4-Dichloro-2-butene
Concen: 123.927 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

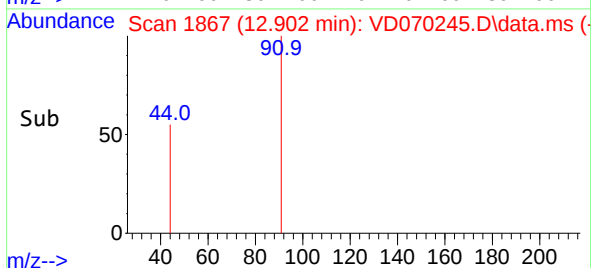
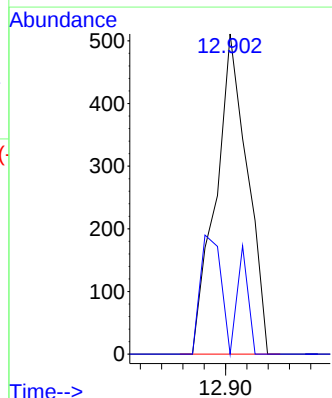
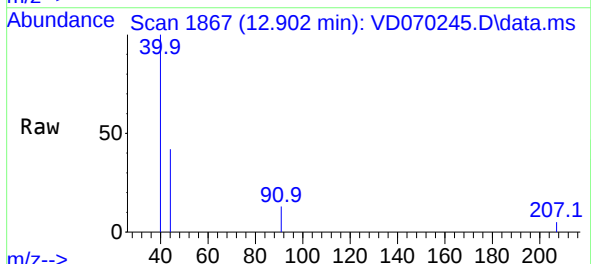
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

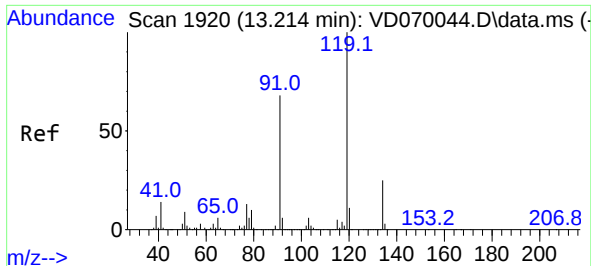
Tgt Ion: 75 Resp: 2114
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 33.7 50.5#



#82
4-Chlorotoluene
Concen: 2.126 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.094 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

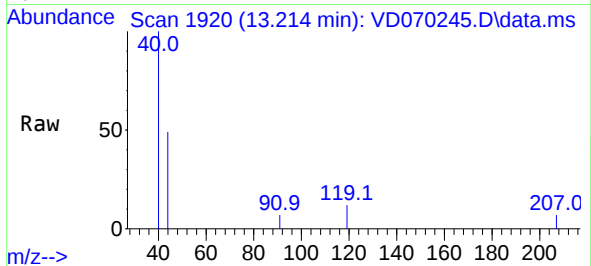
Tgt Ion: 91 Resp: 526
Ion Ratio Lower Upper
91 100
126 35.9 16.3 48.8



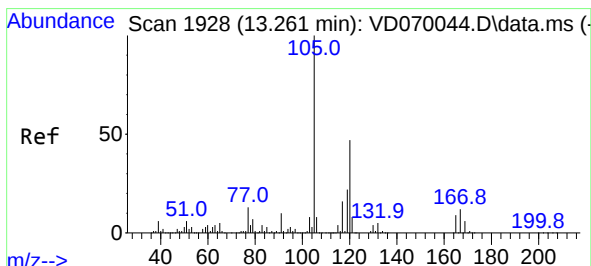
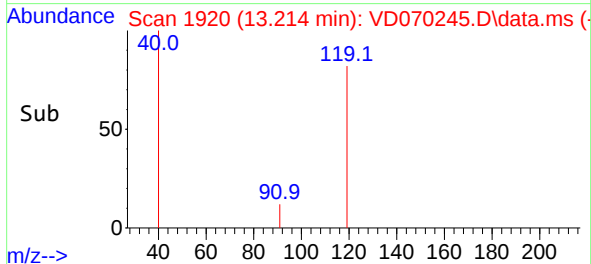
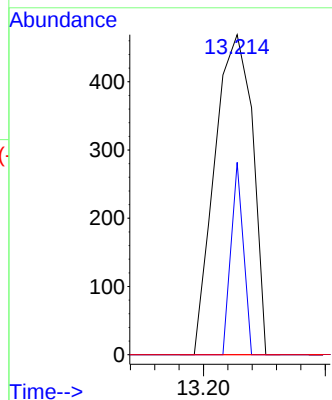


#83
tert-Butylbenzene
Concen: 2.292 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Instrument :
MSVOA_D
ClientSampleId :
130-ARE

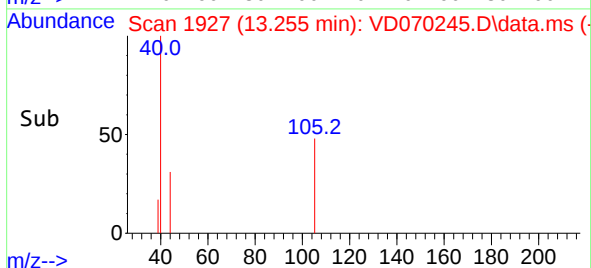
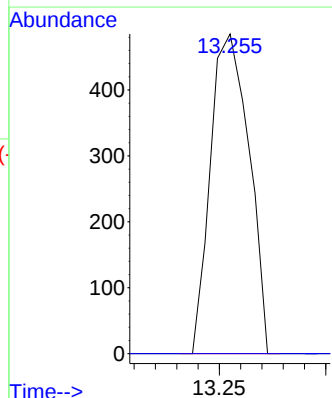
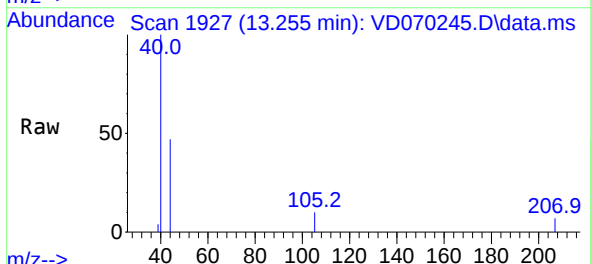


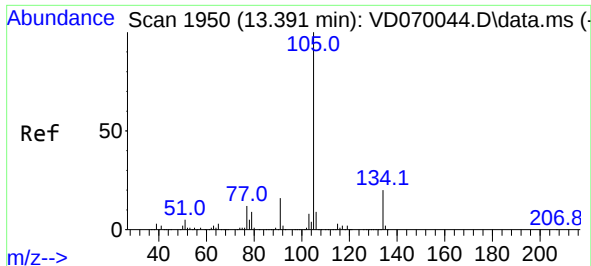
Tgt Ion:119 Resp: 505
Ion Ratio Lower Upper
119 100
91 19.6 34.0 101.8#
134 0.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 2.269 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion:105 Resp: 610
Ion Ratio Lower Upper
105 100
120 0.0 22.5 67.5#

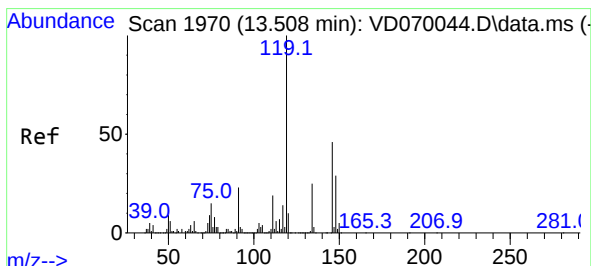
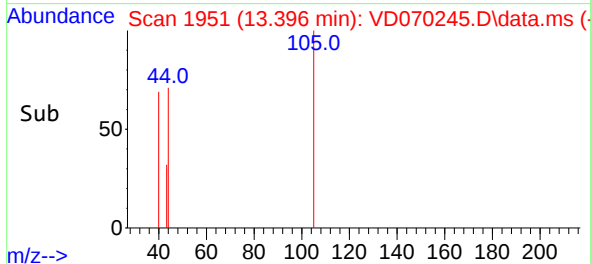
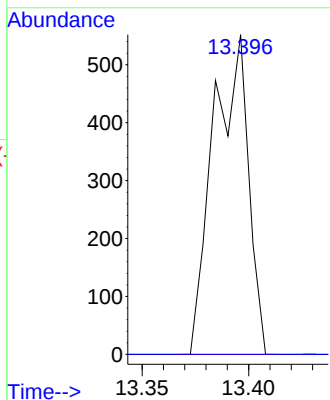
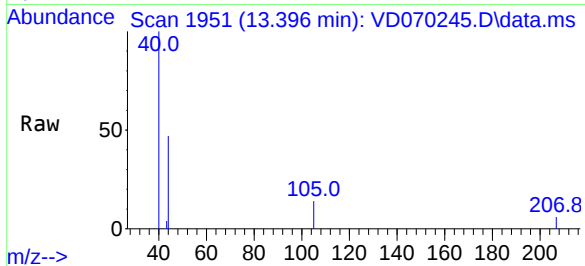




#85
 sec-Butylbenzene
 Concen: 1.779 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.006 min
 Lab File: VD070245.D
 Acq: 25 Aug 2021 12:20

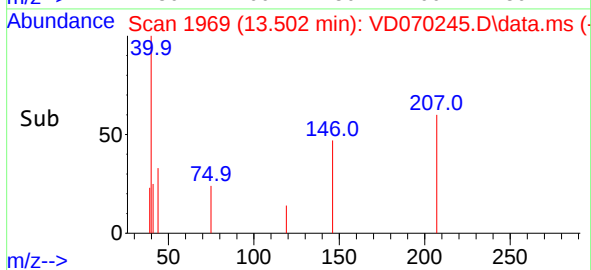
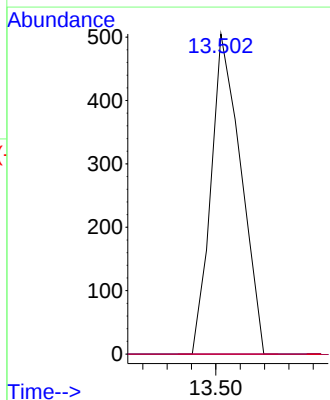
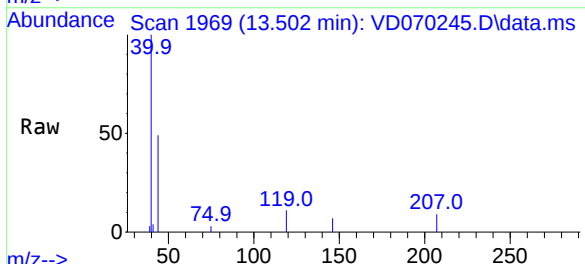
Instrument :
 MSVOA_D
 ClientSampleId :
 130-ARE

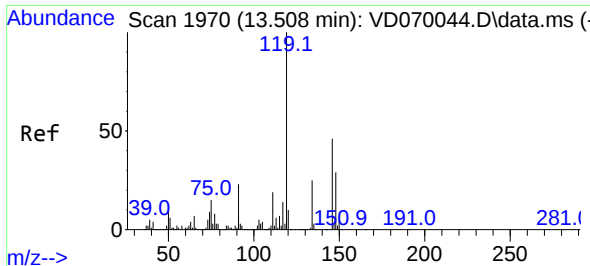
Tgt Ion:105 Resp: 628
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 1.508 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD070245.D
 Acq: 25 Aug 2021 12:20

Tgt Ion:119 Resp: 430
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.8 38.3#
 91 0.0 11.6 34.8#

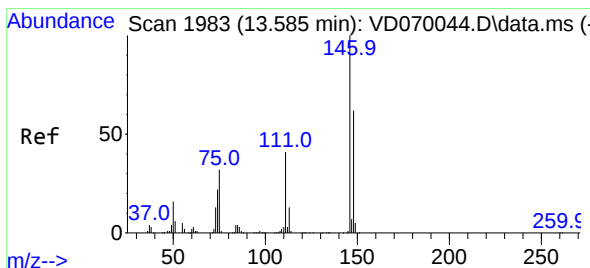
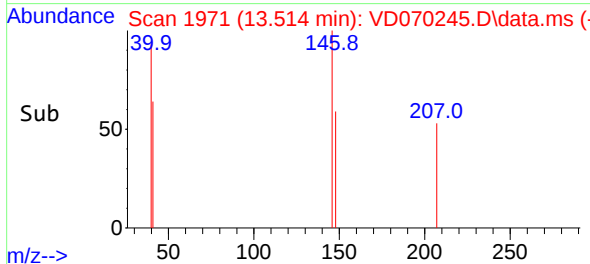
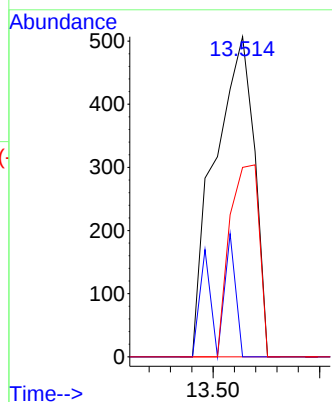
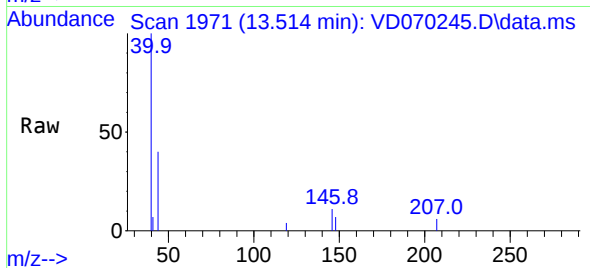




#87
1,3-Dichlorobenzene
Concen: 4.362 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

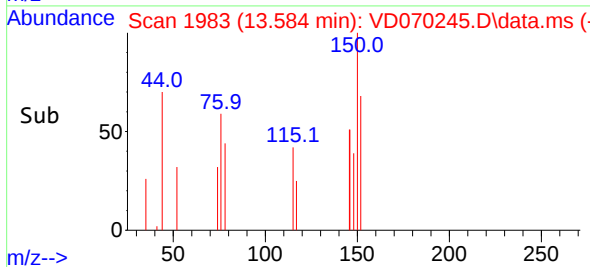
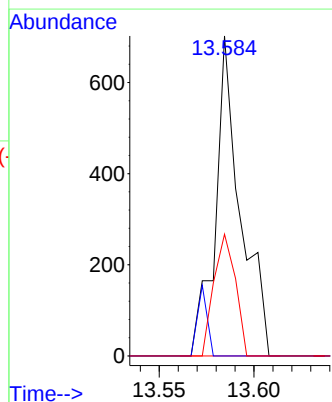
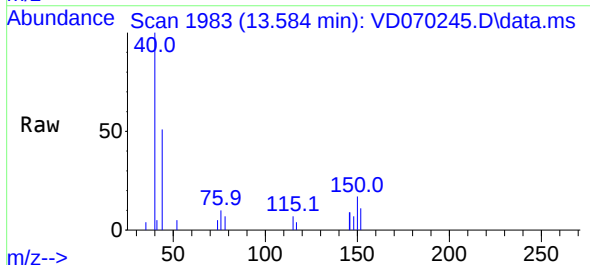
Instrument :
MSVOA_D
ClientSampled :
130-ARE

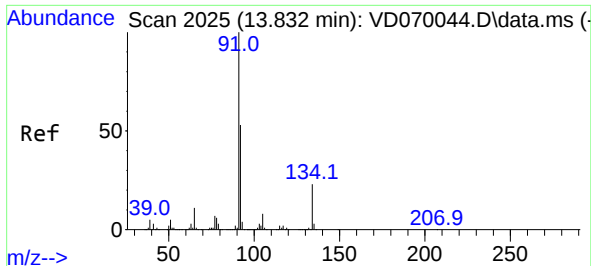
Tgt Ion:146 Resp: 655
Ion Ratio Lower Upper
146 100
111 0.0 21.3 64.0#
148 44.6 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 4.357 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion:146 Resp: 648
Ion Ratio Lower Upper
146 100
111 8.5 20.3 60.8#
148 32.6 31.3 93.9

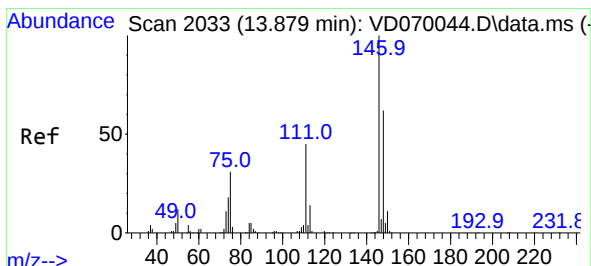
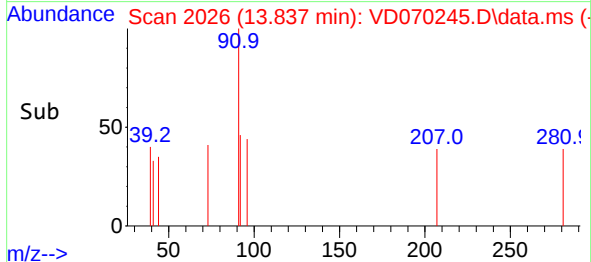
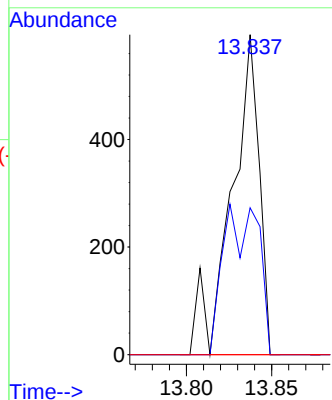
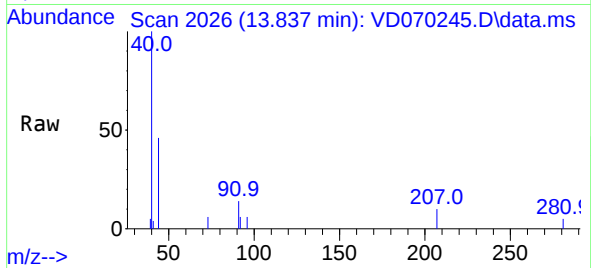




#89
n-Butylbenzene
Concen: 2.412 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

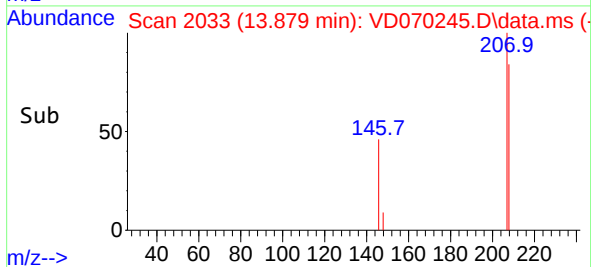
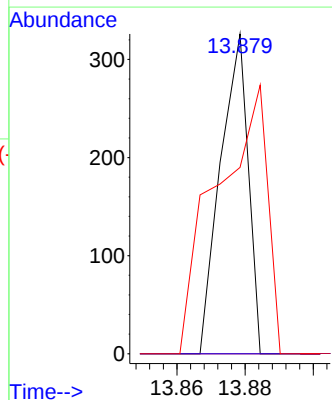
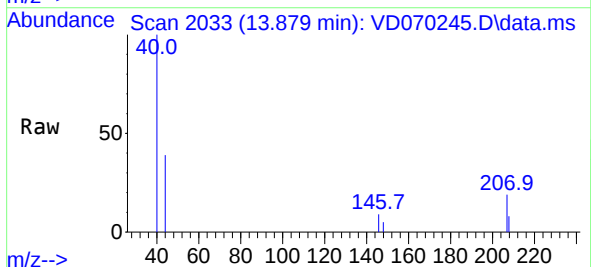
Instrument :
MSVOA_D
ClientSampled :
130-ARE

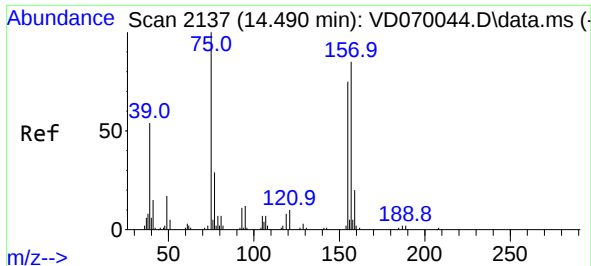
Tgt Ion: 91 Resp: 675
Ion Ratio Lower Upper
91 100
92 59.3 27.1 81.3
134 0.0 11.8 35.3#



#91
1,2-Dichlorobenzene
Concen: 1.430 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 146 Resp: 184
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.2#
148 153.3 31.8 95.4#

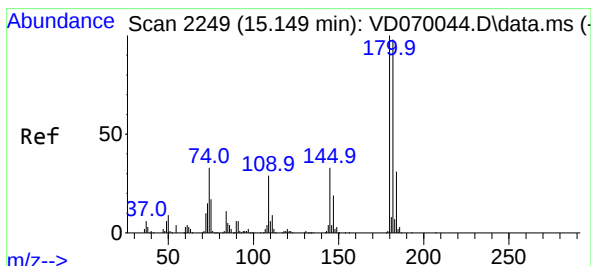
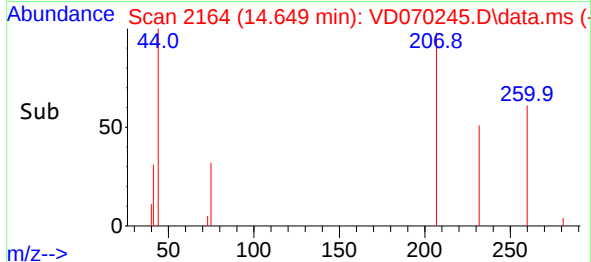
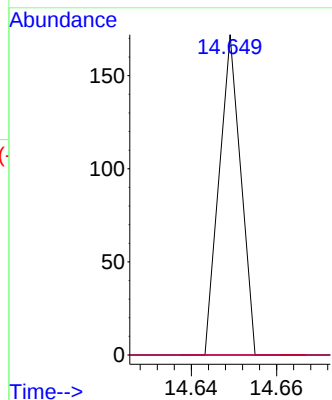
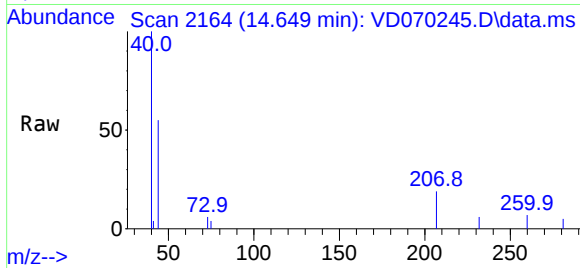




#92
1,2-Dibromo-3-Chloropropane
Concen: 6.429 ug/l
RT: 14.649 min Scan# 2164
Delta R.T. 0.159 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

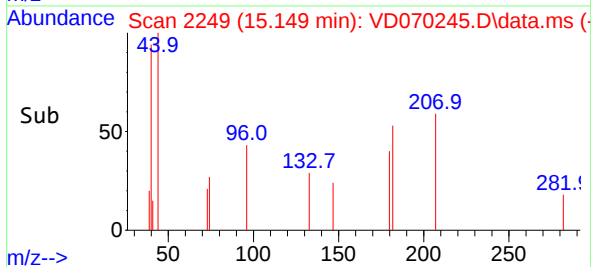
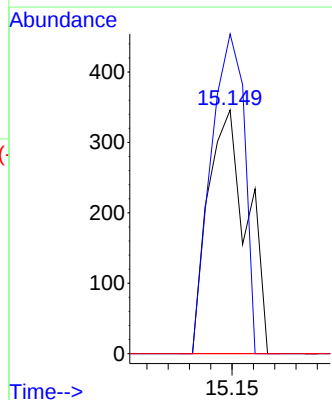
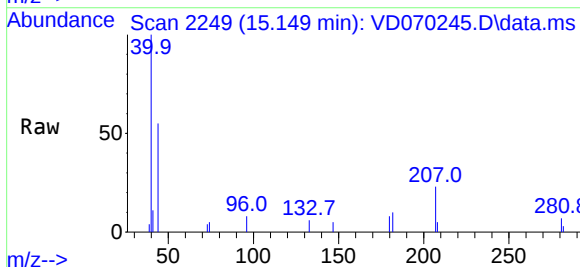
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

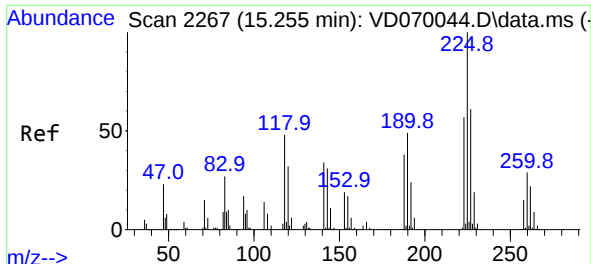
Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
155 0.0 35.3 105.9#
157 0.0 46.8 140.3#



#93
1,2,4-Trichlorobenzene
Concen: 6.136 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion: 180 Resp: 439
Ion Ratio Lower Upper
180 100
182 113.0 47.9 143.6
145 0.0 16.3 48.9#

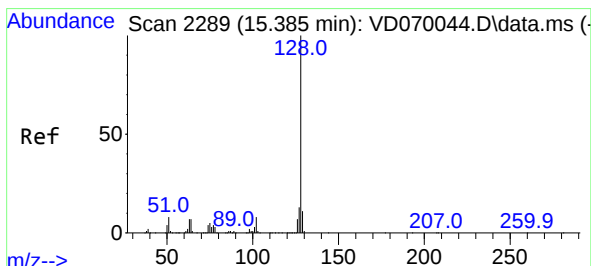
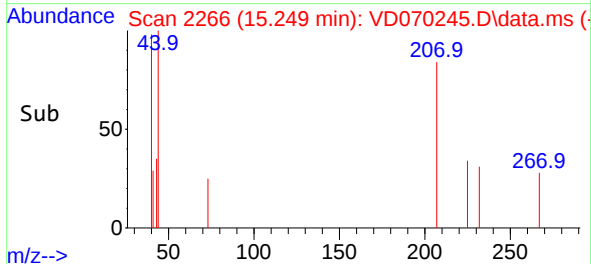
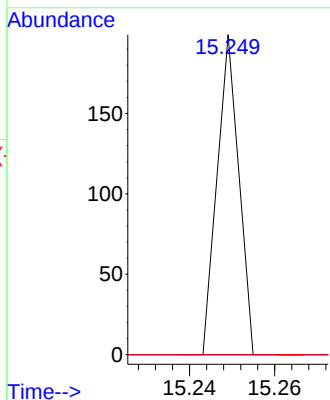
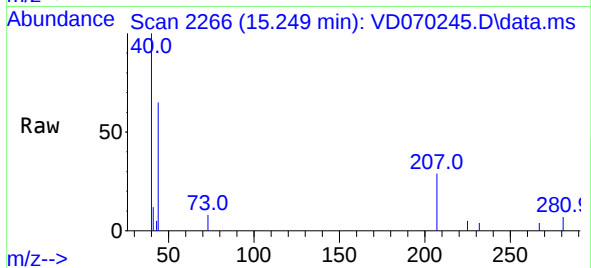




#94
Hexachlorobutadiene
Concen: 1.656 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

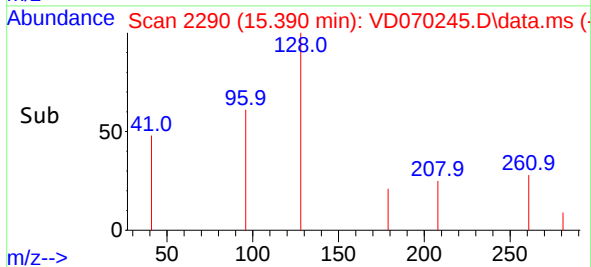
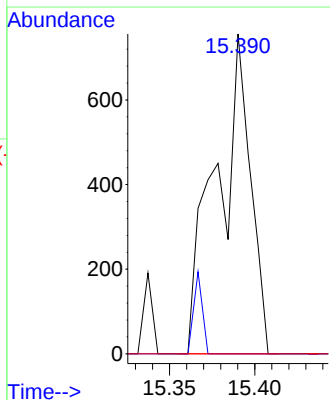
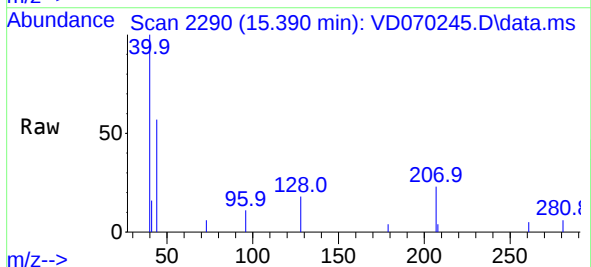
Instrument :
MSVOA_D
ClientSampleId :
130-ARE

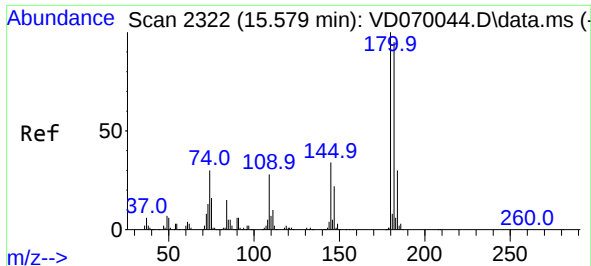
Tgt Ion:	225	Resp:	70
Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.5	91.5#
227	0.0	31.4	94.2#



#95
Naphthalene
Concen: 8.033 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD070245.D
Acq: 25 Aug 2021 12:20

Tgt Ion:	128	Resp:	1046
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.3	12.5#





#96
 1,2,3-Trichlorobenzene
 Concen: 6.020 ug/l
 RT: 15.573 min Scan# 2321
 Delta R.T. -0.006 min
 Lab File: VD070245.D
 Acq: 25 Aug 2021 12:20

Instrument :
 MSVOA_D
 ClientSampleId :
 130-ARE

Tgt Ion:180 Resp: 376
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.9 143.6
 145 0.0 16.8 50.3#

