

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072917.D
 Acq On : 10 May 2022 16:31
 Operator : VA/SY
 Sample : N2769-01
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-051022

Quant Time: May 11 05:52:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	9046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	18198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	17665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	8523	72.583	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.160%
35) Dibromofluoromethane	7.909	113	6559	51.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.640%
50) Toluene-d8	10.326	98	22597	49.289	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.626	95	13040	76.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	152.560%#
Target Compounds						
						Qvalue
3) Chloromethane	2.209	50	361	2.777	ug/l	91
5) Bromomethane	2.803	94	500	5.597	ug/l #	41
10) Methyl Iodide	4.321	142	255	2.095	ug/l #	38
11) Tert butyl alcohol	5.173	59	69	6.792	ug/l #	74
16) Acetone	4.144	43	203	Below Cal	#	47
20) Methylene Chloride	4.973	84	367	Below Cal	#	30
25) 2-Butanone	7.185	43	167	4.881	ug/l #	52
27) cis-1,2-Dichloroethene	7.197	96	144	1.005	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	882	4.244	ug/l #	48
37) Ethyl Acetate	7.185	43	167	1.748	ug/l #	72
38) Carbon Tetrachloride	7.973	117	1134	5.257	ug/l #	13
41) Methacrylonitrile	7.562	41	87	1.529	ug/l #	27
46) Dibromomethane	9.444	93	209	2.404	ug/l #	15
48) Methyl methacrylate	9.432	41	155	1.797	ug/l #	1
51) 4-Methyl-2-Pentanone	10.226	43	609	6.647	ug/l #	39
55) 1,1,2-Trichloroethane	10.791	97	959	8.160	ug/l #	38
56) Ethyl methacrylate	10.650	69	1500	10.840	ug/l #	75
59) 2-Hexanone	10.955	43	367	5.953	ug/l #	27
60) Dibromochloromethane	11.079	129	601	4.062	ug/l	66
61) 1,2-Dibromoethane	11.273	107	564	4.930	ug/l	88
65) Chlorobenzene	11.673	112	601	1.471	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.579	131	1288	8.388	ug/l	67
67) Ethyl Benzene	11.755	91	1992	2.817	ug/l #	44
68) m/p-Xylenes	11.838	106	721	2.647	ug/l #	1
69) o-Xylene	12.150	106	409	1.608	ug/l	55
70) Styrene	12.173	104	1801	4.086	ug/l #	60
71) Bromoform	12.391	173	1033	12.413	ug/l #	96
73) Isopropylbenzene	12.479	105	2284	2.545	ug/l	78
74) N-amyl acetate	12.302	43	1006	4.501	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.720	83	40918	225.844	ug/l #	25
76) 1,2,3-Trichloropropane	12.620	75	5241	40.744	ug/l #	100
77) Bromobenzene	12.867	156	239	1.121	ug/l	74
78) n-propylbenzene	12.867	91	1323	1.170	ug/l	90
79) 2-Chlorotoluene	12.914	91	694	1.050	ug/l	91
80) 1,3,5-Trimethylbenzene	12.979	105	791	1.039	ug/l	80
81) trans-1,4-Dichloro-2-b...	12.485	75	193	3.450	ug/l #	1

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

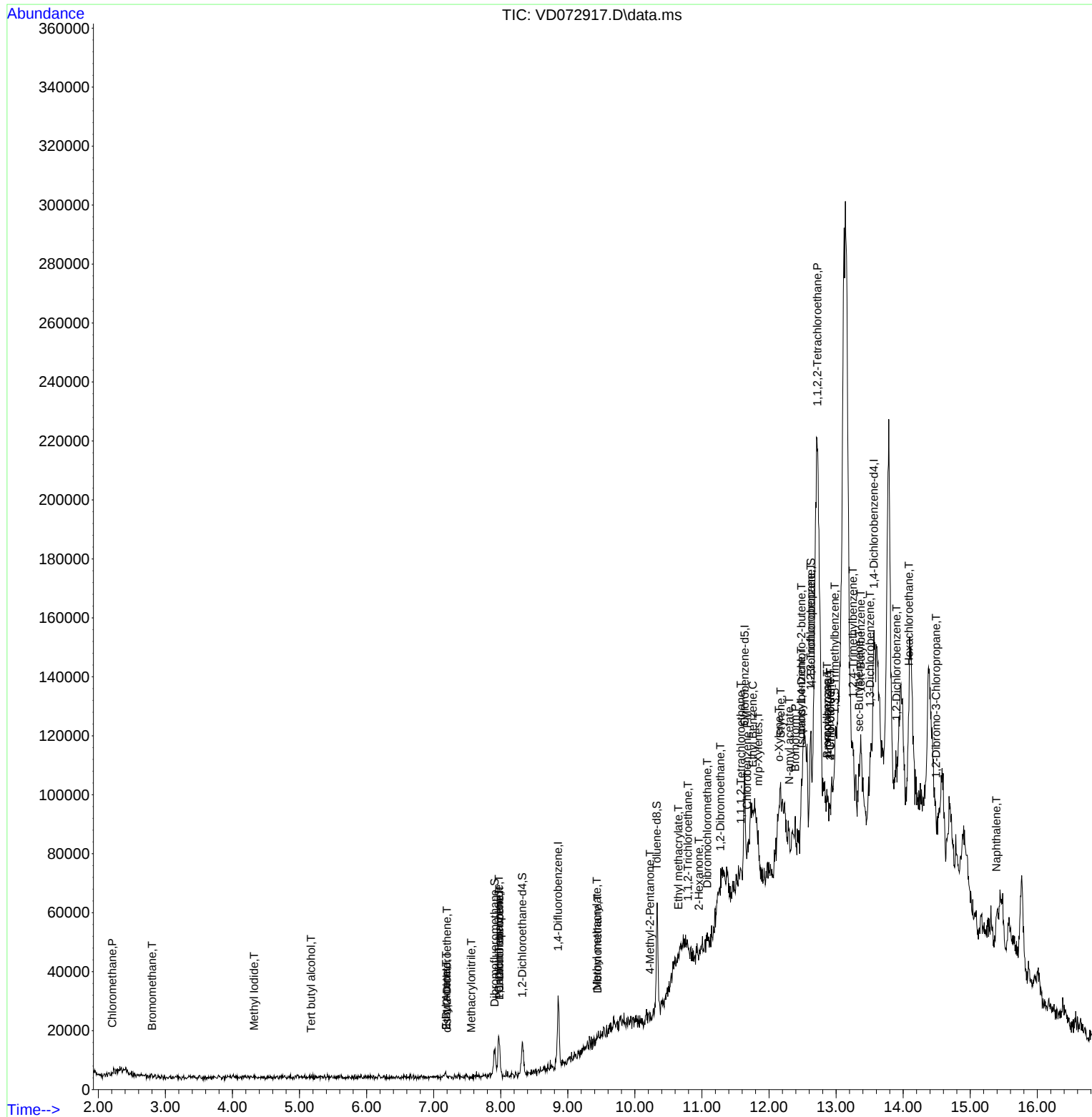
82) 4-Chlorotoluene	12.914	91	694	1.005	ug/l	92
83) tert-Butylbenzene	13.367	119	1443	2.230	ug/l	81
84) 1,2,4-Trimethylbenzene	13.249	105	1485	1.952	ug/l	70
85) sec-Butylbenzene	13.344	105	1217	1.247	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	715	1.665	ug/l #	25
90) Hexachloroethane	14.085	117	617	3.764	ug/l #	28
91) 1,2-Dichlorobenzene	13.902	146	1696	4.532	ug/l #	63
92) 1,2-Dibromo-3-Chloropr...	14.491	75	84	2.925	ug/l #	1
95) Naphthalene	15.391	128	1206	2.960	ug/l #	1

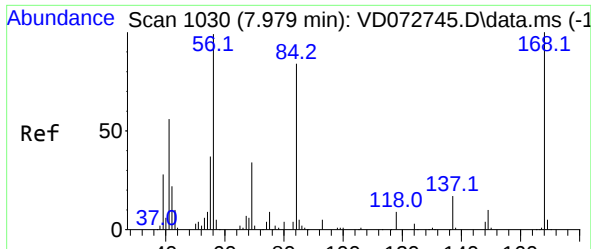
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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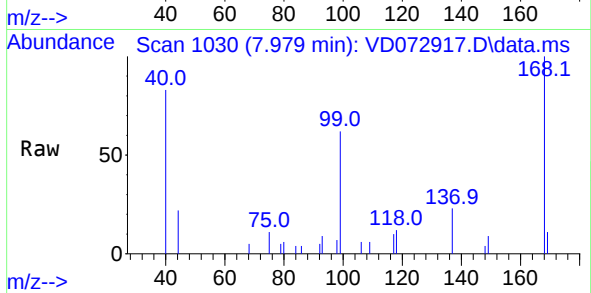
Quant Time: May 11 05:52:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
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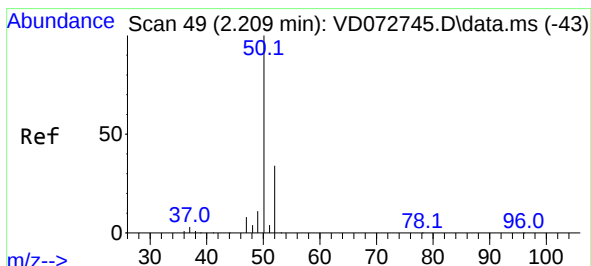
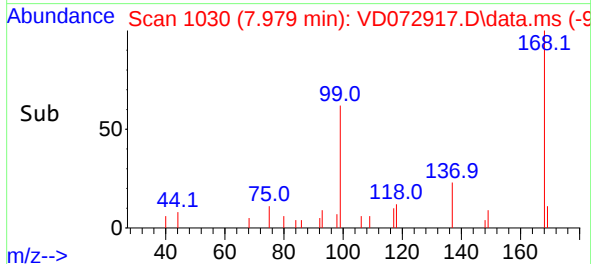
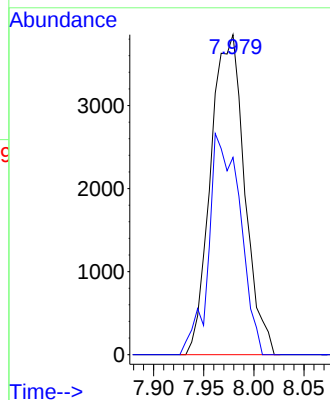


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

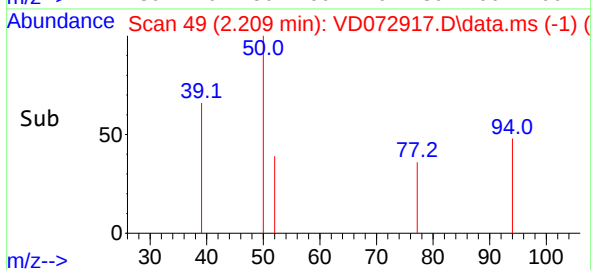
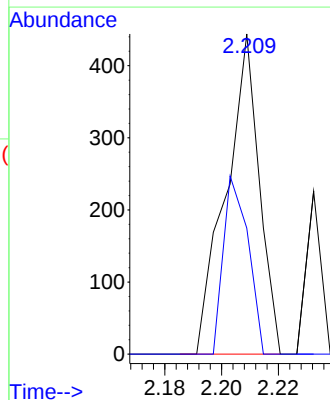
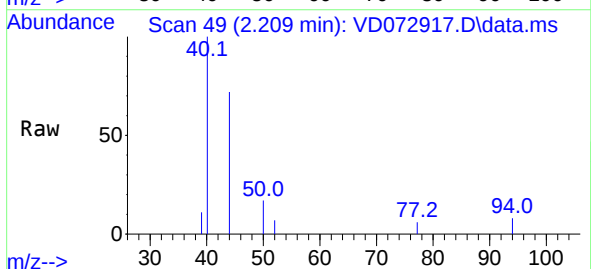


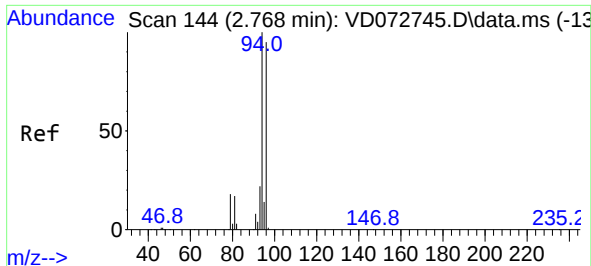
Tgt Ion:168 Resp: 9046
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#3
Chloromethane
Concen: 2.777 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 50 Resp: 361
Ion Ratio Lower Upper
50 100
52 39.4 27.4 41.0

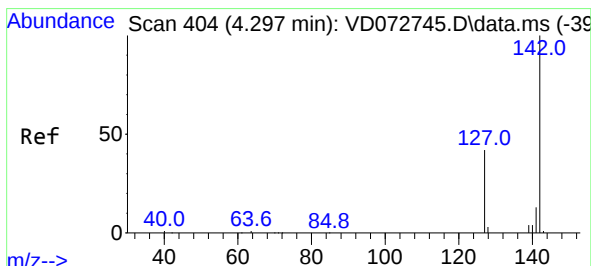
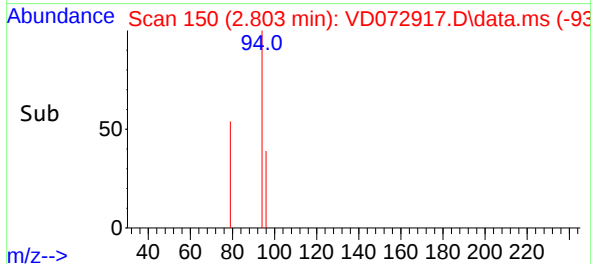
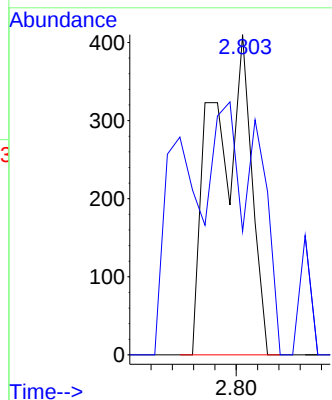
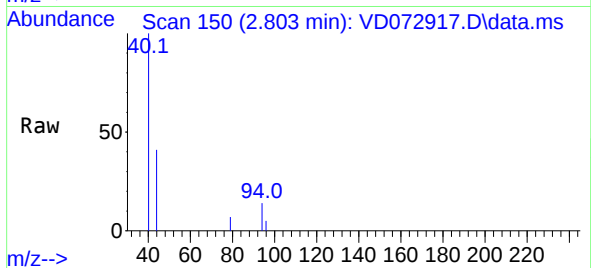




#5
Bromomethane
Concen: 5.597 ug/l
RT: 2.803 min Scan# 11
Delta R.T. 0.035 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

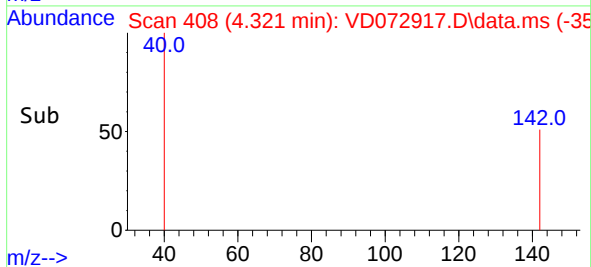
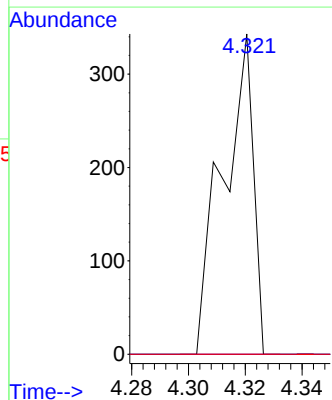
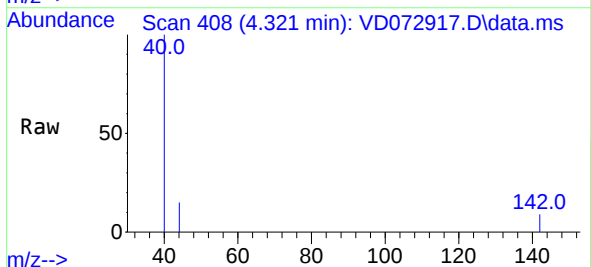
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

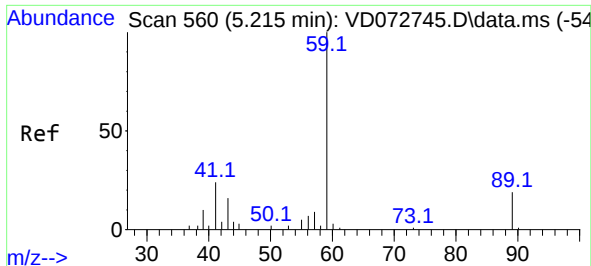
Tgt Ion: 94 Resp: 500
Ion Ratio Lower Upper
94 100
96 38.5 77.6 116.4#



#10
Methyl Iodide
Concen: 2.095 ug/l
RT: 4.321 min Scan# 408
Delta R.T. 0.024 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion:142 Resp: 255
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 6.792 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.042 min

Lab File: VD072917.D

Acq: 10 May 2022 16:31

Instrument :

MSVOA_D

ClientSampleId :

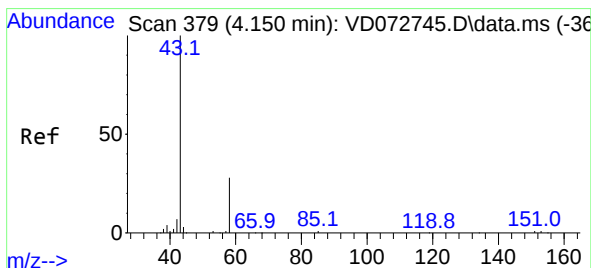
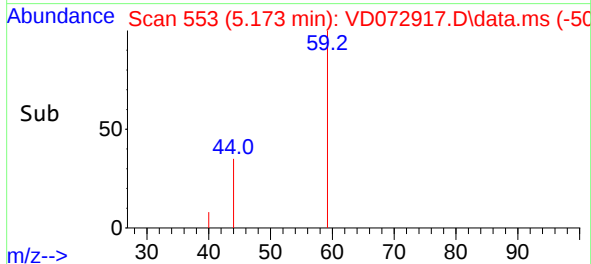
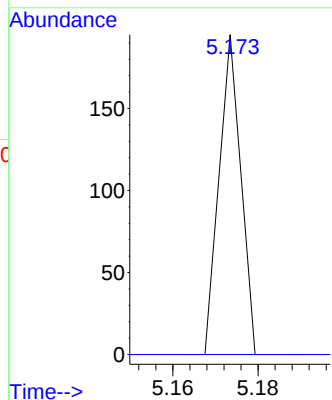
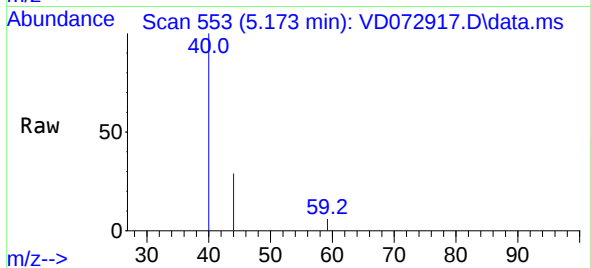
CL-02-051022

Tgt Ion: 59 Resp: 69

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: Below Cal

RT: 4.144 min Scan# 378

Delta R.T. -0.006 min

Lab File: VD072917.D

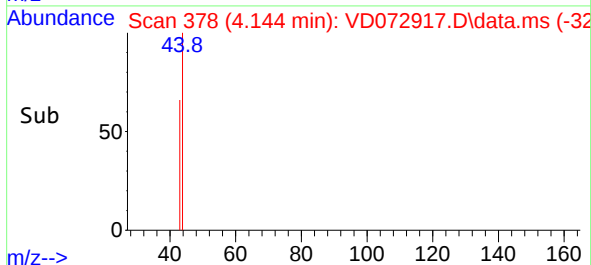
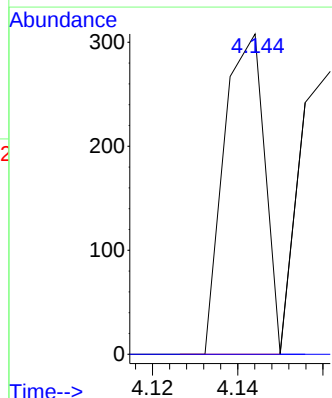
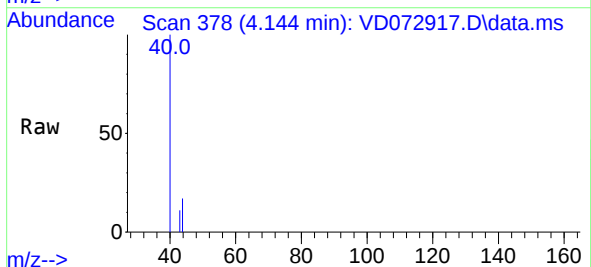
Acq: 10 May 2022 16:31

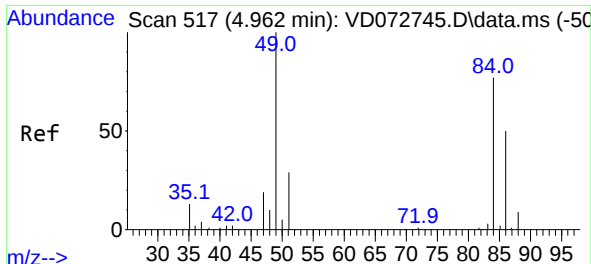
Tgt Ion: 43 Resp: 203

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#



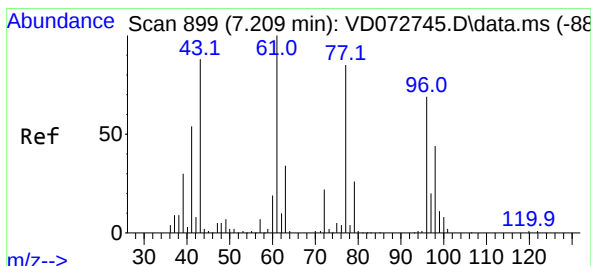
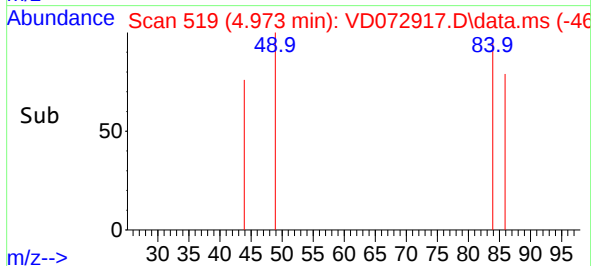
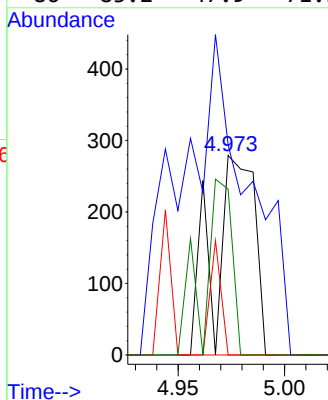
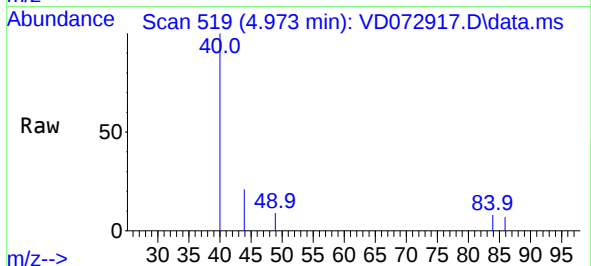


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

Tgt Ion: 84 Resp: 367

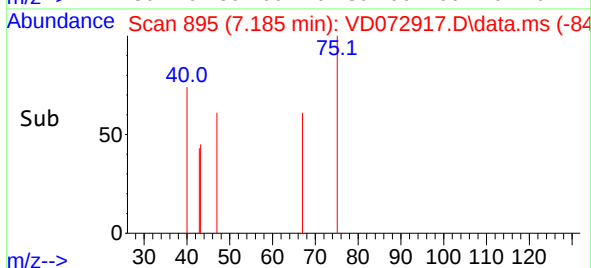
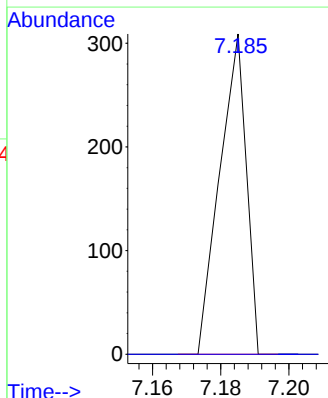
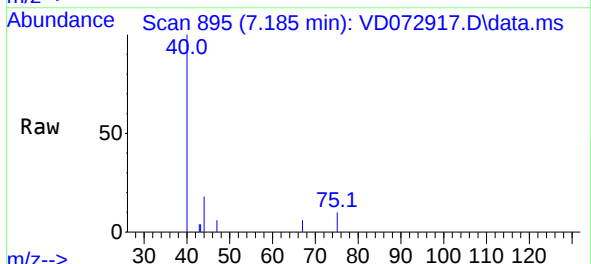
Ion	Ratio	Lower	Upper
84	100		
49	33.0	112.8	169.2#
51	0.0	32.6	48.8#
86	83.2	47.9	71.9#

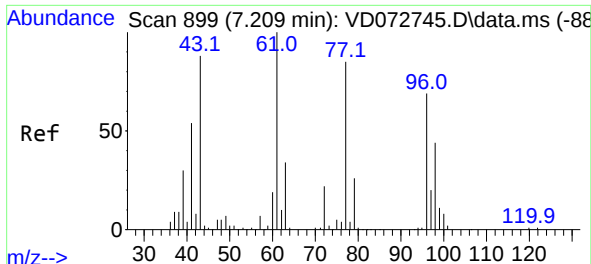


#25
2-Butanone
Concen: 4.881 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.024 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 43 Resp: 167

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

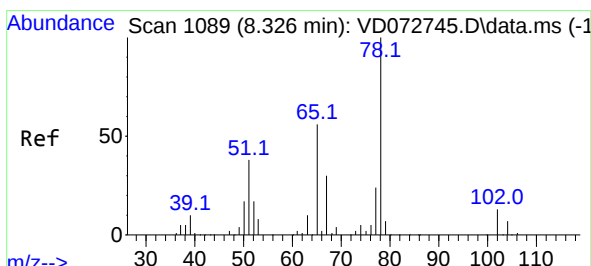
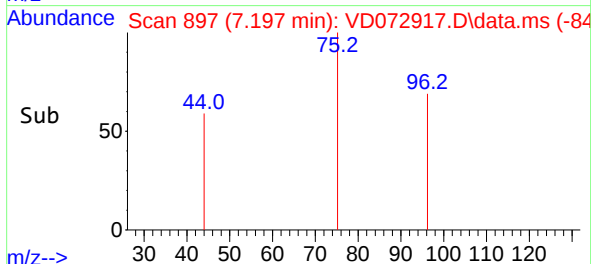
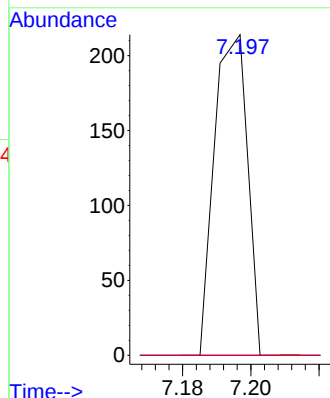
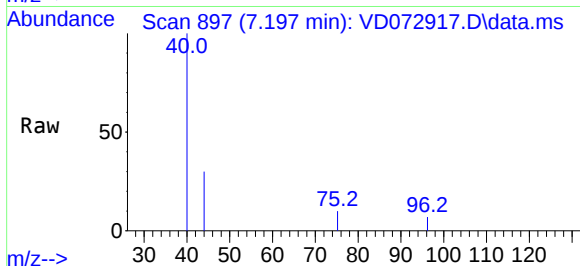




#27
cis-1,2-Dichloroethene
Concen: 1.005 ug/l
RT: 7.197 min Scan# 899
Delta R.T. -0.012 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

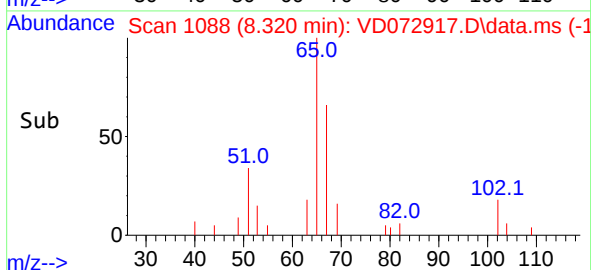
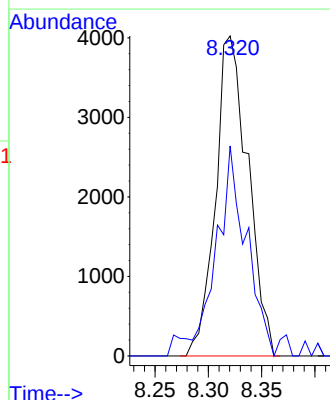
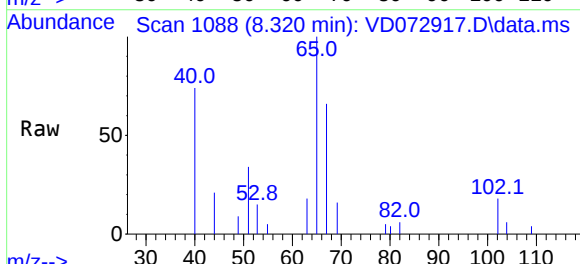
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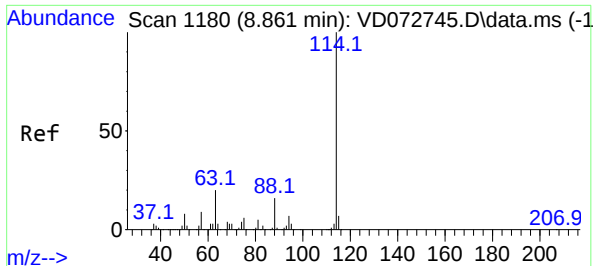
Tgt Ion: 96	Resp:	144
Ion	Ratio	Lower Upper
96	100	
61	0.0	0.0 313.8
98	0.0	0.0 128.8



#33
1,2-Dichloroethane-d4
Concen: 72.583 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 65	Resp:	8523
Ion	Ratio	Lower Upper
65	100	
67	62.8	0.0 101.4

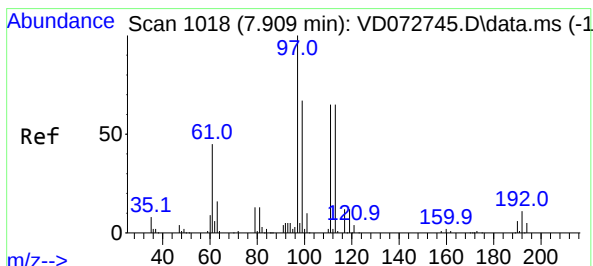
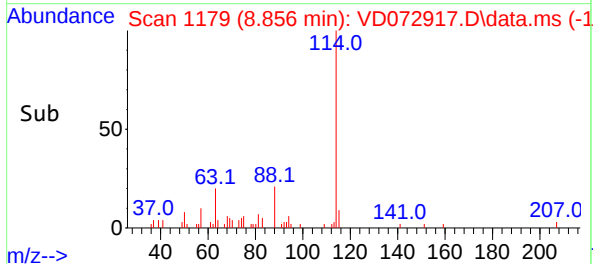
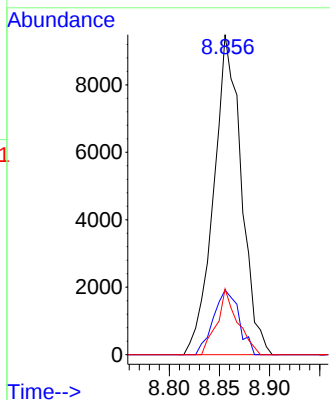
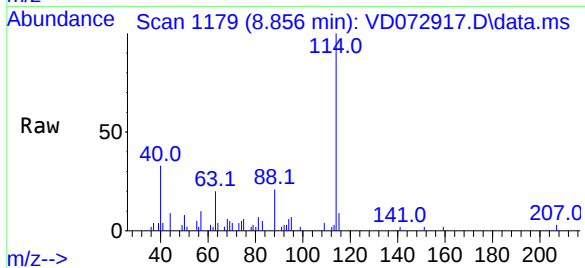




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

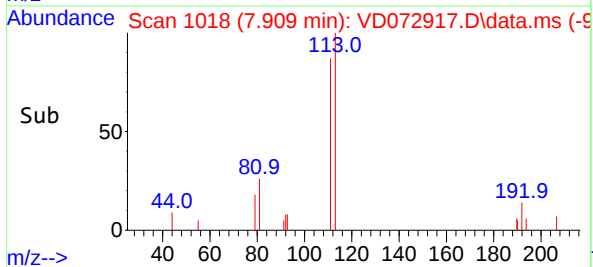
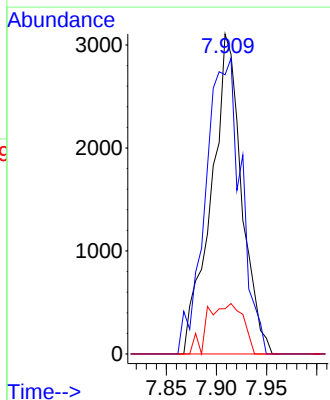
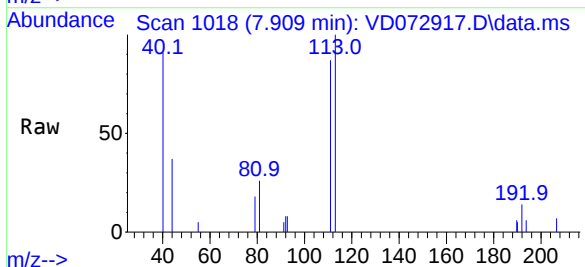
Instrument :
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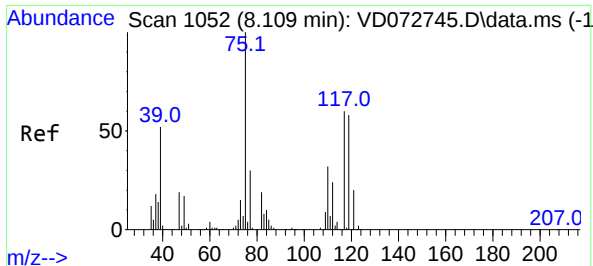
Tgt Ion:	114	Resp:	18198
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	46.6
88	20.6	0.0	33.2



#35
Dibromofluoromethane
Concen: 51.320 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion:	113	Resp:	6559
Ion	Ratio	Lower	Upper
113	100		
111	108.2	83.8	125.6
192	18.3	14.6	21.8





#36

1,1-Dichloropropene

Concen: 4.244 ug/l

RT: 7.979 min Scan# 1

Delta R.T. -0.130 min

Lab File: VD072917.D

Acq: 10 May 2022 16:31

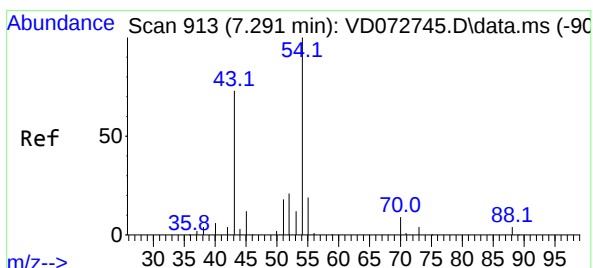
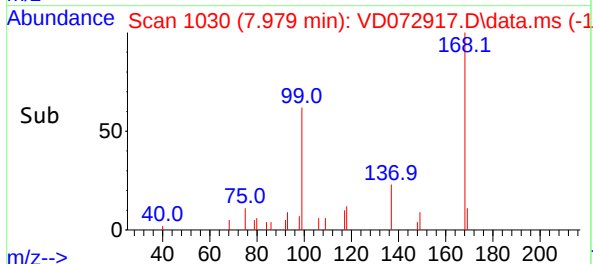
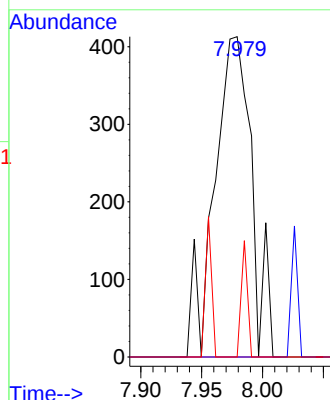
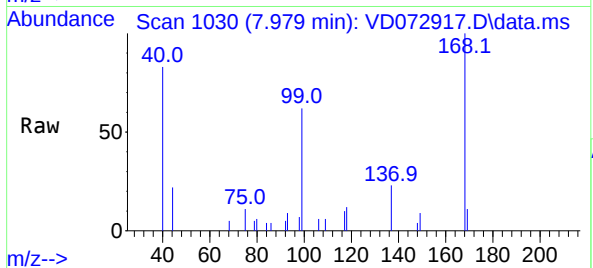
Instrument :

MSVOA_D

ClientSampleId :

CL-02-051022

Tgt Ion: 75	Resp: 882
Ion Ratio	Lower Upper
75 100	
110 0.0	16.4 49.1#
77 6.0	24.2 36.2#



#37

Ethyl Acetate

Concen: 1.748 ug/l

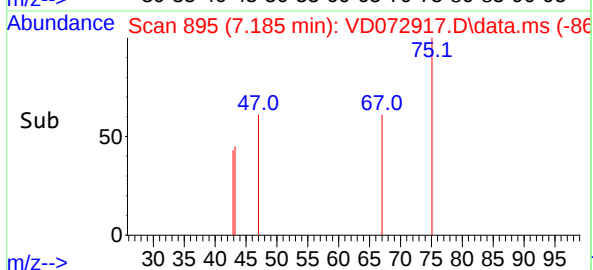
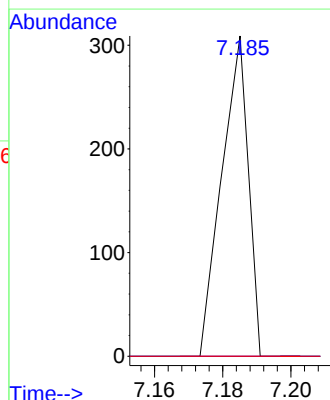
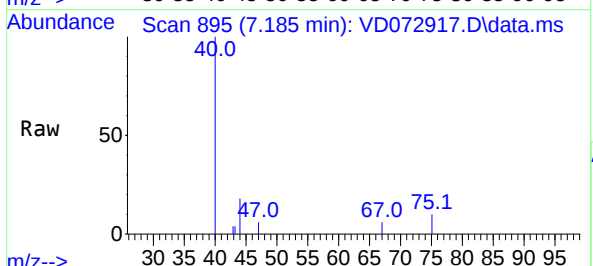
RT: 7.185 min Scan# 895

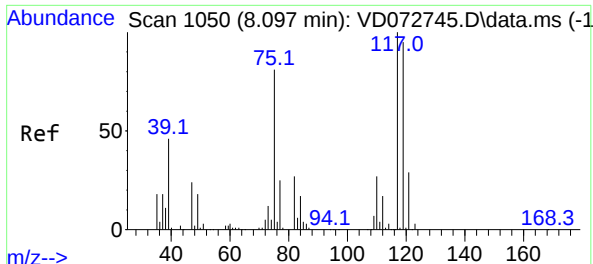
Delta R.T. -0.106 min

Lab File: VD072917.D

Acq: 10 May 2022 16:31

Tgt Ion: 43	Resp: 167
Ion Ratio	Lower Upper
43 100	
61 0.0	9.8 14.8#
70 0.0	6.9 10.3#

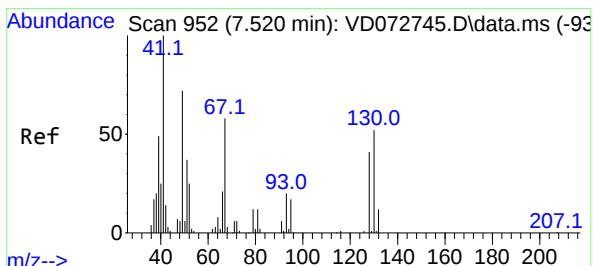
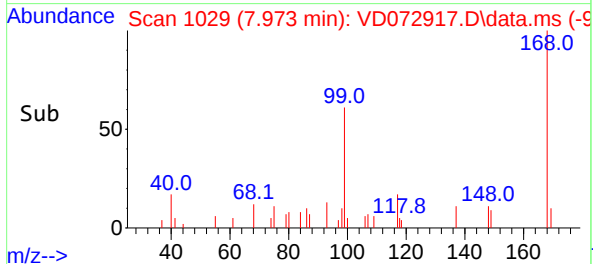
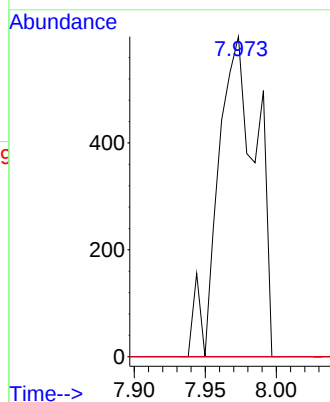
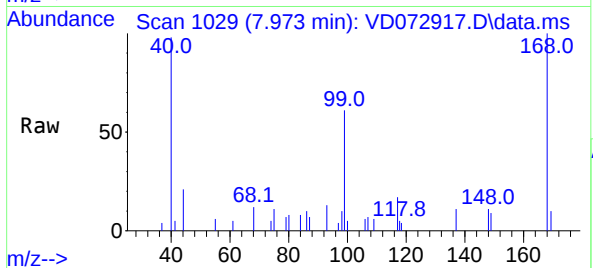




#38
Carbon Tetrachloride
Concen: 5.257 ug/l
RT: 7.973 min Scan# 1134
Delta R.T. -0.124 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

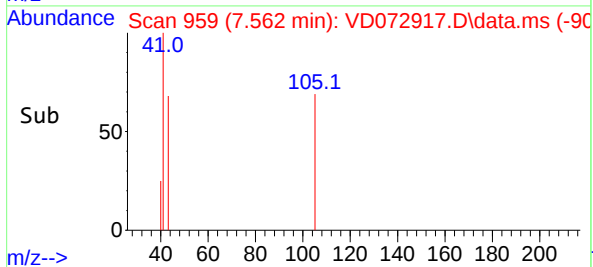
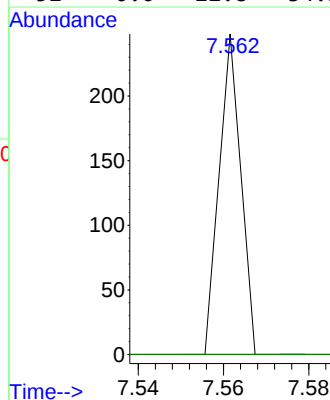
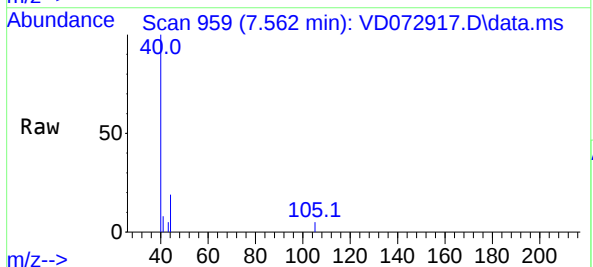
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

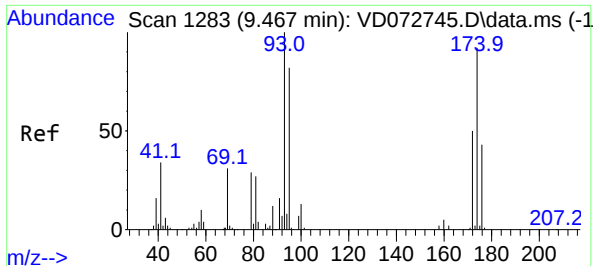
Tgt Ion:117 Resp: 1134
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#41
Methacrylonitrile
Concen: 1.529 ug/l
RT: 7.562 min Scan# 959
Delta R.T. 0.042 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 41 Resp: 87
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0#
67 0.0 48.2 72.4#
52 0.0 22.8 34.2#

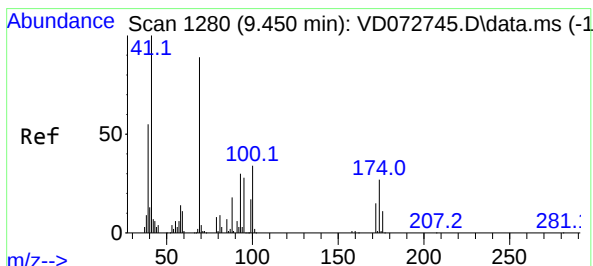
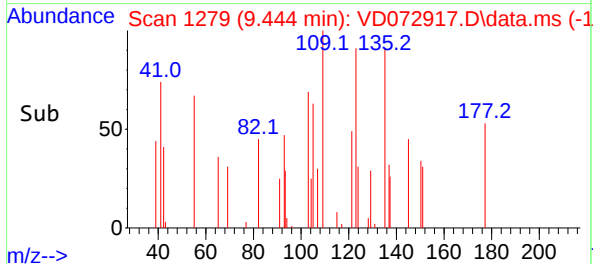
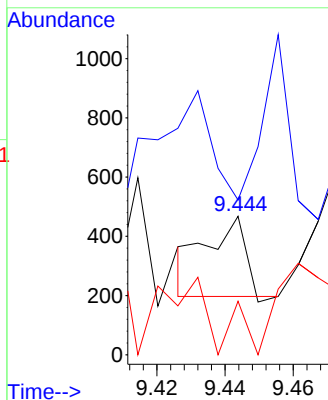
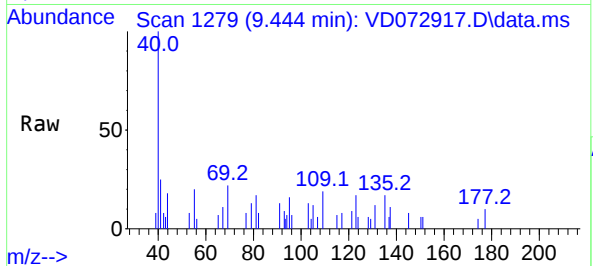




#46
Dibromomethane
Concen: 2.404 ug/l
RT: 9.444 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

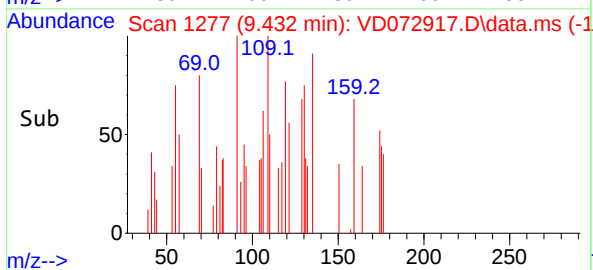
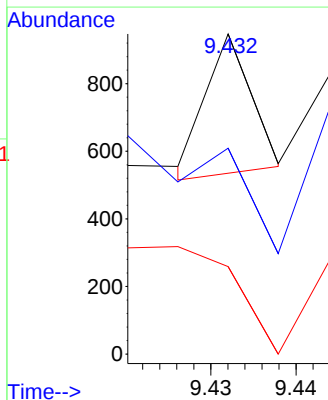
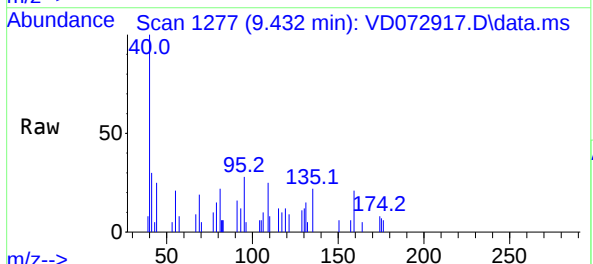
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

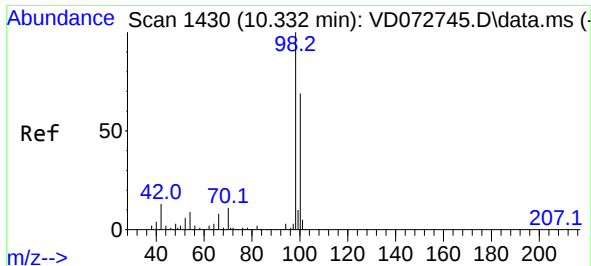
Tgt Ion: 93 Resp: 209
Ion Ratio Lower Upper
93 100
95 157.9 66.7 100.1#
174 170.8 71.6 107.4#



#48
Methyl methacrylate
Concen: 1.797 ug/l
RT: 9.432 min Scan# 1277
Delta R.T. -0.018 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 41 Resp: 155
Ion Ratio Lower Upper
41 100
69 289.7 56.7 85.1#
39 203.2 42.7 64.1#

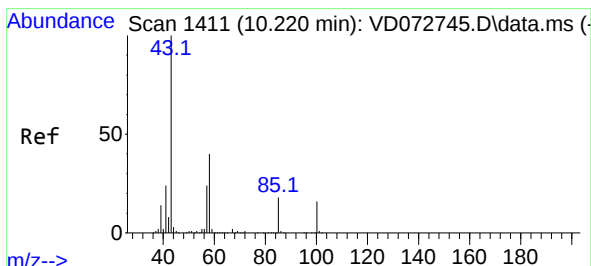
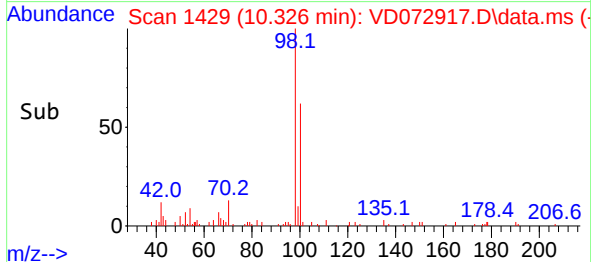
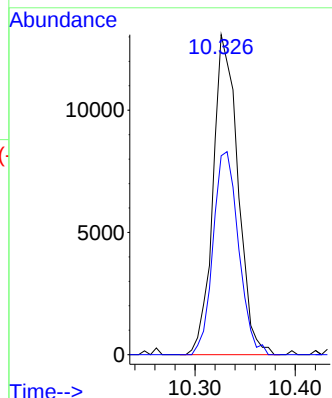
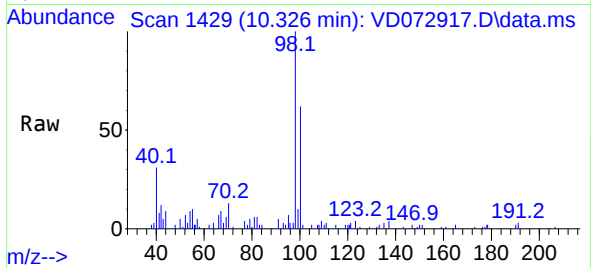




#50
Toluene-d8
Concen: 49.289 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

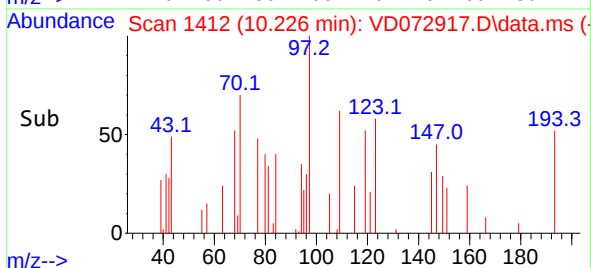
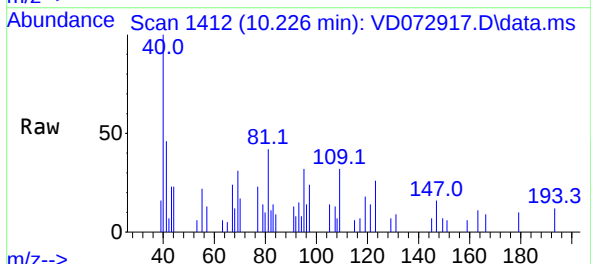
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

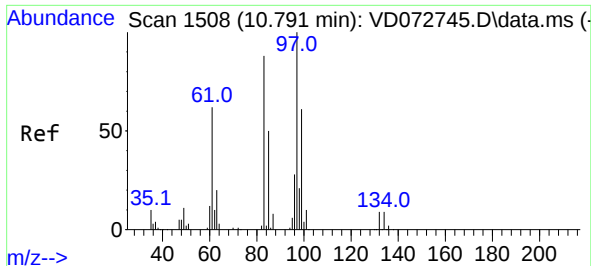
Tgt Ion: 98 Resp: 22597
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 6.647 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.006 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

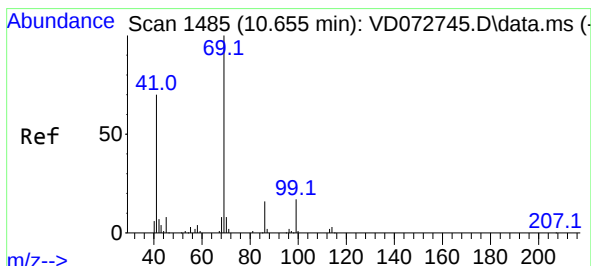
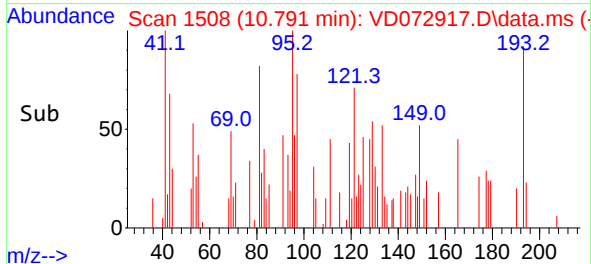
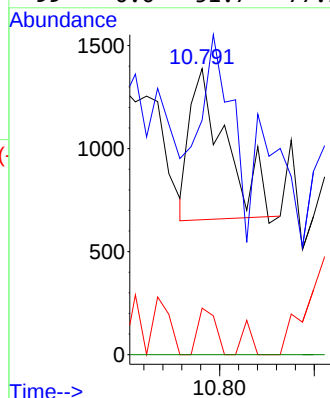
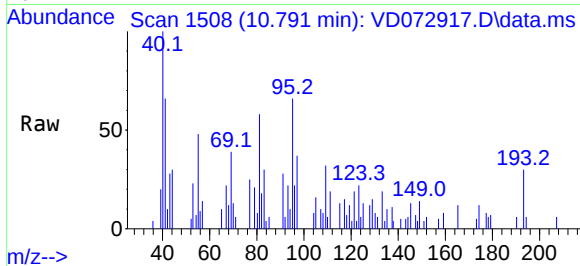




#55
1,1,2-Trichloroethane
Concen: 8.160 ug/l
RT: 10.791 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

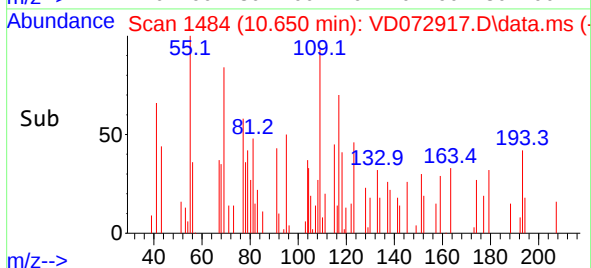
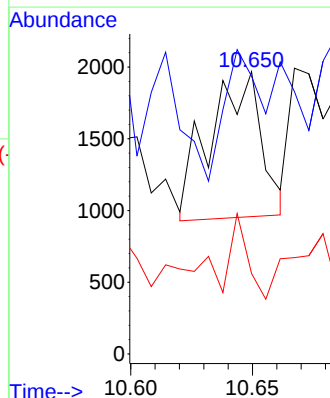
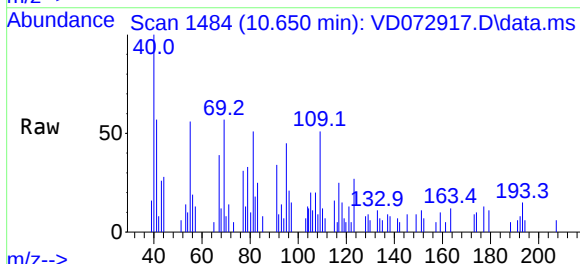
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

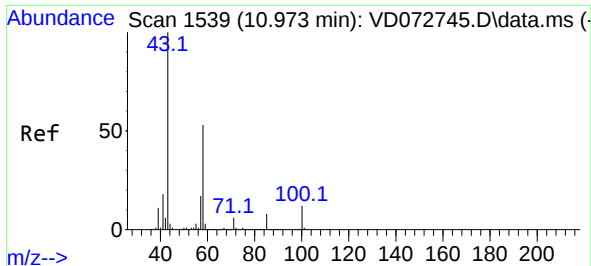
Tgt Ion:	97	Resp:	959
Ion	Ratio	Lower	Upper
97	100		
83	26.0	69.0	103.4#
85	31.6	42.6	63.8#
99	0.0	51.7	77.5#



#56
Ethyl methacrylate
Concen: 10.840 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.005 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion:	69	Resp:	1500
Ion	Ratio	Lower	Upper
69	100		
41	61.5	63.0	94.6#
39	20.1	33.8	50.8#

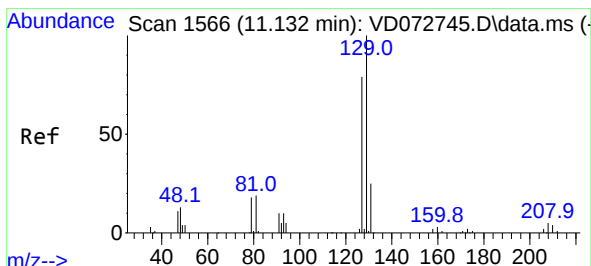
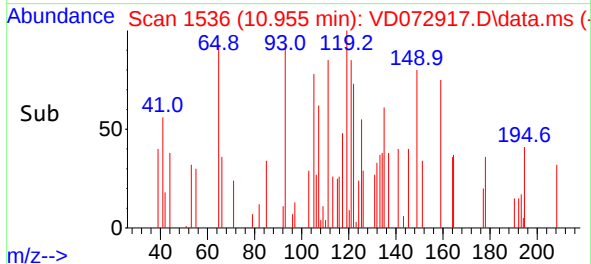
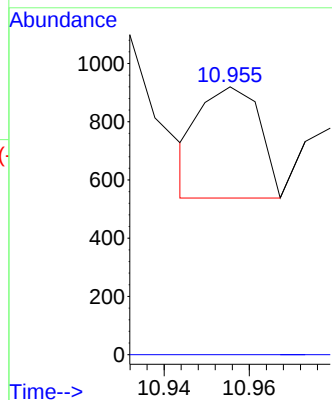
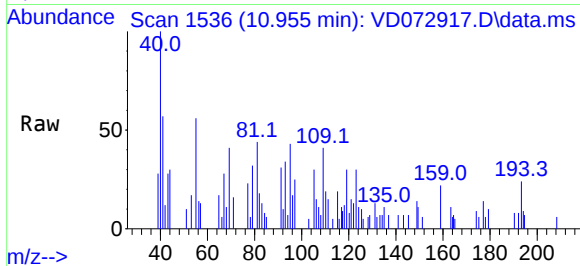




#59
2-Hexanone
Concen: 5.953 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.018 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

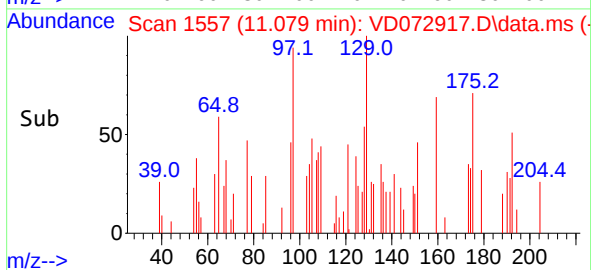
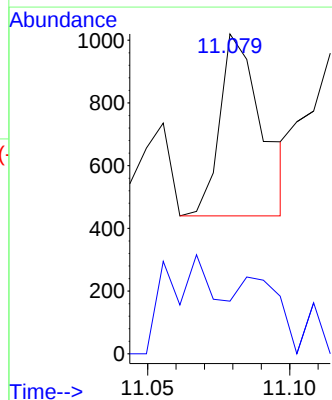
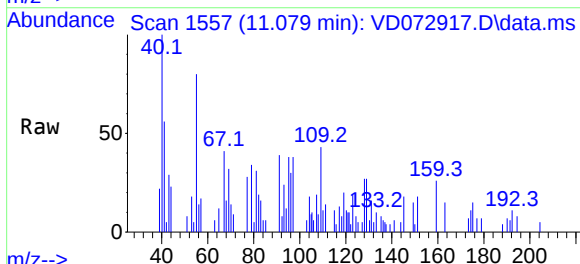
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

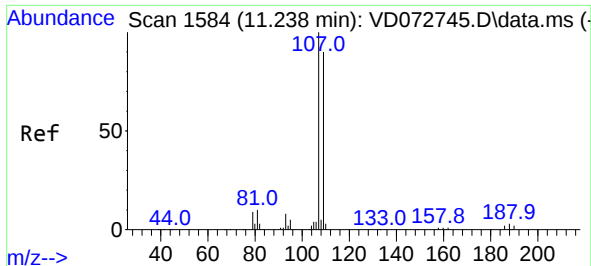
Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#



#60
Dibromochloromethane
Concen: 4.062 ug/l
RT: 11.079 min Scan# 1557
Delta R.T. -0.053 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 129 Resp: 601
Ion Ratio Lower Upper
129 100
127 48.6 39.2 117.6

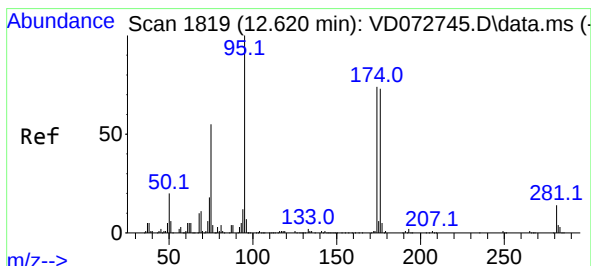
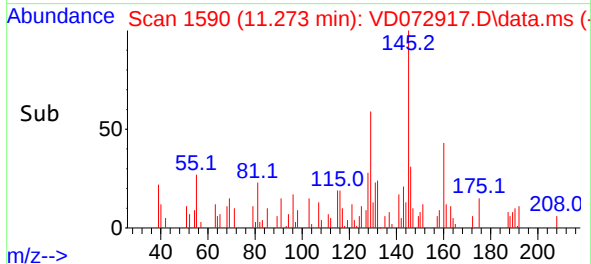
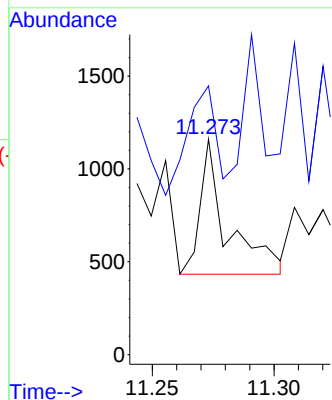
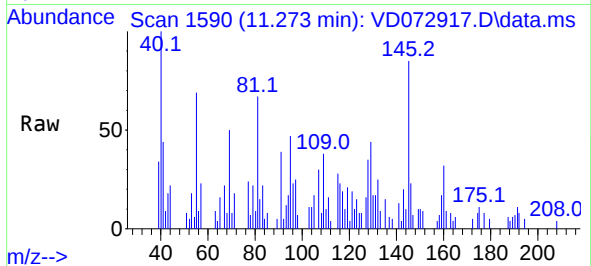




#61
1,2-Dibromoethane
Concen: 4.930 ug/l
RT: 11.273 min Scan# 11
Delta R.T. 0.035 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

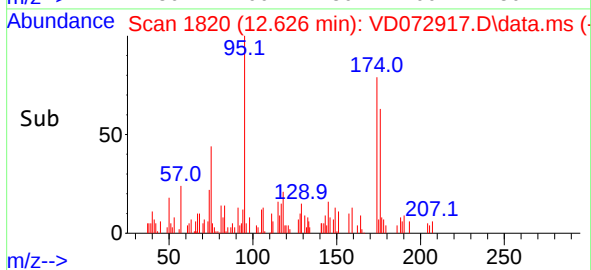
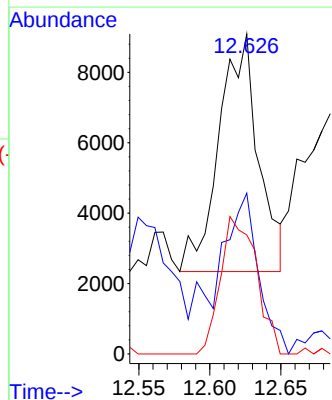
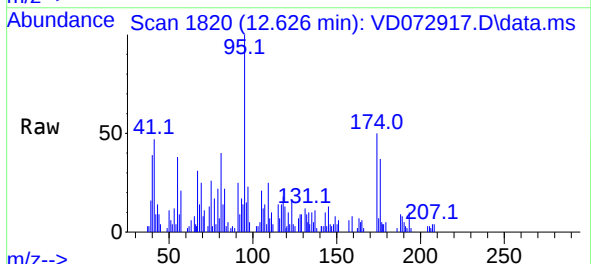
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

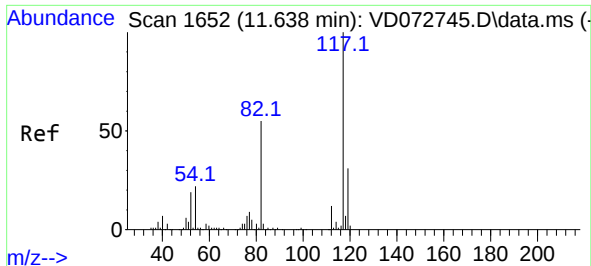
Tgt Ion:107 Resp: 564
Ion Ratio Lower Upper
107 100
109 104.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 76.282 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 95 Resp: 13040
Ion Ratio Lower Upper
95 100
174 56.3 0.0 152.8
176 52.6 0.0 145.4

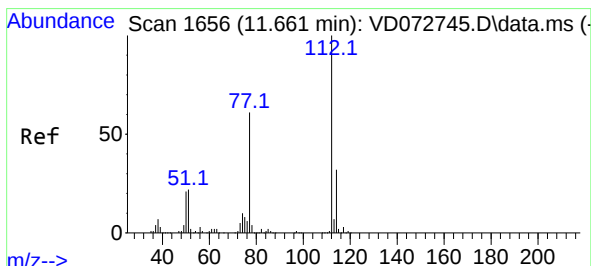
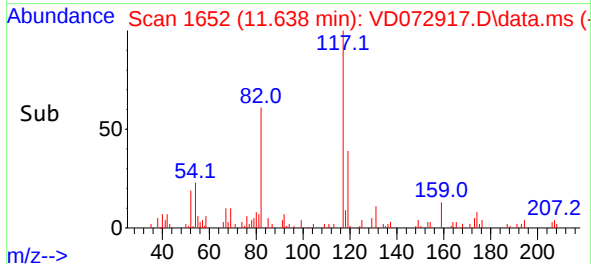
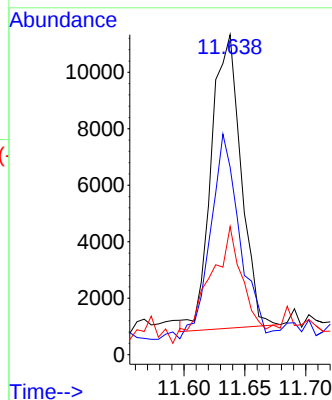
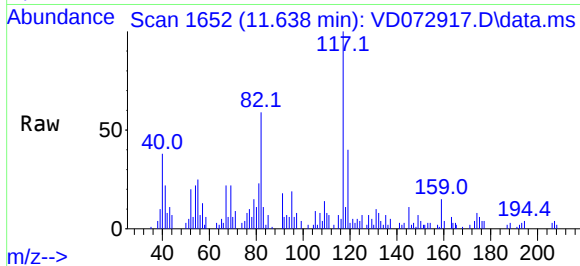




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

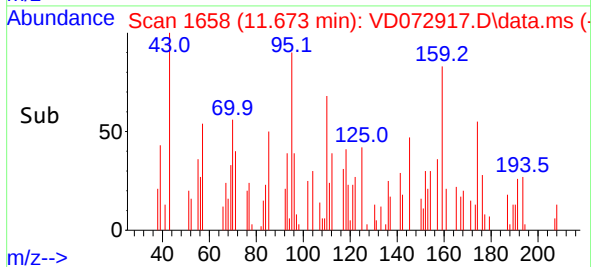
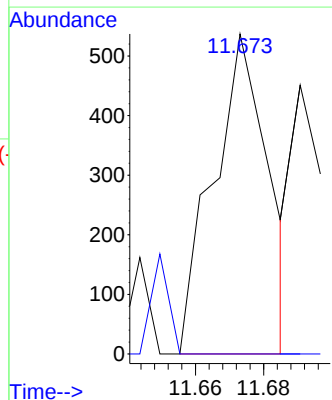
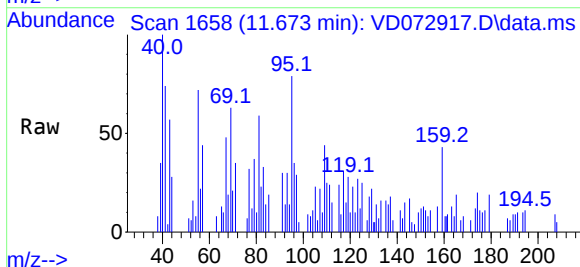
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

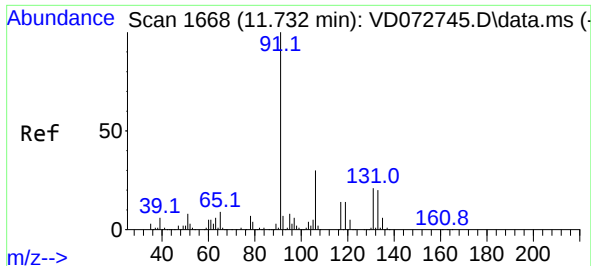
Tgt Ion:117 Resp: 17665
Ion Ratio Lower Upper
117 100
82 59.2 45.3 67.9
119 35.2 26.6 40.0



#65
Chlorobenzene
Concen: 1.471 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.012 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion:112 Resp: 601
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#

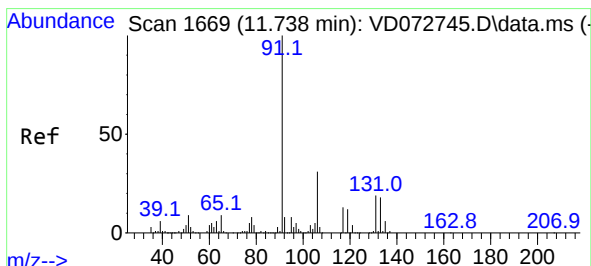
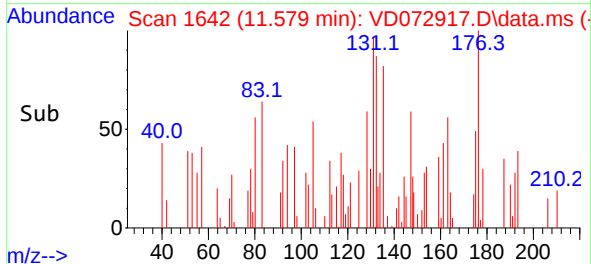
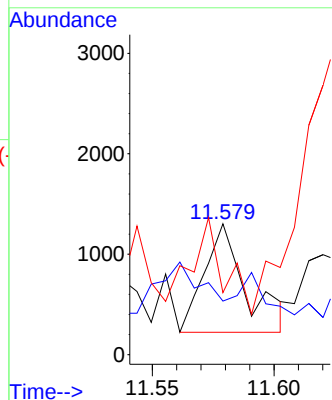
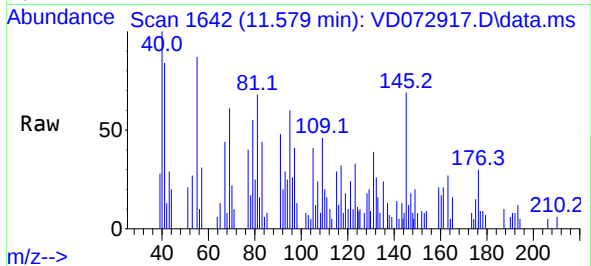




#66
1,1,1,2-Tetrachloroethane
Concen: 8.388 ug/l
RT: 11.579 min Scan# 1157
Delta R.T. -0.153 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

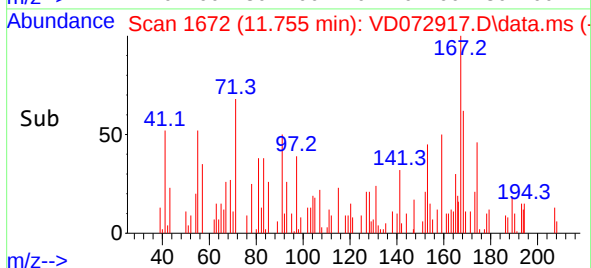
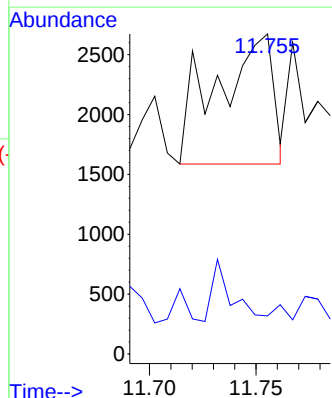
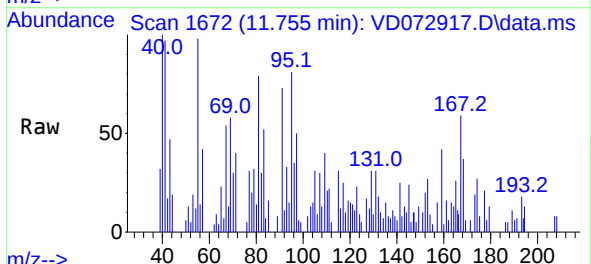
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

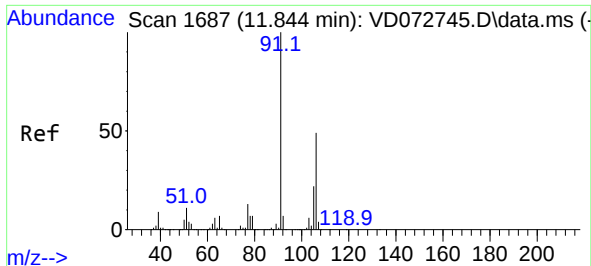
Tgt Ion:131 Resp: 1288
Ion Ratio Lower Upper
131 100
133 49.3 48.1 144.3
119 71.2 31.9 95.9



#67
Ethyl Benzene
Concen: 2.817 ug/l
RT: 11.755 min Scan# 1672
Delta R.T. 0.017 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 91 Resp: 1992
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.4#

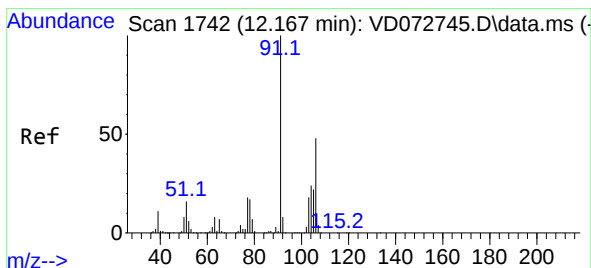
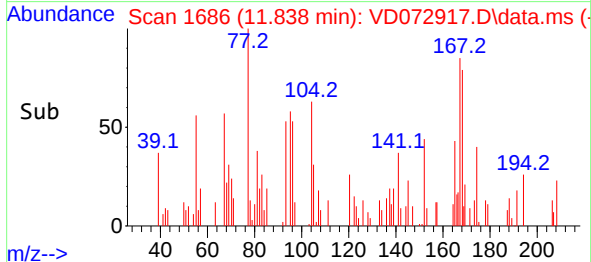
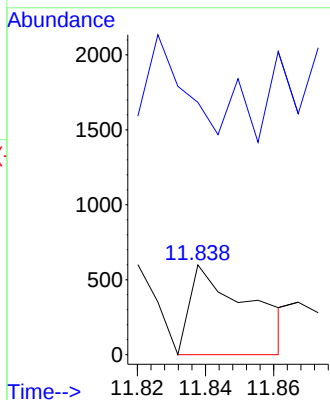
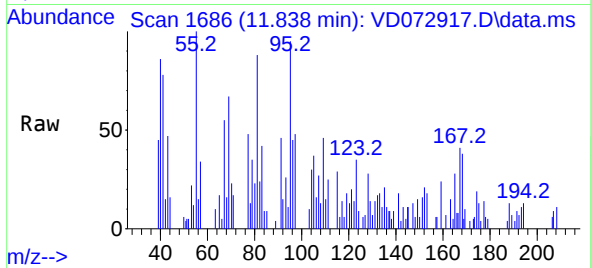




#68
m/p-Xylenes
Concen: 2.647 ug/l
RT: 11.838 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

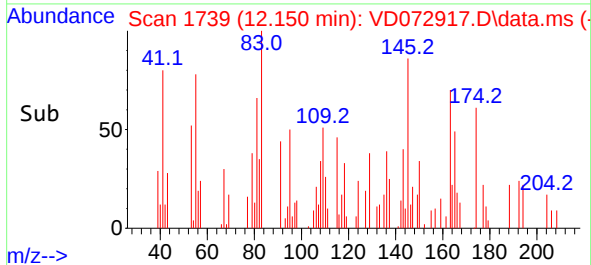
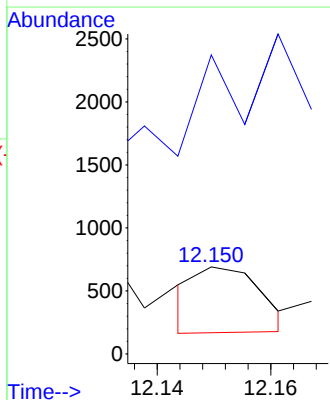
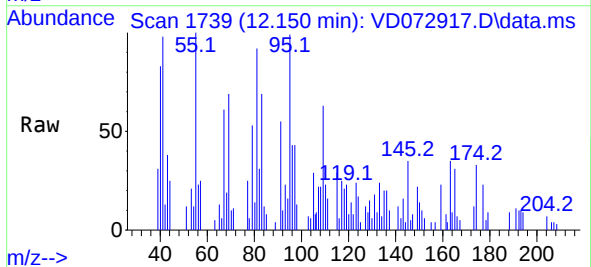
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

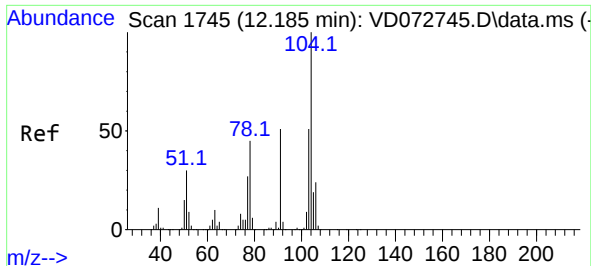
Tgt Ion:106 Resp: 721
Ion Ratio Lower Upper
106 100
91 0.0 163.7 245.5#



#69
o-Xylene
Concen: 1.608 ug/l
RT: 12.150 min Scan# 1739
Delta R.T. -0.017 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion:106 Resp: 409
Ion Ratio Lower Upper
106 100
91 292.7 110.4 331.2

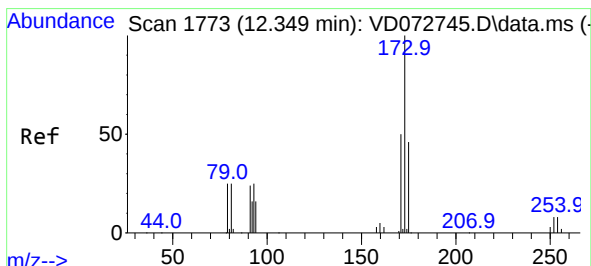
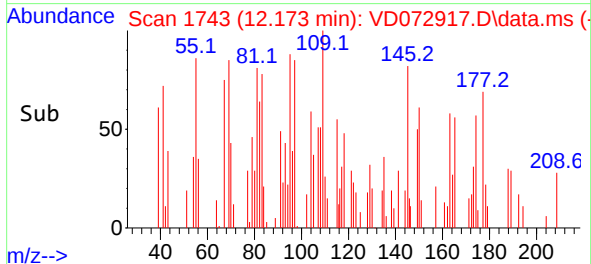
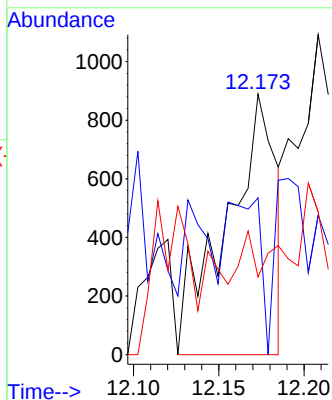
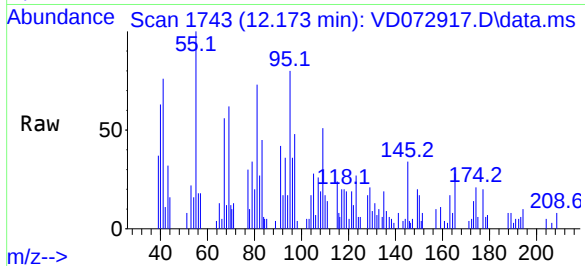




#70
Styrene
Concen: 4.086 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

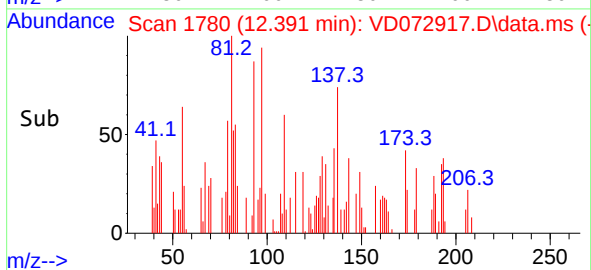
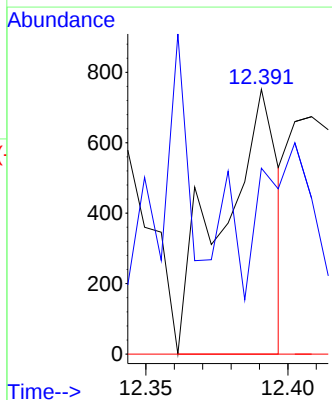
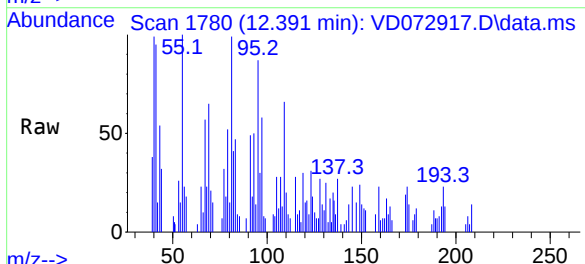
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

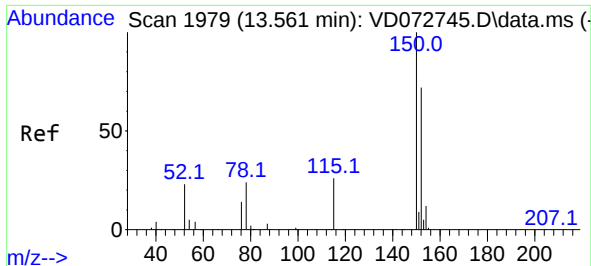
Tgt Ion:104 Resp: 1801
Ion Ratio Lower Upper
104 100
78 40.4 41.8 62.8#
103 10.0 44.2 66.4#



#71
Bromoform
Concen: 12.413 ug/l
RT: 12.391 min Scan# 1780
Delta R.T. 0.042 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion:173 Resp: 1033
Ion Ratio Lower Upper
173 100
175 50.9 23.9 71.8
254 0.0 0.0 0.0

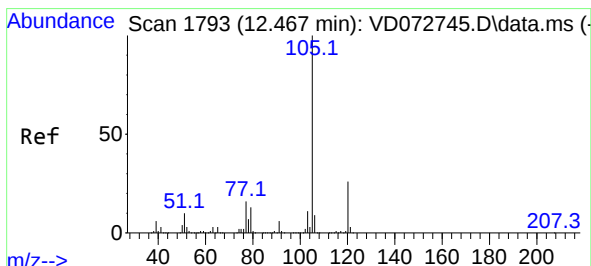
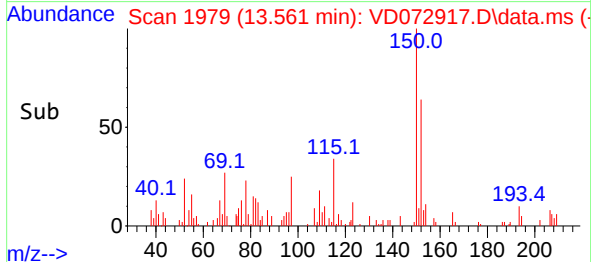
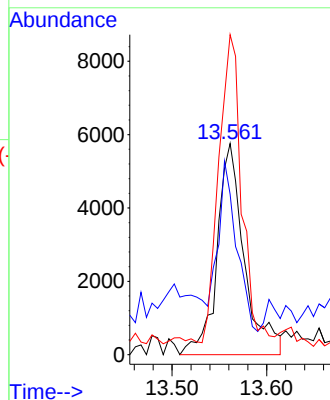
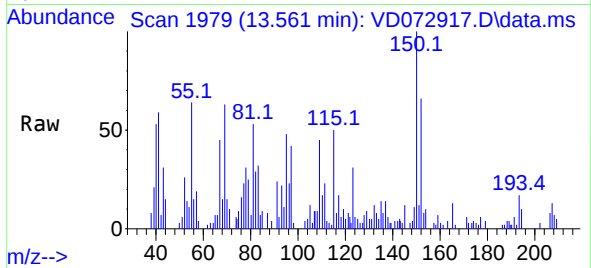




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

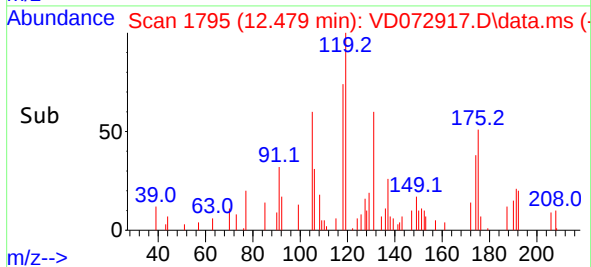
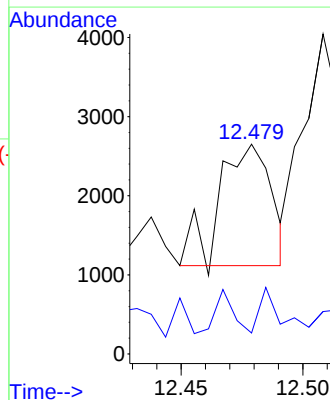
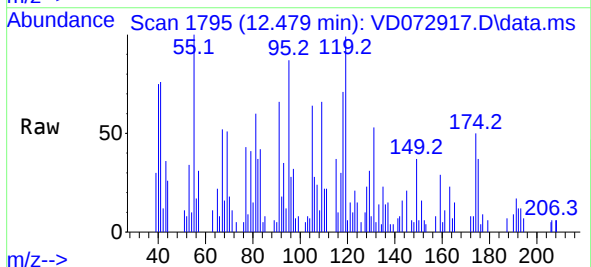
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

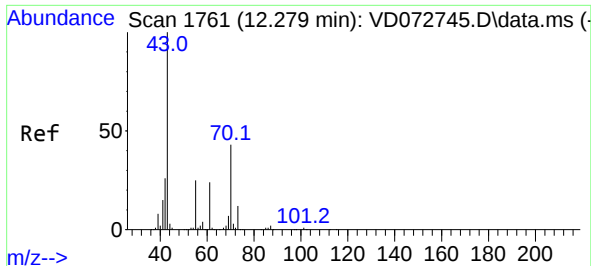
Tgt Ion:152 Resp: 11536
Ion Ratio Lower Upper
152 100
115 54.7 31.3 93.8
150 121.2 0.0 348.6



#73
Isopropylbenzene
Concen: 2.545 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion:105 Resp: 2284
Ion Ratio Lower Upper
105 100
120 14.7 13.0 38.9



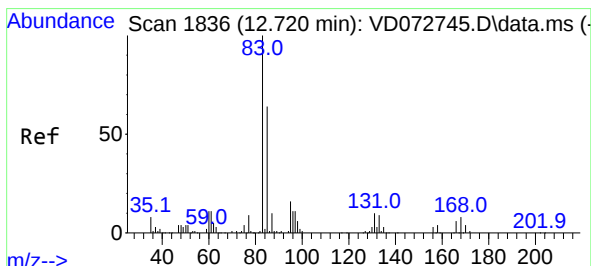
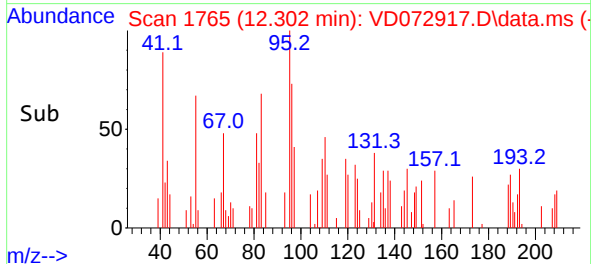
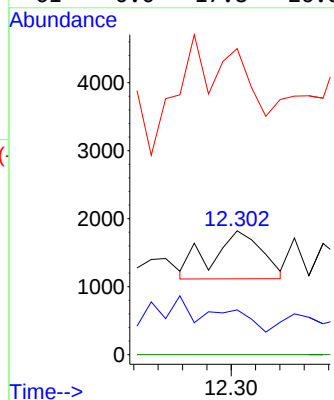
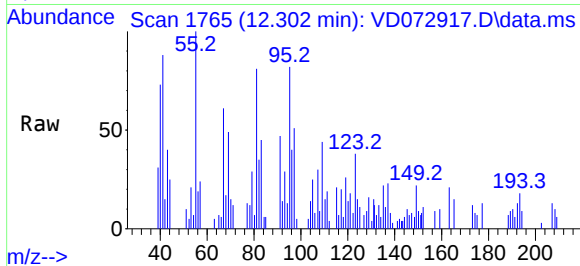


#74
N-amy1 acetate
Concen: 4.501 ug/l
RT: 12.302 min Scan# 1765
Delta R.T. 0.023 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

Tgt Ion: 43 Resp: 1006

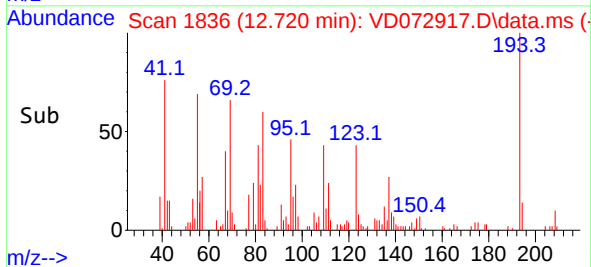
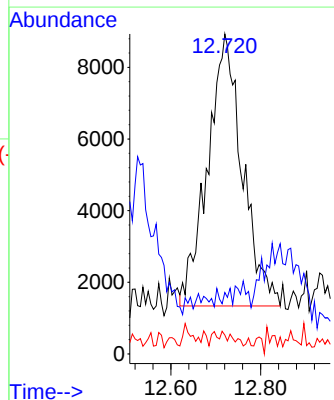
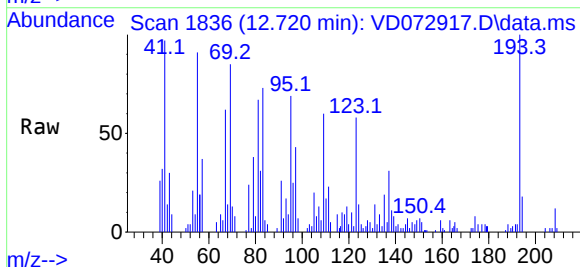
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.3	46.9#
55	0.0	20.0	30.0#
61	0.0	17.8	26.8#

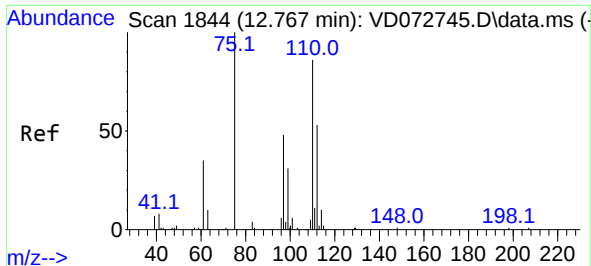


#75
1,1,2,2-Tetrachloroethane
Concen: 225.844 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 83 Resp: 40918

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	0.0	32.6	98.0#

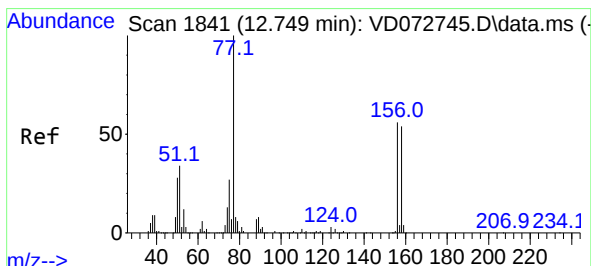
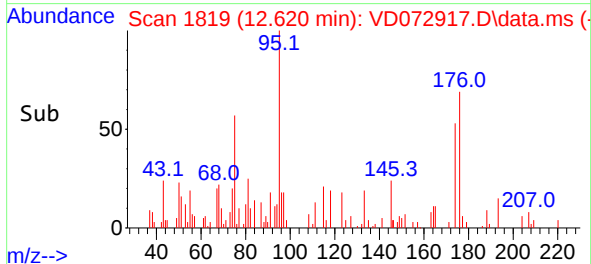
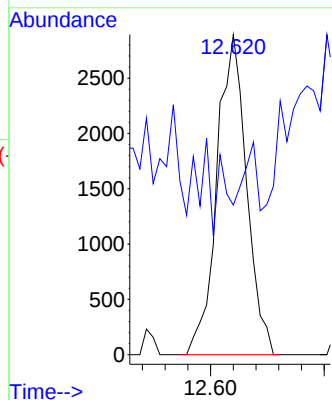
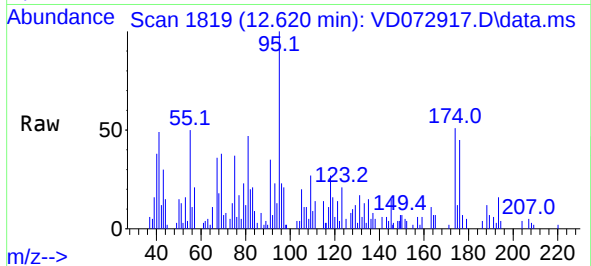




#76
1,2,3-Trichloropropane
Concen: 40.744 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

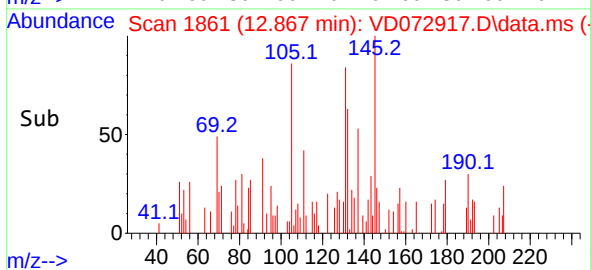
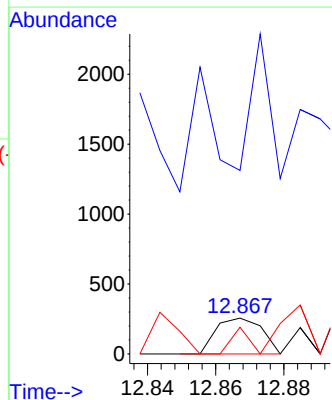
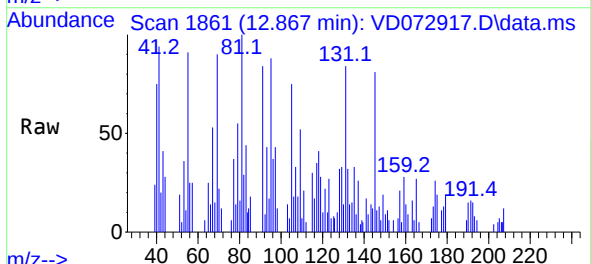
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

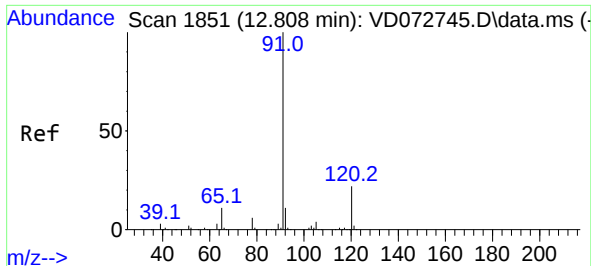
Tgt Ion: 75 Resp: 5241
Ion Ratio Lower Upper
75 100
77 8.4 0.0 0.0#



#77
Bromobenzene
Concen: 1.121 ug/l
RT: 12.867 min Scan# 1861
Delta R.T. 0.118 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion:156 Resp: 239
Ion Ratio Lower Upper
156 100
77 254.4 102.8 308.3
158 111.7 48.7 146.1

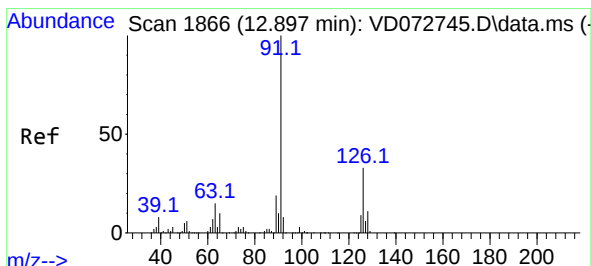
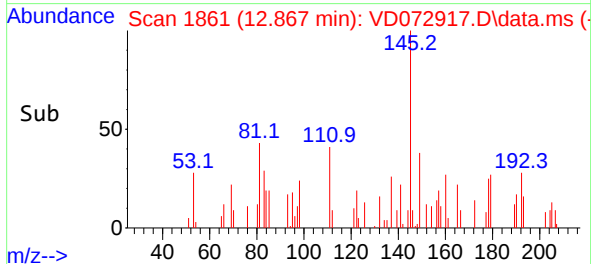
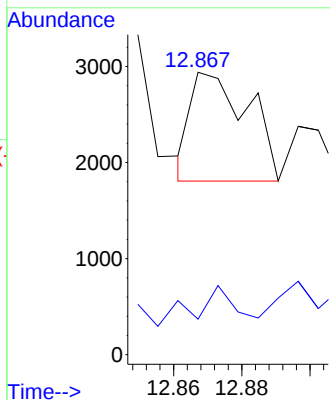
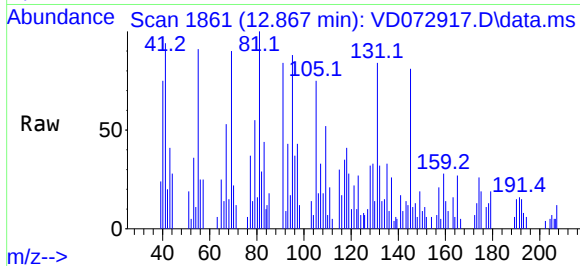




#78
n-propylbenzene
Concen: 1.170 ug/l
RT: 12.867 min Scan# 1861
Delta R.T. 0.059 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

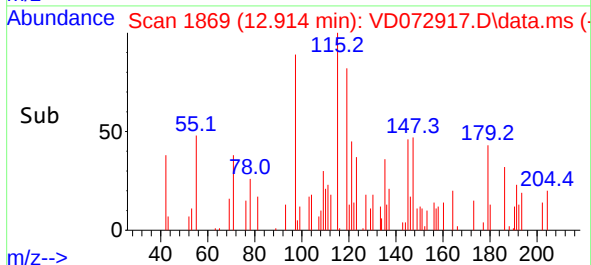
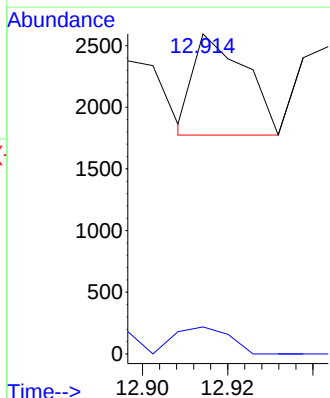
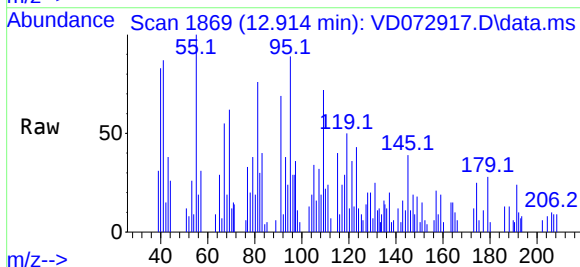
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

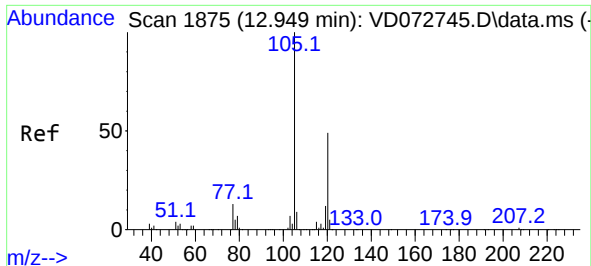
Tgt Ion: 91 Resp: 1323
Ion Ratio Lower Upper
91 100
120 26.8 10.9 32.9



#79
2-Chlorotoluene
Concen: 1.050 ug/l
RT: 12.914 min Scan# 1869
Delta R.T. 0.017 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 91 Resp: 694
Ion Ratio Lower Upper
91 100
126 37.5 16.2 48.6

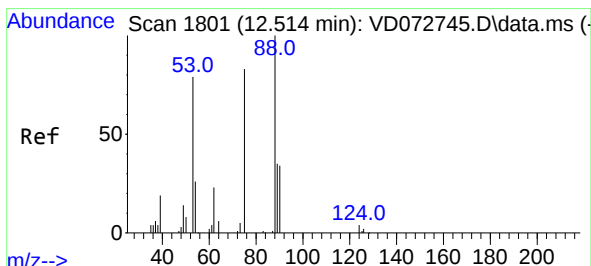
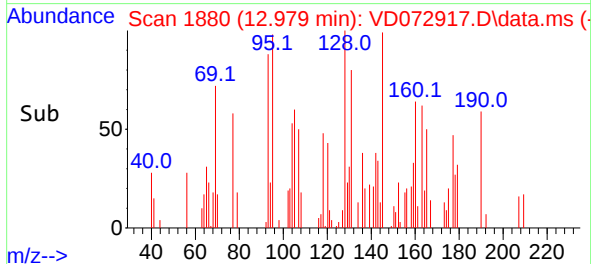
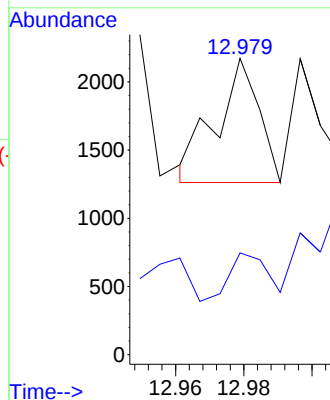
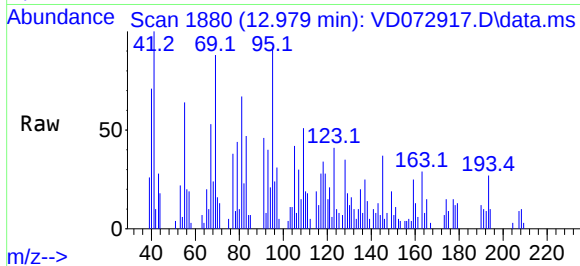




#80
1,3,5-Trimethylbenzene
Concen: 1.039 ug/l
RT: 12.979 min Scan# 11
Delta R.T. 0.030 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

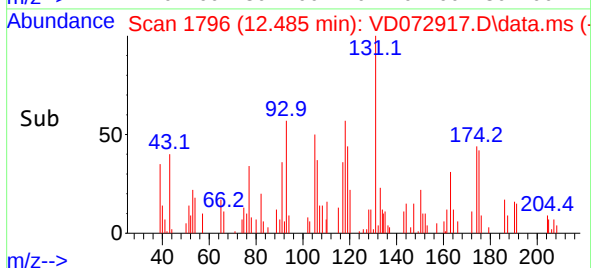
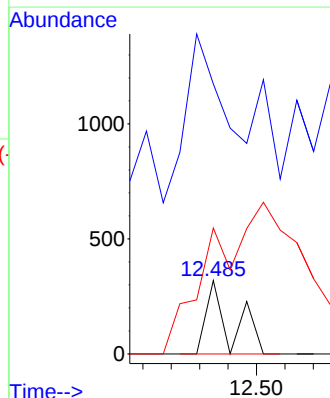
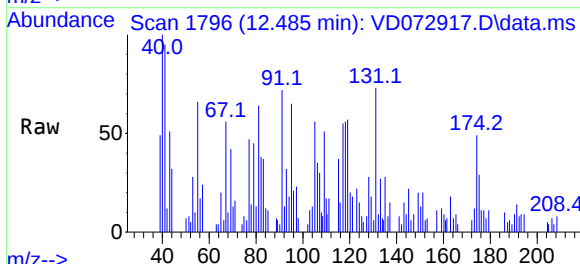
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

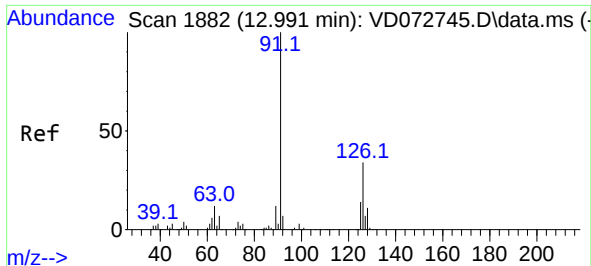
Tgt Ion:105 Resp: 791
Ion Ratio Lower Upper
105 100
120 34.9 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 3.450 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. -0.029 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 75 Resp: 193
Ion Ratio Lower Upper
75 100
53 375.6 86.5 129.7#
89 0.0 33.9 50.9#

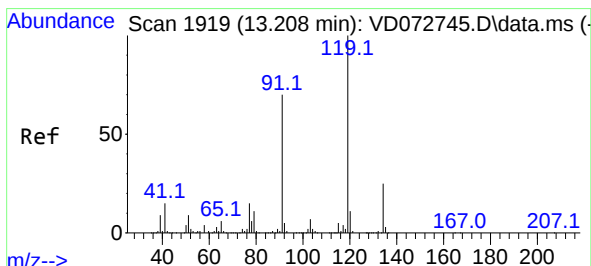
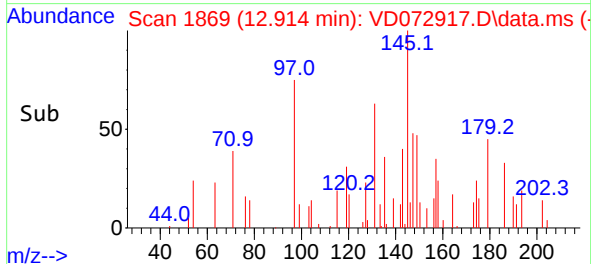
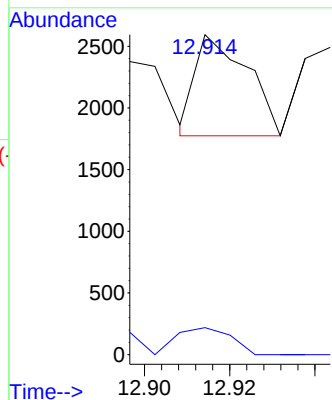
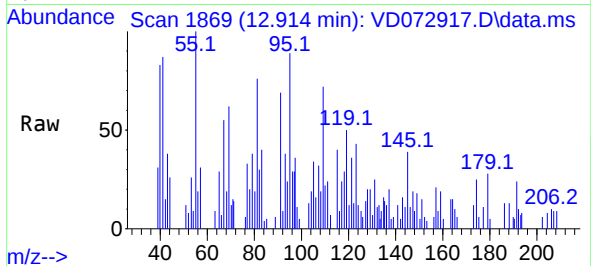




#82
4-Chlorotoluene
Concen: 1.005 ug/l
RT: 12.914 min Scan# 1869
Delta R.T. -0.077 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

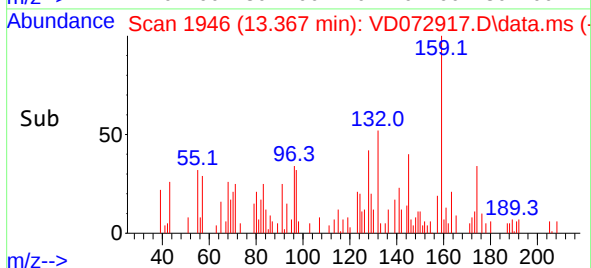
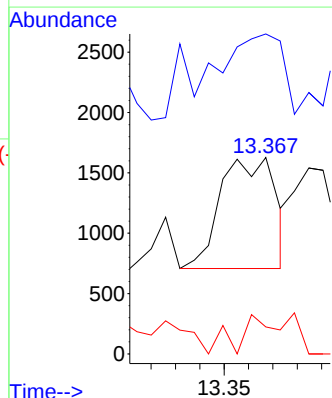
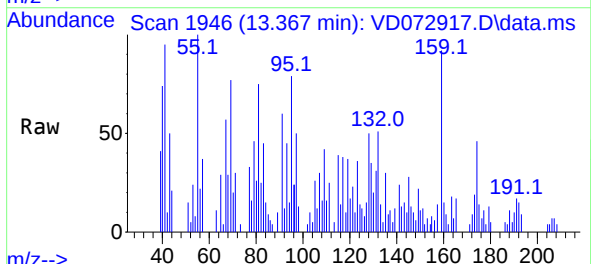
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

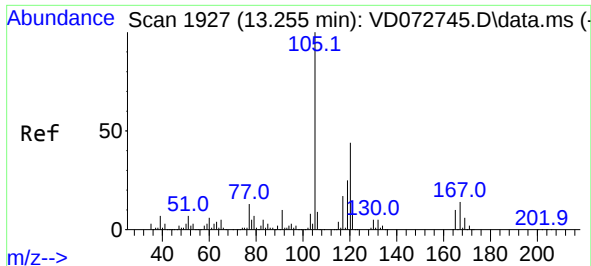
Tgt Ion: 91 Resp: 694
Ion Ratio Lower Upper
91 100
126 37.5 16.5 49.5



#83
tert-Butylbenzene
Concen: 2.230 ug/l
RT: 13.367 min Scan# 1946
Delta R.T. 0.159 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion: 119 Resp: 1443
Ion Ratio Lower Upper
119 100
91 88.1 34.8 104.5
134 32.4 13.3 39.9

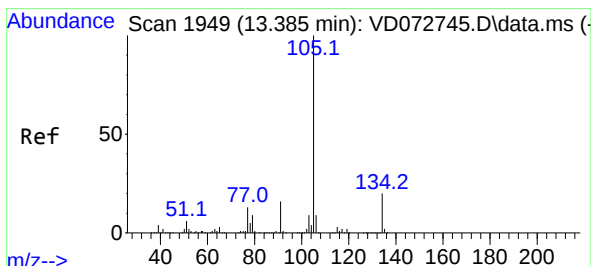
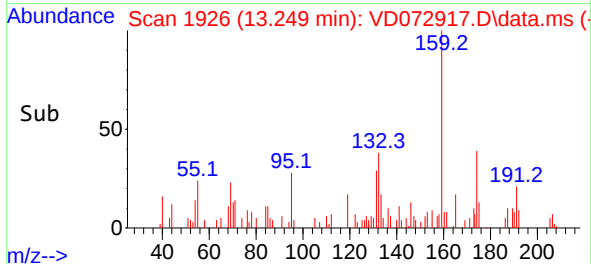
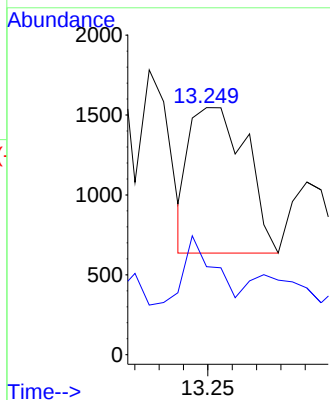
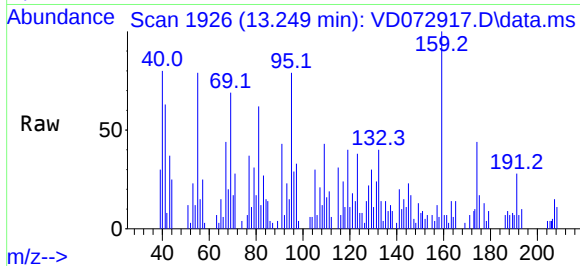




#84
1,2,4-Trimethylbenzene
Concen: 1.952 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

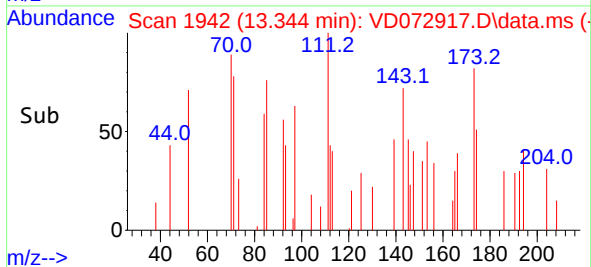
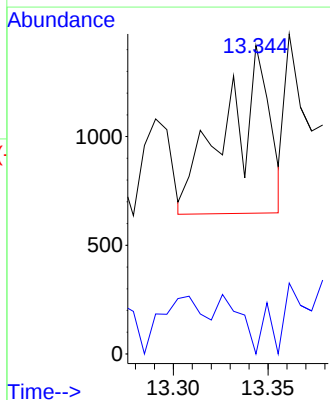
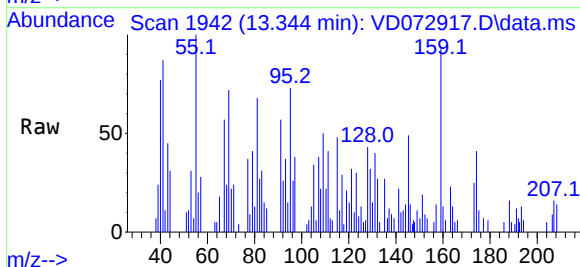
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

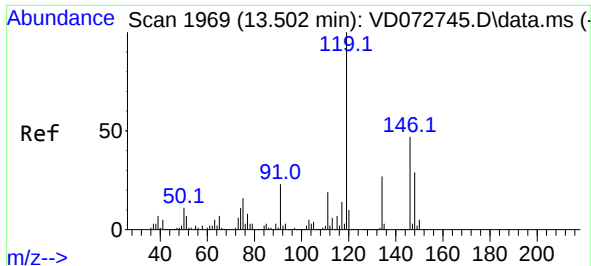
Tgt Ion:105 Resp: 1485
Ion Ratio Lower Upper
105 100
120 24.9 22.3 66.8



#85
sec-Butylbenzene
Concen: 1.247 ug/l
RT: 13.344 min Scan# 1942
Delta R.T. -0.041 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Tgt Ion:105 Resp: 1217
Ion Ratio Lower Upper
105 100
134 18.8 9.8 29.3





#87

1,3-Dichlorobenzene

Concen: 1.665 ug/l

RT: 13.508 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD072917.D

Acq: 10 May 2022 16:31

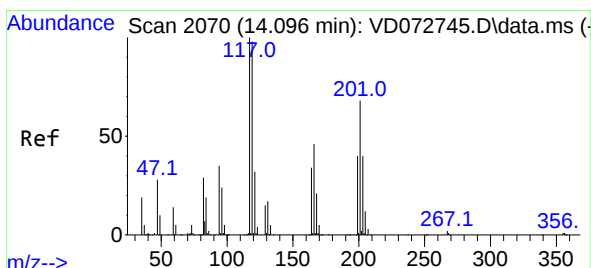
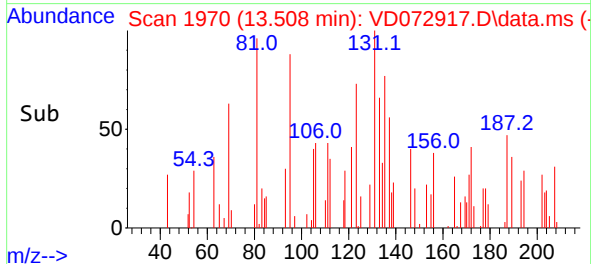
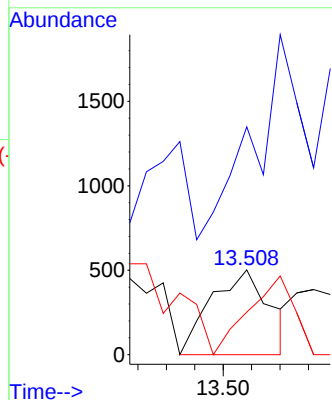
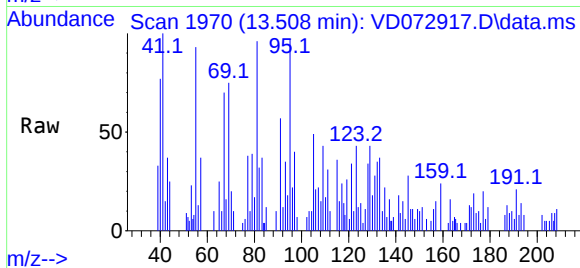
Instrument :

MSVOA_D

ClientSampleId :

CL-02-051022

Tgt Ion:	146	Resp:	715
Ion Ratio	Lower	Upper	
146	100		
111	0.0	20.4	61.3#
148	0.0	31.9	95.7#



#90

Hexachloroethane

Concen: 3.764 ug/l

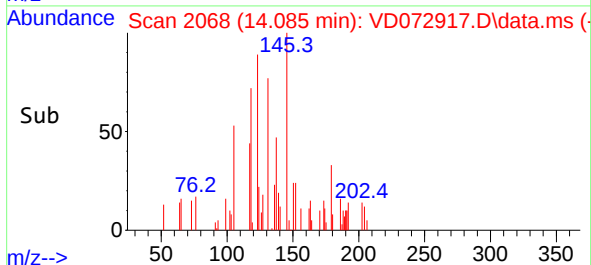
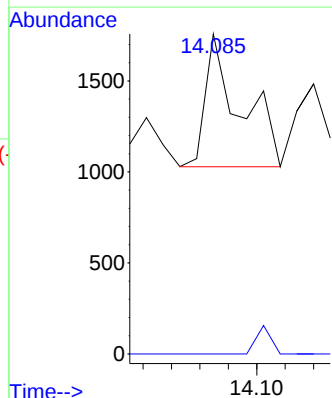
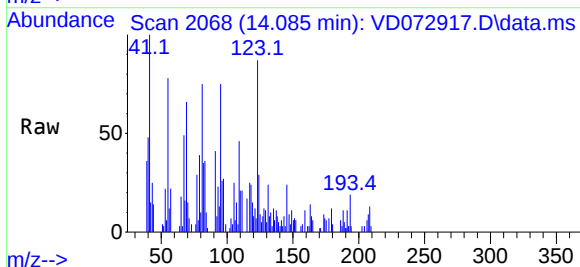
RT: 14.085 min Scan# 2068

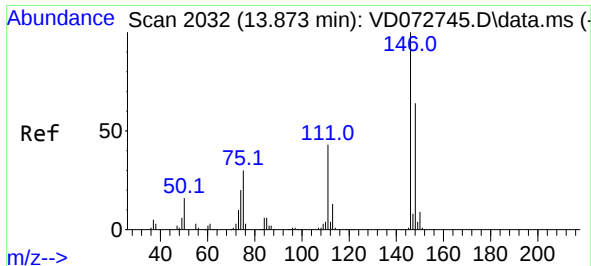
Delta R.T. -0.011 min

Lab File: VD072917.D

Acq: 10 May 2022 16:31

Tgt Ion:	117	Resp:	617
Ion Ratio	Lower	Upper	
117	100		
201	8.9	33.4	100.2#

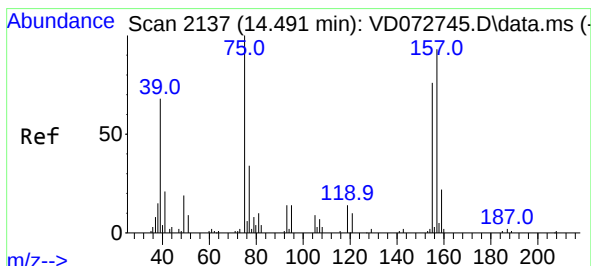
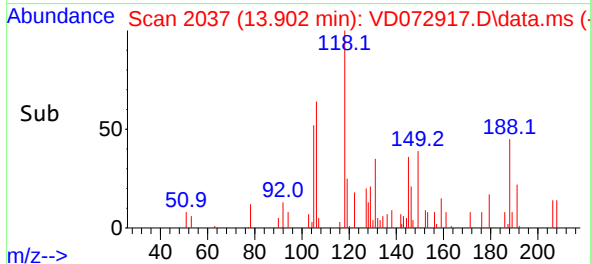
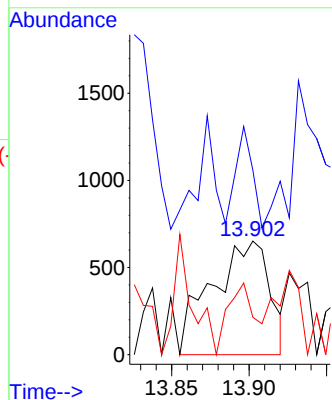
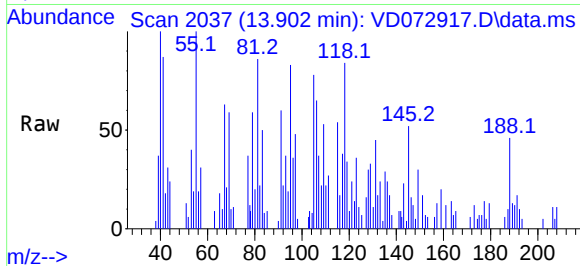




#91
1,2-Dichlorobenzene
Concen: 4.532 ug/l
RT: 13.902 min Scan# 2032
Delta R.T. 0.029 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

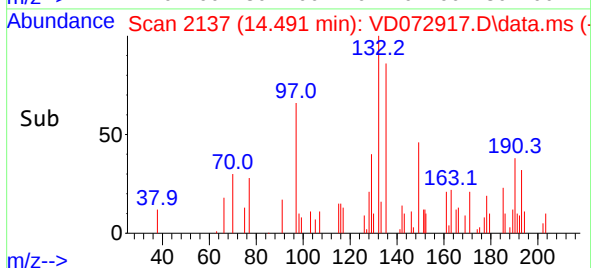
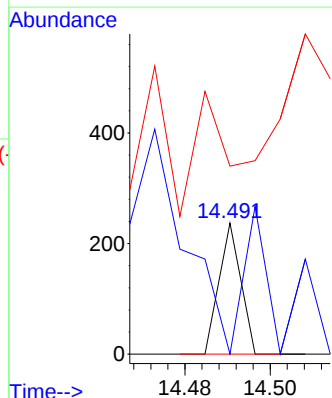
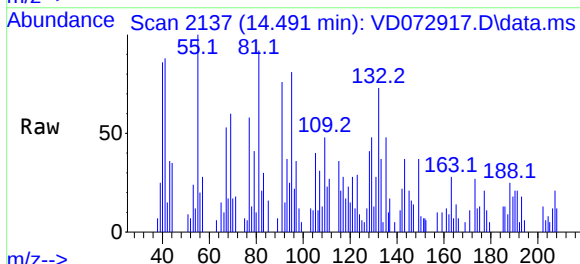
Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022

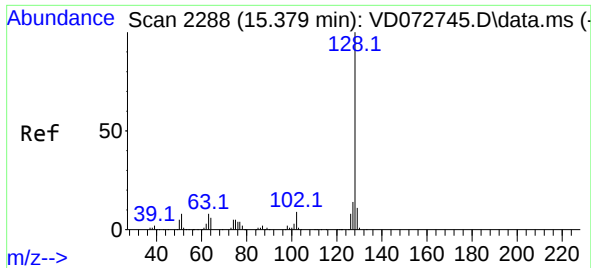
Tgt Ion:146 Resp: 1696
Ion Ratio Lower Upper
146 100
111 25.2 21.1 63.3
148 29.0 31.7 95.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.925 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

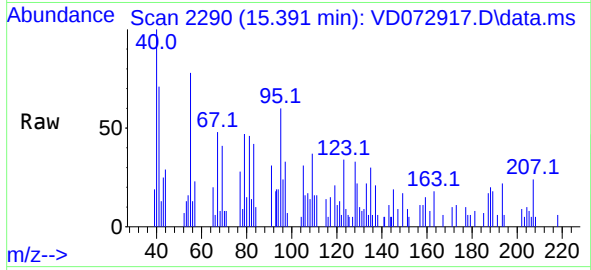
Tgt Ion: 75 Resp: 84
Ion Ratio Lower Upper
75 100
155 184.5 36.8 110.3#
157 0.0 48.4 145.0#





#95
Naphthalene
Concen: 2.960 ug/l
RT: 15.391 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD072917.D
Acq: 10 May 2022 16:31

Instrument :
MSVOA_D
ClientSampleId :
CL-02-051022



Tgt Ion:128 Resp: 1206
Ion Ratio Lower Upper
128 100
127 52.9 10.3 15.5#
129 67.6 8.4 12.6#

