

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073103.D
 Acq On : 18 May 2022 17:11
 Operator : VA/SY
 Sample : N2832-04
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB20

Quant Time: May 19 04:45:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	97014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	167836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	197053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	82759	68.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.420%	
35) Dibromofluoromethane	7.903	113	70872	60.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.280%	
50) Toluene-d8	10.332	98	213228	49.878	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.620	95	82288	53.144	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.280%	

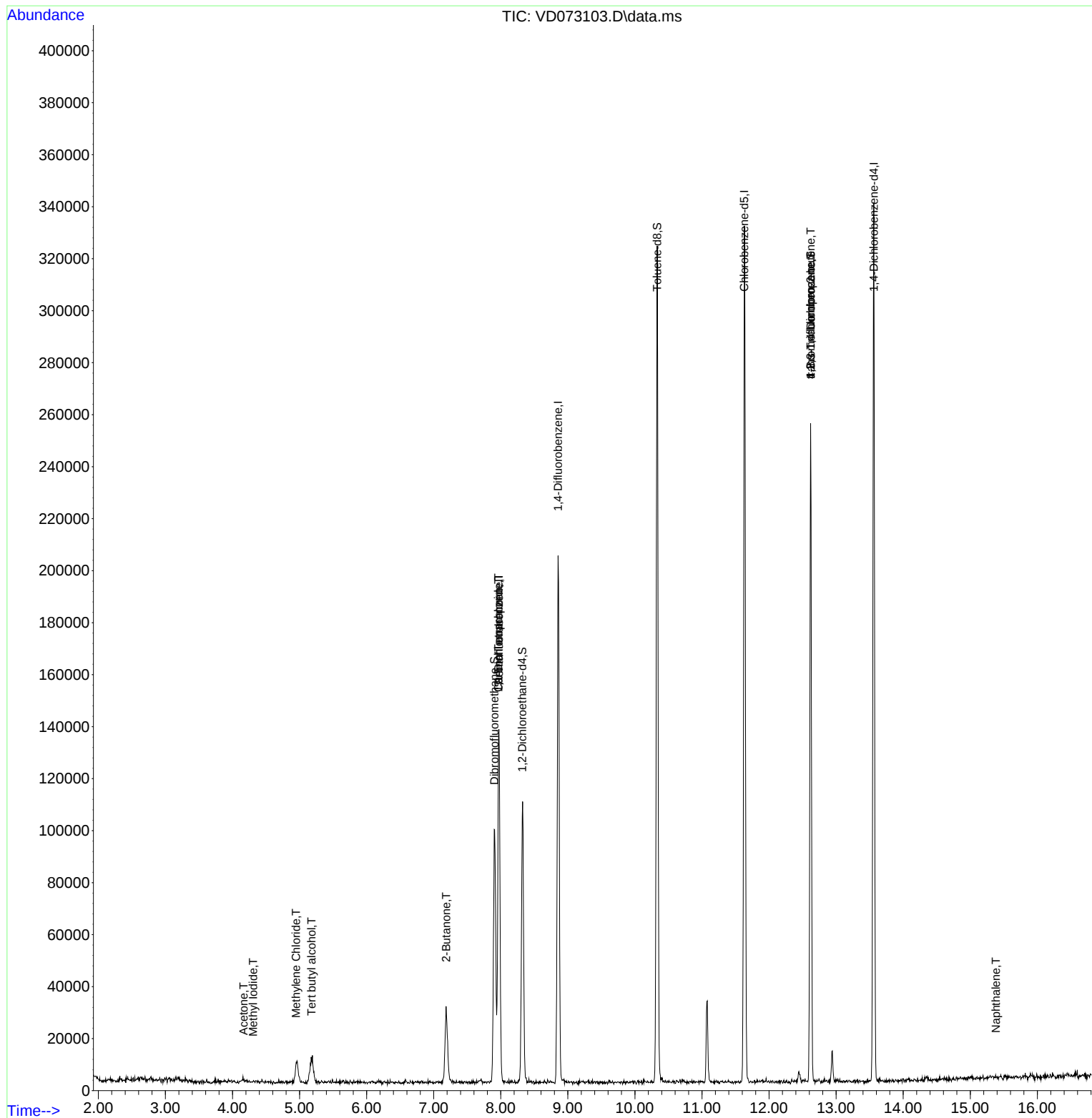
Target Compounds			Qvalue			
10) Methyl Iodide	4.309	142	521	4.608	ug/l #	38
11) Tert butyl alcohol	5.179	59	8771	46.739	ug/l #	74
16) Acetone	4.167	43	1882	8.572	ug/l	95
20) Methylene Chloride	4.950	84	6213	3.899	ug/l #	72
25) 2-Butanone	7.185	43	885	2.662	ug/l #	52
36) 1,1-Dichloropropene	7.967	75	8454	4.403	ug/l #	51
38) Carbon Tetrachloride	7.967	117	9951	5.066	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	43064	41.288	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	43064	98.999	ug/l #	7
95) Naphthalene	15.384	128	311	4.339	ug/l #	70

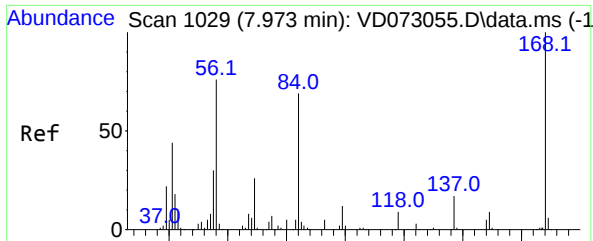
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
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ALS Vial : 17 Sample Multiplier: 1

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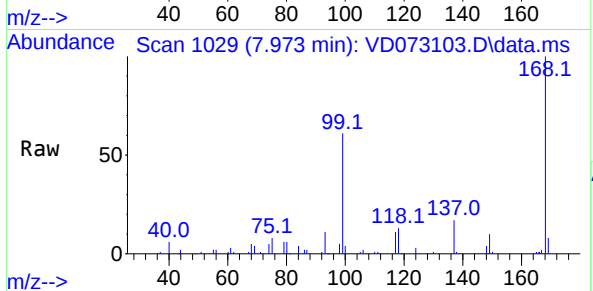
Quant Time: May 19 04:45:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
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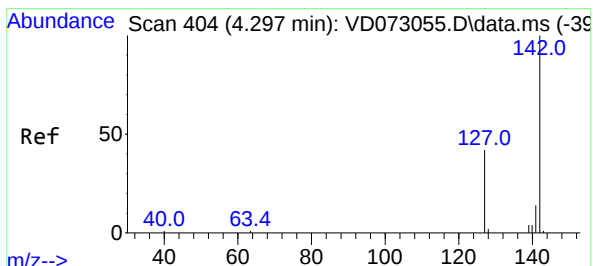
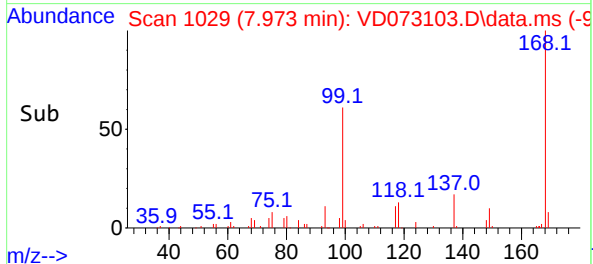
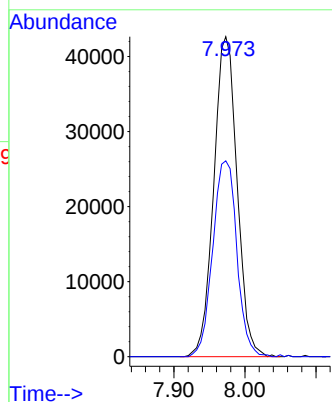


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Instrument :
MSVOA_D
ClientSampleId :
SB20

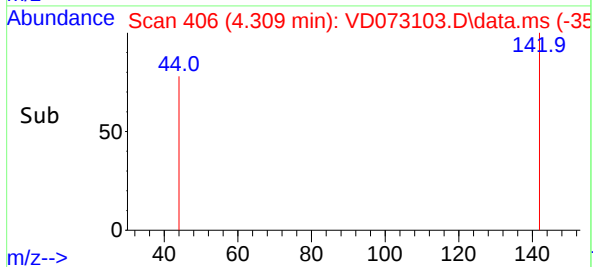
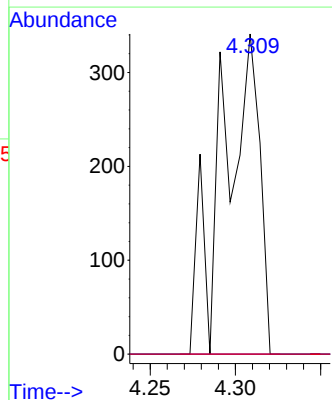
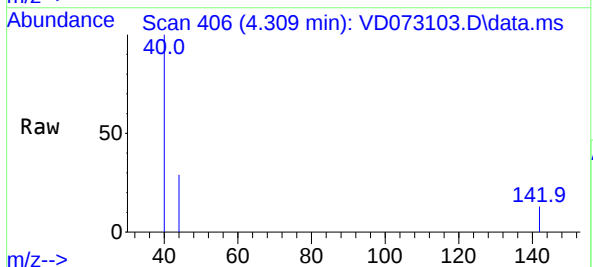


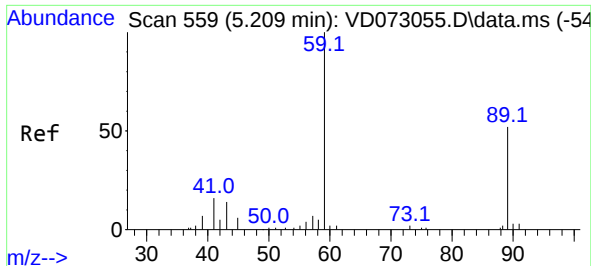
Tgt Ion:168 Resp: 97014
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#10
Methyl Iodide
Concen: 4.608 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Tgt Ion:142 Resp: 521
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

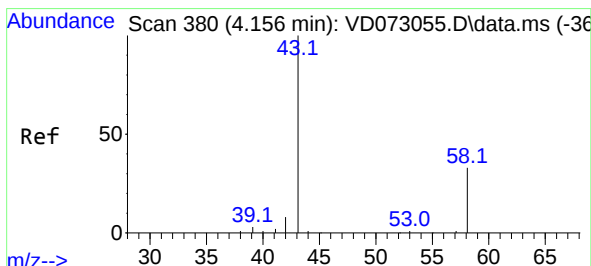
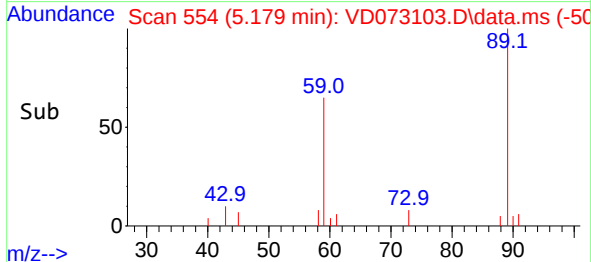
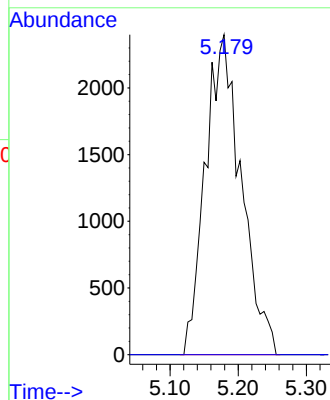
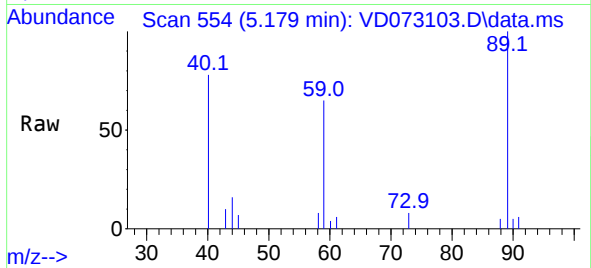




#11
Tert butyl alcohol
Concen: 46.739 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

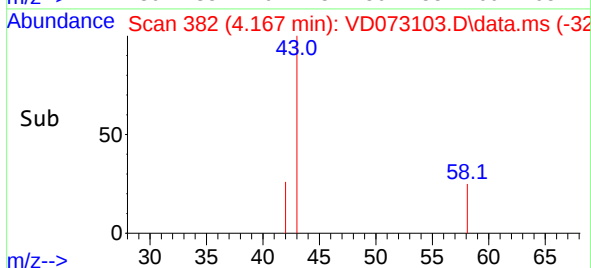
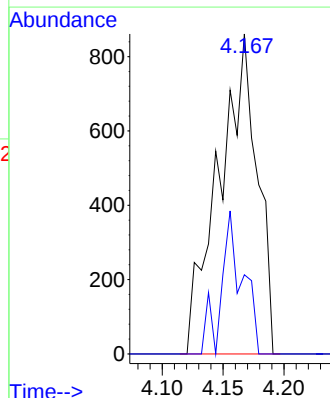
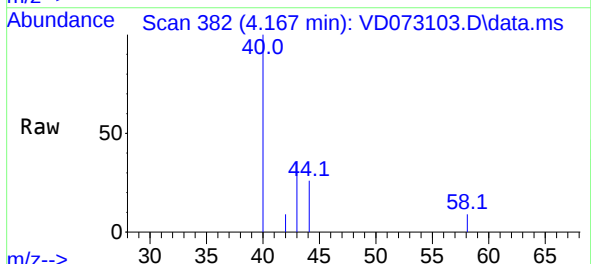
Instrument :
MSVOA_D
ClientSampleId :
SB20

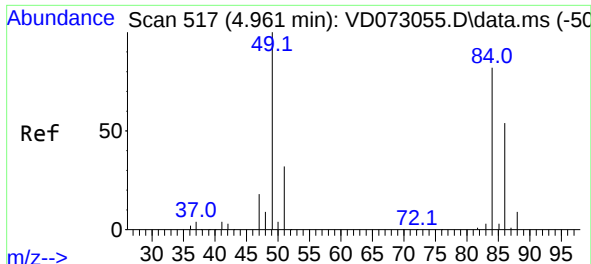
Tgt Ion: 59 Resp: 8771
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 8.572 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
58 24.7 22.1 33.1



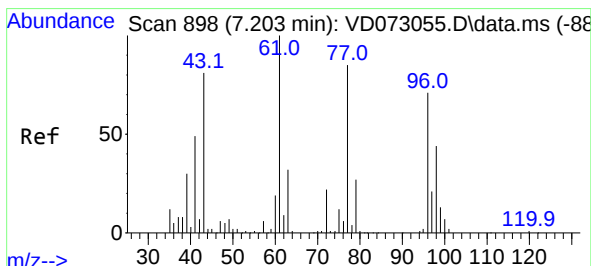
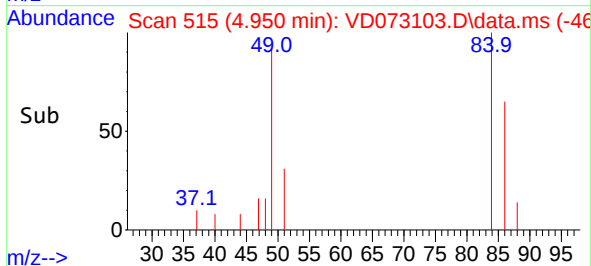
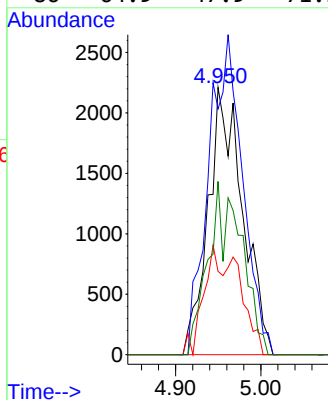
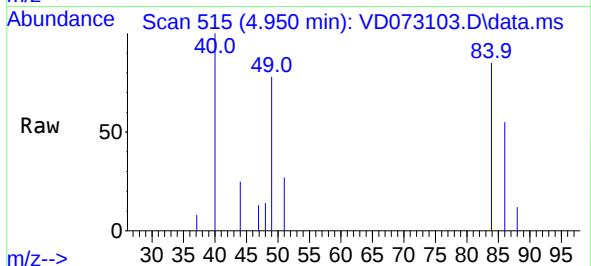


#20
Methylene Chloride
Concen: 3.899 ug/l
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Instrument :
MSVOA_D
ClientSampleId :
SB20

Tgt Ion: 84 Resp: 6213

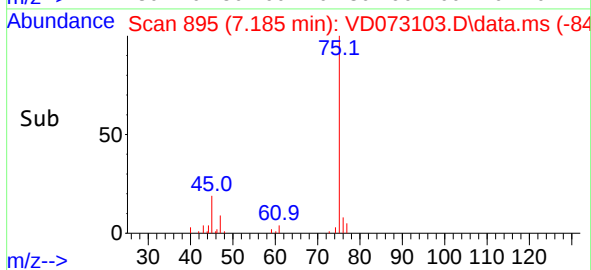
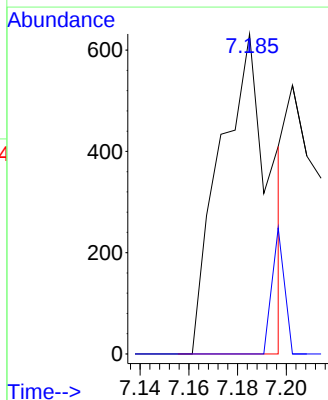
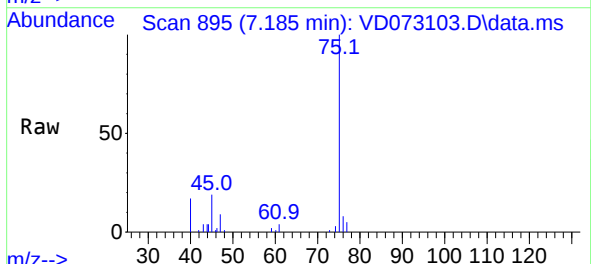
Ion	Ratio	Lower	Upper
84	100		
49	92.0	112.8	169.2#
51	31.2	32.6	48.8#
86	64.9	47.9	71.9

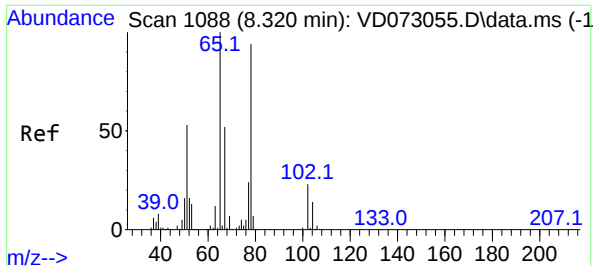


#25
2-Butanone
Concen: 2.662 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.018 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Tgt Ion: 43 Resp: 885

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

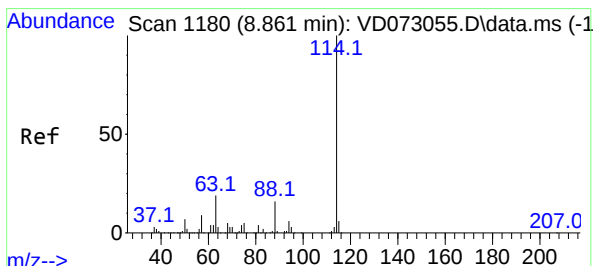
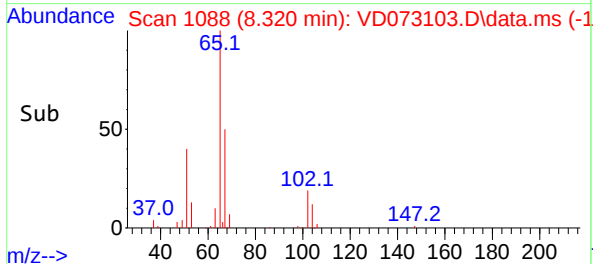
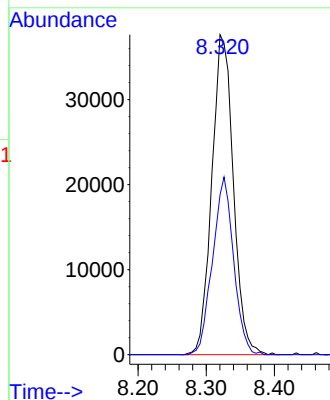
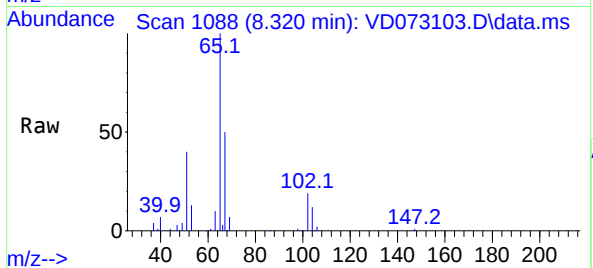




#33
1,2-Dichloroethane-d4
Concen: 68.214 ug/l
RT: 8.320 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

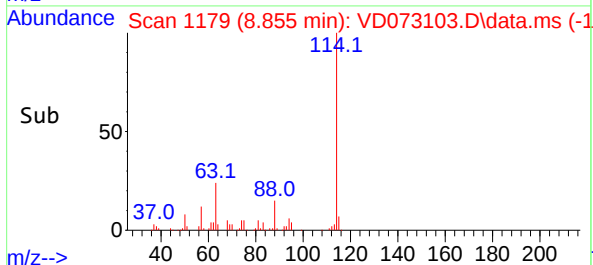
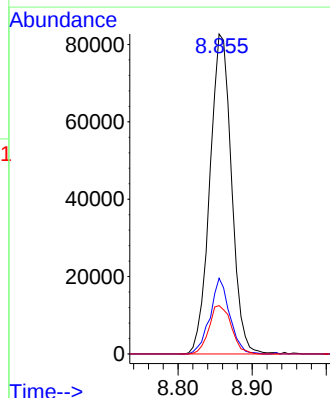
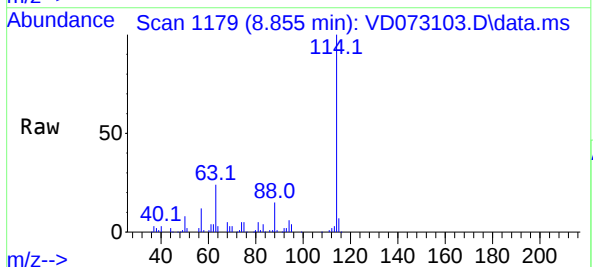
Instrument :
MSVOA_D
ClientSampleId :
SB20

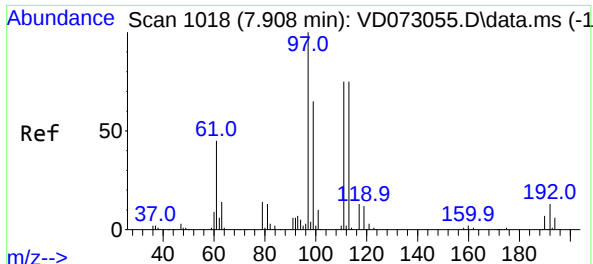
Tgt Ion: 65 Resp: 82759
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Tgt Ion: 114 Resp: 167836
Ion Ratio Lower Upper
114 100
63 23.6 0.0 46.6
88 15.1 0.0 33.2

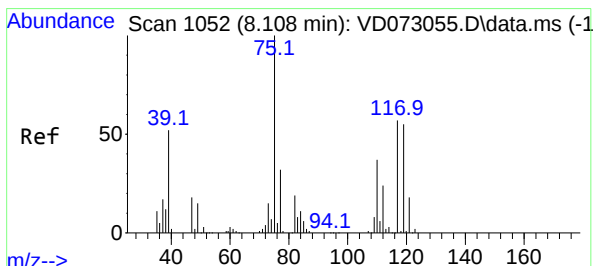
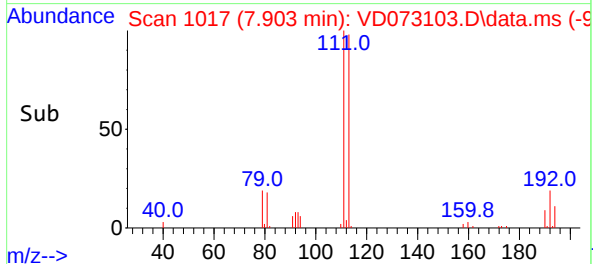
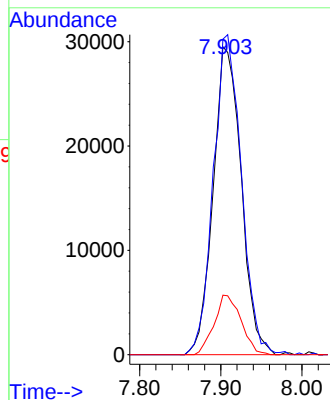
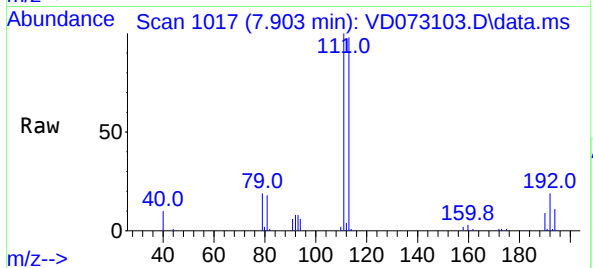




#35
Dibromofluoromethane
Concen: 60.143 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

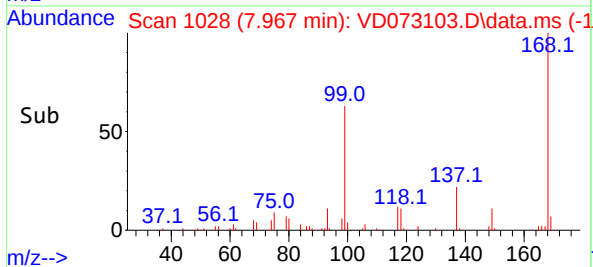
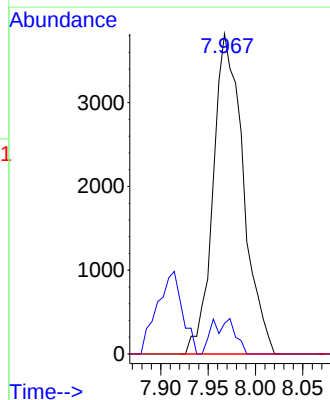
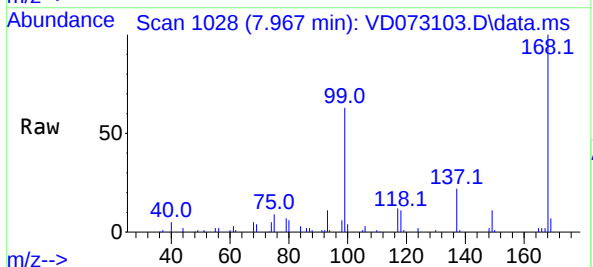
Instrument :
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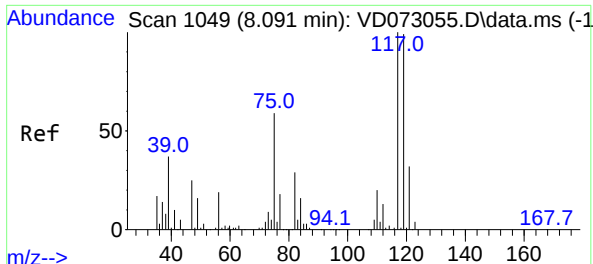
Tgt Ion:113 Resp: 70872
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 18.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.403 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

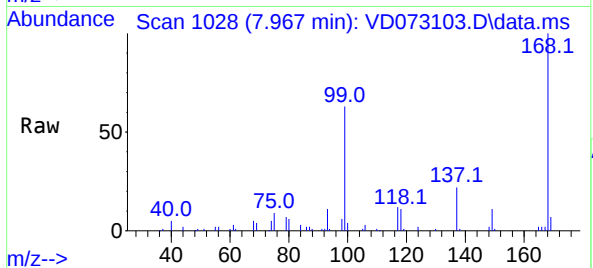
Tgt Ion: 75 Resp: 8454
Ion Ratio Lower Upper
75 100
110 8.3 16.4 49.1#
77 0.0 24.2 36.2#



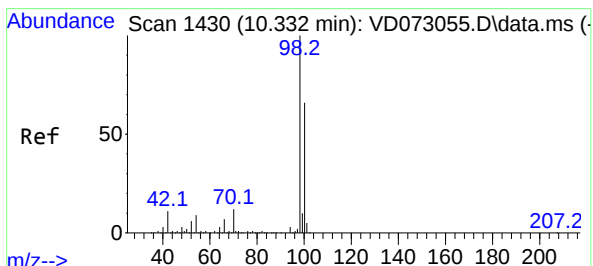
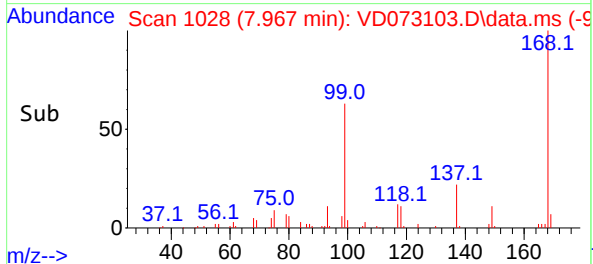
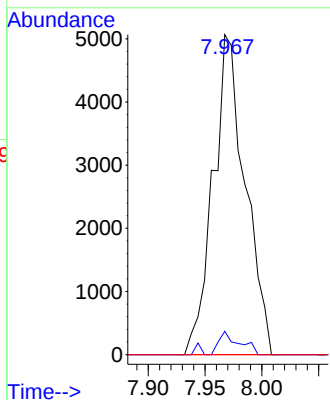


#38
Carbon Tetrachloride
Concen: 5.066 ug/l
RT: 7.967 min Scan# 1049
Delta R.T. -0.124 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Instrument :
MSVOA_D
ClientSampleId :
SB20

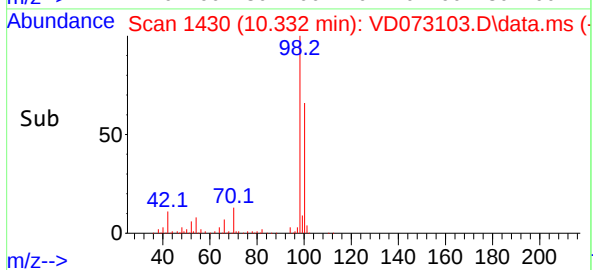
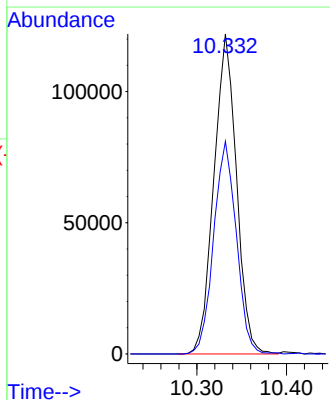
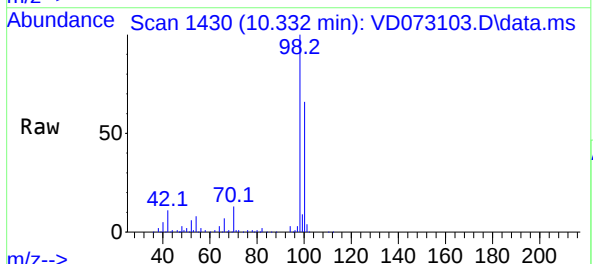


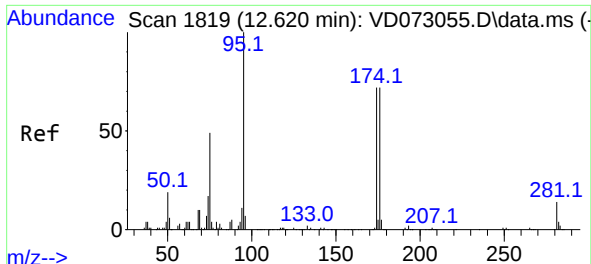
Tgt Ion:117 Resp: 9951
Ion Ratio Lower Upper
117 100
119 7.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.878 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Tgt Ion: 98 Resp: 213228
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

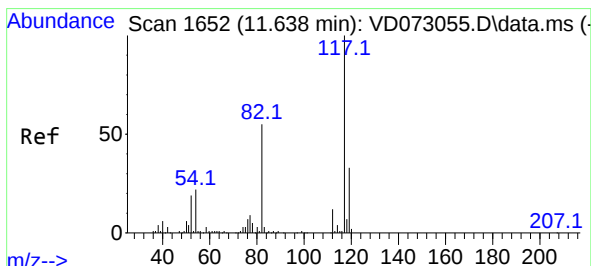
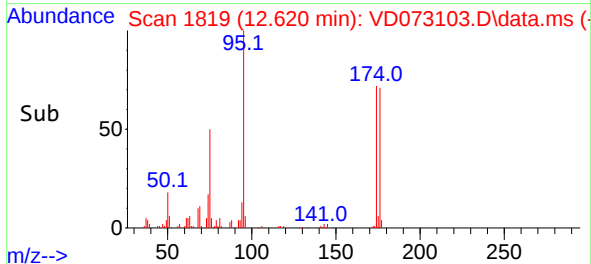
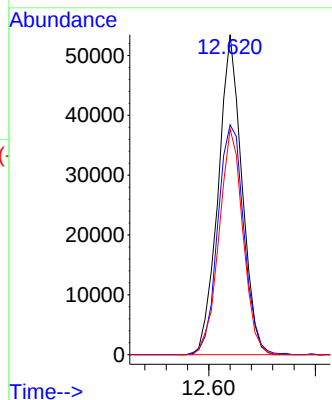
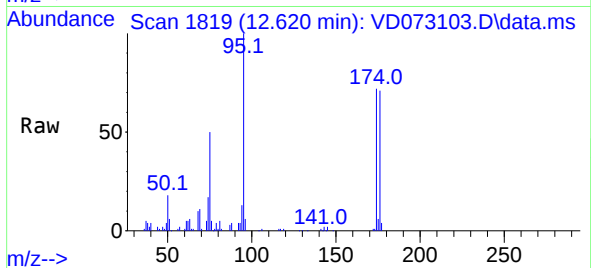




#62
4-Bromofluorobenzene
Concen: 53.144 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

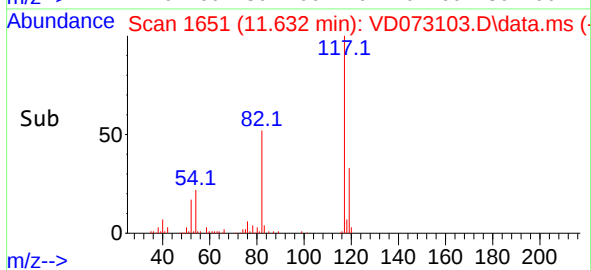
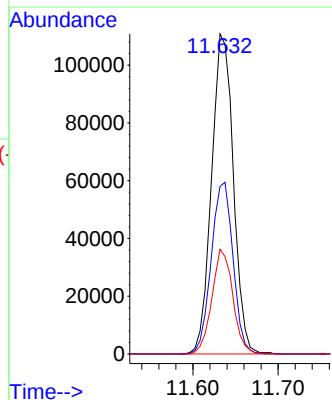
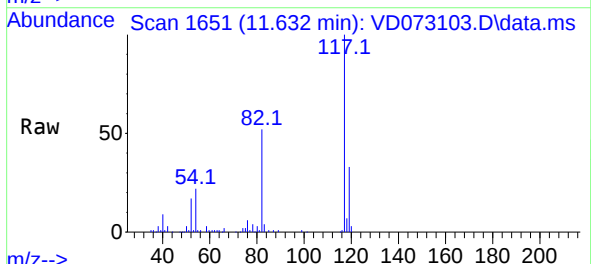
Instrument :
MSVOA_D
ClientSampleId :
SB20

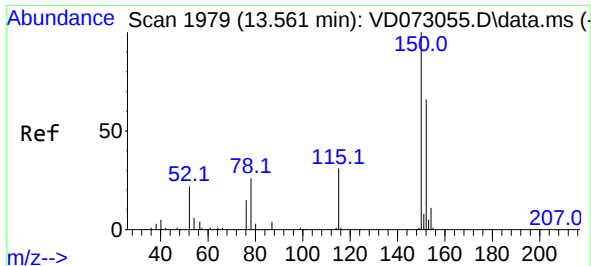
Tgt Ion: 95 Resp: 82288
Ion Ratio Lower Upper
95 100
174 79.4 0.0 152.8
176 71.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Tgt Ion: 117 Resp: 197053
Ion Ratio Lower Upper
117 100
82 52.4 45.3 67.9
119 32.7 26.6 40.0

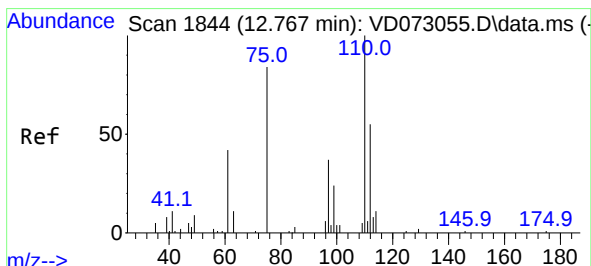
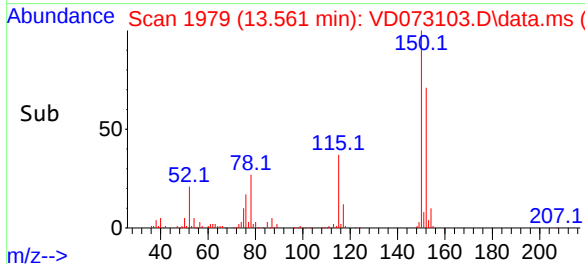
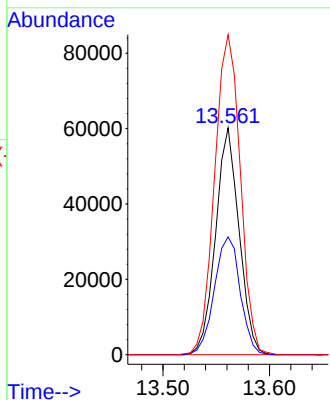
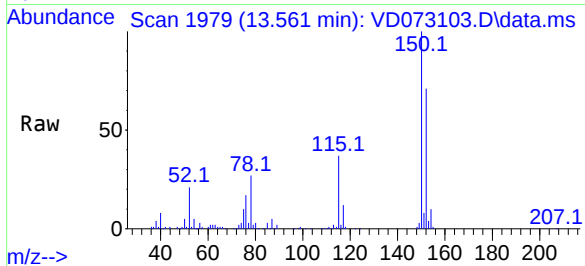




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

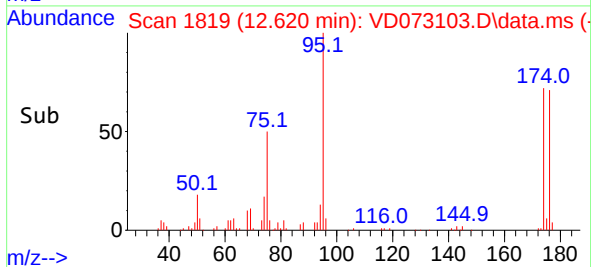
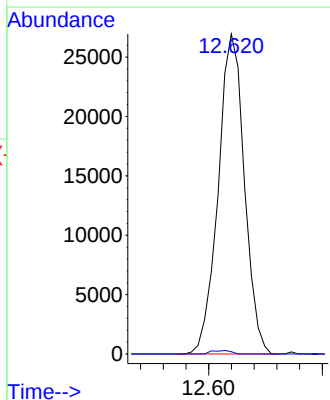
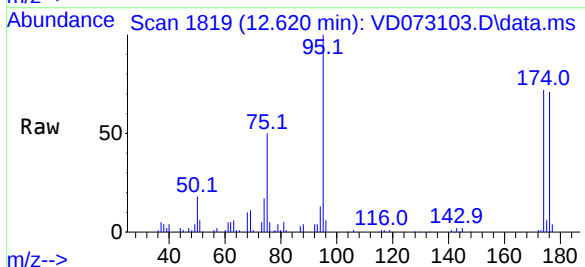
Instrument :
MSVOA_D
ClientSampleId :
SB20

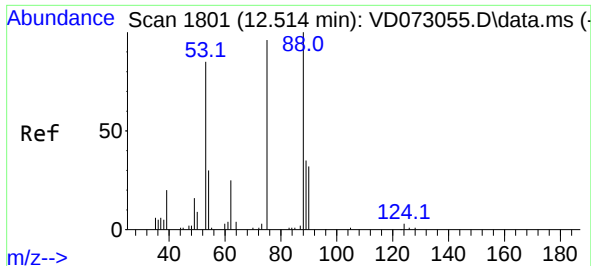
Tgt Ion:152 Resp: 92267
Ion Ratio Lower Upper
152 100
115 57.0 31.3 93.8
150 154.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 41.288 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Tgt Ion: 75 Resp: 43064
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#

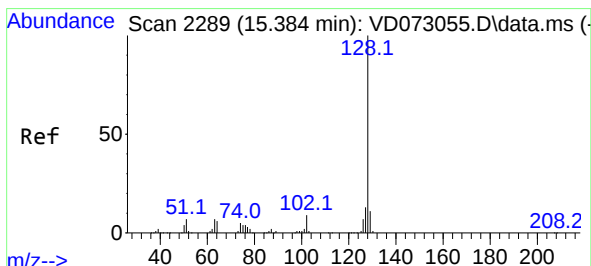
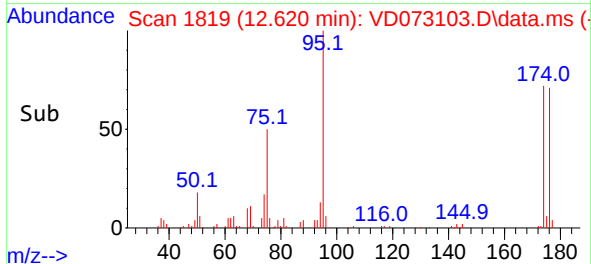
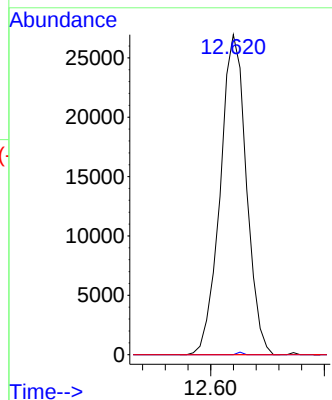
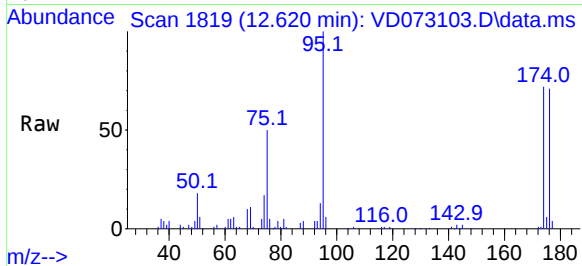




#81
trans-1,4-Dichloro-2-butene
Concen: 98.999 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Instrument :
MSVOA_D
ClientSampleId :
SB20

Tgt Ion: 75 Resp: 43064
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 4.339 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD073103.D
Acq: 18 May 2022 17:11

Tgt Ion: 128 Resp: 311
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

