

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073177.D
 Acq On : 20 May 2022 11:03
 Operator : VA/SY
 Sample : N2842-18
 Misc : 4.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P023-SS002-0006-01

Quant Time: May 20 13:08:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

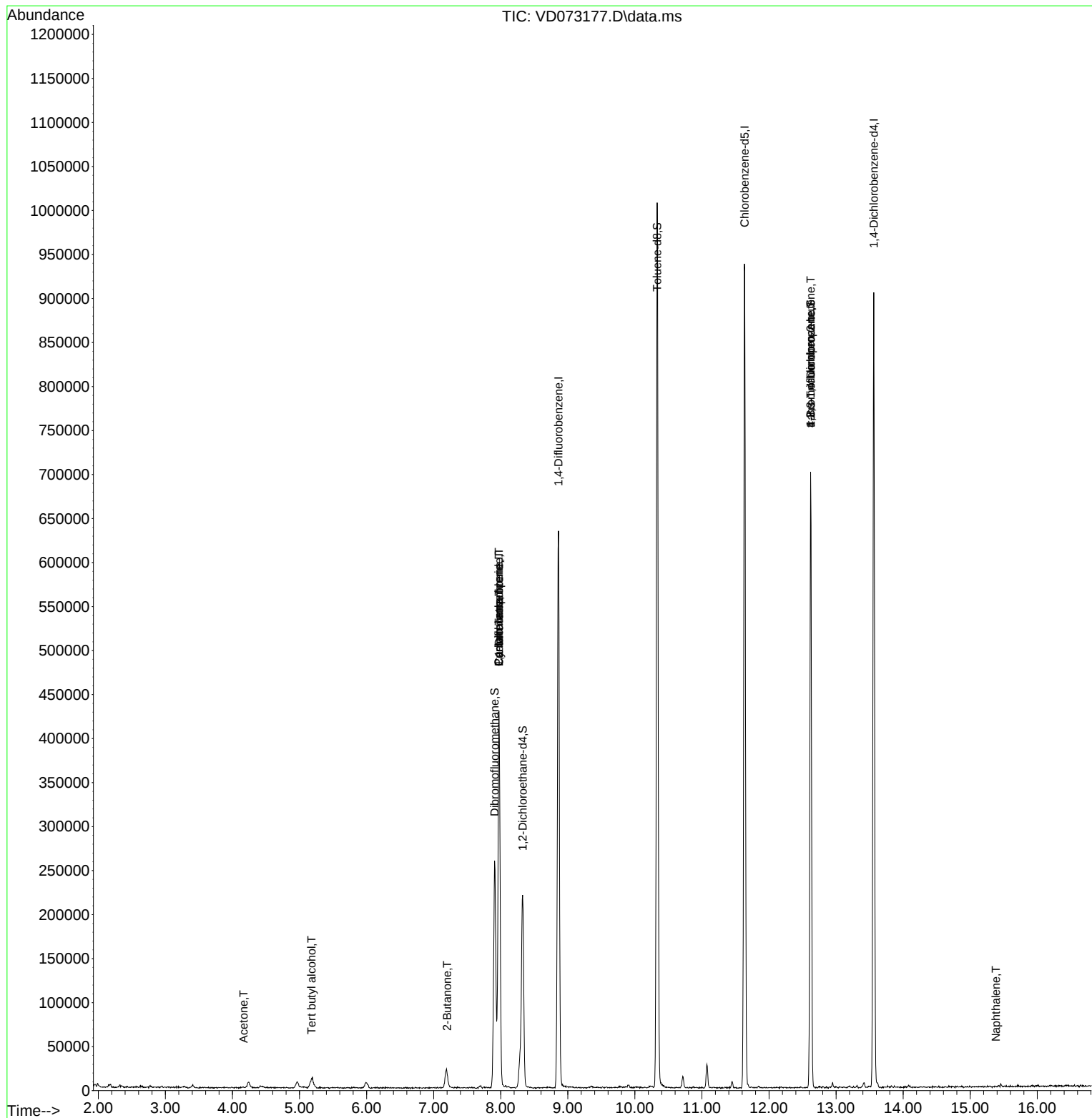
Internal Standards						
1) Pentafluorobenzene	7.973	168	304024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	541178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	551132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	236447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177290	52.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.540%	
35) Dibromofluoromethane	7.909	113	185581	51.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.940%	
50) Toluene-d8	10.332	98	667659	50.719	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.440%	
62) 4-Bromofluorobenzene	12.620	95	232784	50.389	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.780%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.774	94	921	Below Cal		83
11) Tert butyl alcohol	5.179	59	11140	21.370	ug/l #	77
16) Acetone	4.168	43	1238	2.127	ug/l #	88
20) Methylene Chloride	4.968	84	4971	Below Cal	#	76
25) 2-Butanone	7.203	43	1309	1.537	ug/l #	52
31) Cyclohexane	7.973	56	7653	1.303	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	26454	4.926	ug/l #	51
38) Carbon Tetrachloride	7.973	117	32192	5.913	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	117762	50.760	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	117762	121.860	ug/l #	7
95) Naphthalene	15.385	128	230	3.569	ug/l #	70

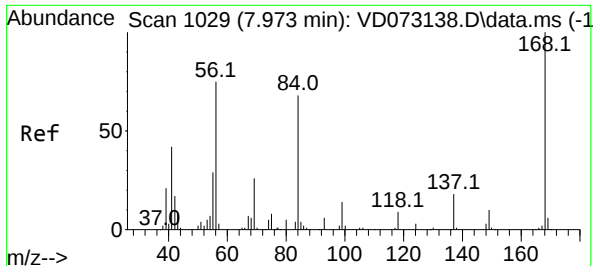
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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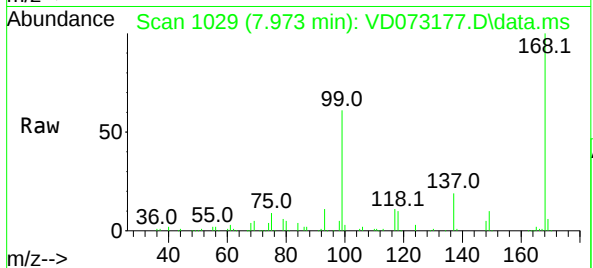
Quant Time: May 20 13:08:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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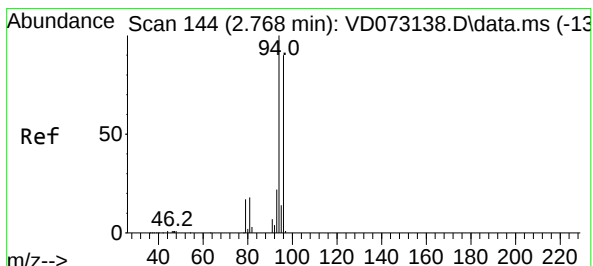
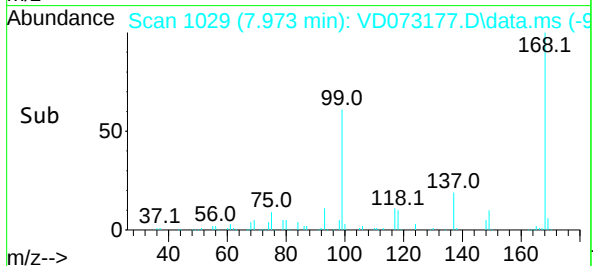
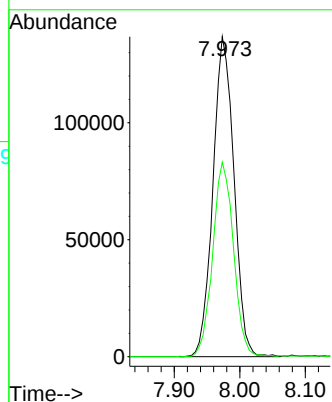


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

Instrument :
MSVOA_D
ClientSampleId :
P023-SS002-0006-01

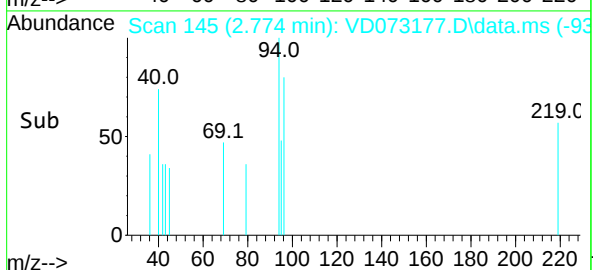
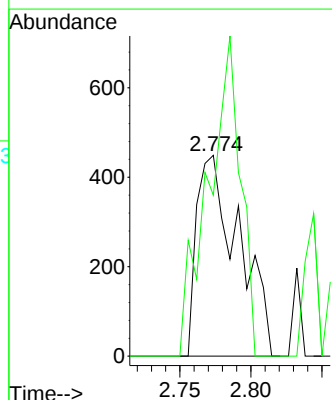
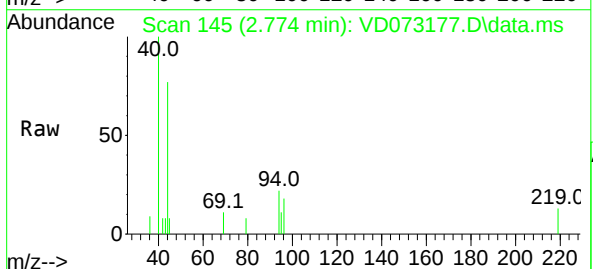


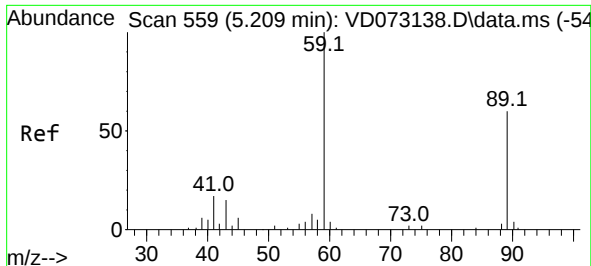
Tgt Ion:168 Resp: 304024
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

Tgt Ion: 94 Resp: 921
Ion Ratio Lower Upper
94 100
96 80.2 77.6 116.4

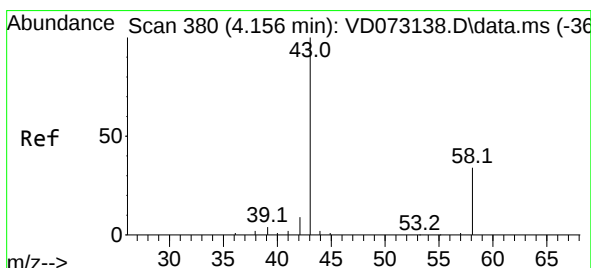
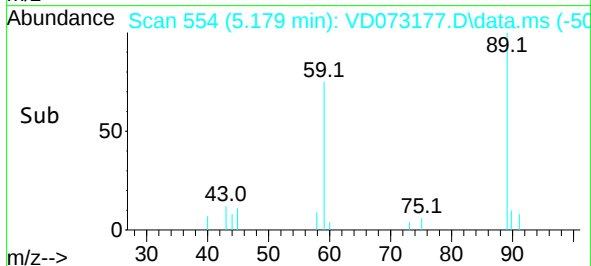
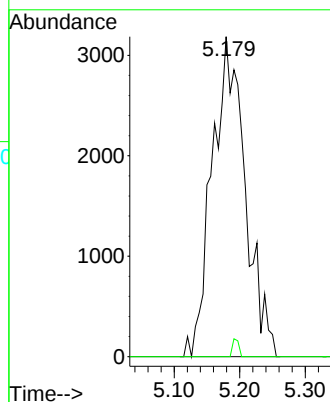
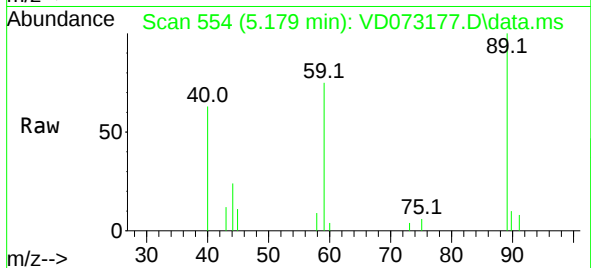




#11
Tert butyl alcohol
Concen: 21.370 ug/l
RT: 5.179 min Scan# 511
Delta R.T. -0.030 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

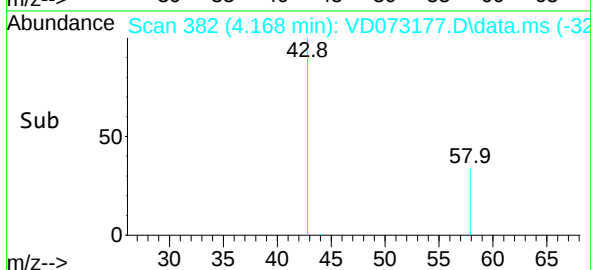
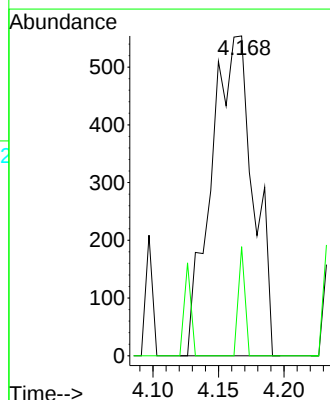
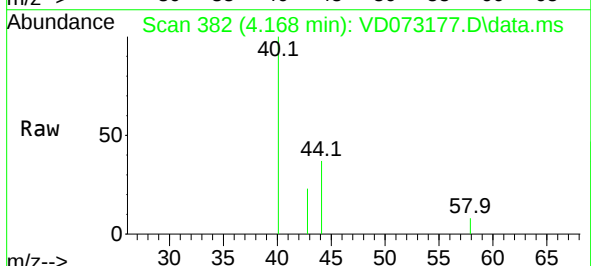
Instrument :
MSVOA_D
ClientSampleId :
P023-SS002-0006-01

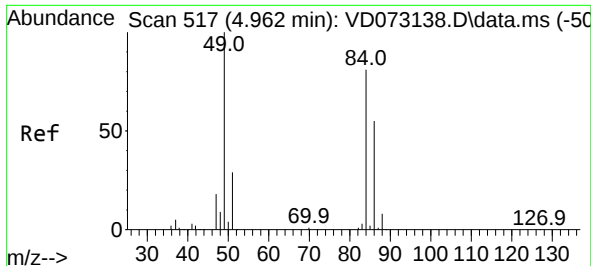
Tgt Ion: 59 Resp: 11140
Ion Ratio Lower Upper
59 100
57 1.1 7.8 11.6#



#16
Acetone
Concen: 2.127 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

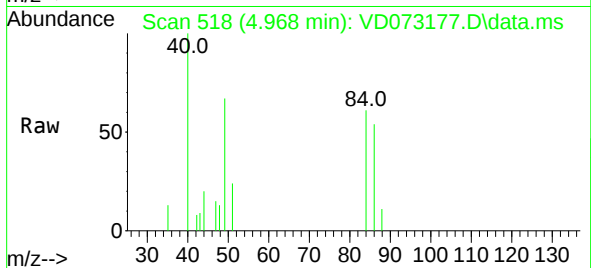
Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
58 34.1 22.1 33.1#





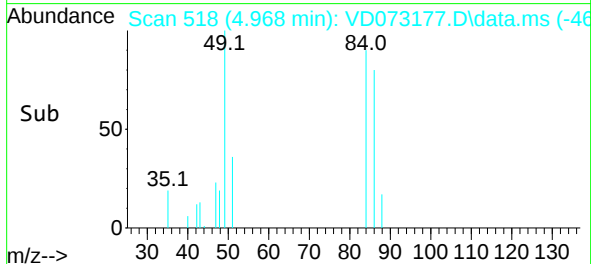
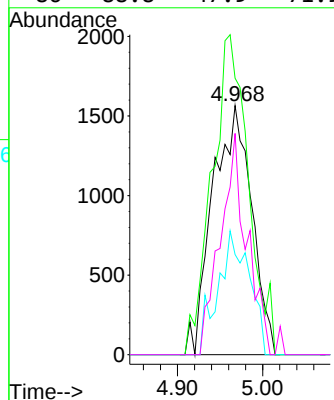
#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

Instrument :
MSVOA_D
ClientSampleId :
P023-SS002-0006-01



Tgt Ion: 84 Resp: 4971

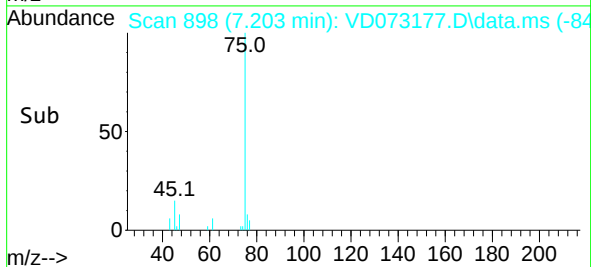
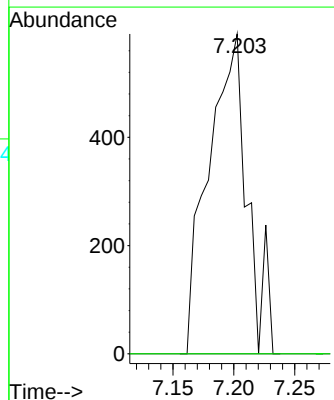
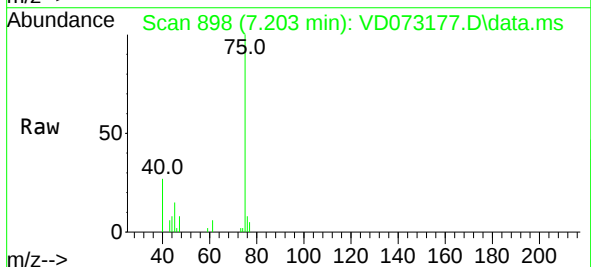
Ion	Ratio	Lower	Upper
84	100		
49	111.0	112.8	169.2#
51	40.2	32.6	48.8
86	88.8	47.9	71.9#

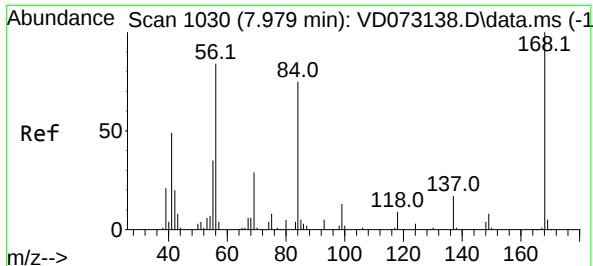


#25
2-Butanone
Concen: 1.537 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

Tgt Ion: 43 Resp: 1309

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

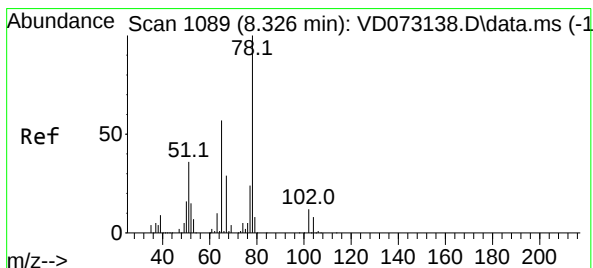
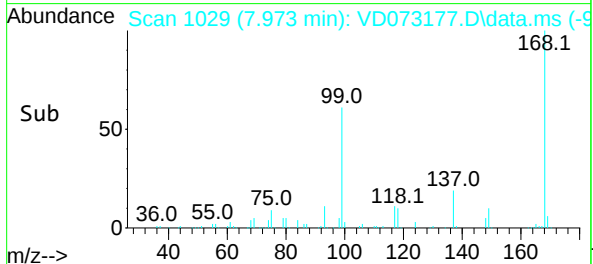
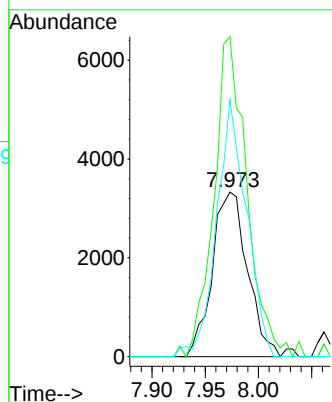
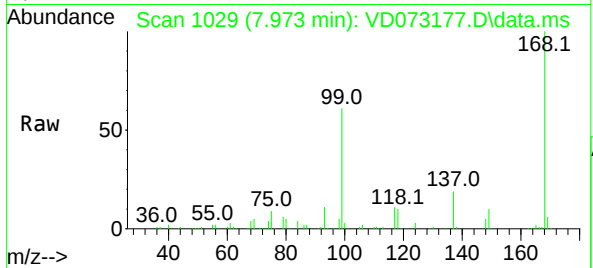




#31
Cyclohexane
Concen: 1.303 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

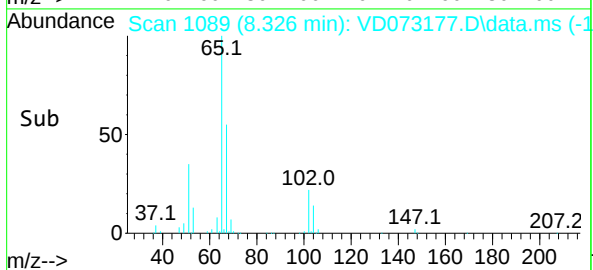
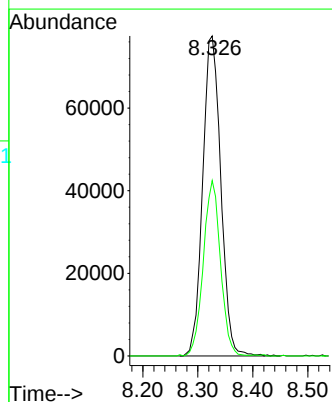
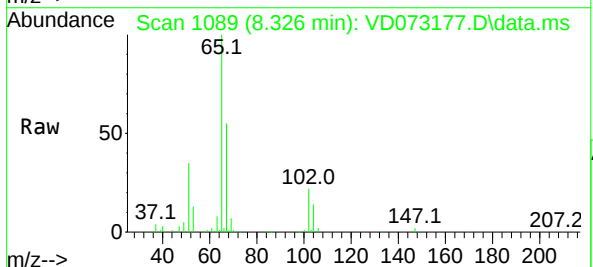
Instrument :
MSVOA_D
ClientSampleId :
P023-SS002-0006-01

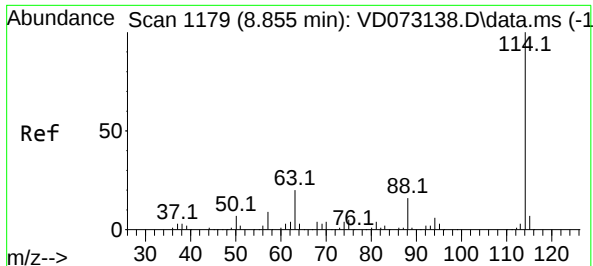
Tgt Ion: 56 Resp: 7653
Ion Ratio Lower Upper
56 100
69 189.0 25.4 38.2#
84 155.9 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 52.767 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

Tgt Ion: 65 Resp: 177290
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4

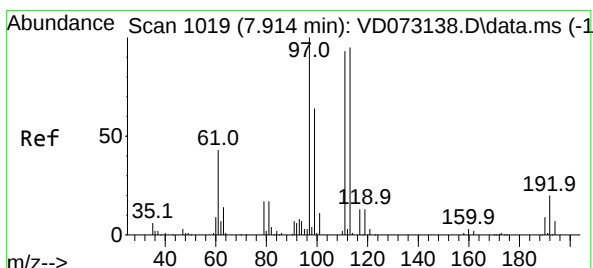
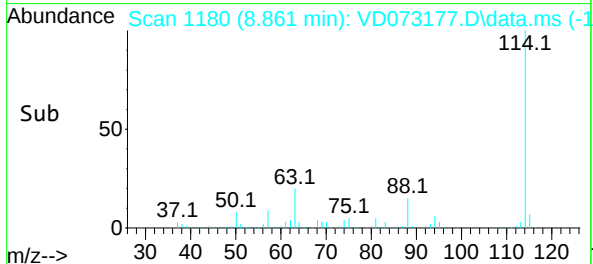
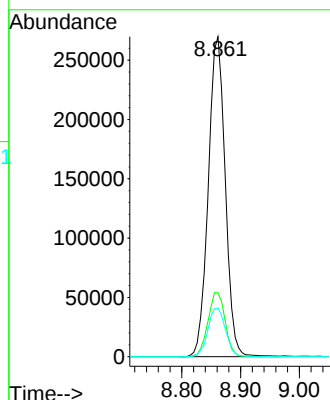
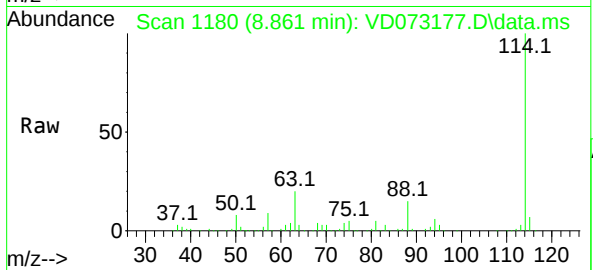




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

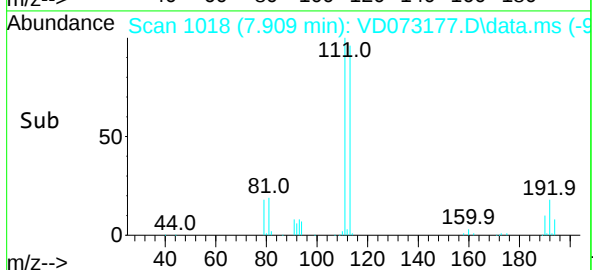
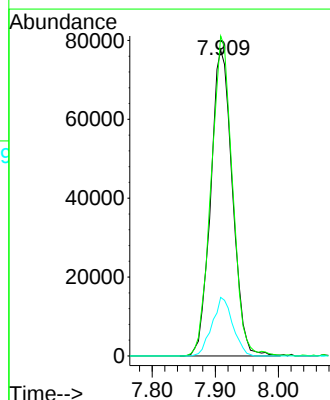
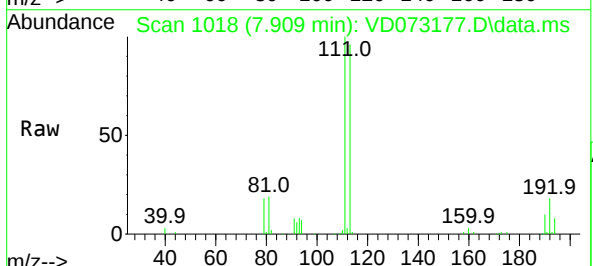
Instrument :
MSVOA_D
ClientSampleId :
P023-SS002-0006-01

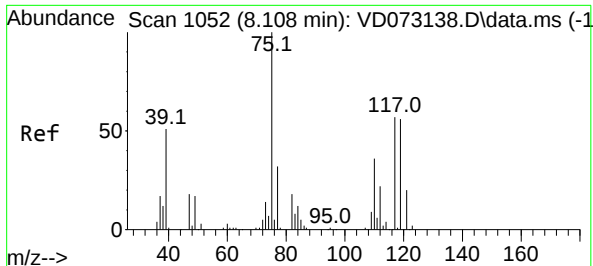
Tgt Ion:114 Resp: 541178
Ion Ratio Lower Upper
114 100
63 20.0 0.0 46.6
88 15.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.968 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

Tgt Ion:113 Resp: 185581
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.926 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073177.D

Acq: 20 May 2022 11:03

Instrument :

MSVOA_D

ClientSampleId :

P023-SS002-0006-01

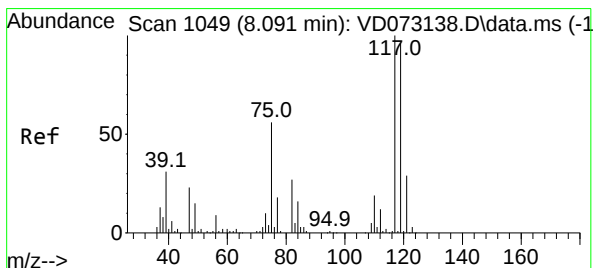
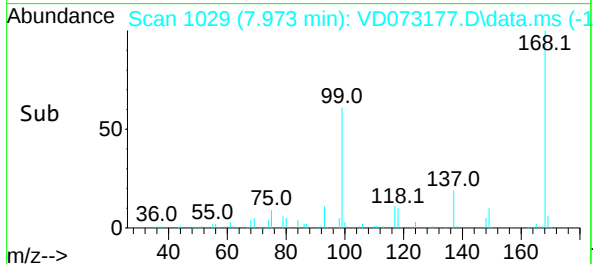
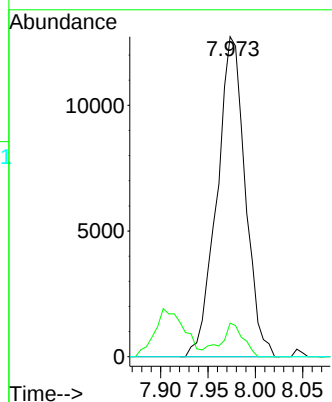
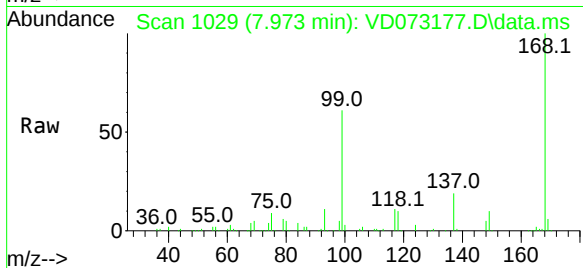
Tgt Ion: 75 Resp: 26454

Ion Ratio Lower Upper

75 100

110 8.2 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.913 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073177.D

Acq: 20 May 2022 11:03

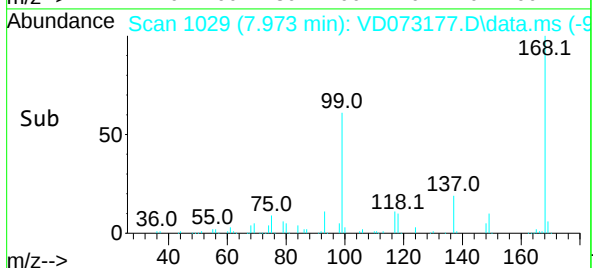
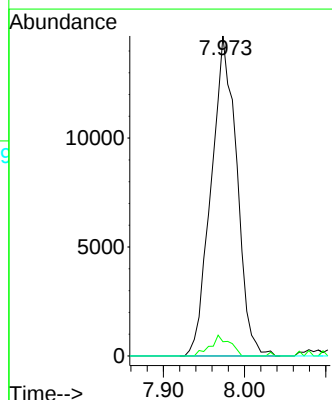
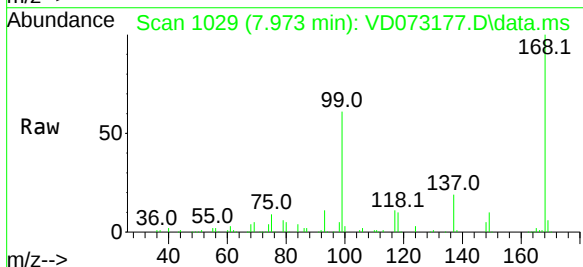
Tgt Ion: 117 Resp: 32192

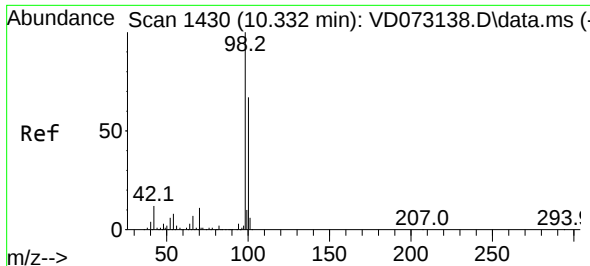
Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

121 0.0 24.5 36.7#

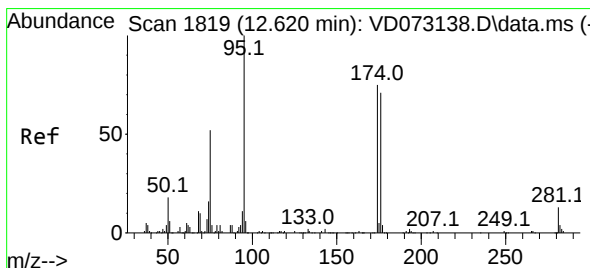
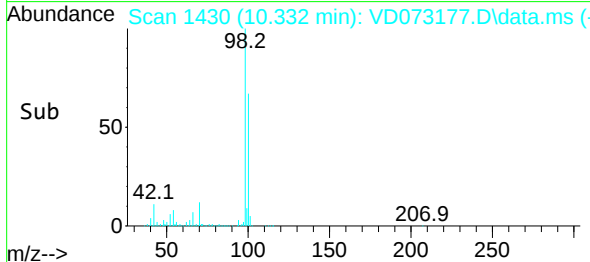
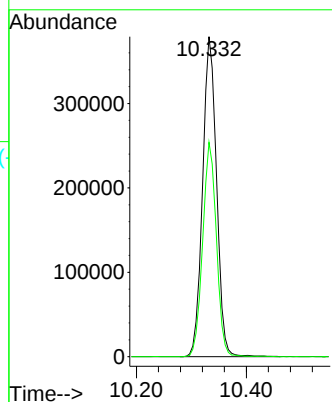
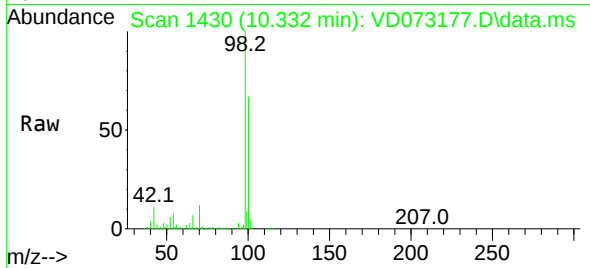




#50
Toluene-d8
Concen: 50.719 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

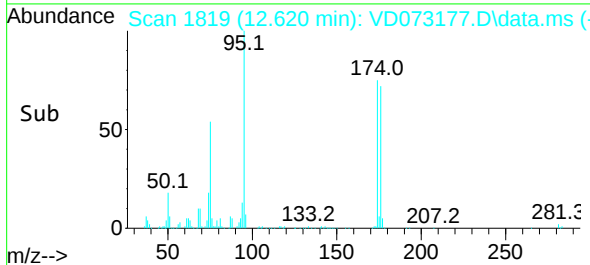
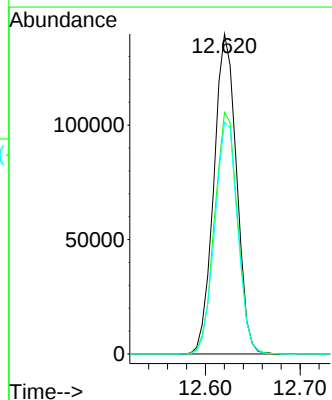
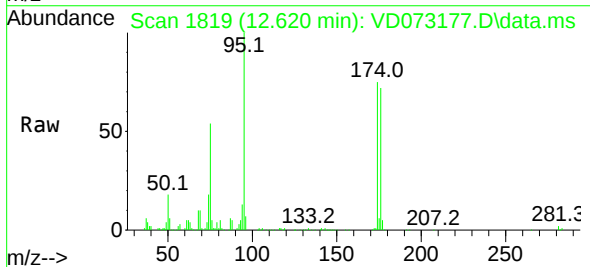
Instrument :
MSVOA_D
ClientSampleId :
P023-SS002-0006-01

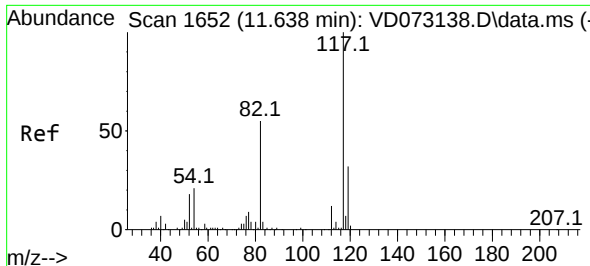
Tgt Ion: 98 Resp: 667659
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.389 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

Tgt Ion: 95 Resp: 232784
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 73.2 0.0 145.4

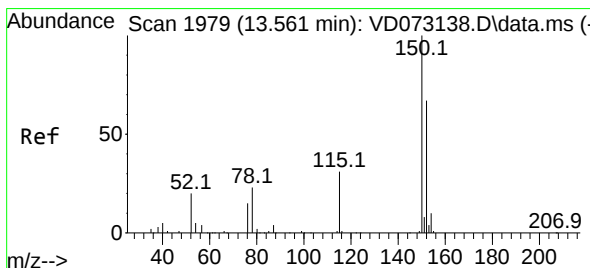
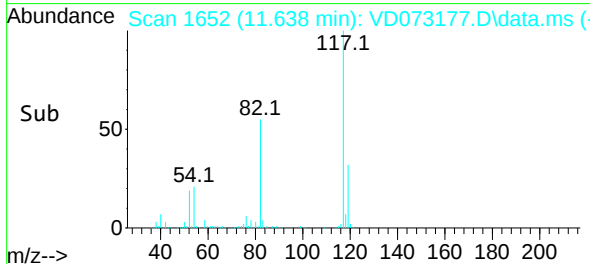
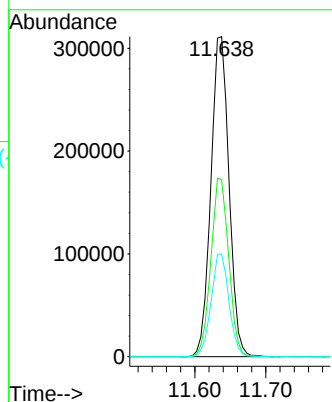
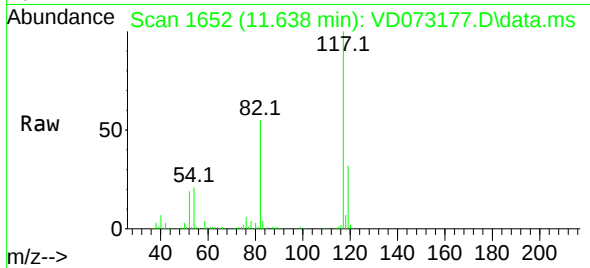




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

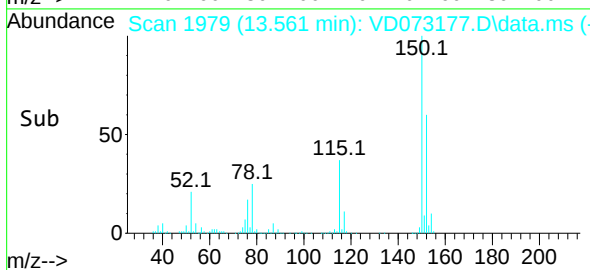
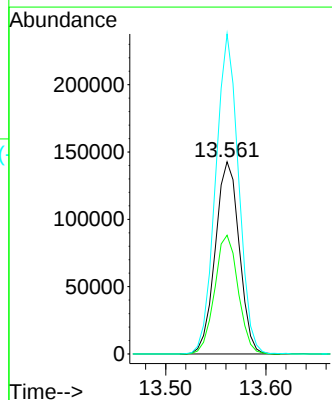
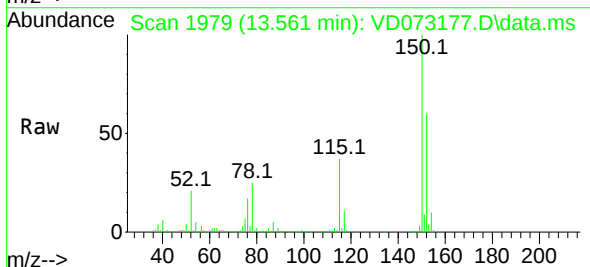
Instrument :
MSVOA_D
ClientSampleId :
P023-SS002-0006-01

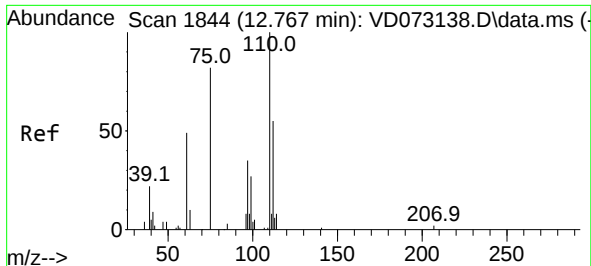
Tgt Ion:117 Resp: 551132
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

Tgt Ion:152 Resp: 236447
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 159.7 0.0 348.6

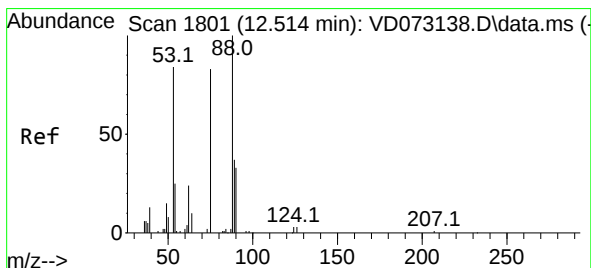
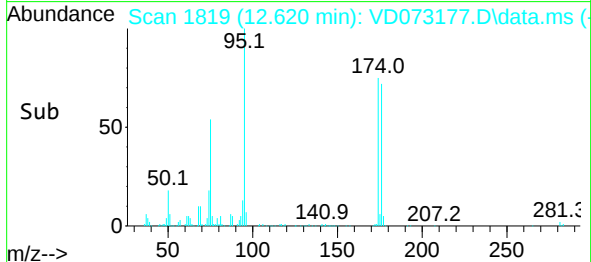
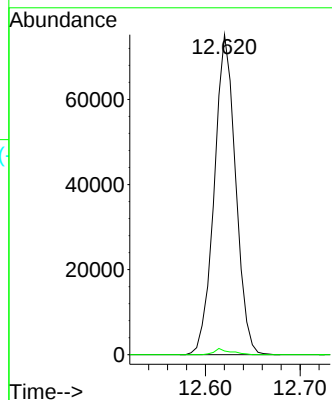
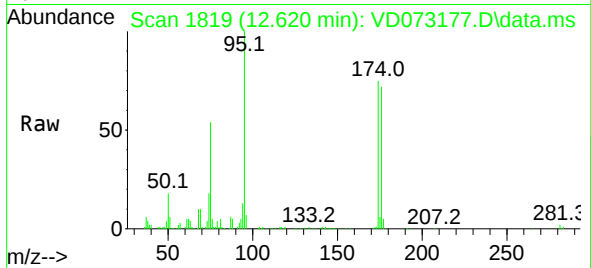




#76
1,2,3-Trichloropropane
Concen: 50.760 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

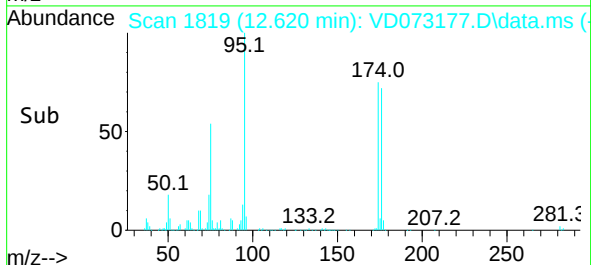
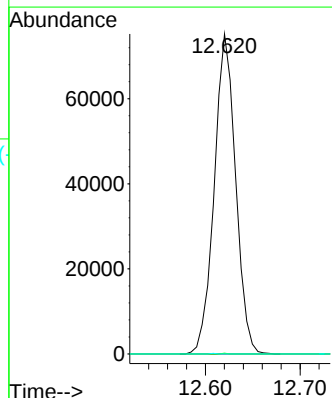
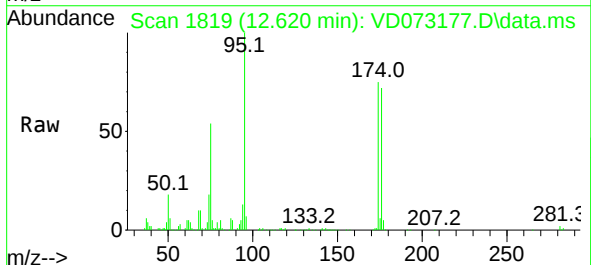
Instrument :
MSVOA_D
ClientSampleId :
P023-SS002-0006-01

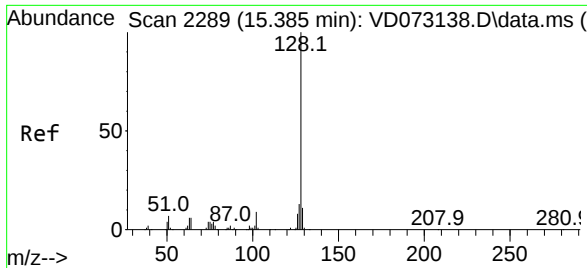
Tgt Ion: 75 Resp: 117762
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.860 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073177.D
Acq: 20 May 2022 11:03

Tgt Ion: 75 Resp: 117762
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#





#95

Naphthalene

Concen: 3.569 ug/l

RT: 15.385 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD073177.D

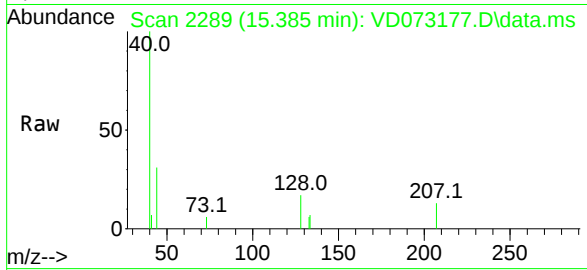
Acq: 20 May 2022 11:03

Instrument :

MSVOA_D

ClientSampleId :

P023-SS002-0006-01



Tgt Ion:	128	Resp:	230
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

