

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069052.D
 Acq On : 03 May 2021 20:11
 Operator : VA/SY
 Sample : M2236-01
 Misc : 6.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 04 04:16:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 03:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	104800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	199582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	179472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	60785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	87126	65.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.66%
35) Dibromofluoromethane	7.908	113	81386	61.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.32%
50) Toluene-d8	10.338	98	228898	46.82	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.64%
62) 4-Bromofluorobenzene	12.632	95	68078	41.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.50%

Target Compounds

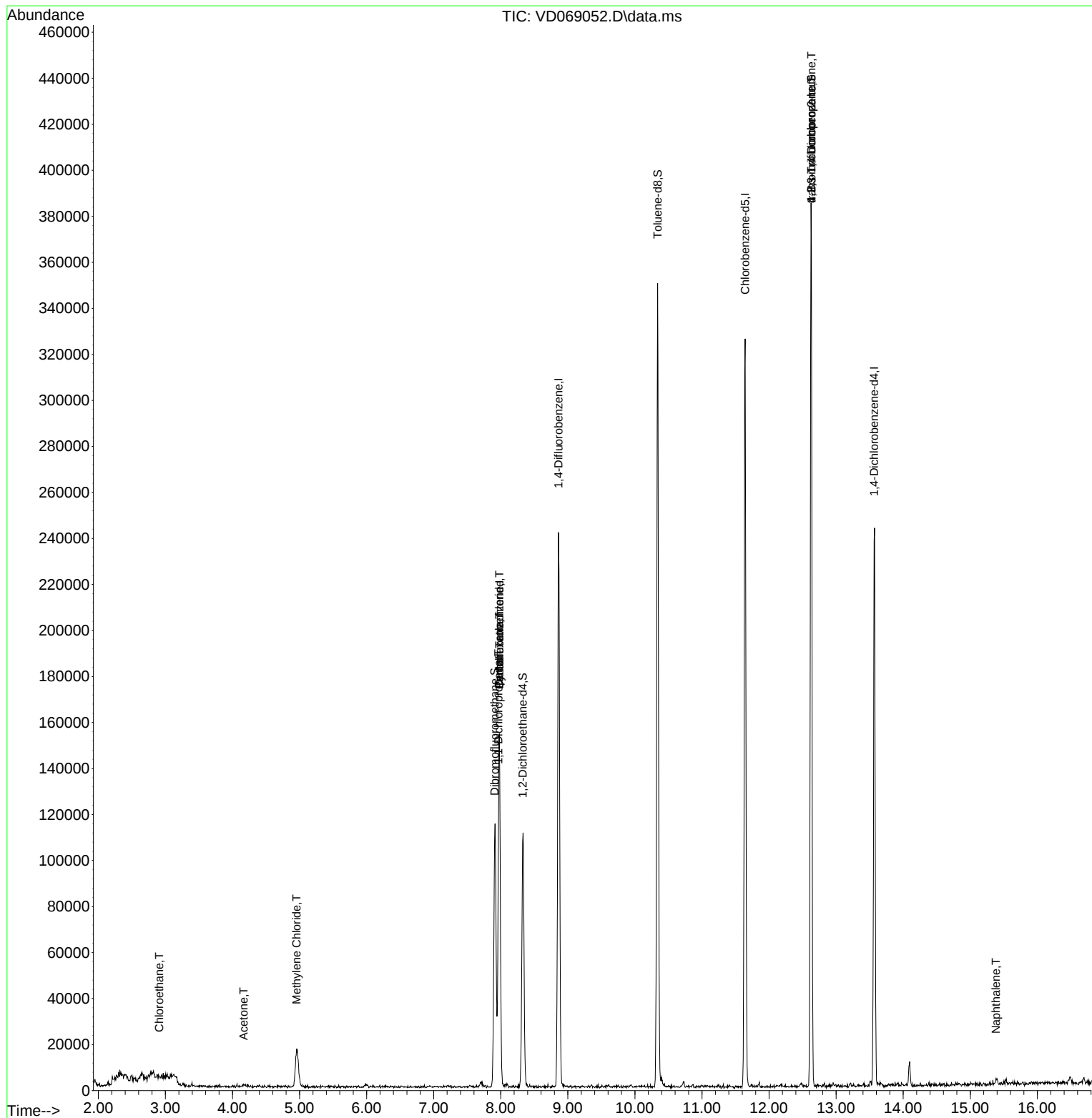
					Qvalue	
6) Chloroethane	2.909	64	281	2.98	ug/l	# 42
11) Tert butyl alcohol	5.220	59	57	Below	Cal	# 73
16) Acetone	4.167	43	2061	9.83	ug/l	100
20) Methylene Chloride	4.956	84	13123	3.30	ug/l	# 89
31) Cyclohexane	7.979	56	3370	1.73	ug/l	# 53
36) 1,1-Dichloropropene	7.967	75	10307	5.19	ug/l	# 49
38) Carbon Tetrachloride	7.979	117	11567	5.43	ug/l	# 15
76) 1,2,3-Trichloropropane	12.632	75	39812	68.61	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	39812	162.42	ug/l	# 17
95) Naphthalene	15.384	128	2800	1.45	ug/l	# 87

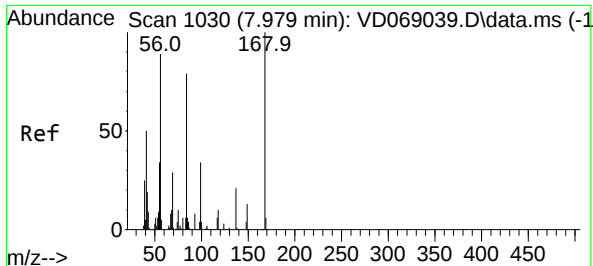
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.26G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 04 04:16:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
Quant Title : SW846 8260
QLast Update : Tue May 04 03:51:01 2021
Response via : Initial Calibration

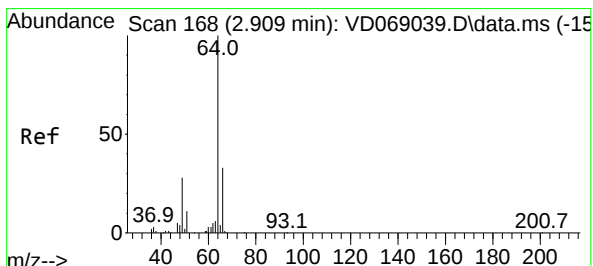
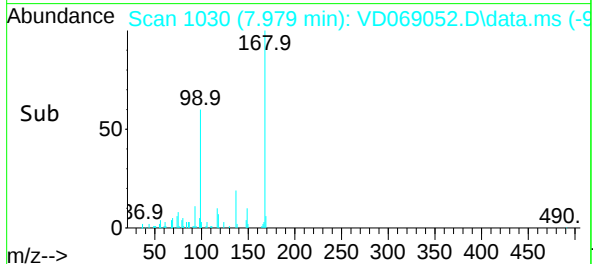
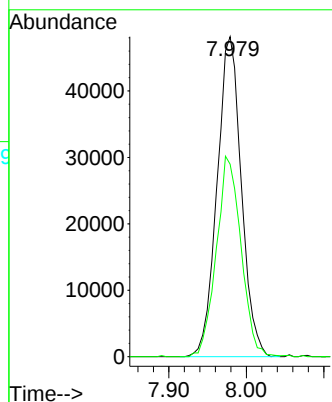
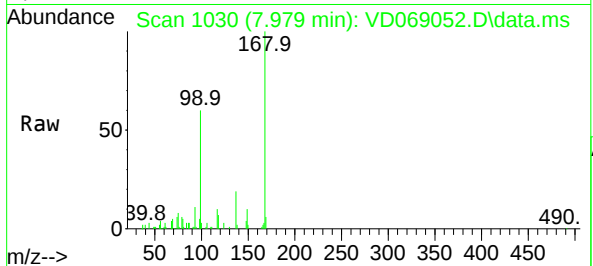




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

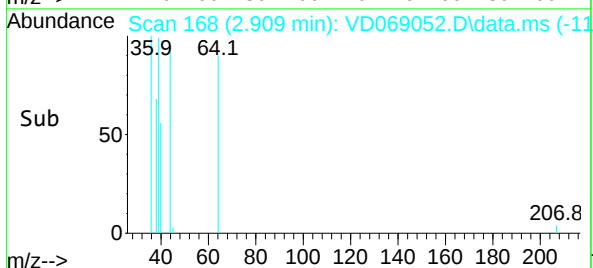
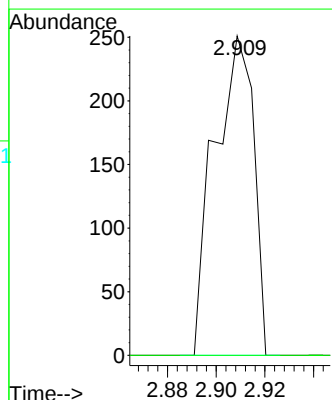
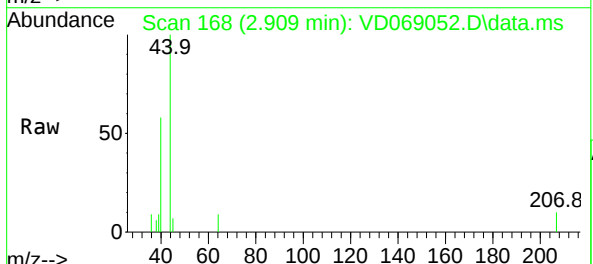
Instrument :
MSVOA_D
ClientSampled :

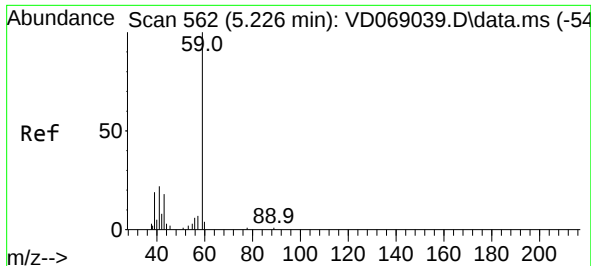
Tgt Ion:168 Resp: 104800
Ion Ratio Lower Upper
168 100
99 60.2 46.2 69.2



#6
Chloroethane
Concen: 2.98 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.000 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Tgt Ion: 64 Resp: 281
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#

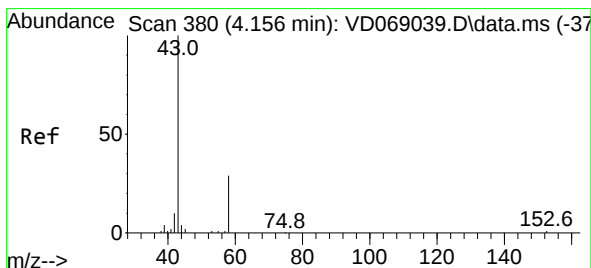
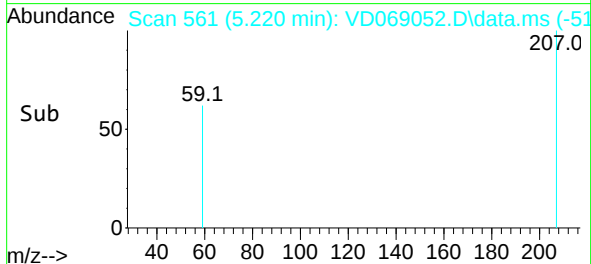
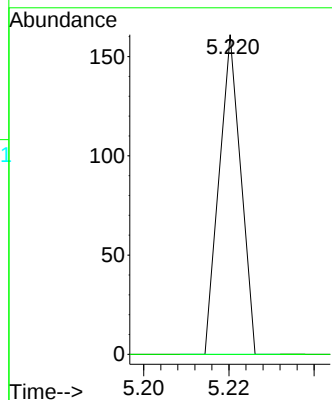
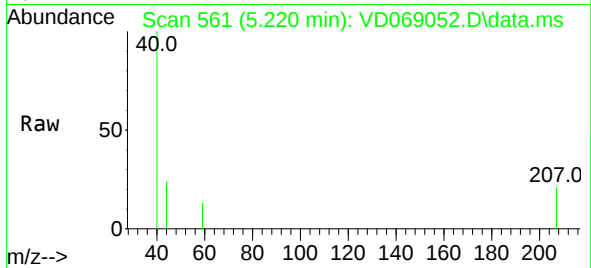




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

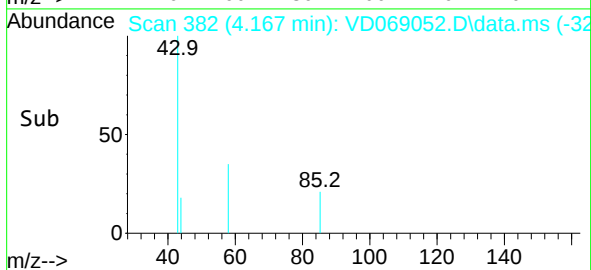
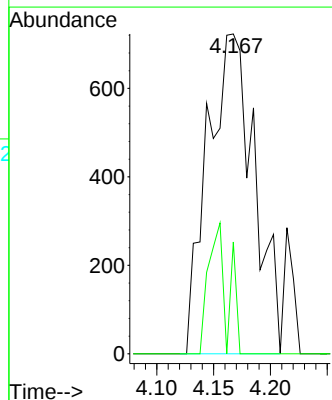
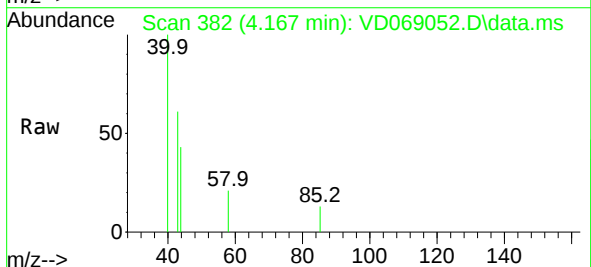
Instrument :
MSVOA_D
ClientSampled :

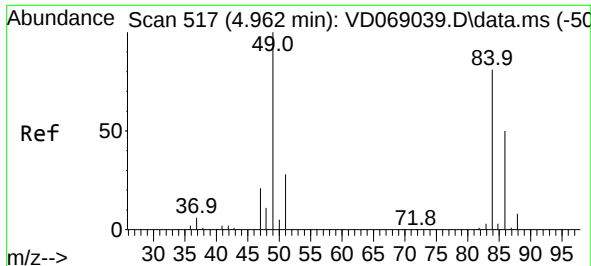
Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 9.83 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Tgt Ion: 43 Resp: 2061
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0





#20

Methylene Chloride

Concen: 3.30 ug/l

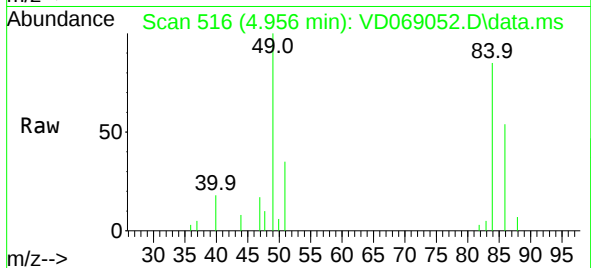
RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD069052.D

Acq: 03 May 2021 20:11

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 13123

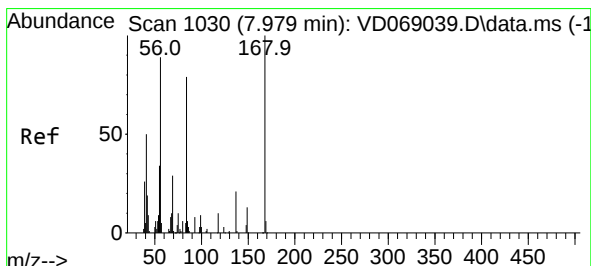
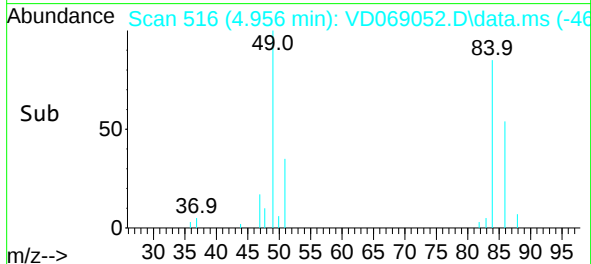
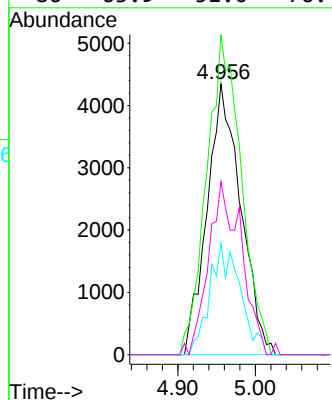
Ion Ratio Lower Upper

84 100

49 118.3 83.4 125.0

51 41.0 23.4 35.2#

86 63.9 51.0 76.4



#31

Cyclohexane

Concen: 1.73 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD069052.D

Acq: 03 May 2021 20:11

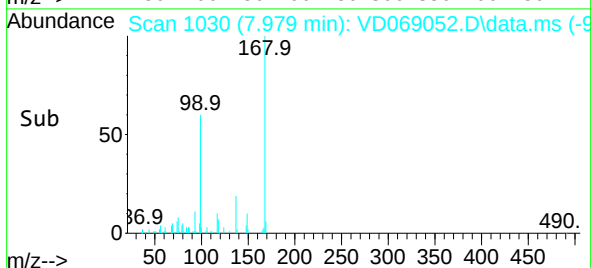
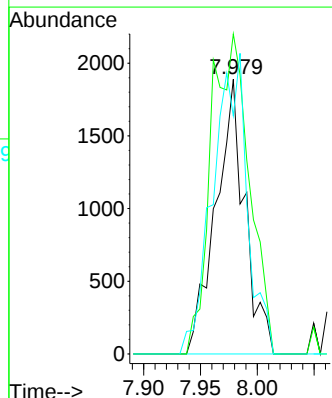
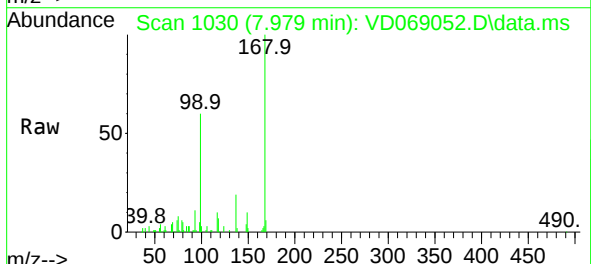
Tgt Ion: 56 Resp: 3370

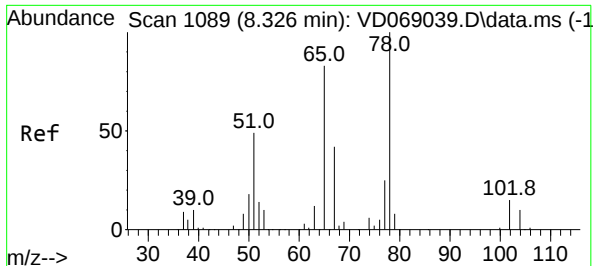
Ion Ratio Lower Upper

56 100

69 116.5 30.0 45.0#

84 86.7 82.0 123.0

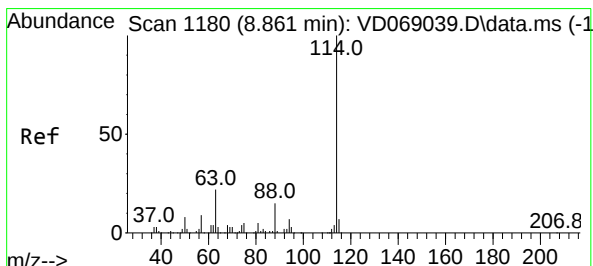
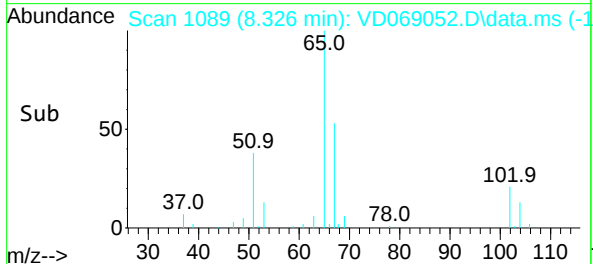
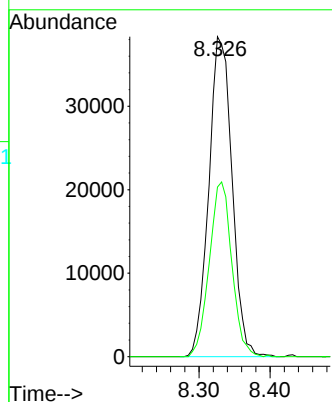
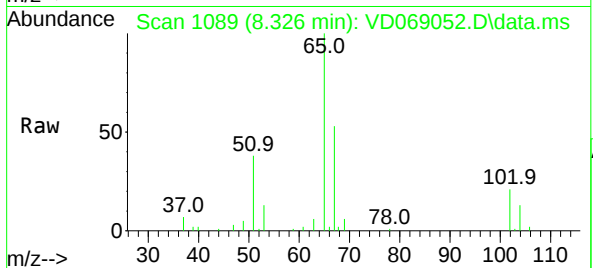




#33
1,2-Dichloroethane-d4
Concen: 65.83 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

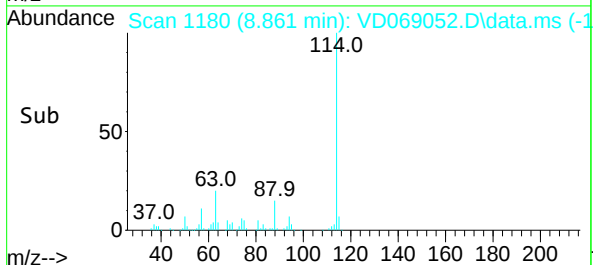
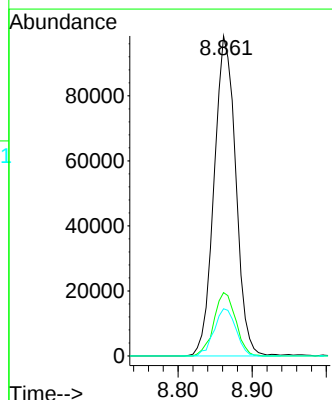
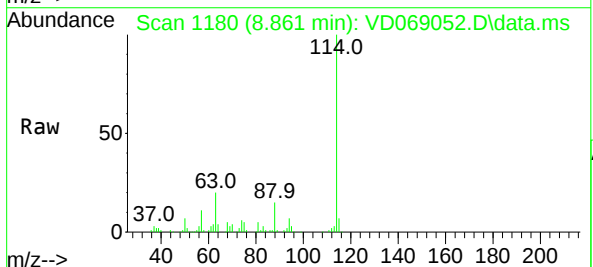
Instrument :
MSVOA_D
ClientSampleId :

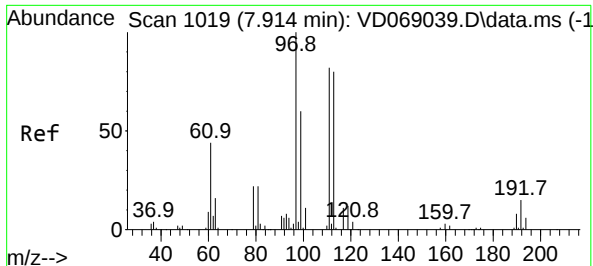
Tgt Ion: 65 Resp: 87126
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Tgt Ion: 114 Resp: 199582
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.2
88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 61.66 ug/l

RT: 7.908 min Scan# 1018

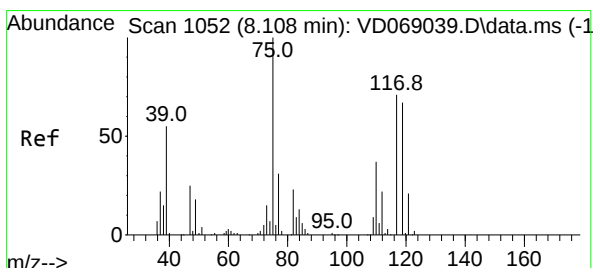
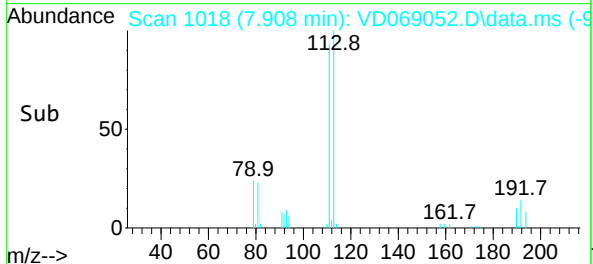
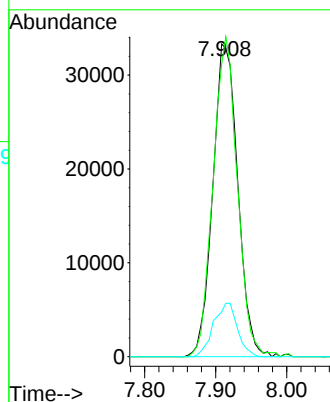
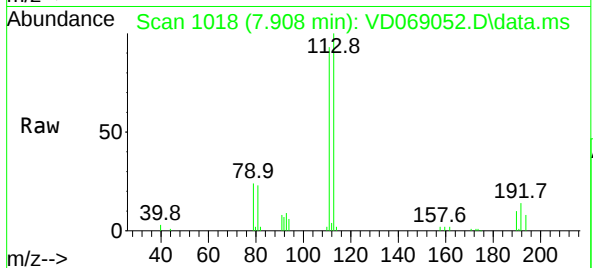
Delta R.T. -0.006 min

Lab File: VD069052.D

Acq: 03 May 2021 20:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	113	Resp:	81386
Ion	Ratio	Lower	Upper
113	100		
111	99.1	82.5	123.7
192	16.3	15.1	22.7



#36

1,1-Dichloropropene

Concen: 5.19 ug/l

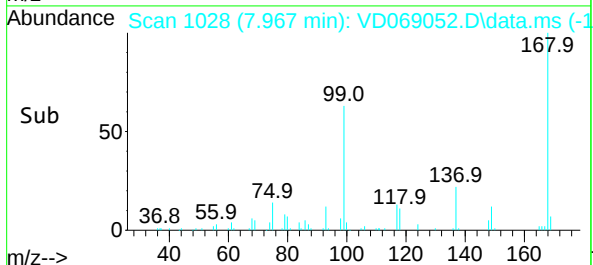
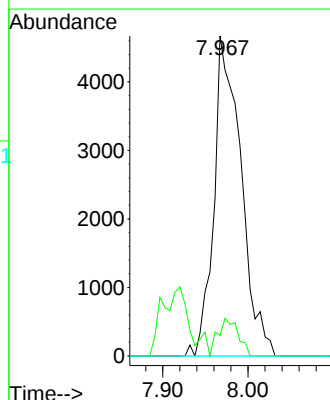
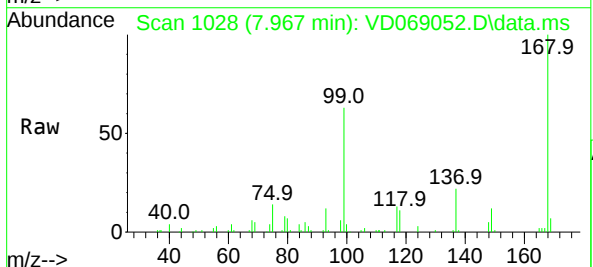
RT: 7.967 min Scan# 1028

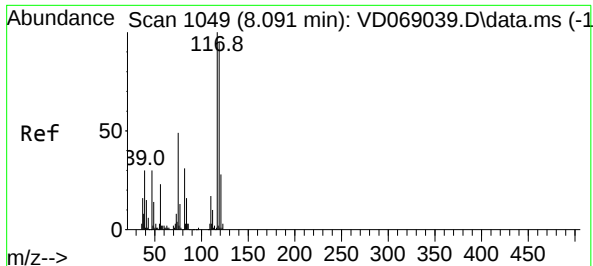
Delta R.T. -0.141 min

Lab File: VD069052.D

Acq: 03 May 2021 20:11

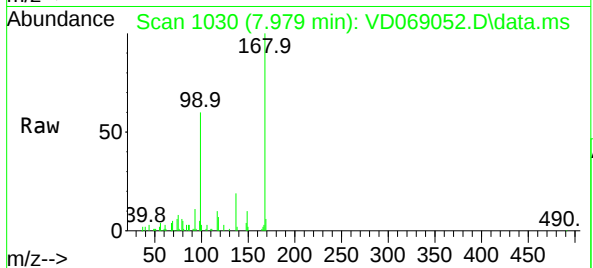
Tgt Ion:	75	Resp:	10307
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	24.7	37.1#



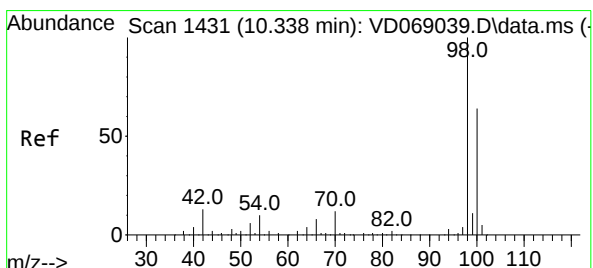
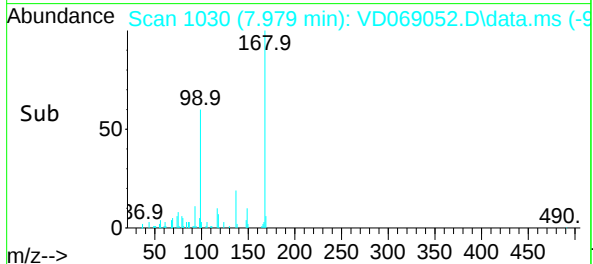
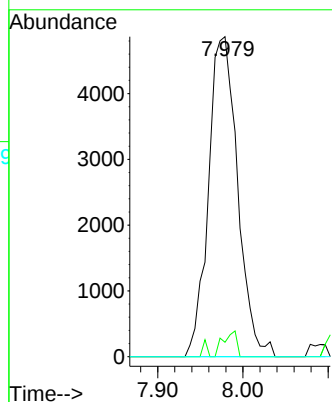


#38
Carbon Tetrachloride
Concen: 5.43 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Instrument :
MSVOA_D
ClientSampled :

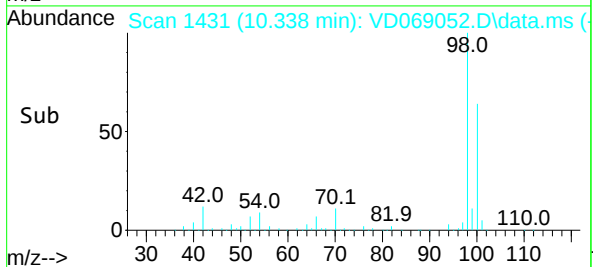
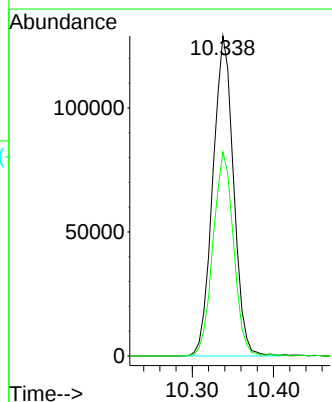
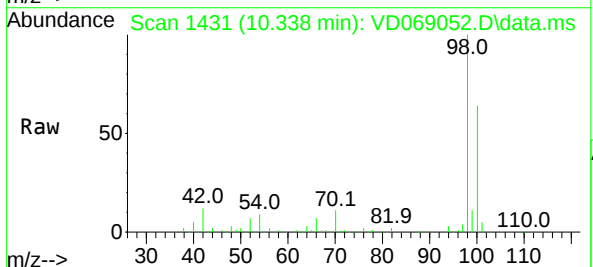


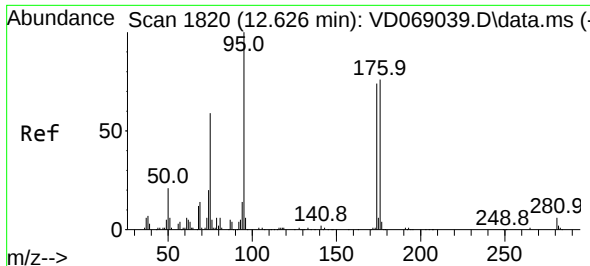
Tgt Ion:117 Resp: 11567
Ion Ratio Lower Upper
117 100
119 4.5 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 46.82 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Tgt Ion: 98 Resp: 228898
Ion Ratio Lower Upper
98 100
100 62.9 51.8 77.6

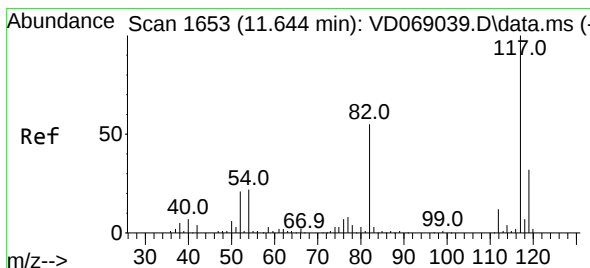
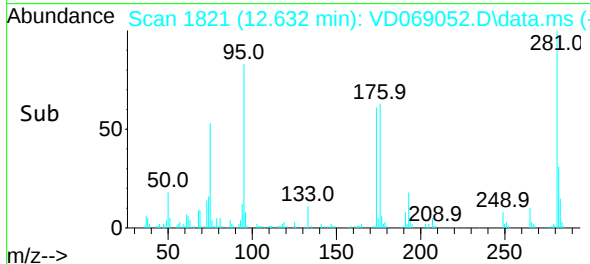
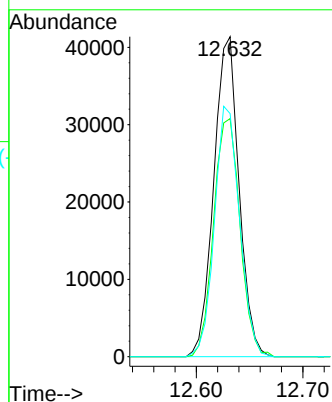
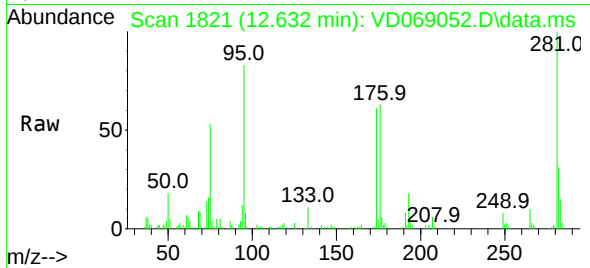




#62
4-Bromofluorobenzene
Concen: 41.25 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

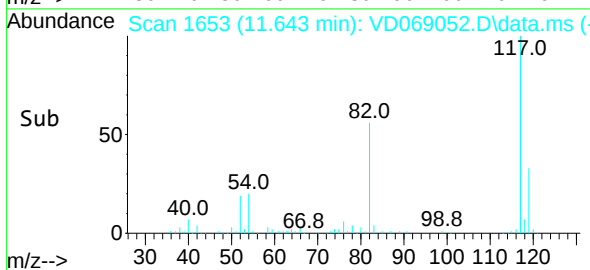
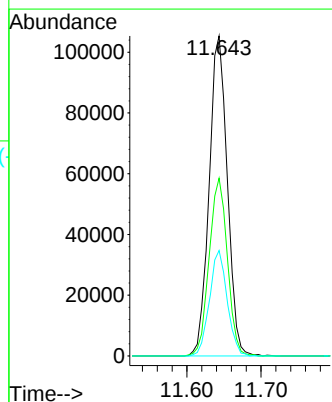
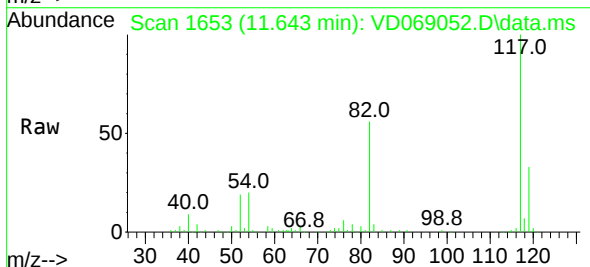
Instrument :
MSVOA_D
ClientSampleId :

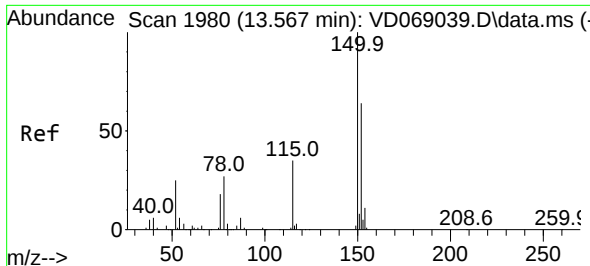
Tgt Ion: 95 Resp: 68078
Ion Ratio Lower Upper
95 100
174 77.8 0.0 168.0
176 77.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Tgt Ion: 117 Resp: 179472
Ion Ratio Lower Upper
117 100
82 55.5 43.5 65.3
119 33.0 26.7 40.1

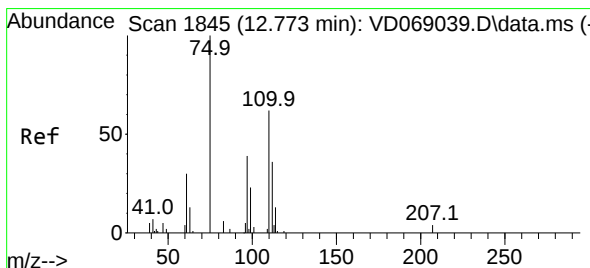
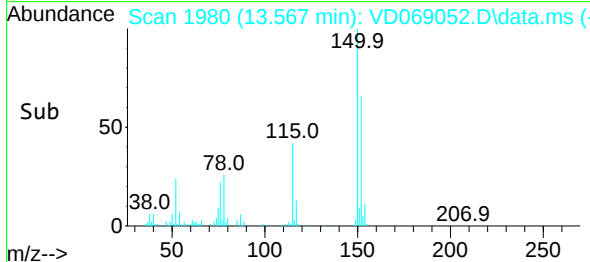
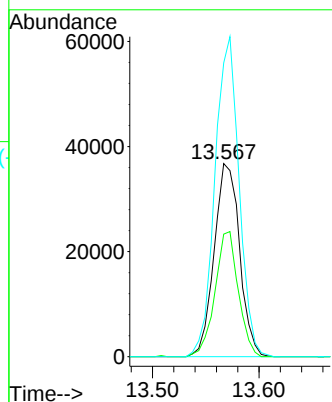
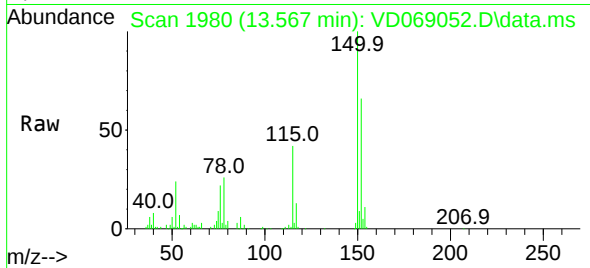




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

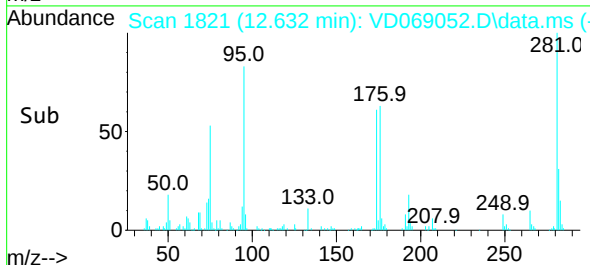
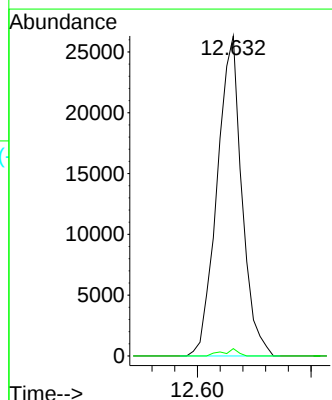
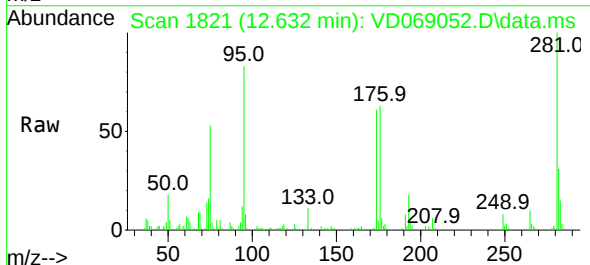
Instrument :
MSVOA_D
ClientSampleId :

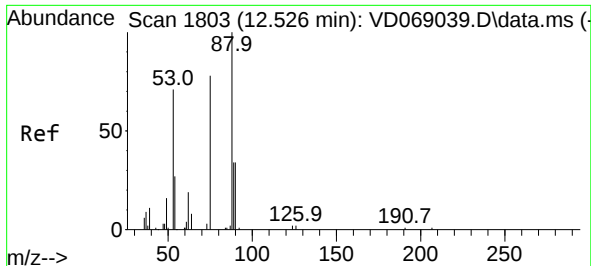
Tgt Ion:152 Resp: 60785
Ion Ratio Lower Upper
152 100
115 59.5 29.3 87.8
150 157.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 68.61 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

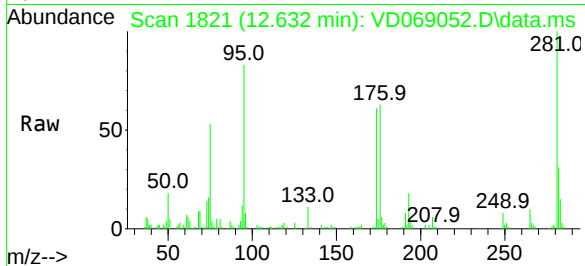
Tgt Ion: 75 Resp: 39812
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



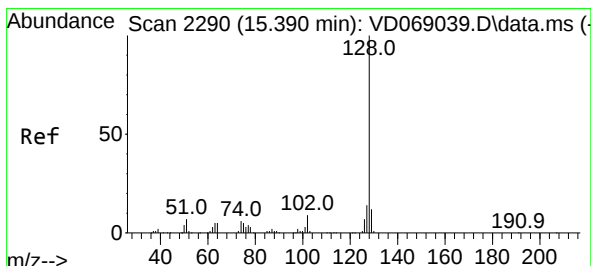
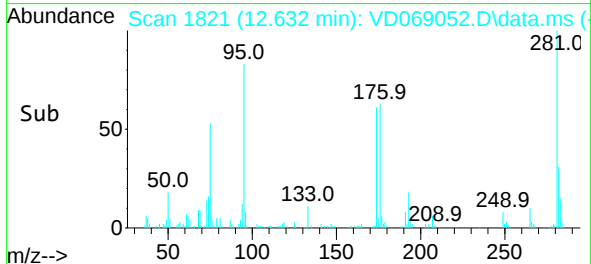
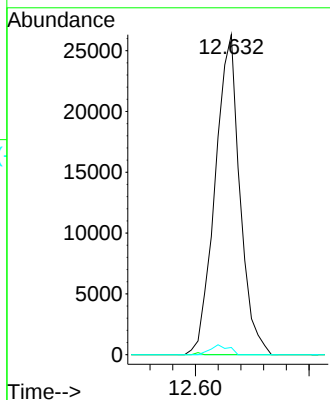


#81
trans-1,4-Dichloro-2-butene
Concen: 162.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 39812
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 2.3 36.6 54.8#



#95
Naphthalene
Concen: 1.45 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069052.D
Acq: 03 May 2021 20:11

Tgt Ion: 128 Resp: 2800
Ion Ratio Lower Upper
128 100
127 18.0 10.2 15.4#
129 6.1 8.9 13.3#

