

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071956.D
 Acq On : 14 Feb 2022 14:50
 Operator : VA/SY
 Sample : N1521-05
 Misc : 6.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-C

Quant Time: Feb 15 00:36:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

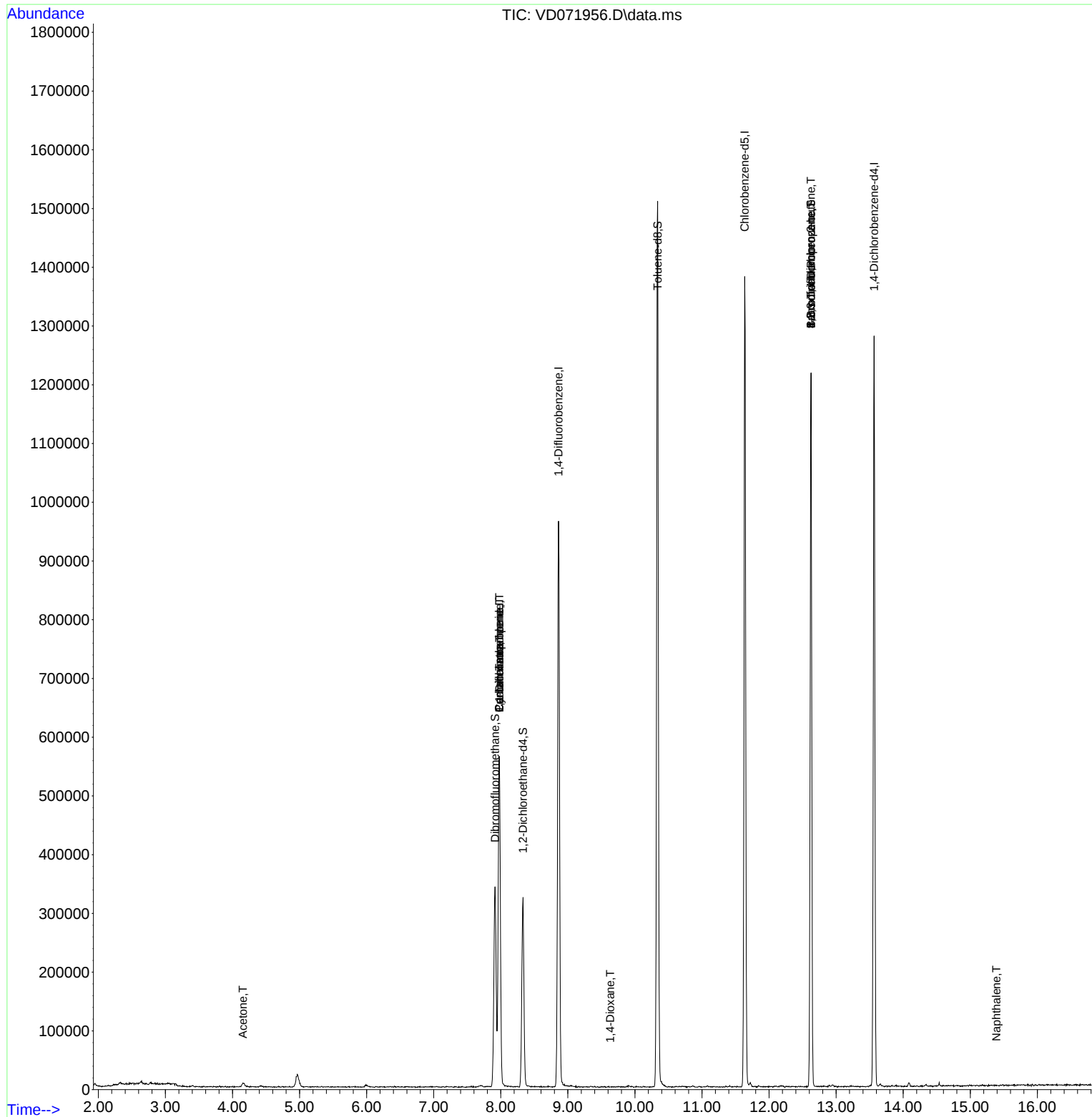
Internal Standards						
1) Pentafluorobenzene	7.979	168	387080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	769772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	725605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	304578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	252998	51.711	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.420%	
35) Dibromofluoromethane	7.914	113	244523	48.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.660%	
50) Toluene-d8	10.338	98	986168	52.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.626	95	322476	48.866	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.214	59	82	Below Cal	#	74
16) Acetone	4.156	43	12322	9.201	ug/l	90
20) Methylene Chloride	4.967	84	14853	Below Cal		94
31) Cyclohexane	7.979	56	11362	1.216	ug/l	# 29
36) 1,1-Dichloropropene	7.979	75	37160	4.279	ug/l	# 51
38) Carbon Tetrachloride	7.979	117	44729	5.208	ug/l	# 16
49) 1,4-Dioxane	9.632	88	82	2.270	ug/l	# 24
71) Bromoform	12.626	173	3726	1.250	ug/l	# 1
76) 1,2,3-Trichloropropane	12.626	75	178250	55.532	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	178250	136.540	ug/l	# 7
95) Naphthalene	15.390	128	364	1.487	ug/l	# 81

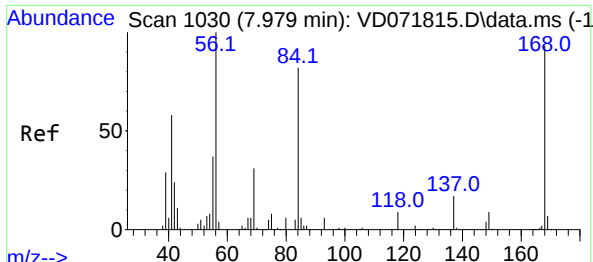
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
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TP1-C

Quant Time: Feb 15 00:36:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

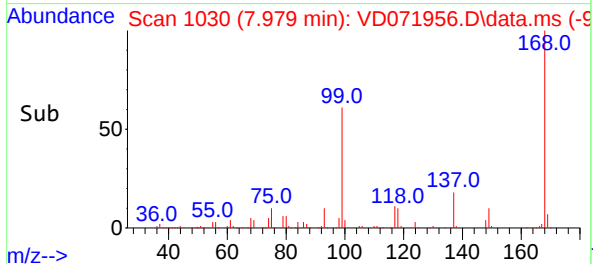
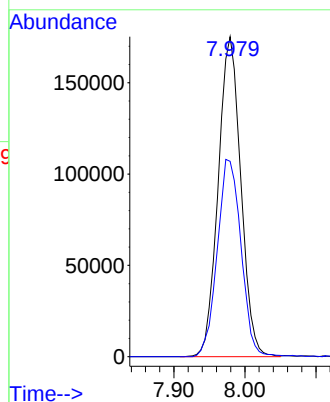
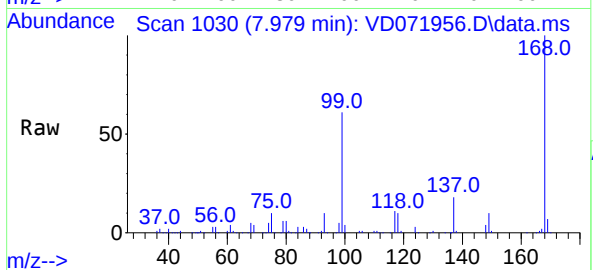




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

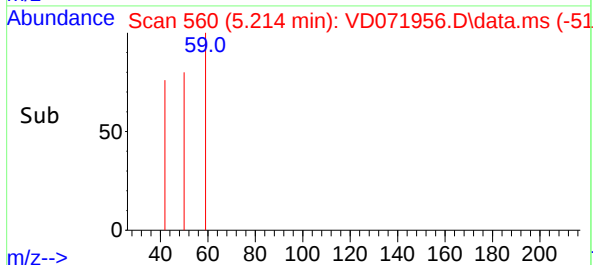
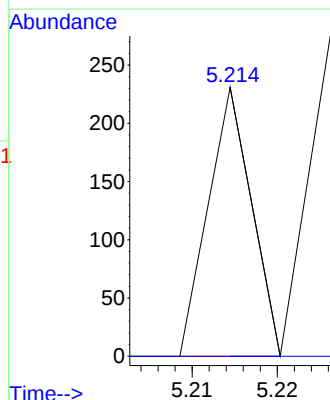
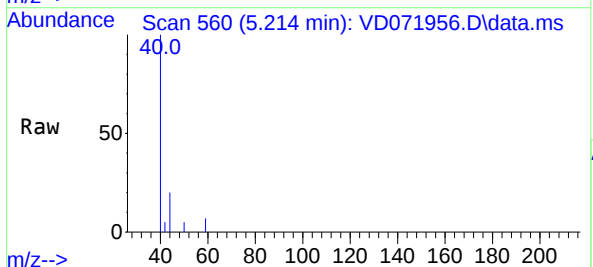
Instrument :
MSVOA_D
ClientSampleId :
TP1-C

Tgt Ion:168 Resp: 387080
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

Tgt Ion: 59 Resp: 82
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

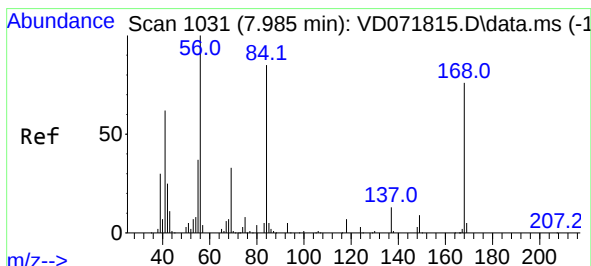
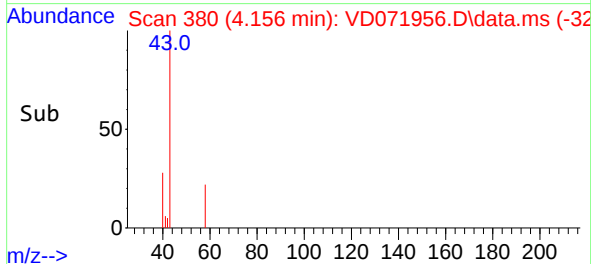
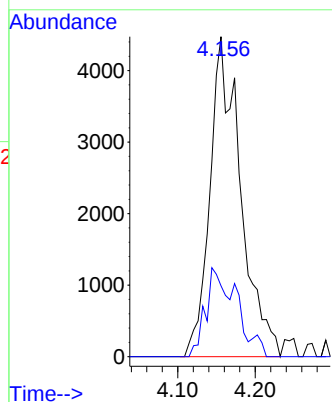
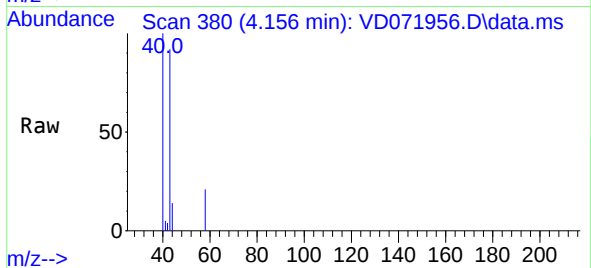




#16
Acetone
Concen: 9.201 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

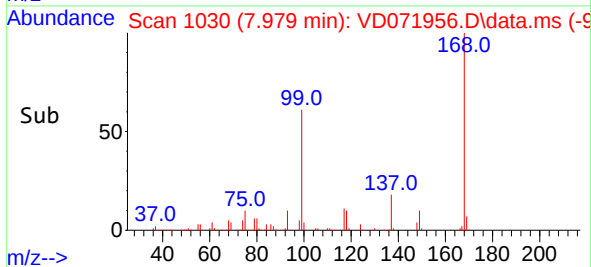
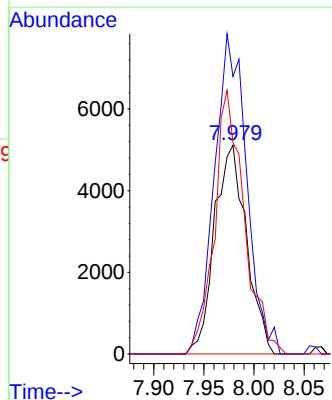
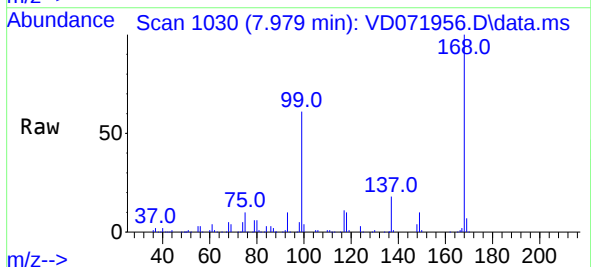
Instrument :
MSVOA_D
ClientSampleId :
TP1-C

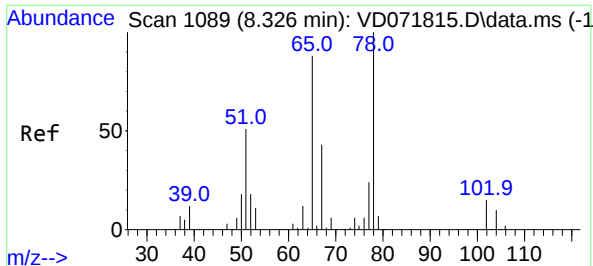
Tgt Ion: 43 Resp: 12322
Ion Ratio Lower Upper
43 100
58 22.2 22.1 33.1



#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

Tgt Ion: 56 Resp: 11362
Ion Ratio Lower Upper
56 100
69 132.9 25.4 38.2#
84 101.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.711 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071956.D

Acq: 14 Feb 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

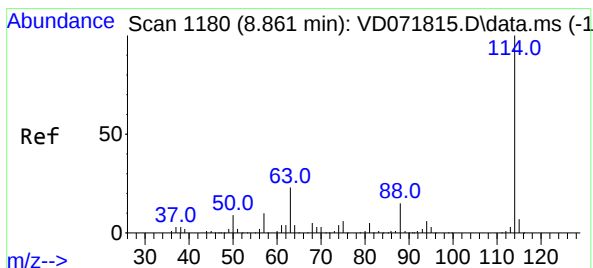
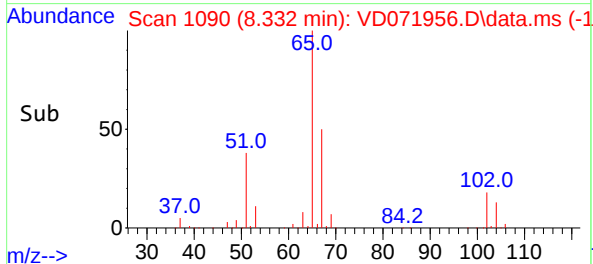
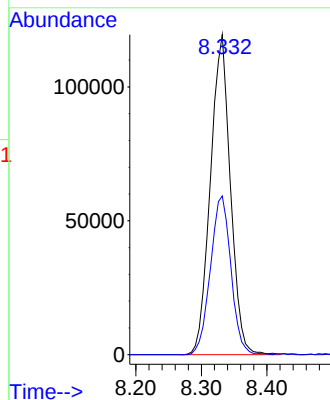
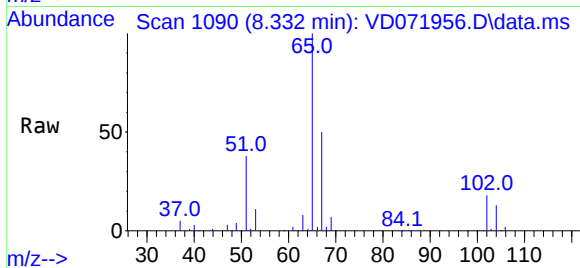
TP1-C

Tgt Ion: 65 Resp: 252998

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071956.D

Acq: 14 Feb 2022 14:50

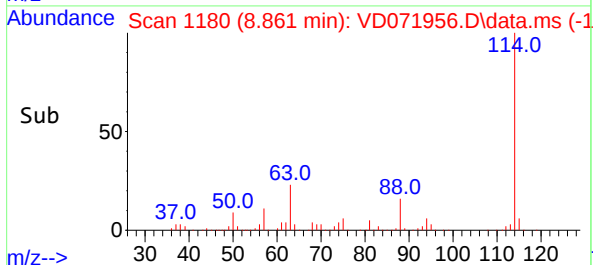
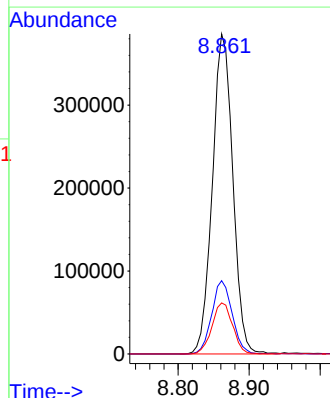
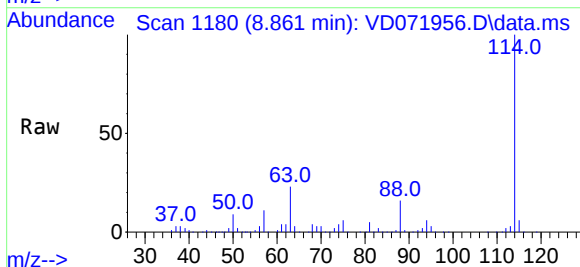
Tgt Ion: 114 Resp: 769772

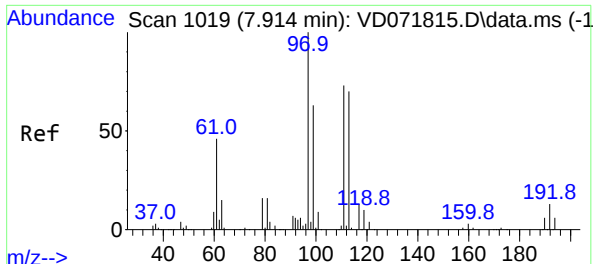
Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.6

88 16.0 0.0 33.2

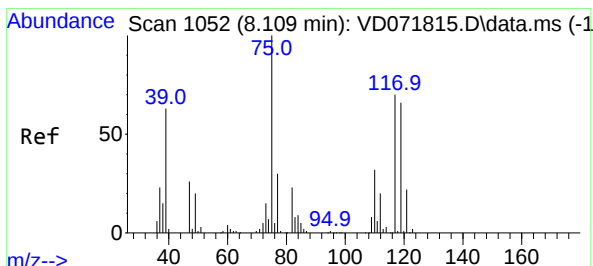
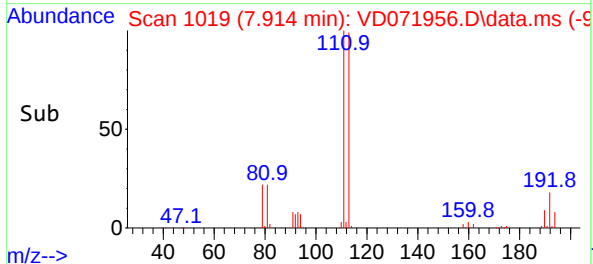
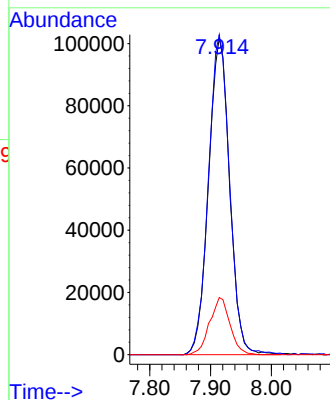
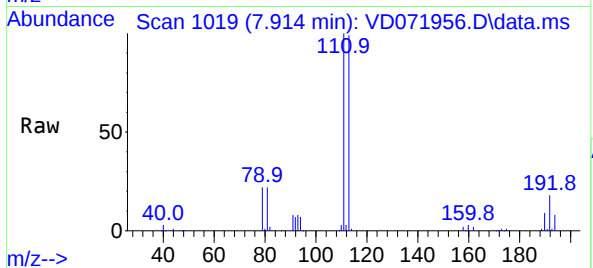




#35
Dibromofluoromethane
Concen: 48.325 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

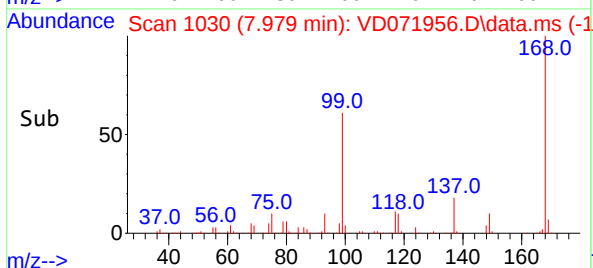
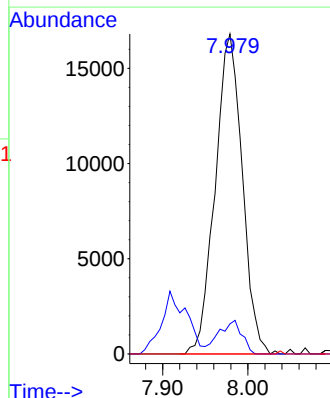
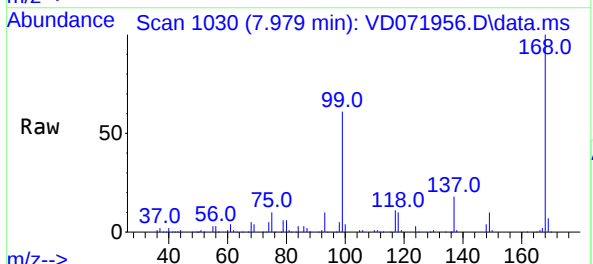
Instrument :
MSVOA_D
ClientSampleId :
TP1-C

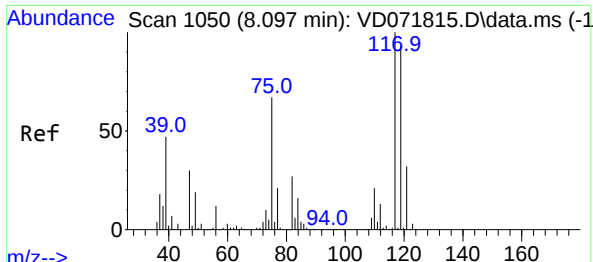
Tgt Ion:113 Resp: 244523
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 17.4 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.279 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

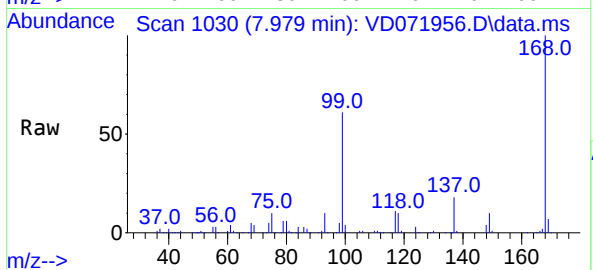
Tgt Ion: 75 Resp: 37160
Ion Ratio Lower Upper
75 100
110 8.9 16.4 49.1#
77 0.0 24.2 36.2#



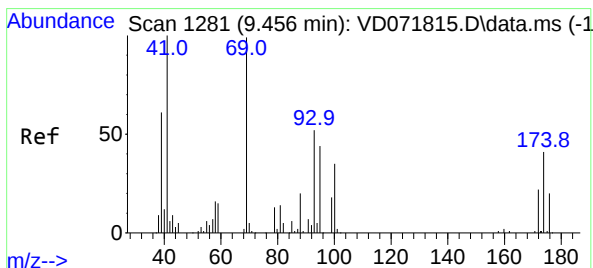
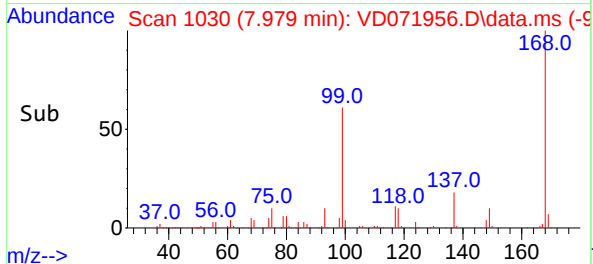
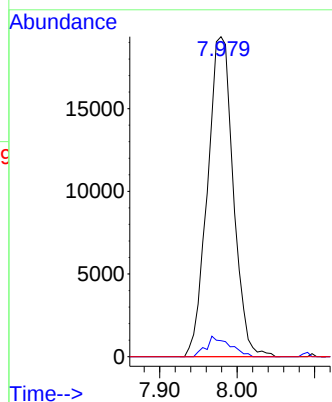


#38
Carbon Tetrachloride
Concen: 5.208 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

Instrument :
MSVOA_D
ClientSampleId :
TP1-C

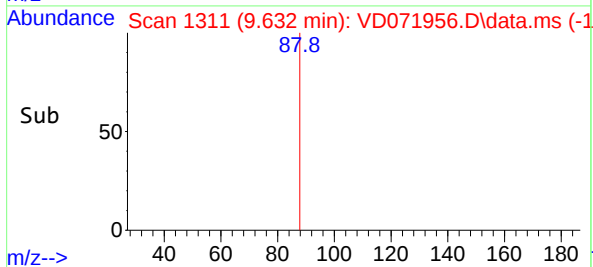
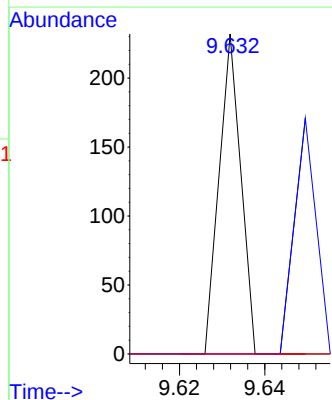
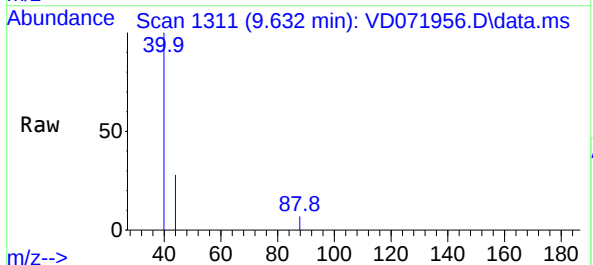


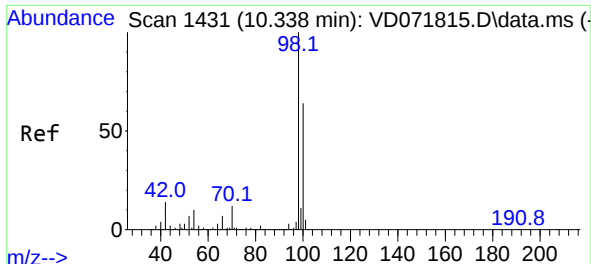
Tgt Ion:117 Resp: 44729
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 2.270 ug/l
RT: 9.632 min Scan# 1311
Delta R.T. 0.171 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

Tgt Ion: 88 Resp: 82
Ion Ratio Lower Upper
88 100
43 73.2 31.0 46.4#
58 0.0 58.1 87.1#

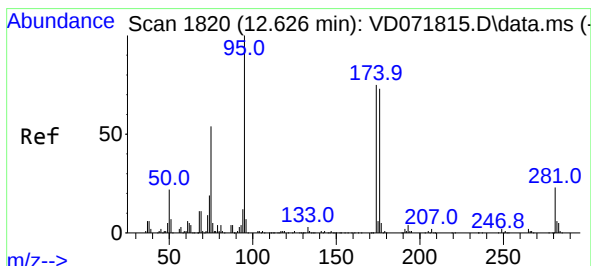
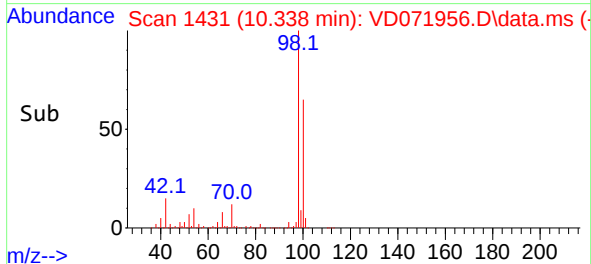
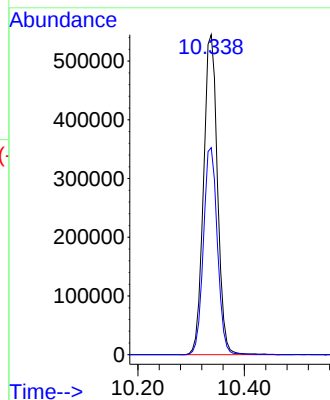
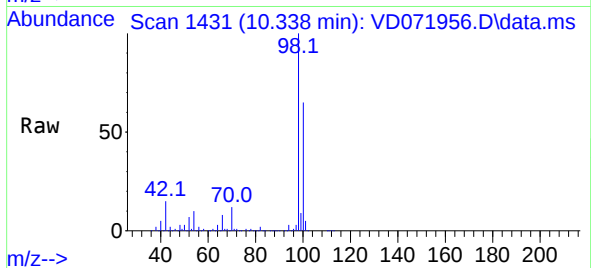




#50
Toluene-d8
Concen: 52.186 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

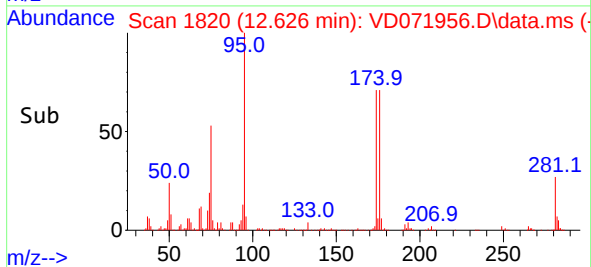
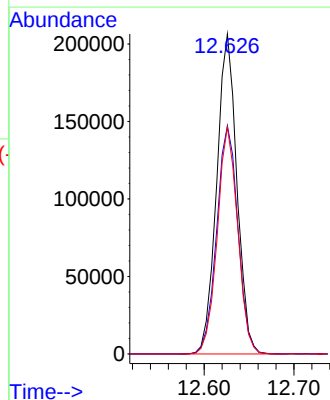
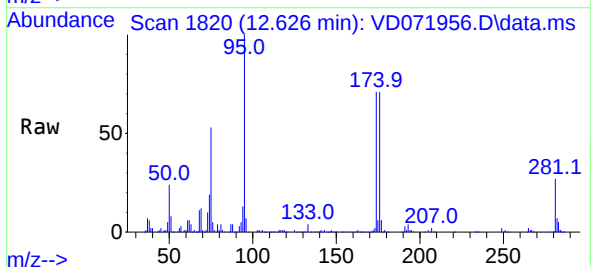
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MSVOA_D
ClientSampleId :
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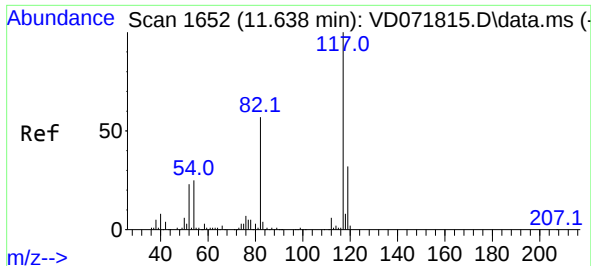
Tgt Ion: 98 Resp: 986168
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.866 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

Tgt Ion: 95 Resp: 322476
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 71.4 0.0 145.4

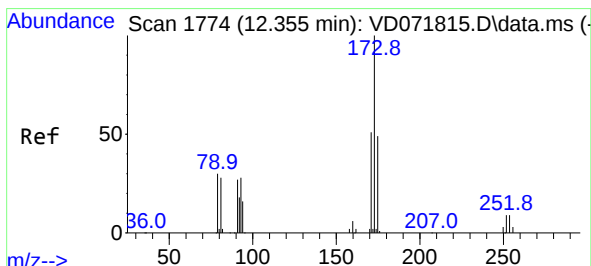
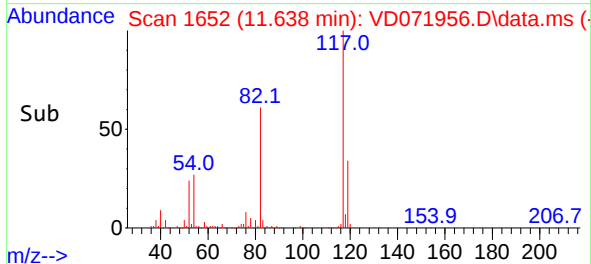
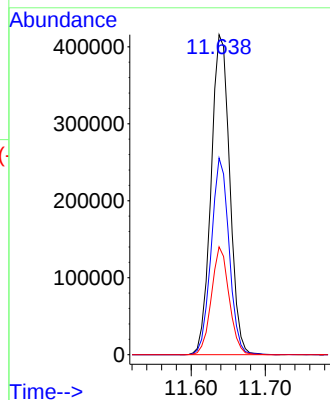
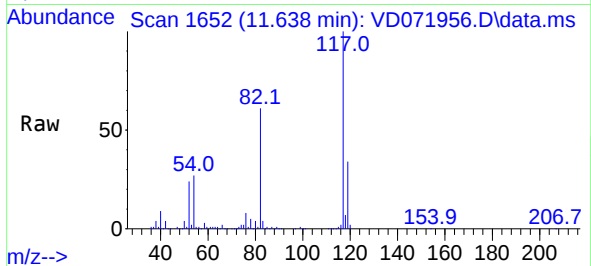




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

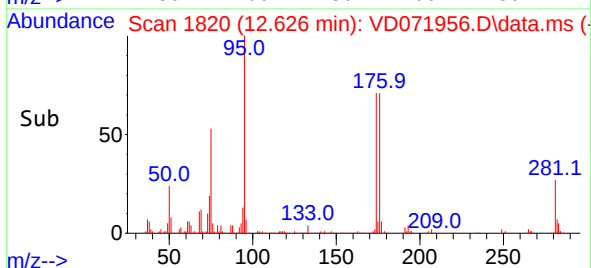
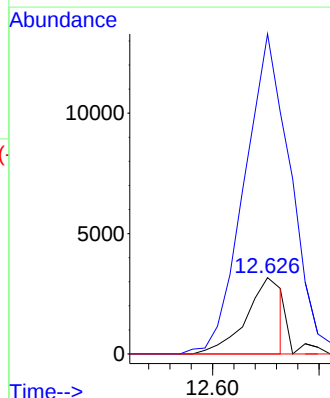
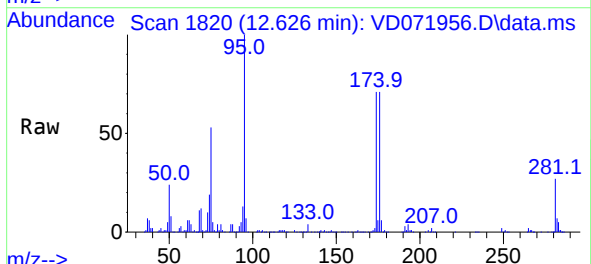
Instrument :
MSVOA_D
ClientSampleId :
TP1-C

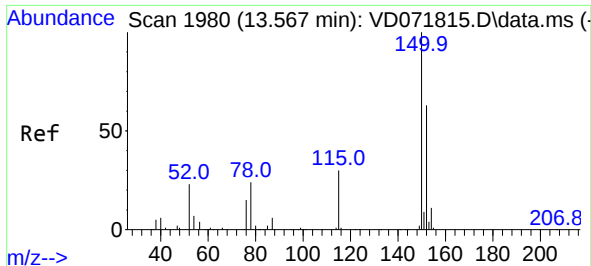
Tgt Ion:117 Resp: 725605
Ion Ratio Lower Upper
117 100
82 61.4 45.3 67.9
119 33.7 26.6 40.0



#71
Bromoform
Concen: 1.250 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

Tgt Ion:173 Resp: 3726
Ion Ratio Lower Upper
173 100
175 427.0 23.9 71.8#
254 0.0 0.0 0.0

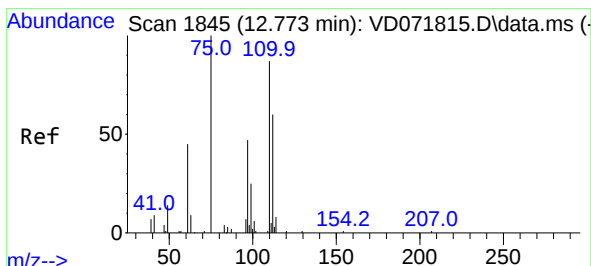
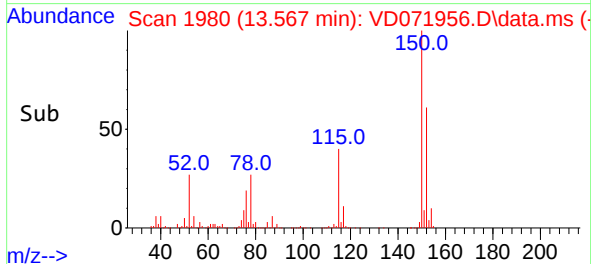
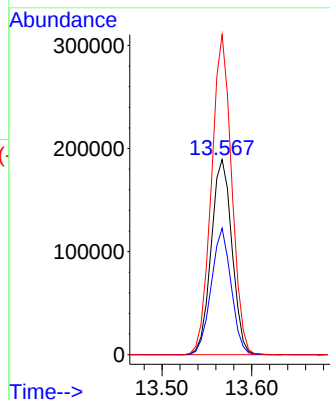
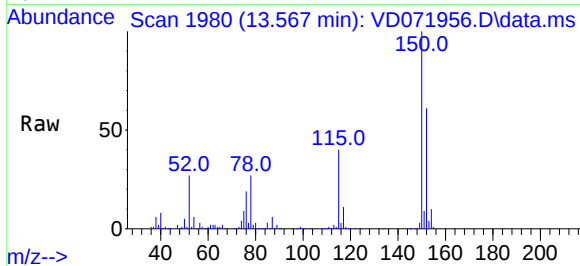




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

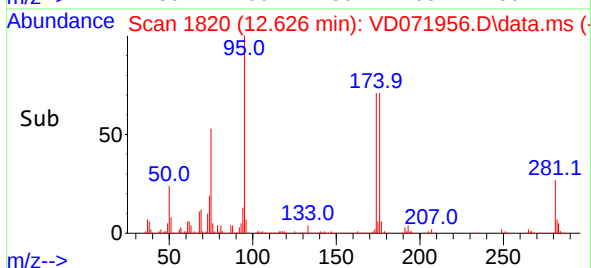
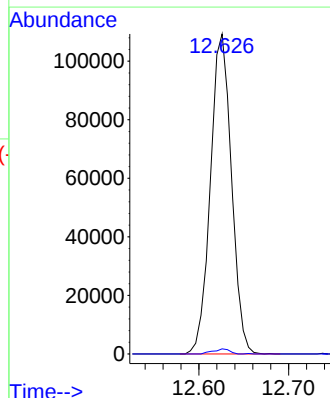
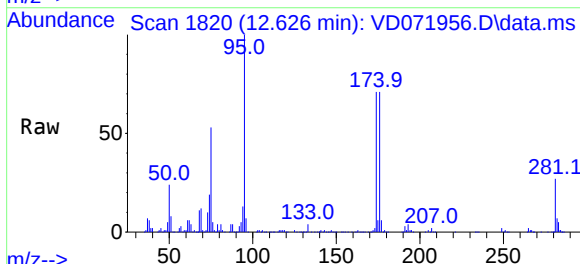
Instrument :
MSVOA_D
ClientSampleId :
TP1-C

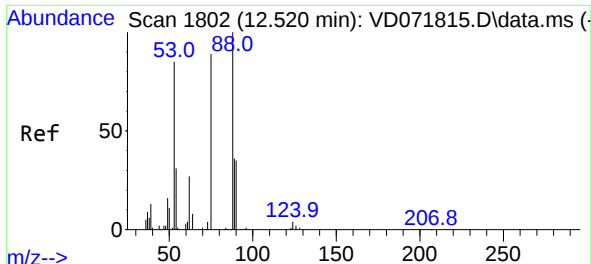
Tgt Ion:152 Resp: 304578
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 159.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 55.532 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

Tgt Ion: 75 Resp: 178250
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

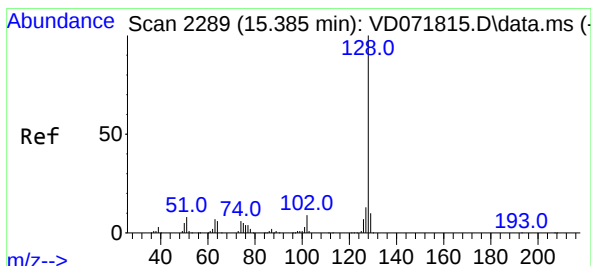
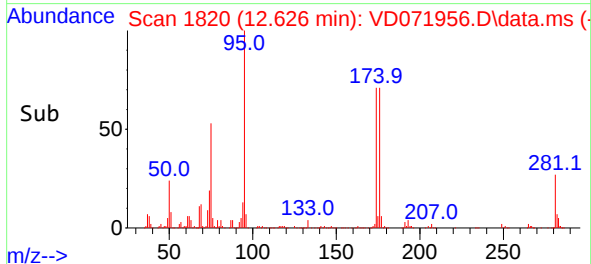
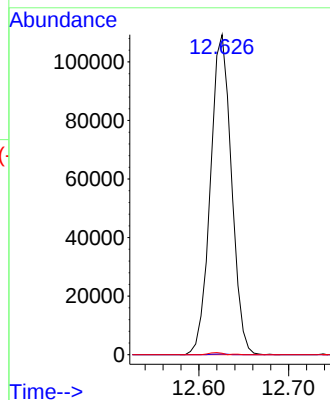
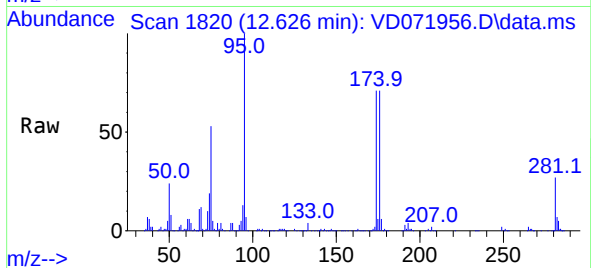




#81
trans-1,4-Dichloro-2-butene
Concen: 136.540 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

Instrument :
MSVOA_D
ClientSampleId :
TP1-C

Tgt Ion: 75 Resp: 178250
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.5 33.9 50.9#



#95
Naphthalene
Concen: 1.487 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD071956.D
Acq: 14 Feb 2022 14:50

Tgt Ion:128 Resp: 364
Ion Ratio Lower Upper
128 100
127 17.6 10.3 15.5#
129 0.0 8.4 12.6#

