

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069087.D
 Acq On : 06 May 2021 20:53
 Operator : VA/SY
 Sample : M2279-03
 Misc : 5.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 07 01:13:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

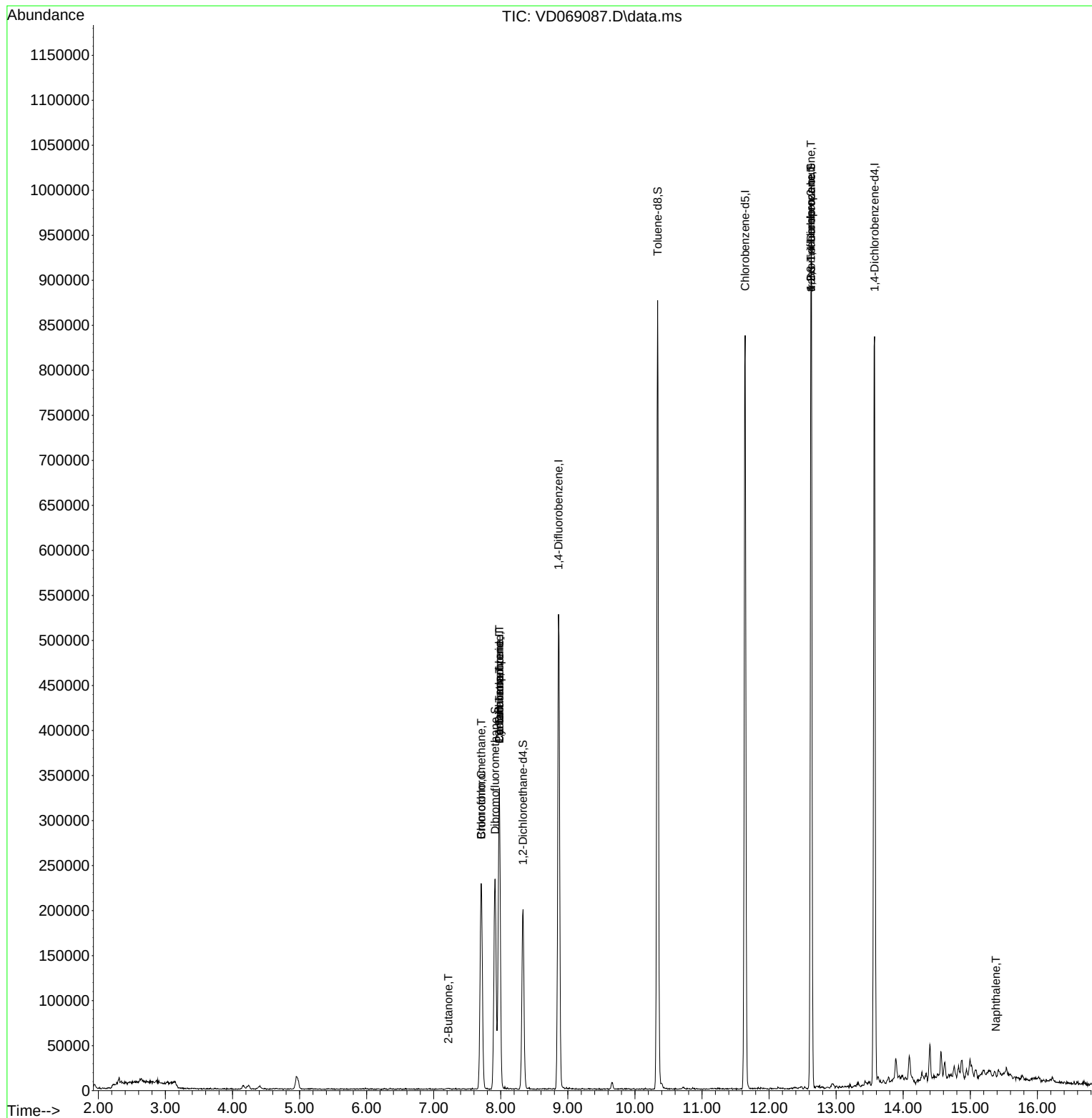
Internal Standards						
1) Pentafluorobenzene	7.979	168	246651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	462326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	501355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	222929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	158397	49.83	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.66%			
35) Dibromofluoromethane	7.914	113	170215	53.69	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.38%			
50) Toluene-d8	10.337	98	596890	51.00	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.00%			
62) 4-Bromofluorobenzene	12.625	95	220858	57.37	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.74%			
Target Compounds						
11) Tert butyl alcohol	5.226	59	61	Below Cal	#	81
16) Acetone	4.155	43	6478	Below Cal		95
20) Methylene Chloride	4.961	84	12195	Below Cal	#	76
25) 2-Butanone	7.220	43	811	1.19	ug/l #	46
28) Bromochloromethane	7.708	49	16266	7.67	ug/l #	11
30) Chloroform	7.708	83	221254	37.67	ug/l	99
31) Cyclohexane	7.979	56	6230	1.35	ug/l #	58
36) 1,1-Dichloropropene	7.979	75	19825	4.08	ug/l #	52
38) Carbon Tetrachloride	7.979	117	26532	5.03	ug/l #	17
76) 1,2,3-Trichloropropane	12.625	75	116819	60.19	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.625	75	116819	130.98	ug/l #	10
95) Naphthalene	15.384	128	954	2.95	ug/l #	78

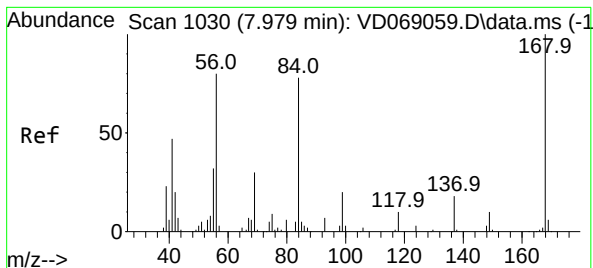
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD069087.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

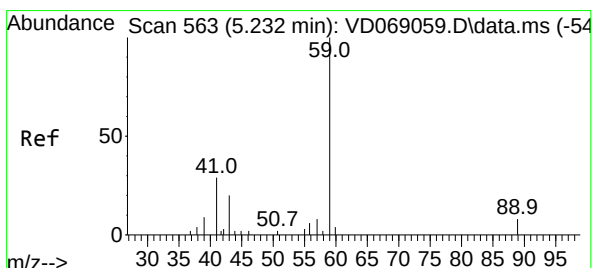
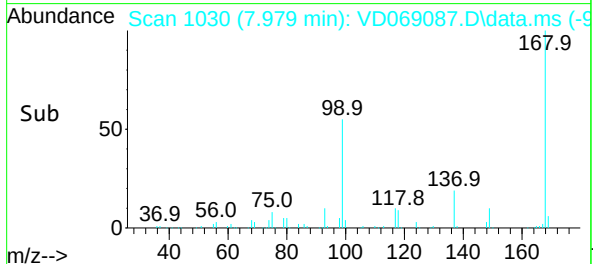
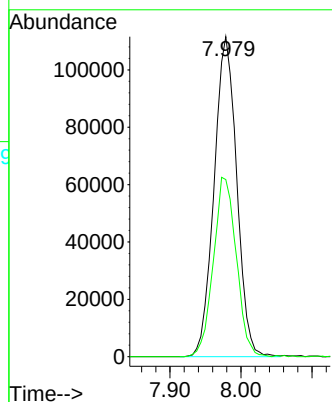
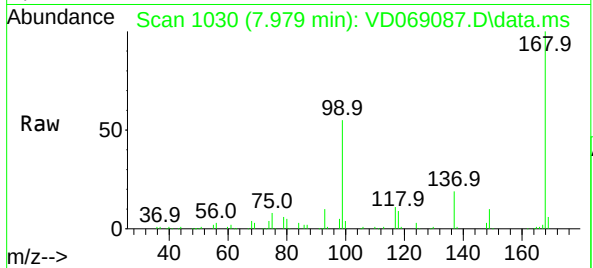




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

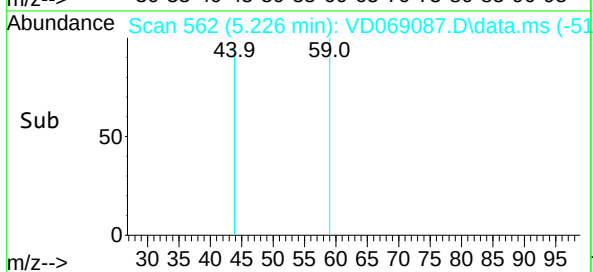
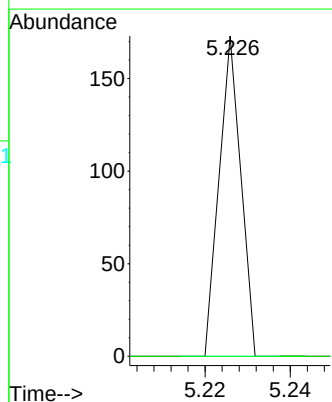
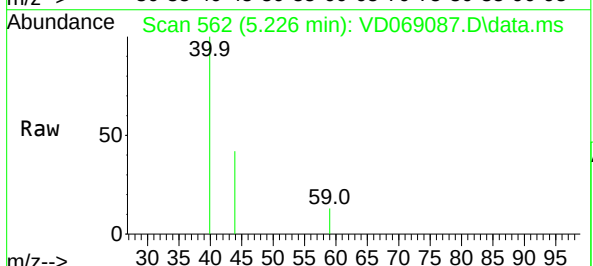
Instrument :
MSVOA_D
ClientSampleId :

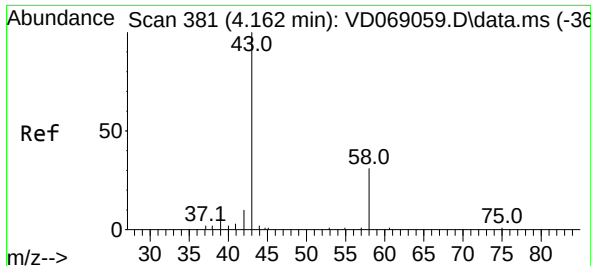
Tgt Ion:168 Resp: 246651
Ion Ratio Lower Upper
168 100
99 55.3 52.6 78.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. -0.006 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 5.3 7.9#

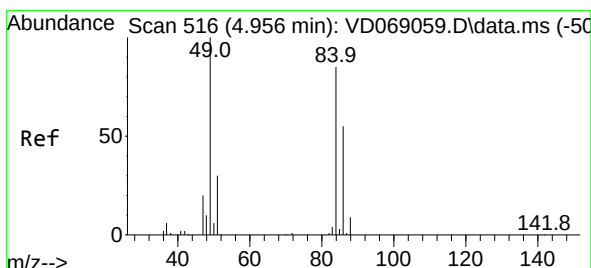
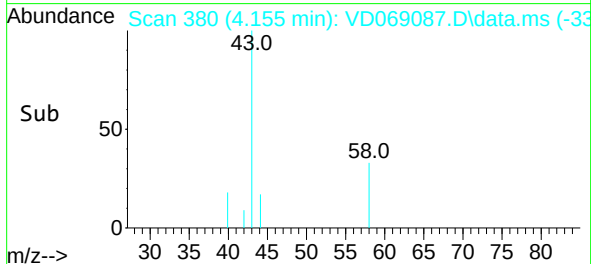
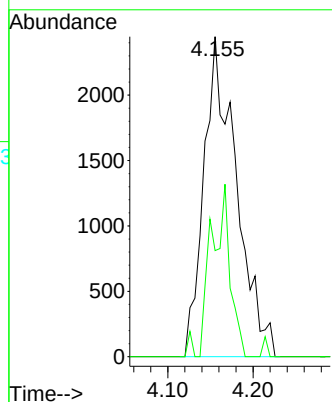
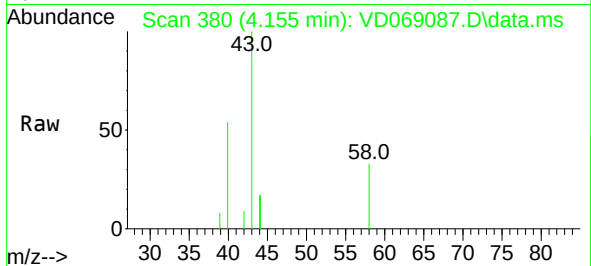




#16
Acetone
Concen: Below Cal
RT: 4.155 min Scan# 380
Delta R.T. -0.007 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

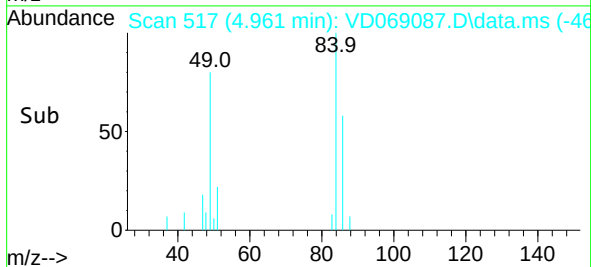
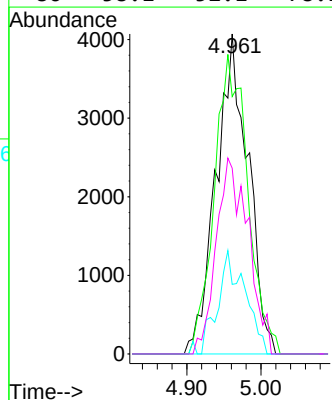
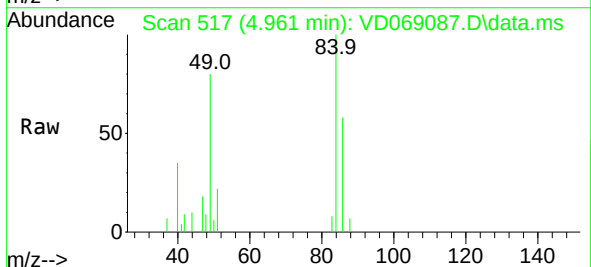
Instrument :
MSVOA_D
ClientSampled :

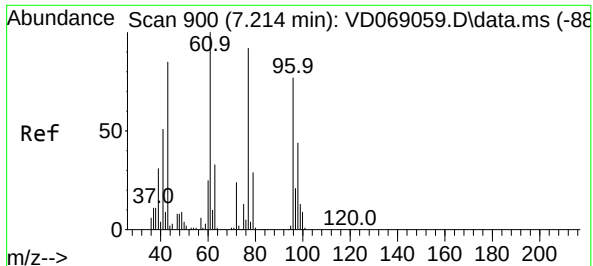
Tgt Ion: 43 Resp: 6478
Ion Ratio Lower Upper
43 100
58 33.1 24.5 36.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

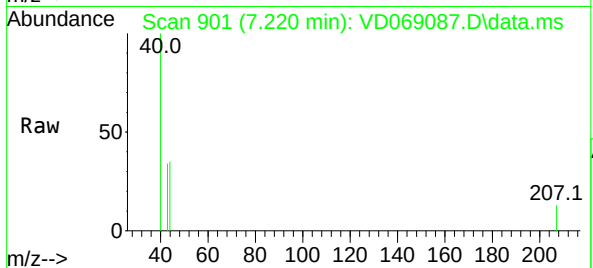
Tgt Ion: 84 Resp: 12195
Ion Ratio Lower Upper
84 100
49 80.5 93.9 140.9#
51 21.8 27.9 41.9#
86 58.1 52.1 78.1



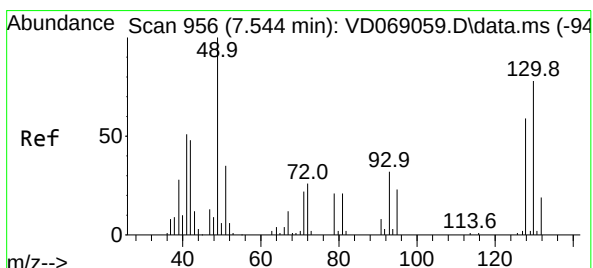
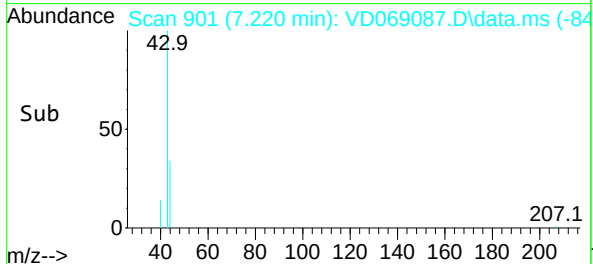
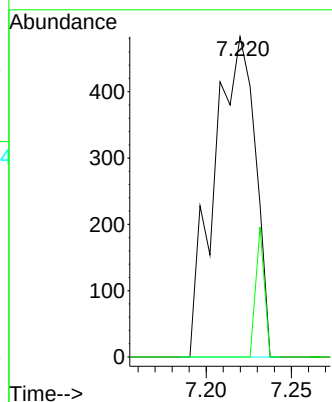


#25
2-Butanone
Concen: 1.19 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.005 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

Instrument :
MSVOA_D
ClientSampled :

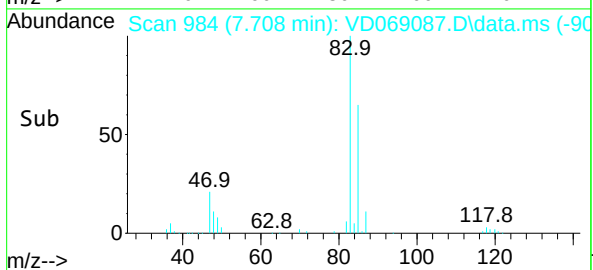
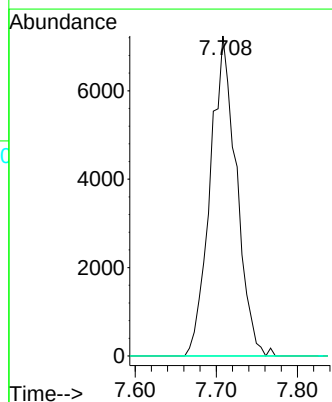
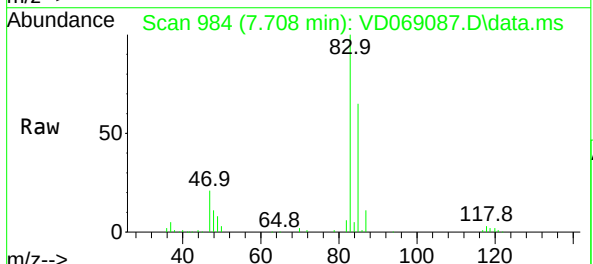


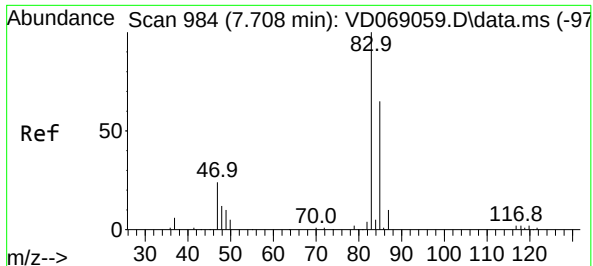
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.4#



#28
Bromochloromethane
Concen: 7.67 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.164 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

Tgt Ion: 49 Resp: 16266
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 0.0 64.9 97.3#

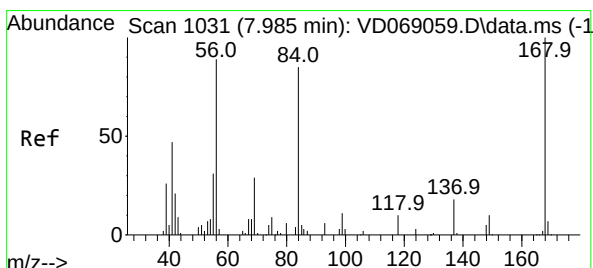
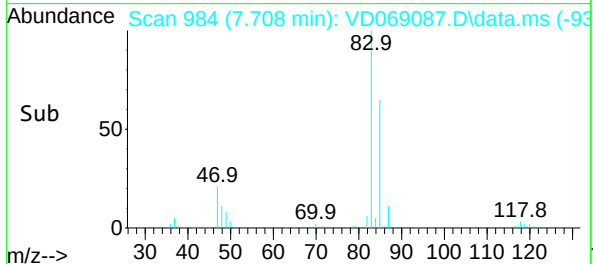
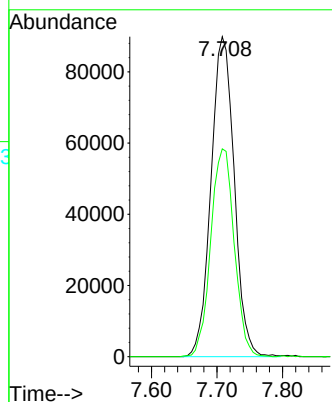
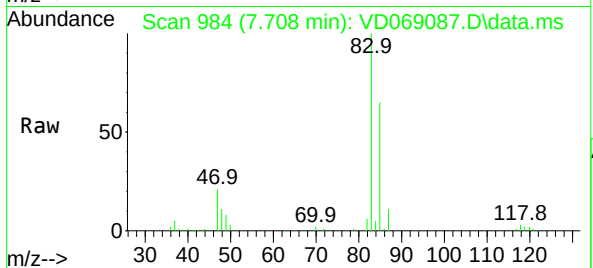




#30
Chloroform
Concen: 37.67 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

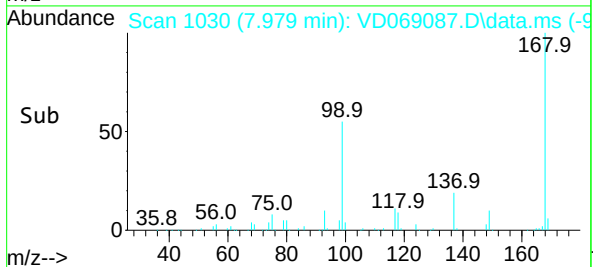
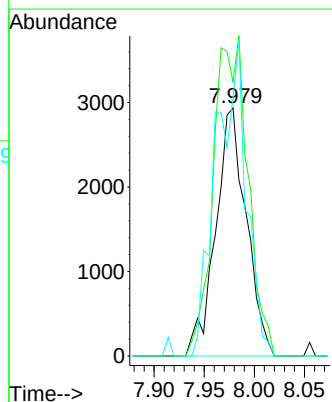
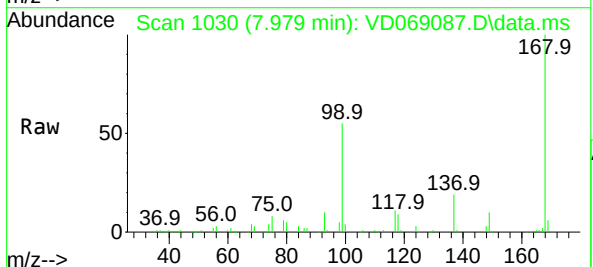
Instrument :
MSVOA_D
ClientSampleId :

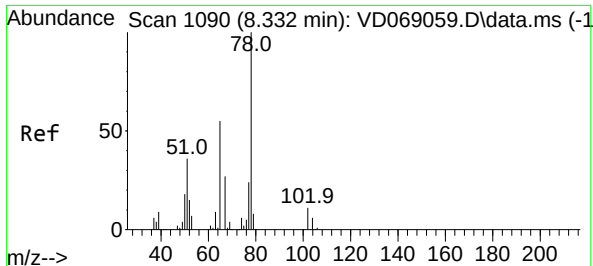
Tgt Ion: 83 Resp: 221254
Ion Ratio Lower Upper
83 100
85 64.9 52.4 78.6



#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

Tgt Ion: 56 Resp: 6230
Ion Ratio Lower Upper
56 100
69 110.6 26.3 39.5#
84 104.1 75.9 113.9

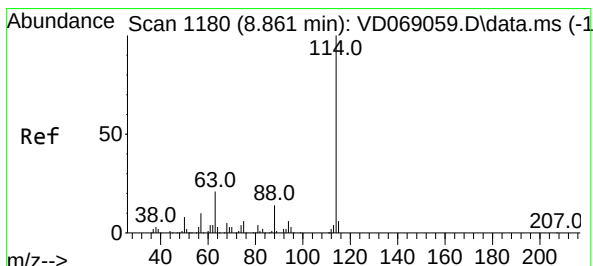
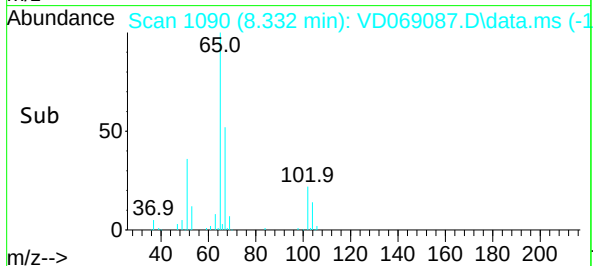
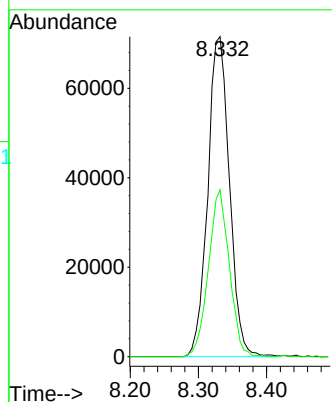
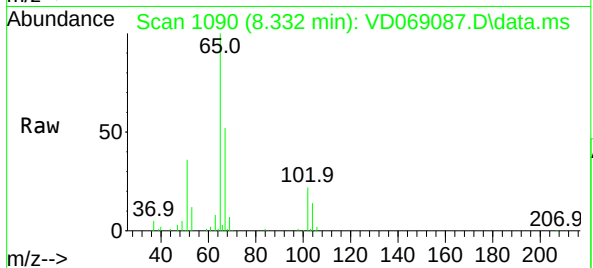




#33
1,2-Dichloroethane-d4
Concen: 49.83 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

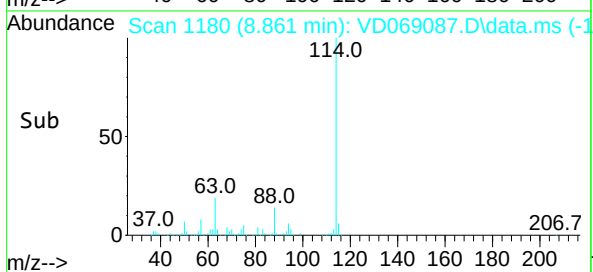
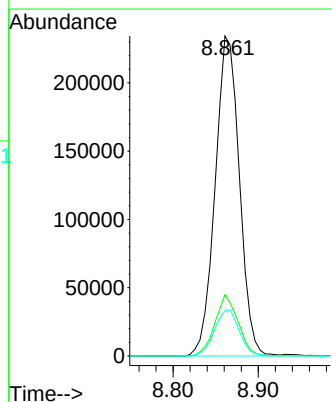
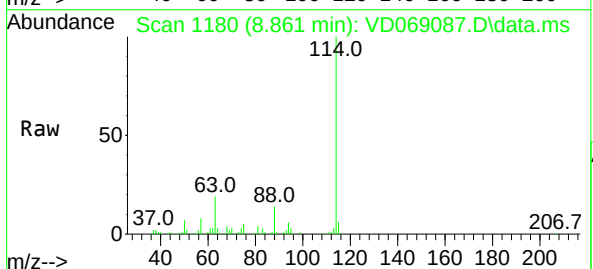
Instrument :
MSVOA_D
ClientSampleId :

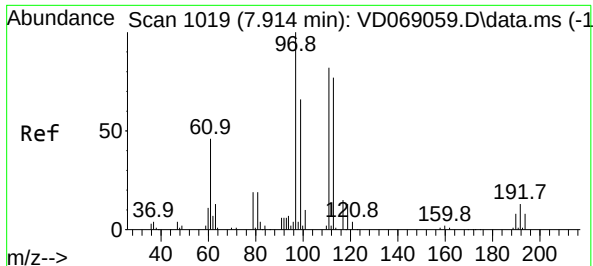
Tgt Ion: 65 Resp: 158397
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

Tgt Ion: 114 Resp: 462326
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.4
88 14.2 0.0 27.8





#35

Dibromofluoromethane

Concen: 53.69 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069087.D

Acq: 06 May 2021 20:53

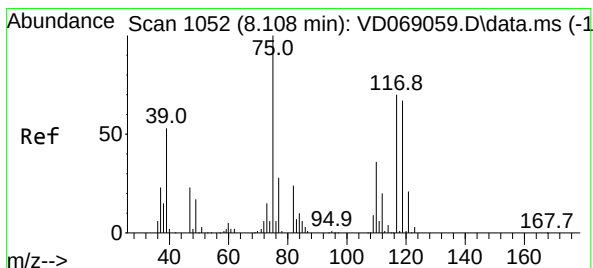
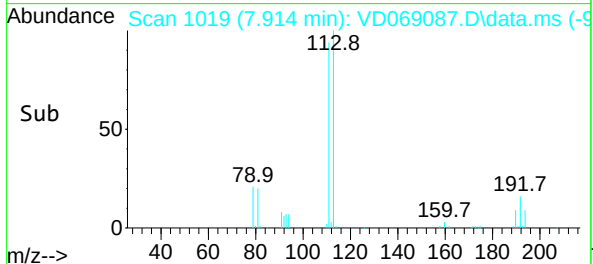
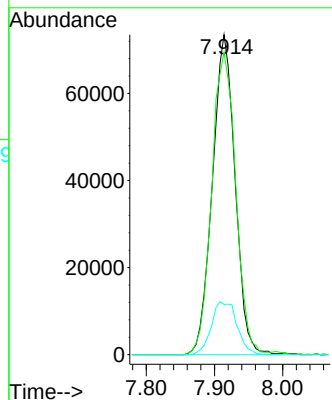
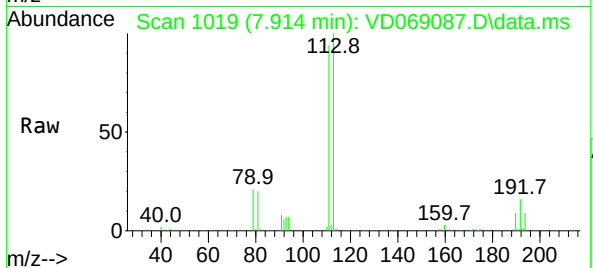
Tgt Ion:113 Resp: 170215

Ion Ratio Lower Upper

113 100

111 100.0 84.6 126.8

192 18.6 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.08 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD069087.D

Acq: 06 May 2021 20:53

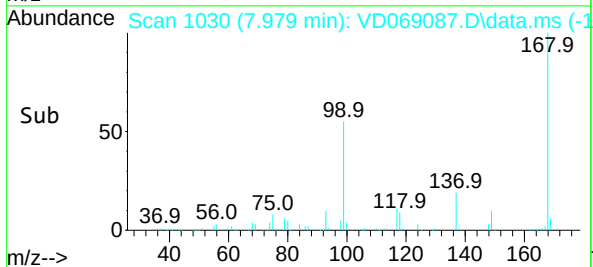
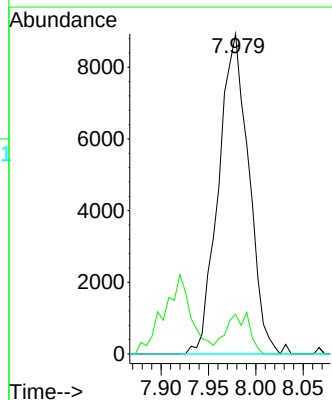
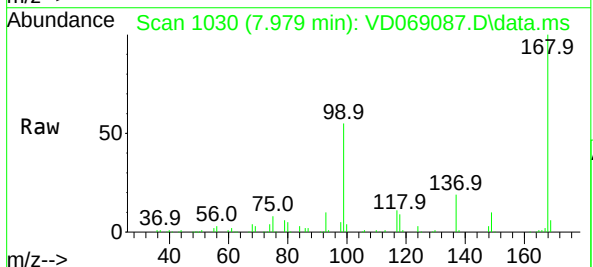
Tgt Ion: 75 Resp: 19825

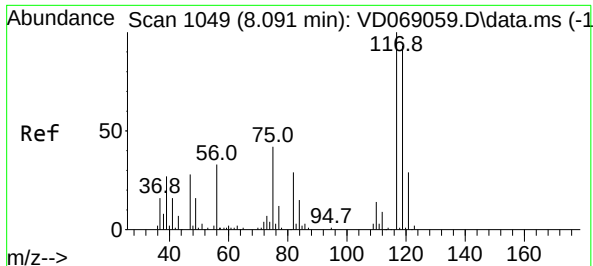
Ion Ratio Lower Upper

75 100

110 9.9 17.3 51.7#

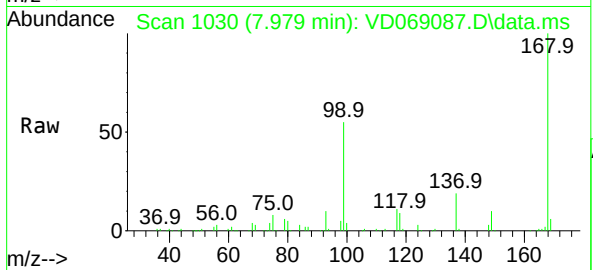
77 0.0 23.9 35.9#



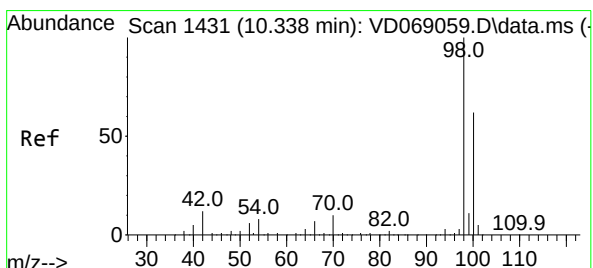
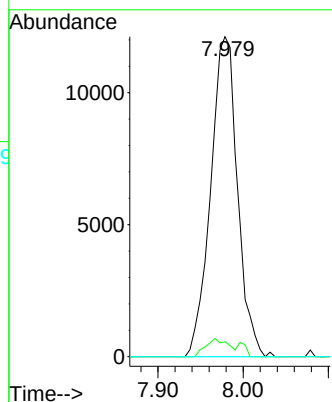
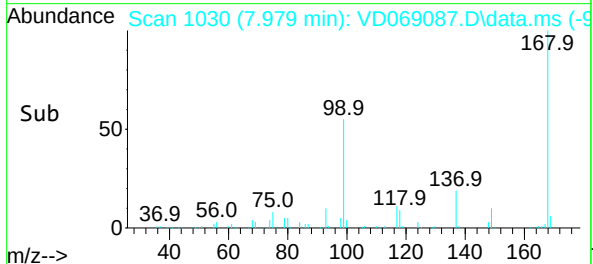


#38
Carbon Tetrachloride
Concen: 5.03 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

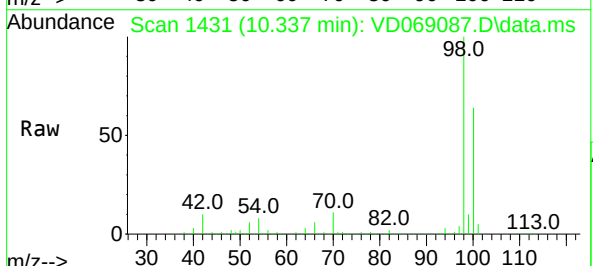
Instrument :
MSVOA_D
ClientSampleId :



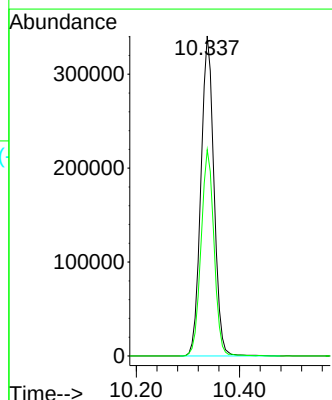
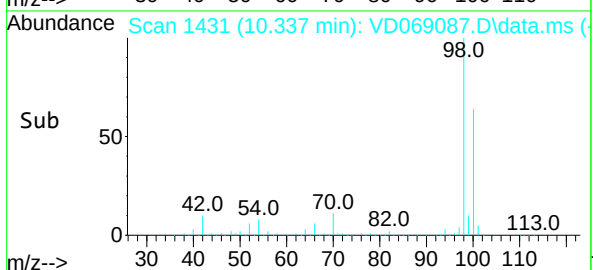
Tgt Ion:117 Resp: 26532
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 23.1 34.7#

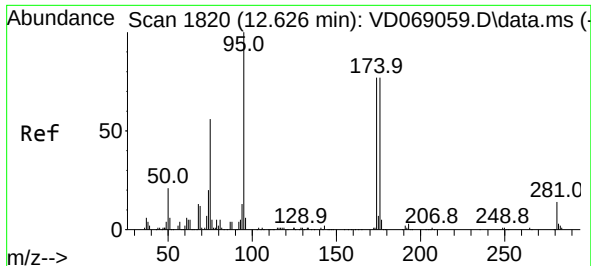


#50
Toluene-d8
Concen: 51.00 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53



Tgt Ion: 98 Resp: 596890
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

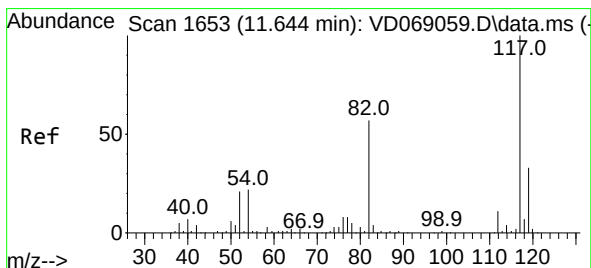
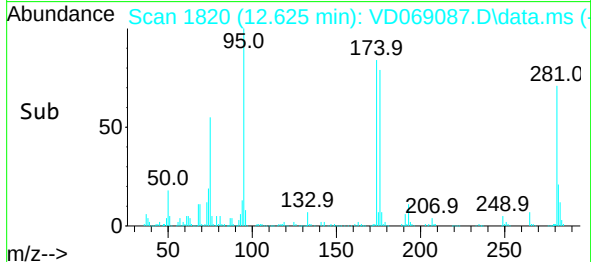
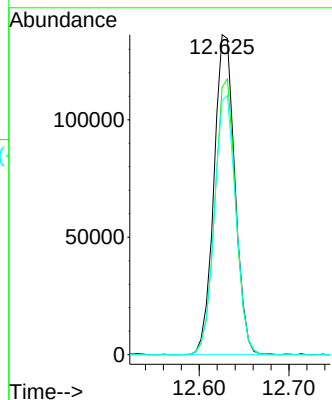
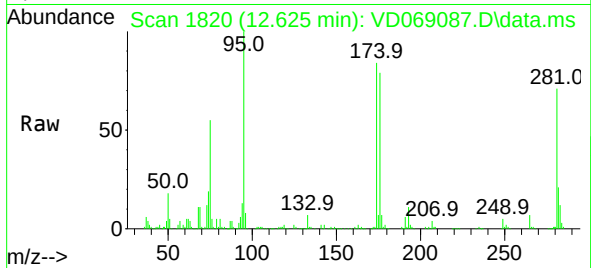




#62
4-Bromofluorobenzene
Concen: 57.37 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

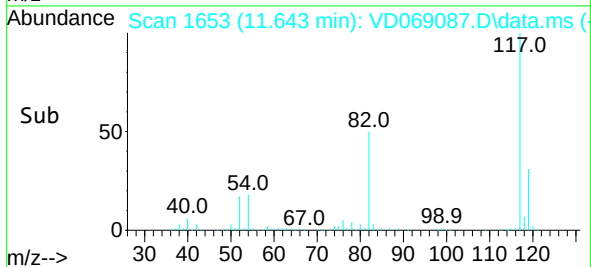
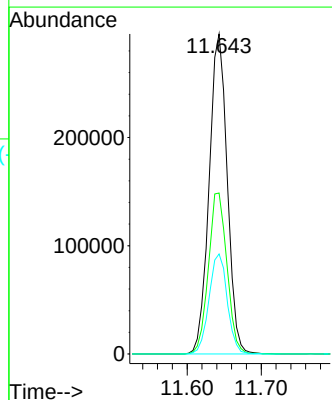
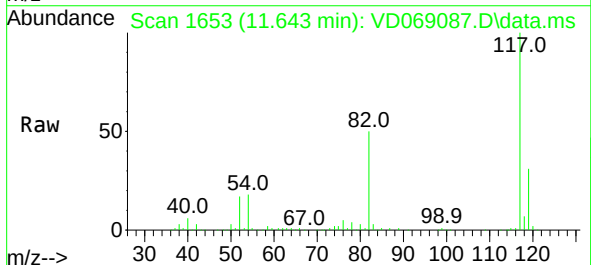
Instrument :
MSVOA_D
ClientSampleId :

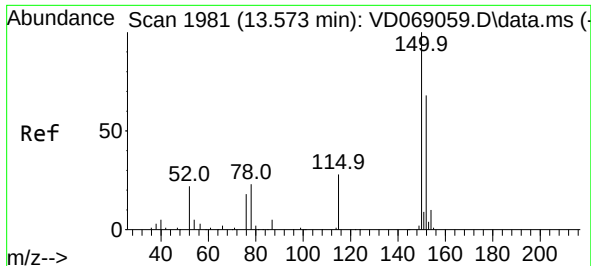
Tgt Ion: 95 Resp: 220858
Ion Ratio Lower Upper
95 100
174 85.7 0.0 156.0
176 82.8 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

Tgt Ion: 117 Resp: 501355
Ion Ratio Lower Upper
117 100
82 50.3 45.4 68.2
119 31.3 26.8 40.2

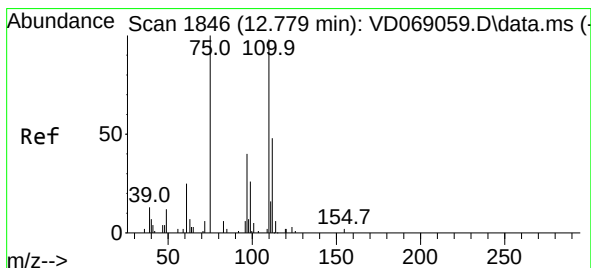
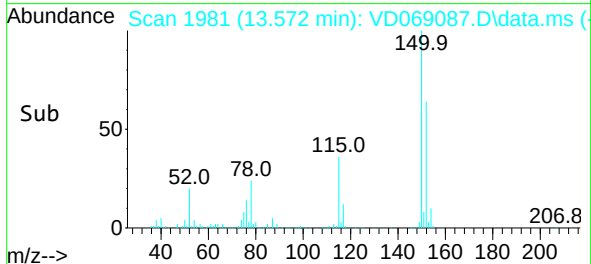
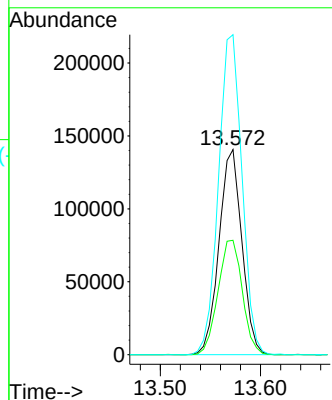
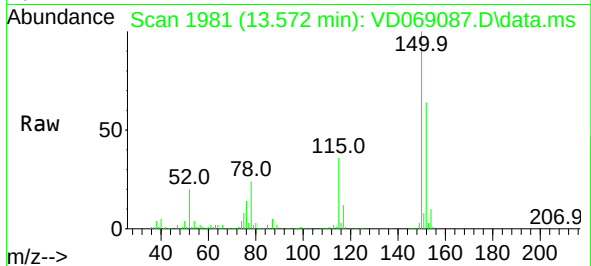




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

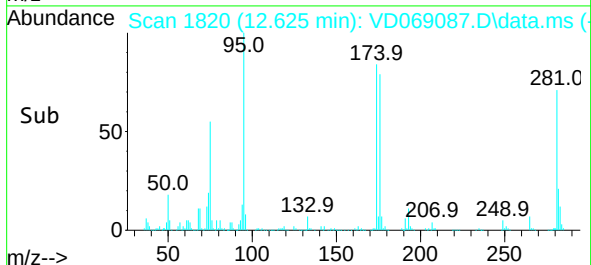
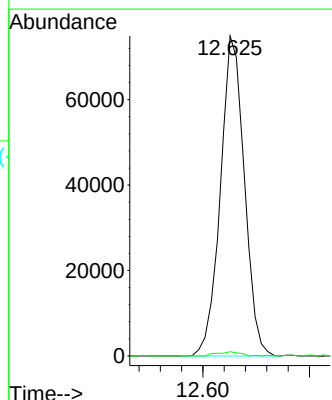
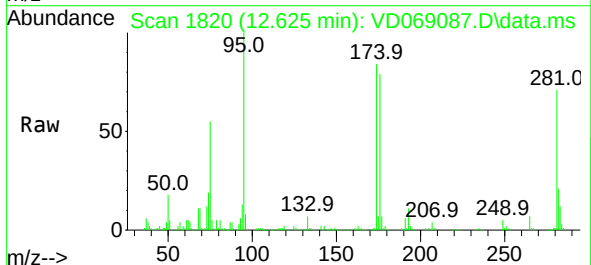
Instrument :
MSVOA_D
ClientSampleId :

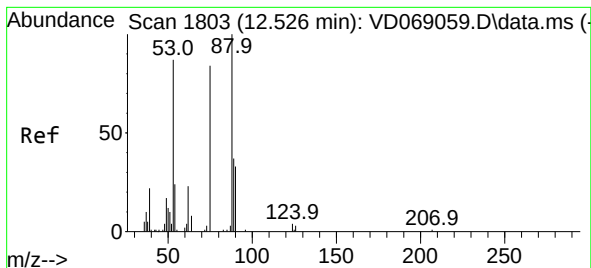
Tgt Ion:152 Resp: 222929
Ion Ratio Lower Upper
152 100
115 59.0 30.5 91.5
150 160.2 0.0 340.8



#76
1,2,3-Trichloropropane
Concen: 60.19 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

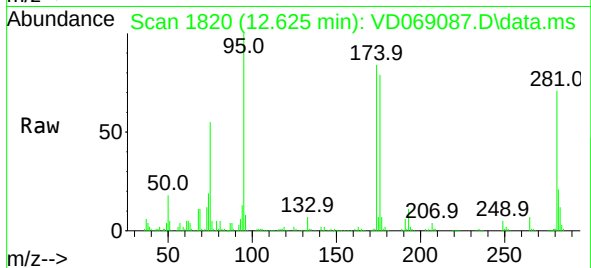
Tgt Ion: 75 Resp: 116819
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



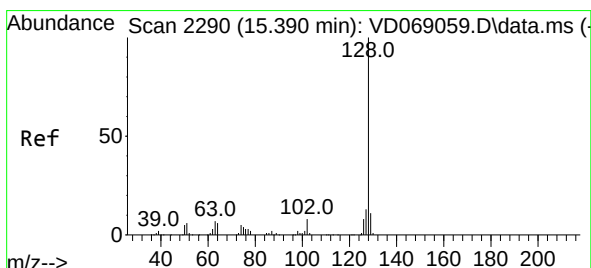
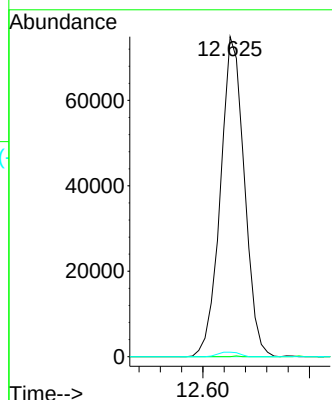
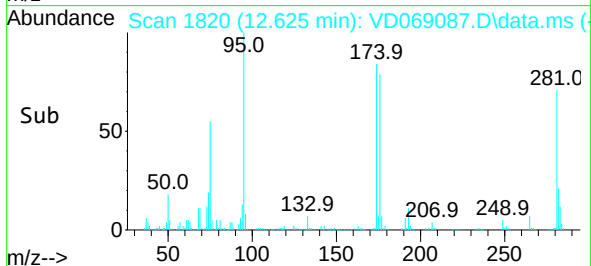


#81
trans-1,4-Dichloro-2-butene
Concen: 130.98 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53

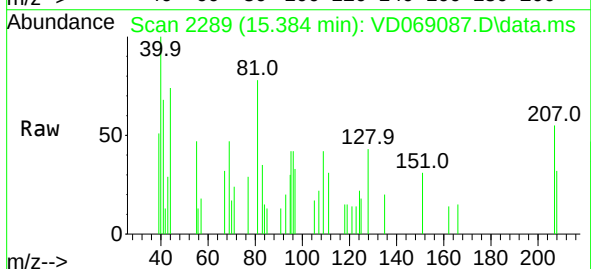
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 116819
Ion Ratio Lower Upper
75 100
53 0.1 80.4 120.6#
89 1.3 37.8 56.8#



#95
Naphthalene
Concen: 2.95 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069087.D
Acq: 06 May 2021 20:53



Tgt Ion: 128 Resp: 954
Ion Ratio Lower Upper
128 100
127 6.2 10.7 16.1#
129 0.0 8.5 12.7#

