

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD069011.D
 Acq On : 28 Apr 2021 18:31
 Operator : VA/SY
 Sample : M2213-02
 Misc : 5.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 29 06:34:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

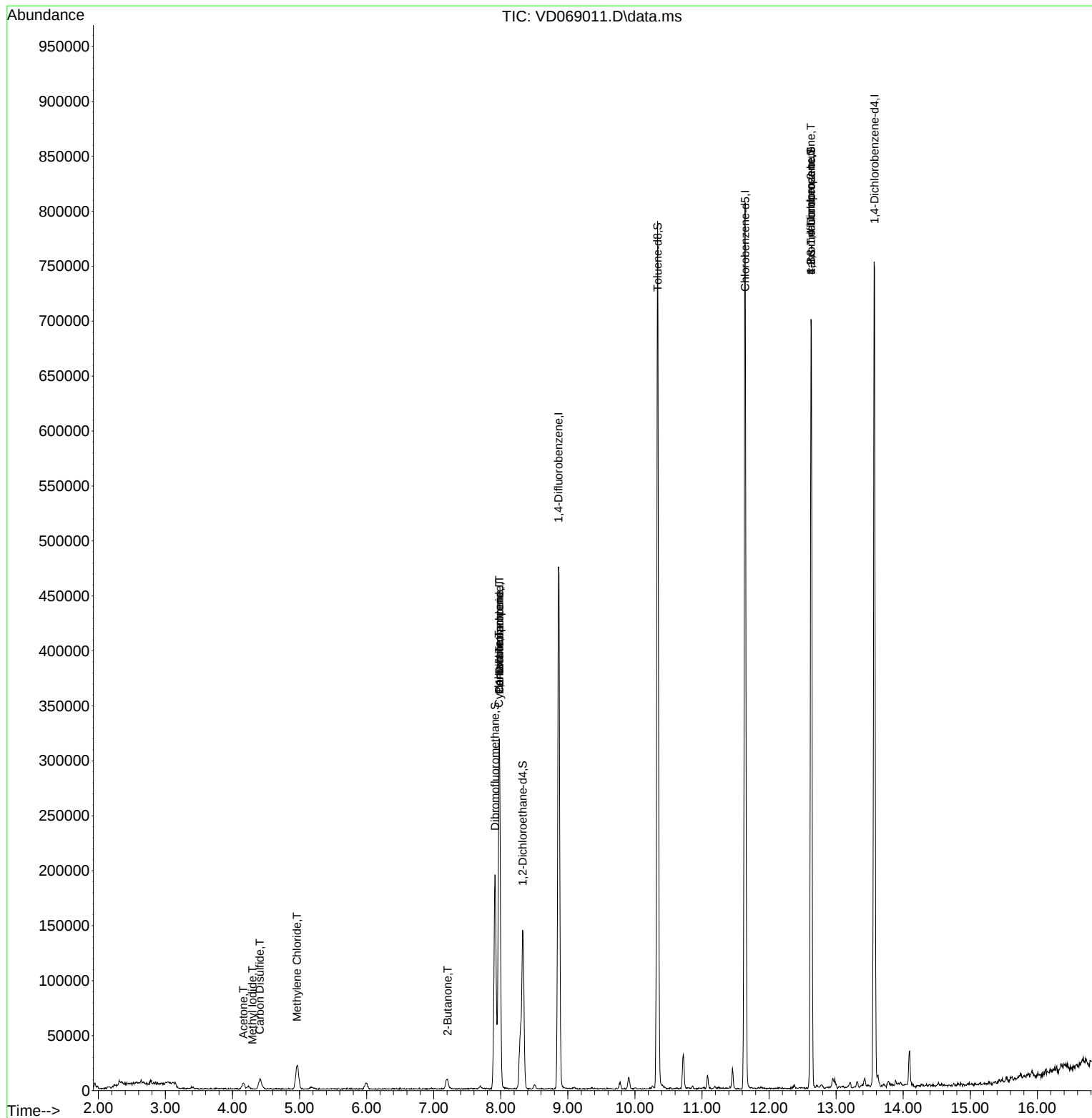
Internal Standards						
1) Pentafluorobenzene	7.979	168	246897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	438208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	500849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	215552	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	111312	42.66	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.32%		
35) Dibromofluoromethane	7.914	113	136858	48.02	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.04%		
50) Toluene-d8	10.338	98	539457	50.17	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.34%		
62) 4-Bromofluorobenzene	12.626	95	215321	60.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	120.60%		
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	408	2.38	ug/l #	61
11) Tert butyl alcohol	5.262	59	74	Below Cal	#	73
16) Acetone	4.162	43	9898	27.39	ug/l	92
17) Carbon Disulfide	4.409	76	18491	2.31	ug/l #	88
20) Methylene Chloride	4.962	84	19948	2.22	ug/l #	87
25) 2-Butanone	7.208	43	2504	4.90	ug/l	88
31) Cyclohexane	7.973	56	5542	1.28	ug/l #	29
36) 1,1-Dichloropropene	7.979	75	17339	3.91	ug/l #	50
38) Carbon Tetrachloride	7.979	117	24091	5.49	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	106678	54.17	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	106678	125.72	ug/l #	16

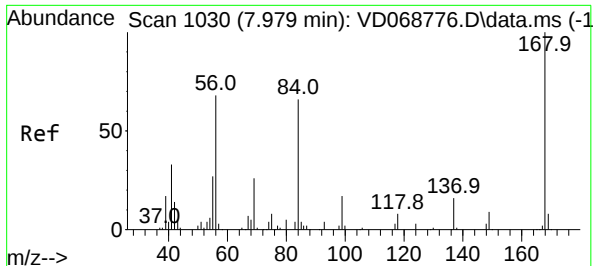
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
Data File : VD069011.D
Acq On : 28 Apr 2021 18:31
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Sample : M2213-02
Misc : 5.12G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 29 06:34:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

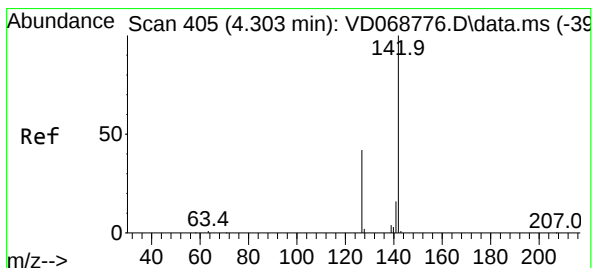
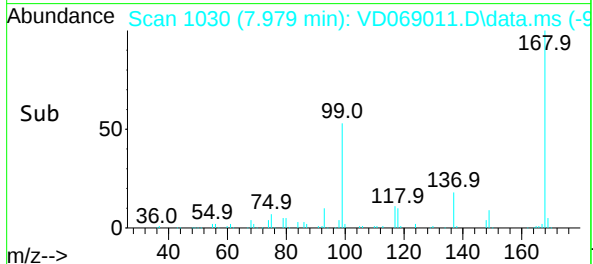
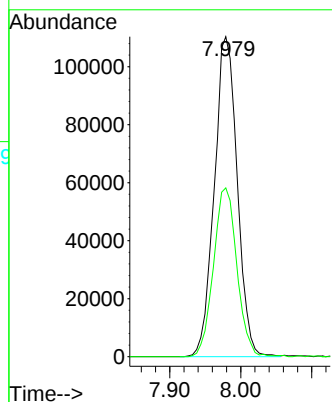
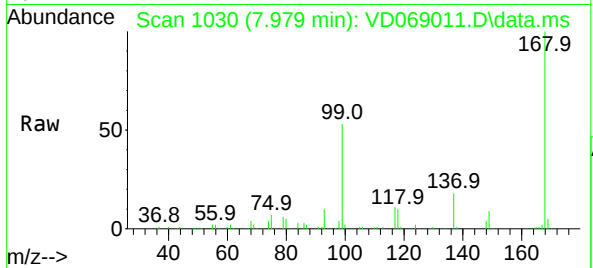




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

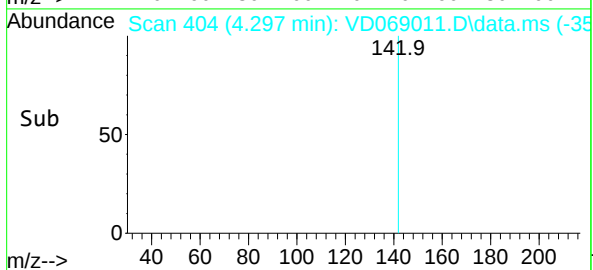
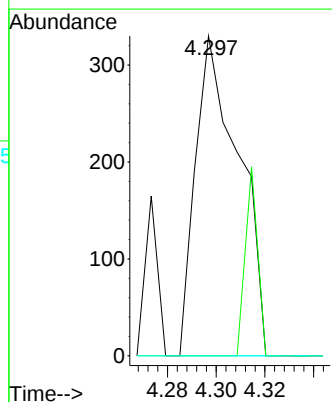
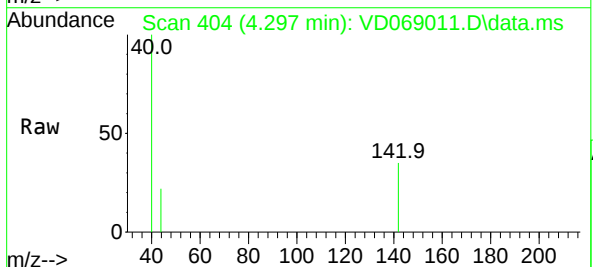
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 246897
Ion Ratio Lower Upper
168 100
99 52.7 46.2 69.2



#10
Methyl Iodide
Concen: 2.38 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

Tgt Ion:142 Resp: 408
Ion Ratio Lower Upper
142 100
127 16.9 34.7 52.1#
141 0.0 11.0 16.4#



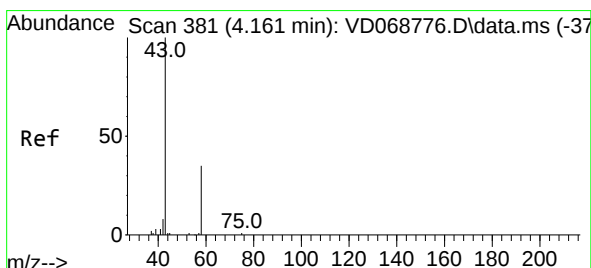
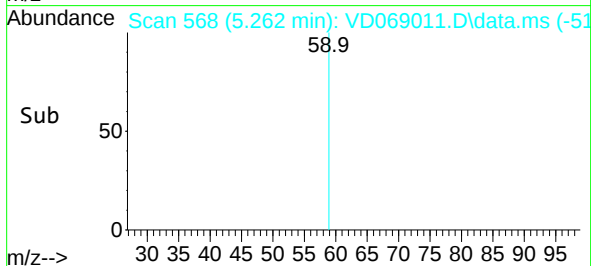
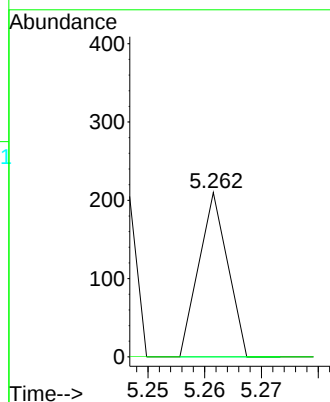
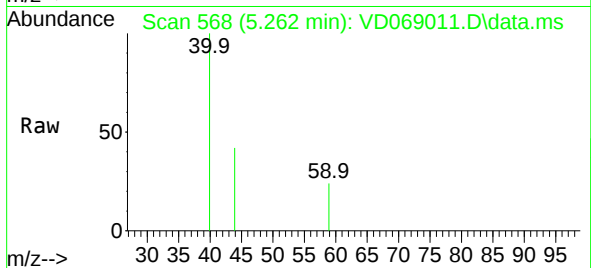


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.262 min Scan# 568
Delta R.T. 0.042 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

Instrument :
MSVOA_D
ClientSampleId :

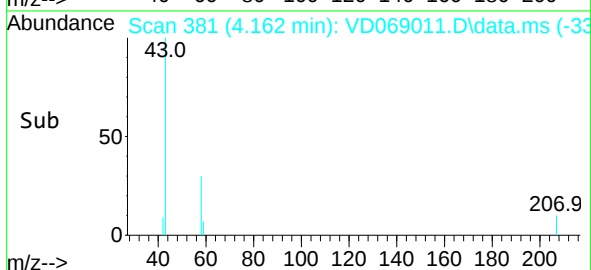
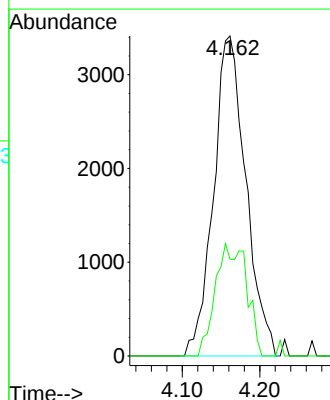
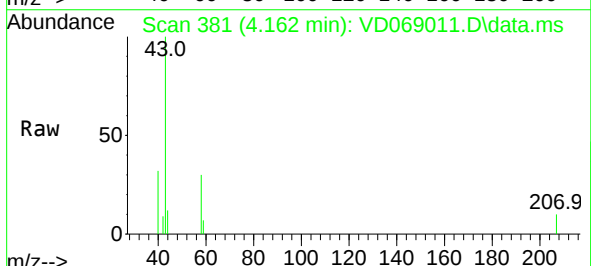
Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

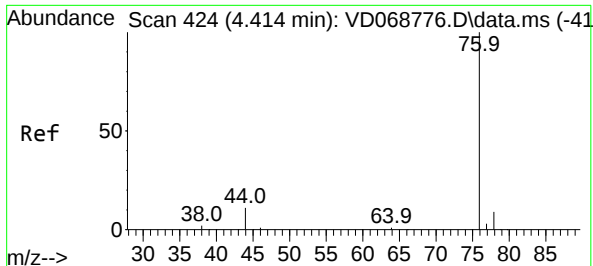


#16

Acetone
Concen: 27.39 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

Tgt Ion: 43 Resp: 9898
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0

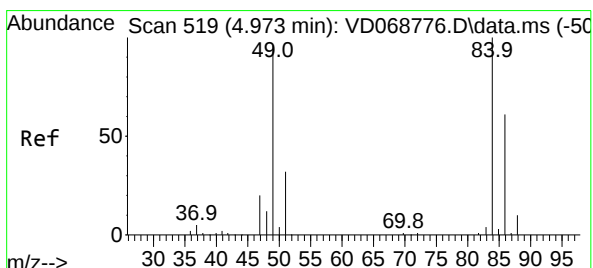
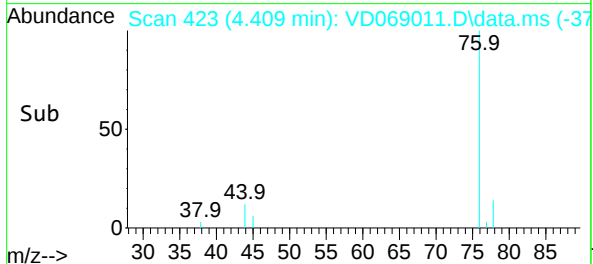
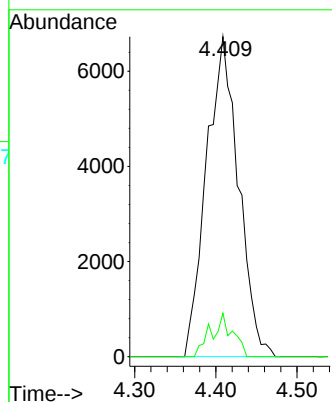
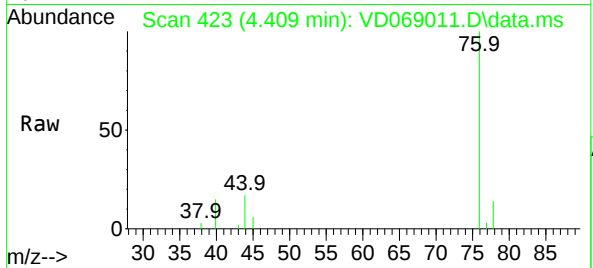




#17
Carbon Disulfide
Concen: 2.31 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

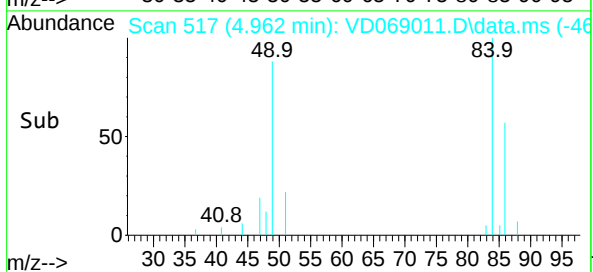
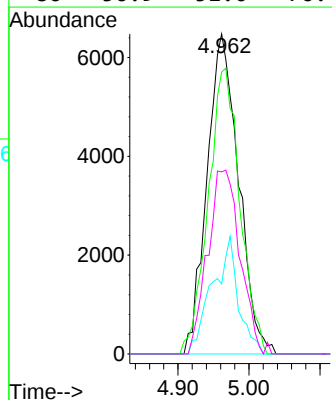
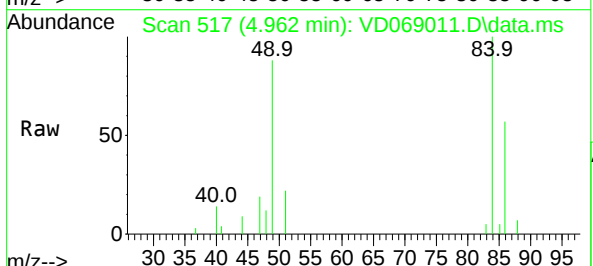
Instrument :
MSVOA_D
ClientSampleId :

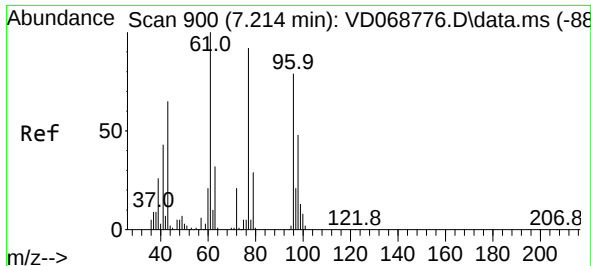
Tgt Ion: 76 Resp: 18491
Ion Ratio Lower Upper
76 100
78 13.6 7.3 10.9#



#20
Methylene Chloride
Concen: 2.22 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

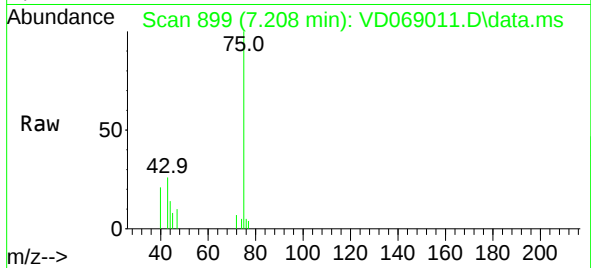
Tgt Ion: 84 Resp: 19948
Ion Ratio Lower Upper
84 100
49 88.1 83.4 125.0
51 21.9 23.4 35.2#
86 56.9 51.0 76.4



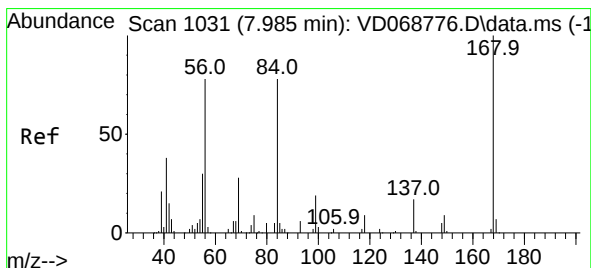
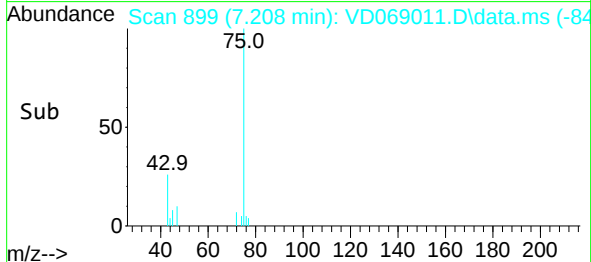
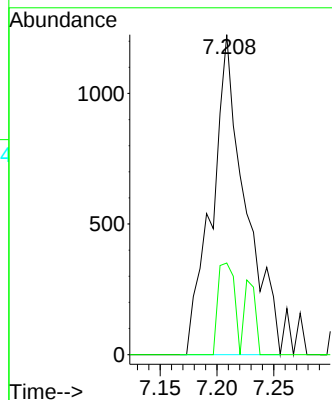


#25
2-Butanone
Concen: 4.90 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

Instrument :
MSVOA_D
ClientSampleId :

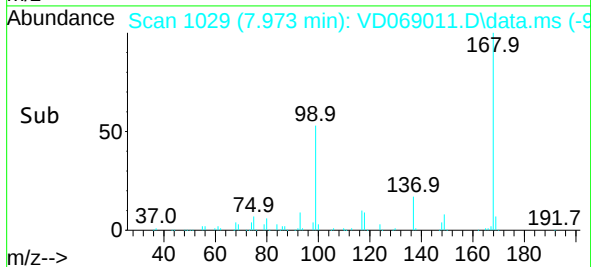
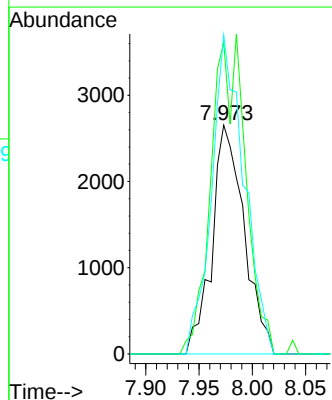
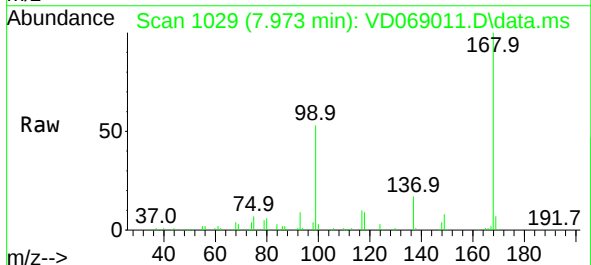


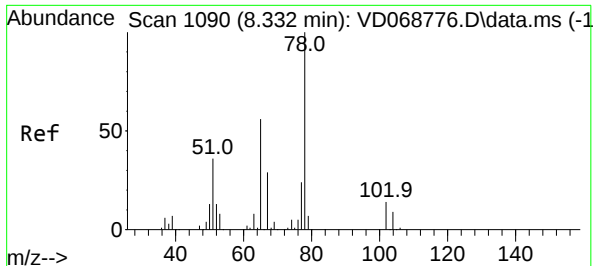
Tgt Ion: 43 Resp: 2504
Ion Ratio Lower Upper
43 100
72 28.7 28.6 43.0



#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

Tgt Ion: 56 Resp: 5542
Ion Ratio Lower Upper
56 100
69 136.1 30.0 45.0#
84 139.4 82.0 123.0#

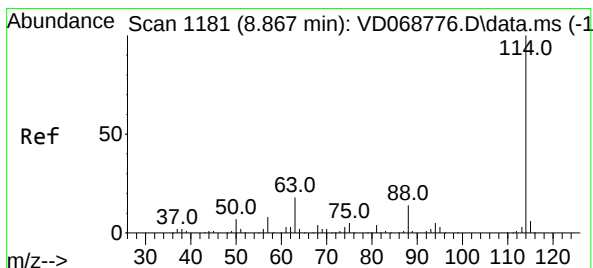
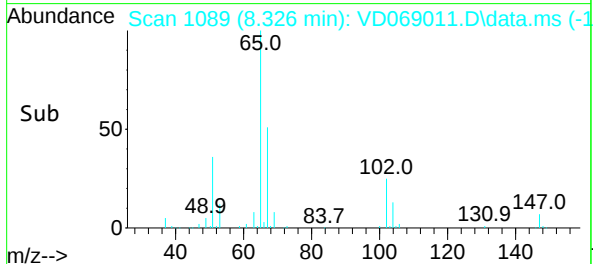
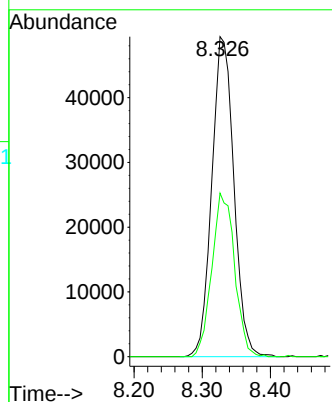
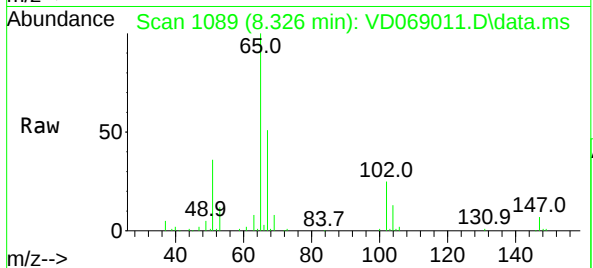




#33
1,2-Dichloroethane-d4
Concen: 42.66 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

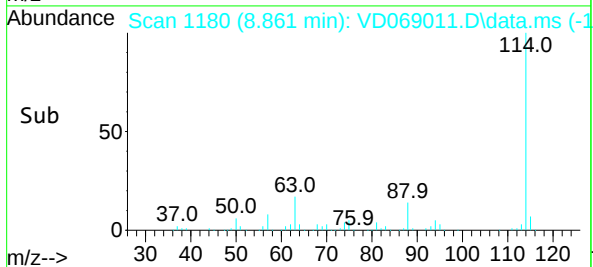
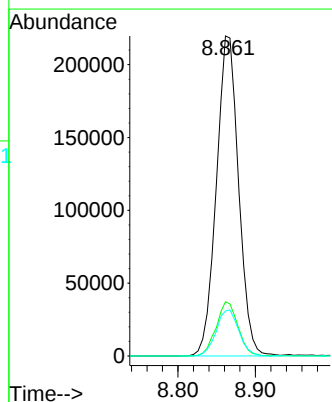
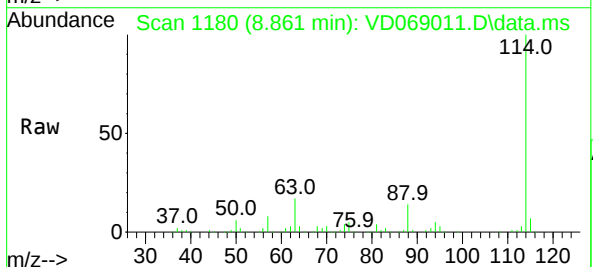
Instrument :
MSVOA_D
ClientSampleId :

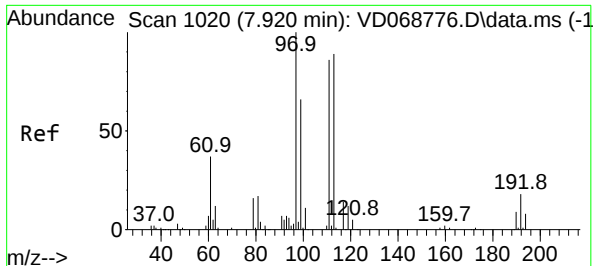
Tgt Ion: 65 Resp: 111312
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

Tgt Ion: 114 Resp: 438208
Ion Ratio Lower Upper
114 100
63 17.0 0.0 38.2
88 14.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.02 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069011.D

Acq: 28 Apr 2021 18:31

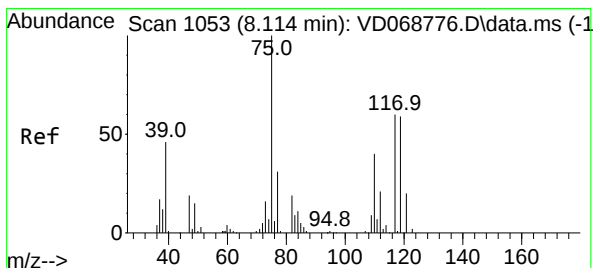
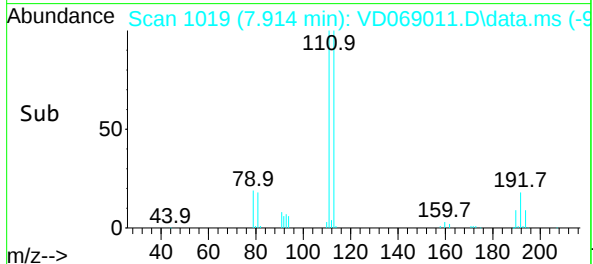
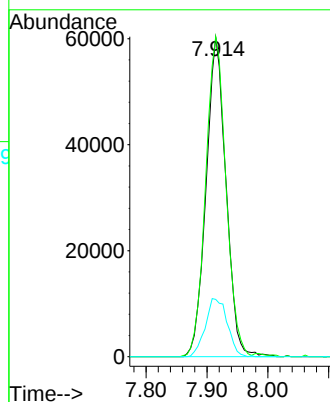
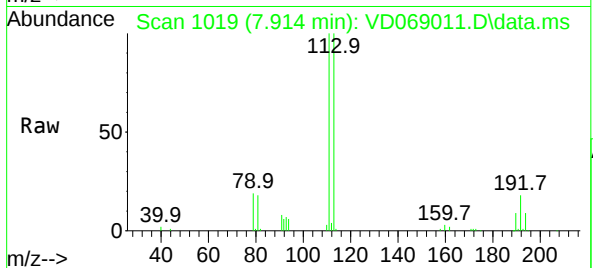
Tgt Ion:113 Resp: 136858

Ion Ratio Lower Upper

113 100

111 102.4 82.5 123.7

192 20.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 3.91 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD069011.D

Acq: 28 Apr 2021 18:31

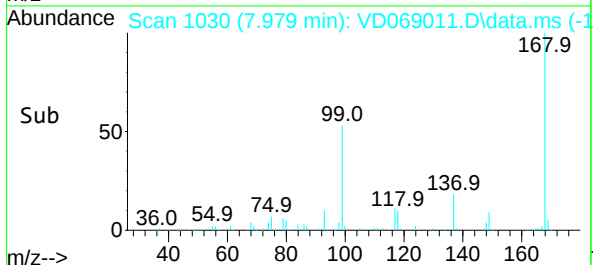
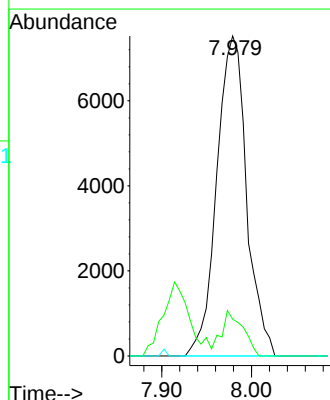
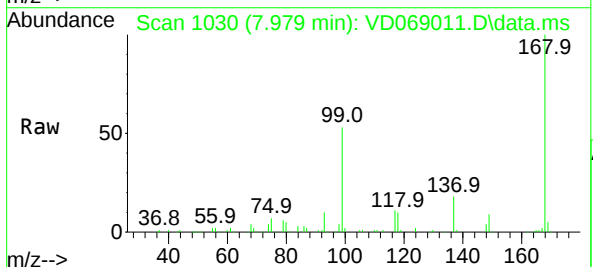
Tgt Ion: 75 Resp: 17339

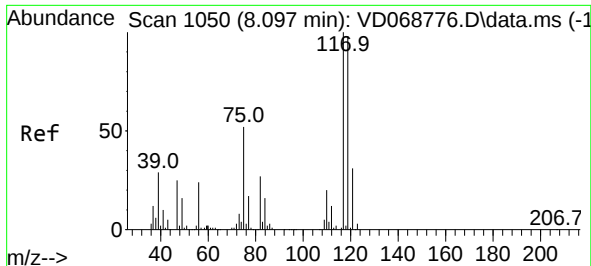
Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.4#

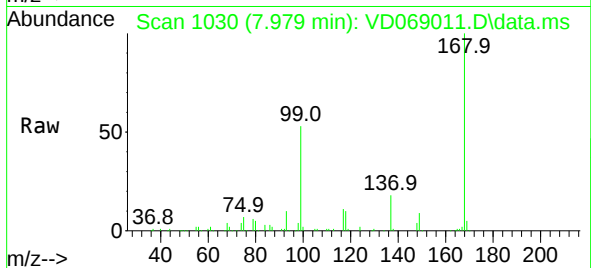
77 0.0 24.7 37.1#



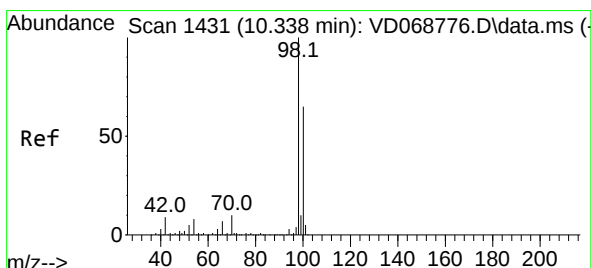
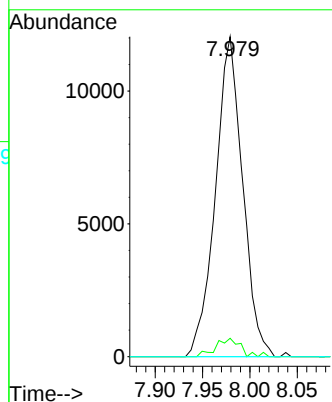
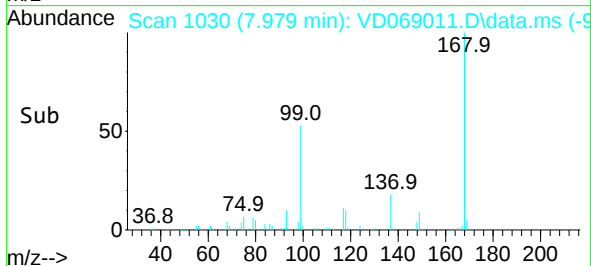


#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

Instrument :
MSVOA_D
ClientSampleId :

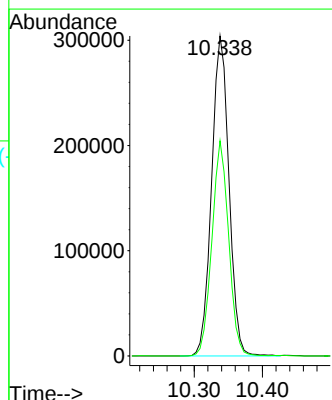
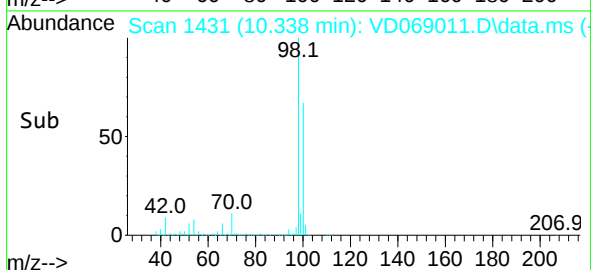
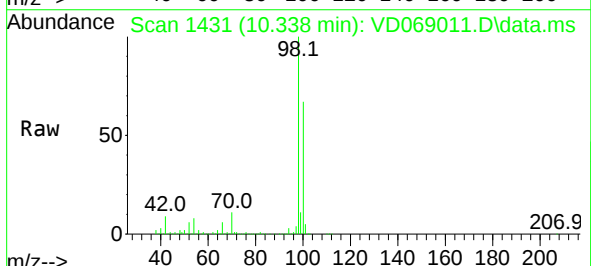


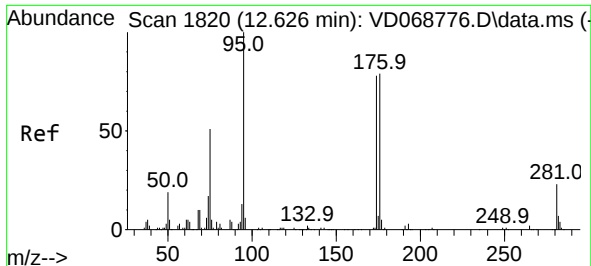
Tgt Ion:117 Resp: 24091
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 50.17 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

Tgt Ion: 98 Resp: 539457
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

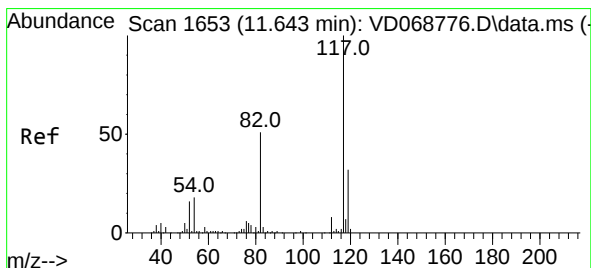
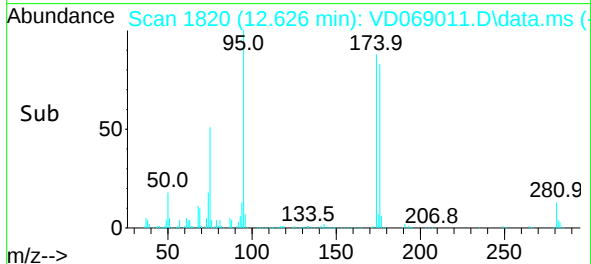
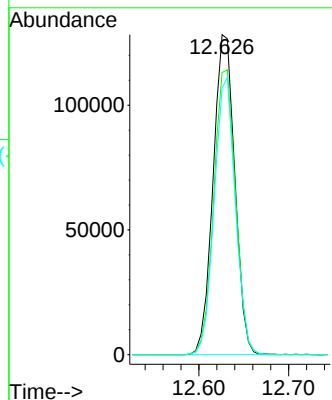
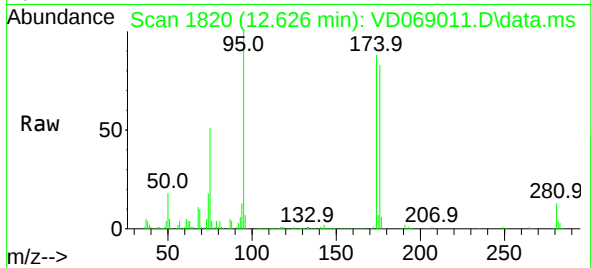




#62
4-Bromofluorobenzene
Concen: 60.30 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

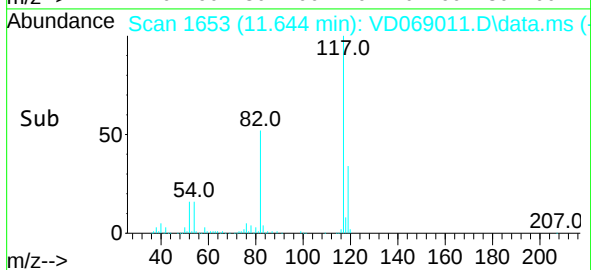
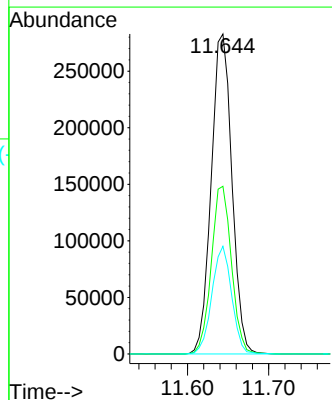
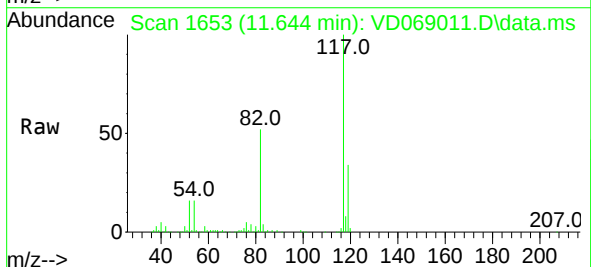
Instrument :
MSVOA_D
ClientSampleId :

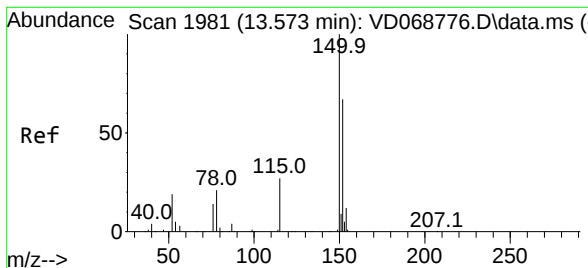
Tgt Ion: 95 Resp: 215321
Ion Ratio Lower Upper
95 100
174 89.6 0.0 168.0
176 84.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

Tgt Ion:117 Resp: 500849
Ion Ratio Lower Upper
117 100
82 52.4 43.5 65.3
119 33.7 26.7 40.1

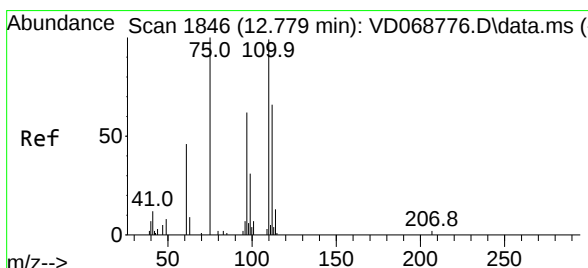
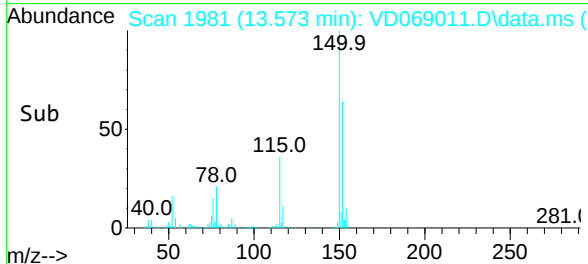
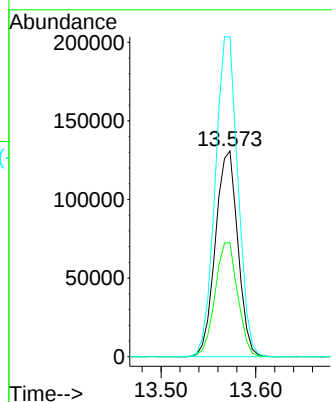
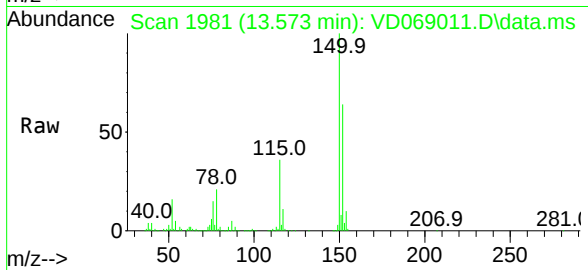




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

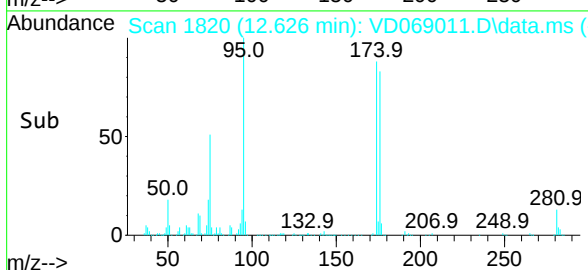
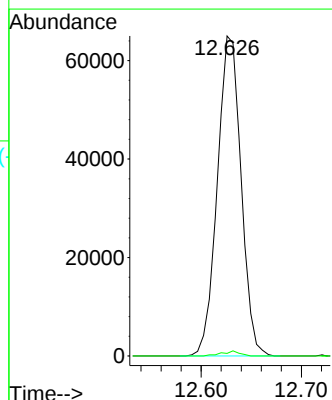
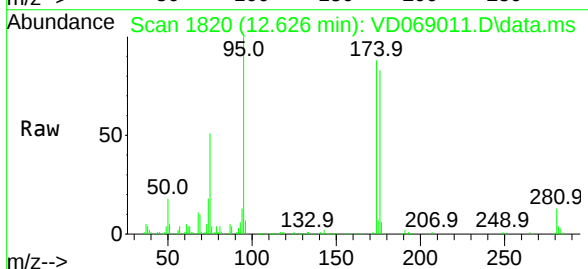
Instrument :
MSVOA_D
ClientSampleId :

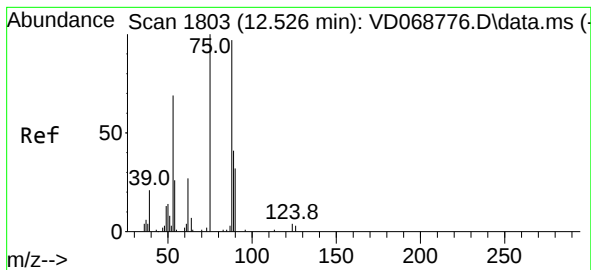
Tgt Ion:152 Resp: 215552
Ion Ratio Lower Upper
152 100
115 56.1 29.3 87.8
150 157.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 54.17 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069011.D
Acq: 28 Apr 2021 18:31

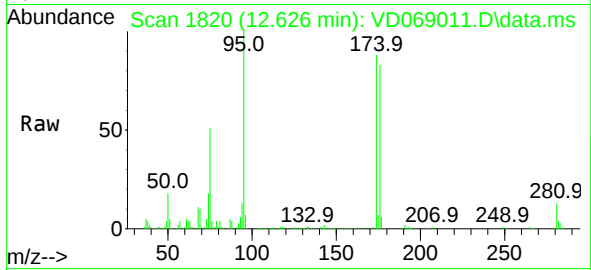
Tgt Ion: 75 Resp: 106678
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.72 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD069011.D
 Acq: 28 Apr 2021 18:31

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 106678
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.2 36.6 54.8#

