

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD069012.D
 Acq On : 28 Apr 2021 19:00
 Operator : VA/SY
 Sample : M2213-03
 Misc : 5.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 29 06:34:27 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)

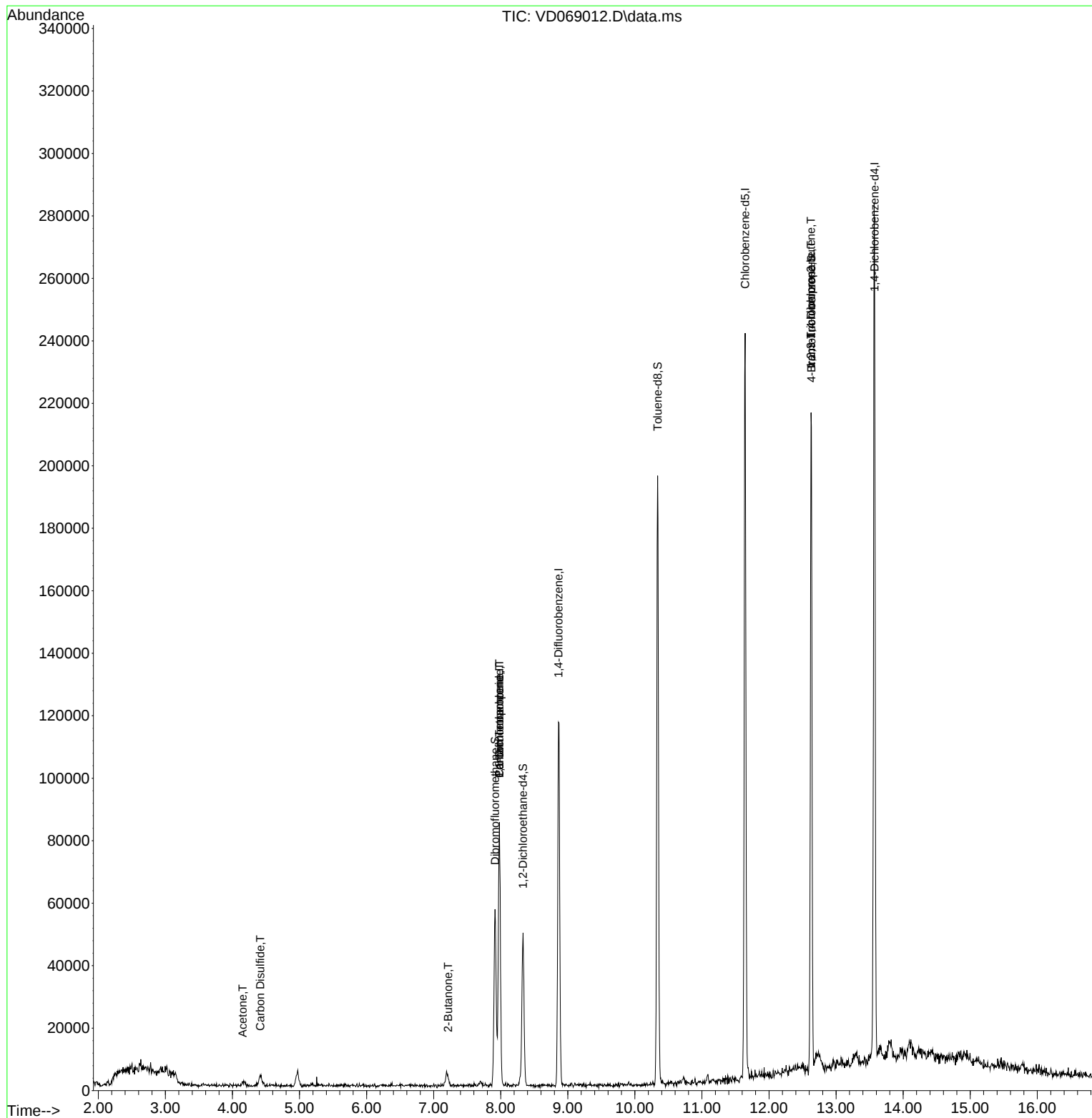
Internal Standards						
1) Pentafluorobenzene	7.979	168	65395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	107825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	145978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	77686	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	36882	53.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.72%	
35) Dibromofluoromethane	7.914	113	38607	55.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.10%	
50) Toluene-d8	10.338	98	140842	53.23	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.46%	
62) 4-Bromofluorobenzene	12.632	95	67368	76.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 153.34%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	65	Below Cal	#	73
16) Acetone	4.150	43	2370	24.76	ug/l	95
17) Carbon Disulfide	4.415	76	5883	2.78	ug/l #	93
25) 2-Butanone	7.214	43	301	2.22	ug/l #	39
36) 1,1-Dichloropropene	7.979	75	4475	4.10	ug/l #	45
38) Carbon Tetrachloride	7.979	117	6074	5.62	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	34863	49.12	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	34863	114.00	ug/l #	16

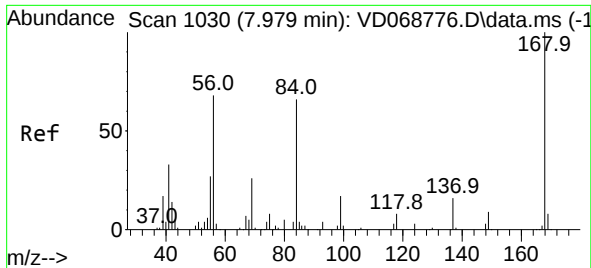
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

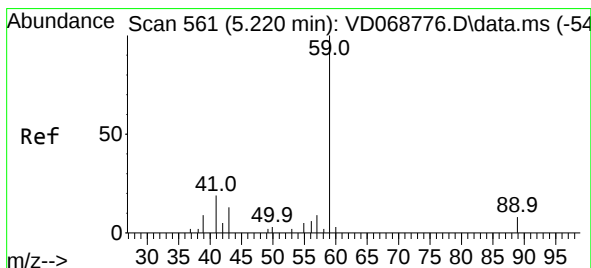
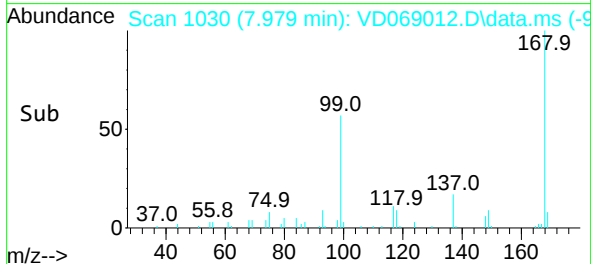
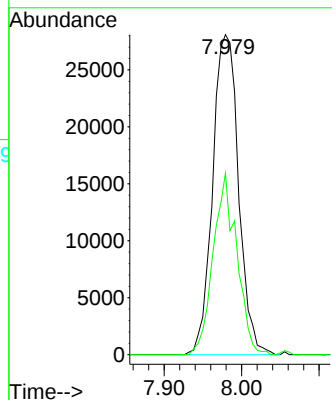
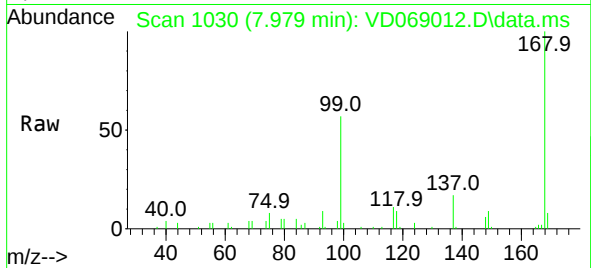




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

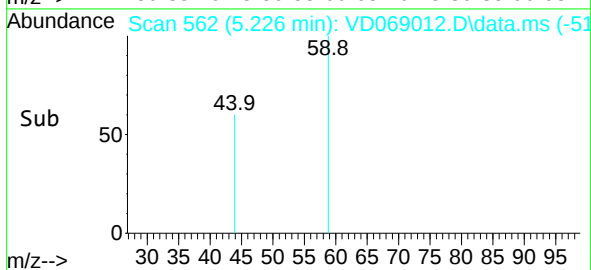
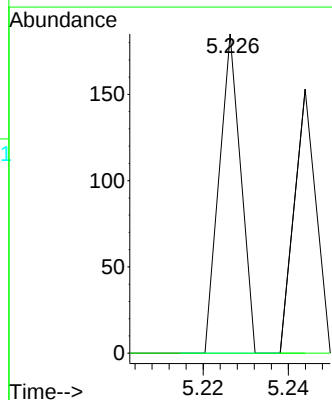
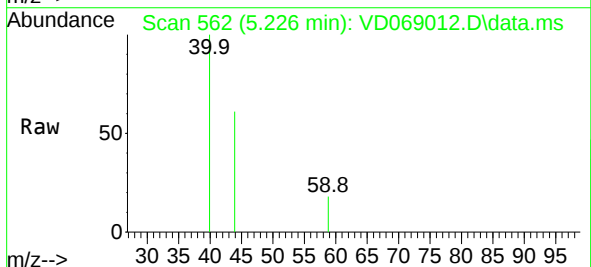
Instrument :
MSVOA_D
ClientSampleId :

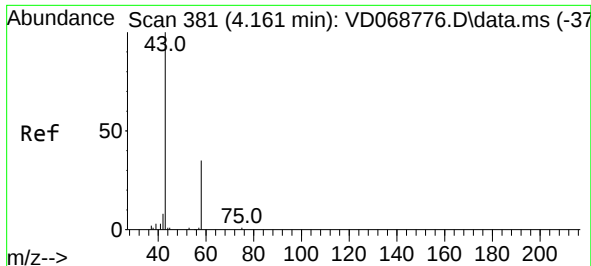
Tgt Ion:168 Resp: 65395
Ion Ratio Lower Upper
168 100
99 56.7 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

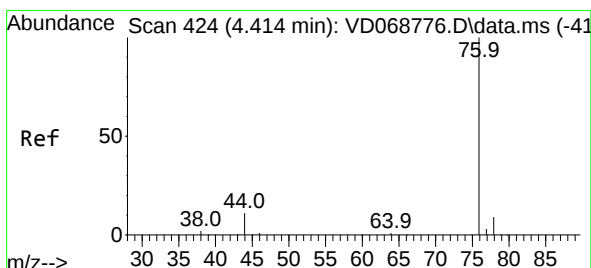
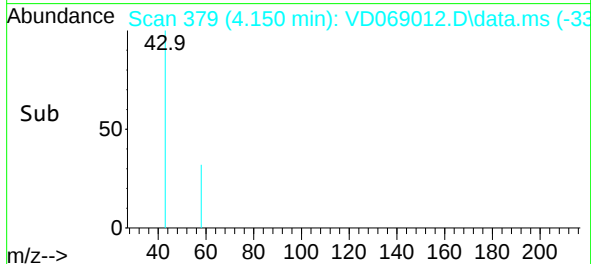
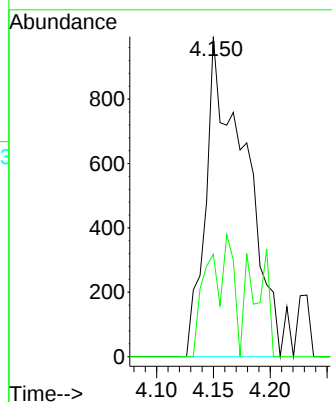
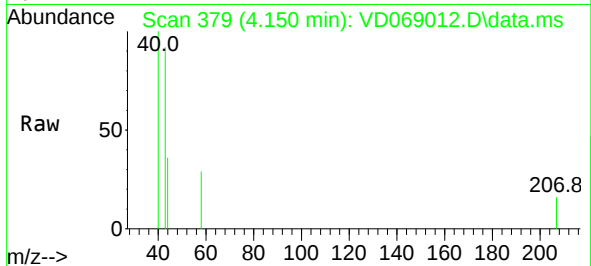




#16
Acetone
Concen: 24.76 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

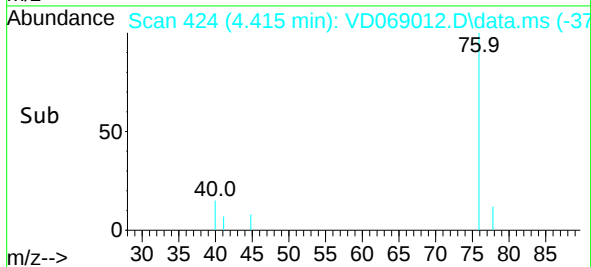
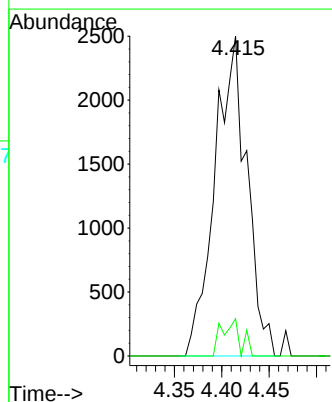
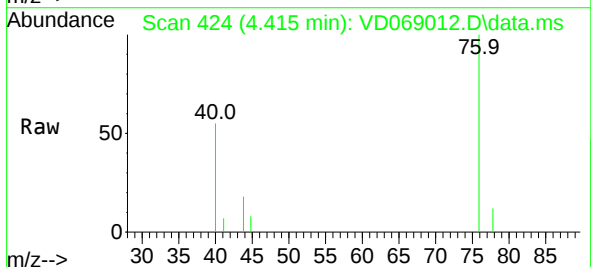
Instrument :
MSVOA_D
ClientSampled :

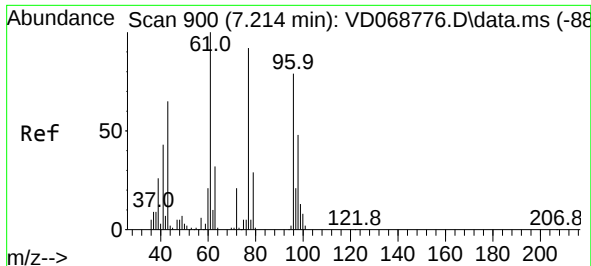
Tgt Ion: 43 Resp: 2370
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0



#17
Carbon Disulfide
Concen: 2.78 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

Tgt Ion: 76 Resp: 5883
Ion Ratio Lower Upper
76 100
78 11.6 7.3 10.9#

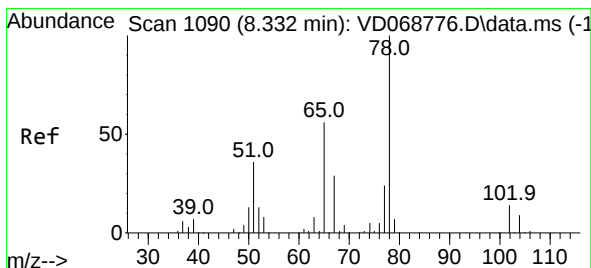
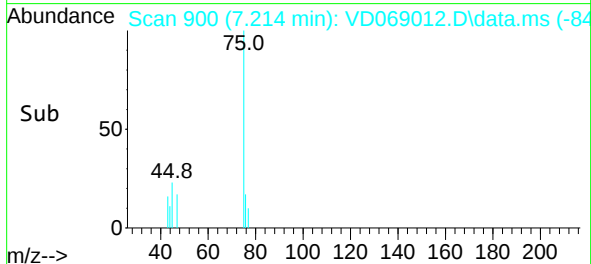
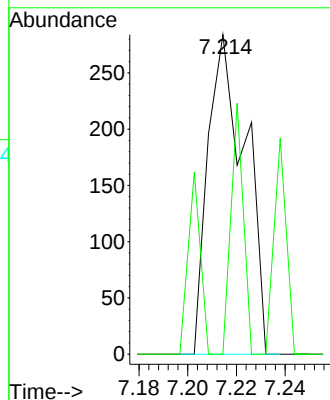
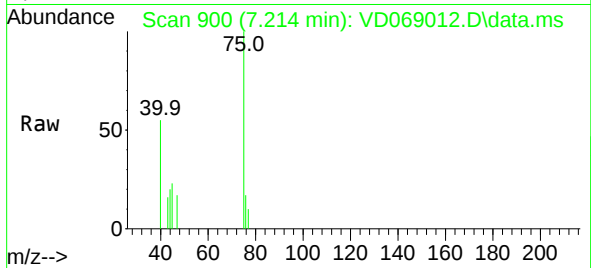




#25
2-Butanone
Concen: 2.22 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

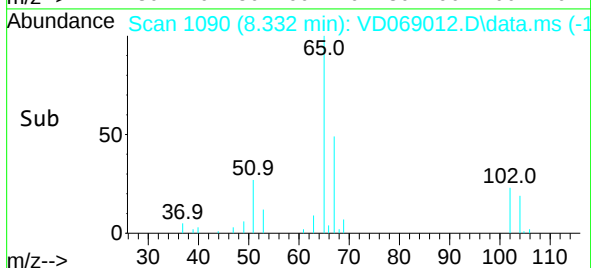
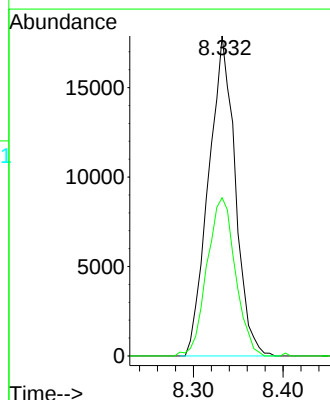
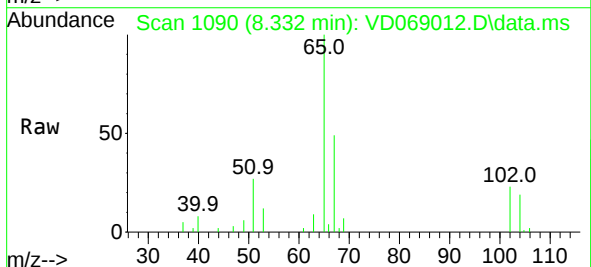
Instrument :
MSVOA_D
ClientSampled :

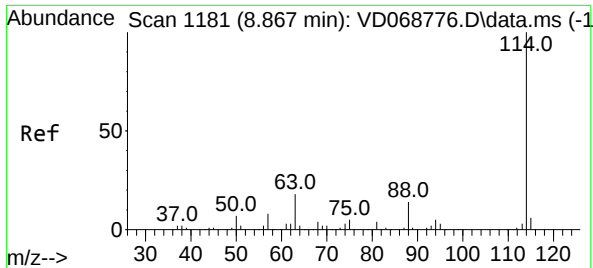
Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#



#33
1,2-Dichloroethane-d4
Concen: 53.36 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

Tgt Ion: 65 Resp: 36882
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0

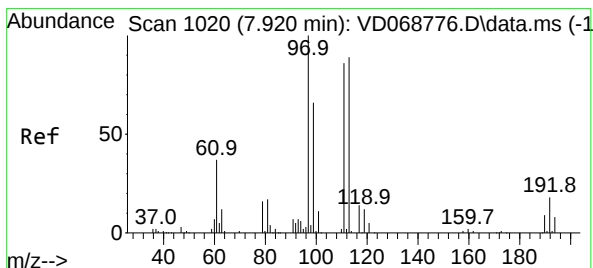
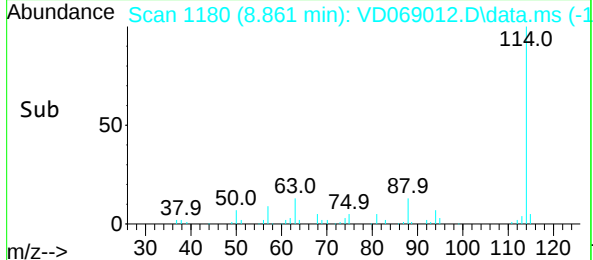
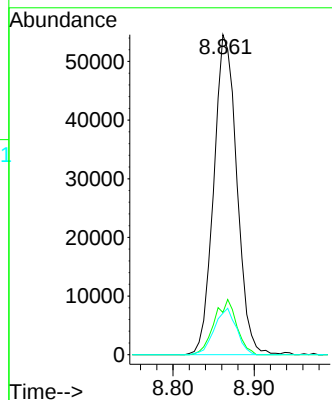
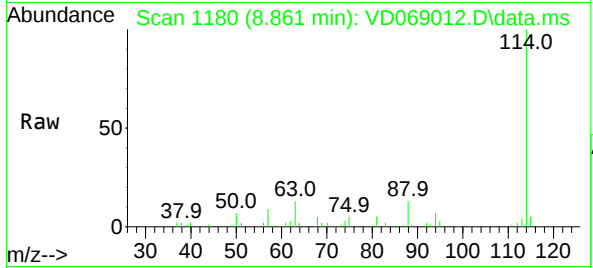




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

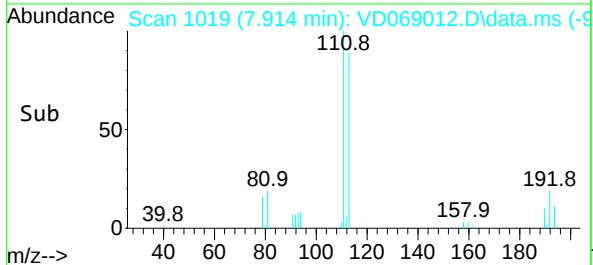
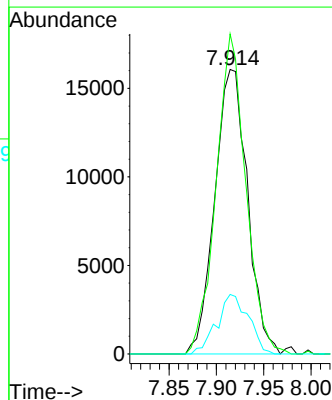
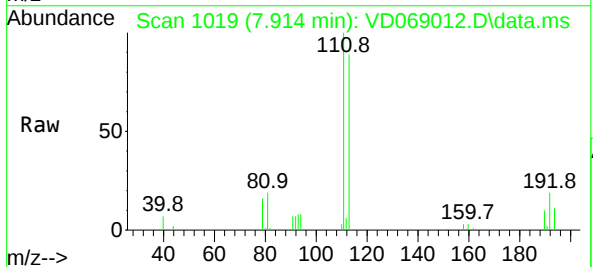
Instrument :
MSVOA_D
ClientSampled :

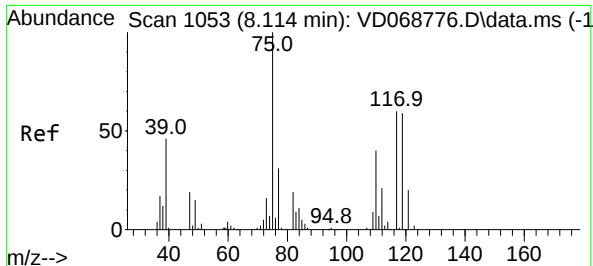
Tgt Ion:114 Resp: 107825
Ion Ratio Lower Upper
114 100
63 13.2 0.0 38.2
88 12.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 55.05 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

Tgt Ion:113 Resp: 38607
Ion Ratio Lower Upper
113 100
111 102.0 82.5 123.7
192 20.2 15.1 22.7

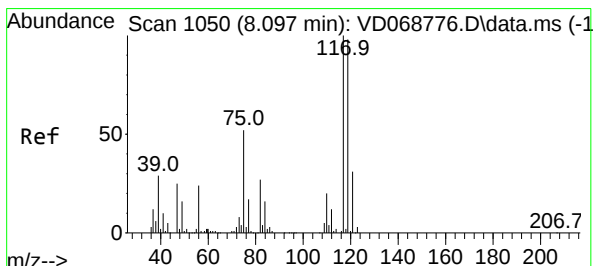
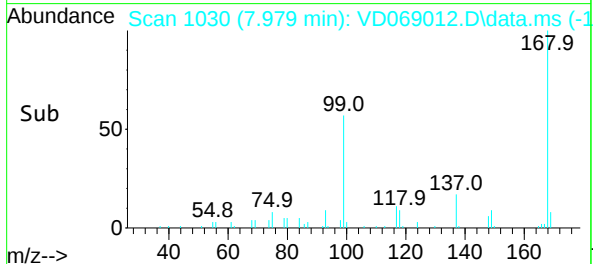
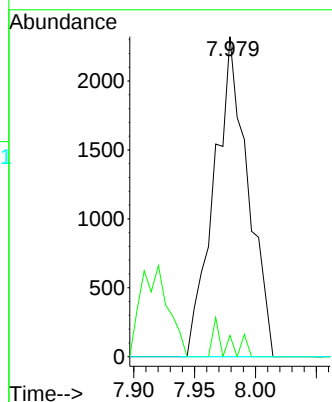
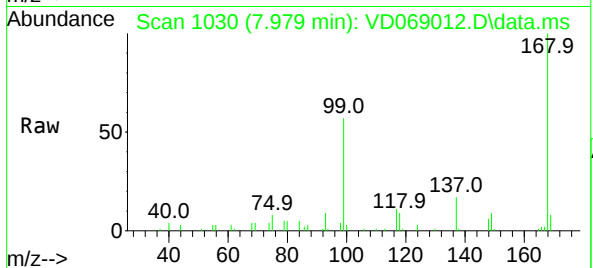




#36
1,1-Dichloropropene
Concen: 4.10 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

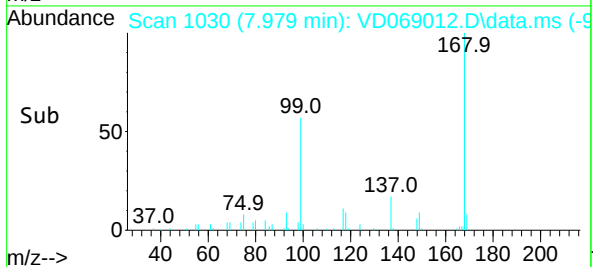
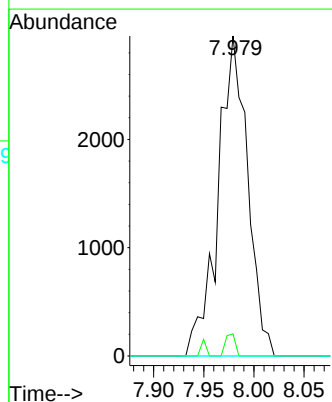
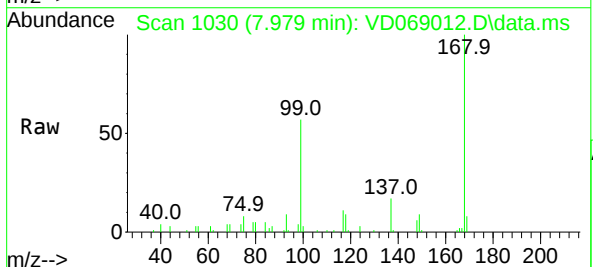
Instrument :
MSVOA_D
ClientSampled :

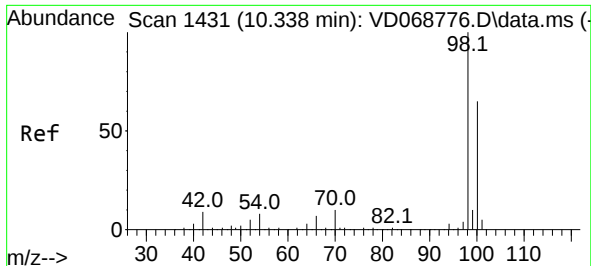
Tgt Ion: 75 Resp: 4475
Ion Ratio Lower Upper
75 100
110 4.7 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

Tgt Ion: 117 Resp: 6074
Ion Ratio Lower Upper
117 100
119 6.9 76.6 115.0#
121 0.0 26.1 39.1#

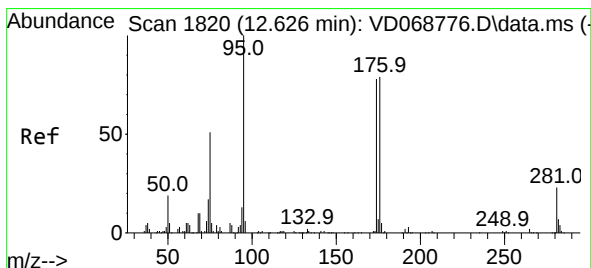
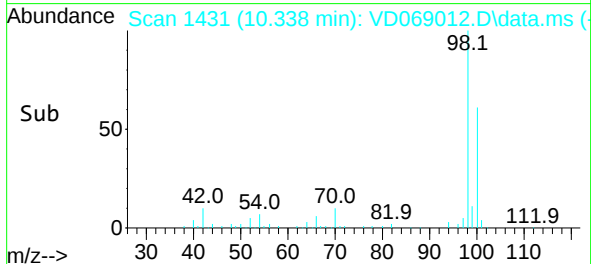
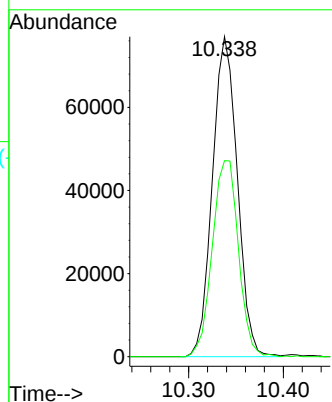
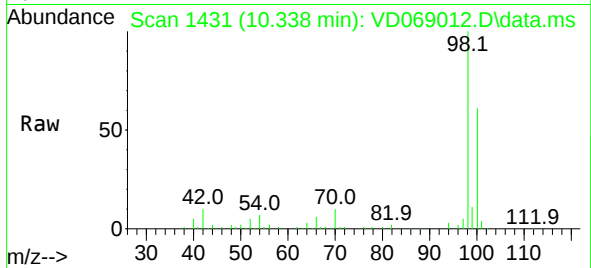




#50
Toluene-d8
Concen: 53.23 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

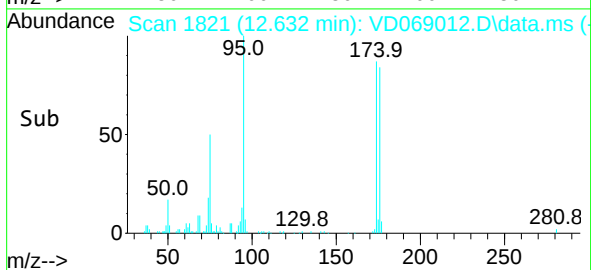
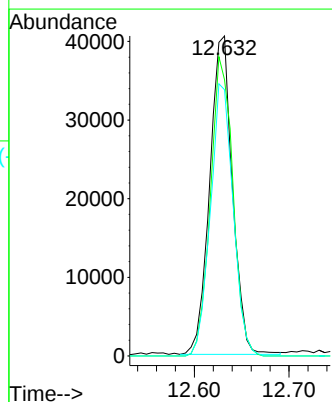
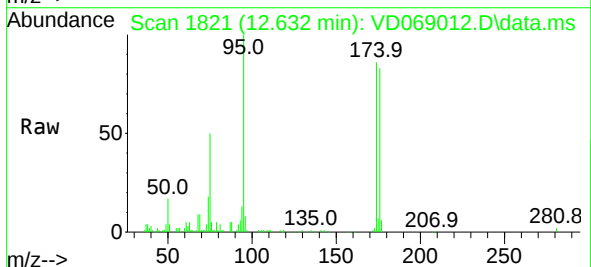
Instrument :
MSVOA_D
ClientSampled :

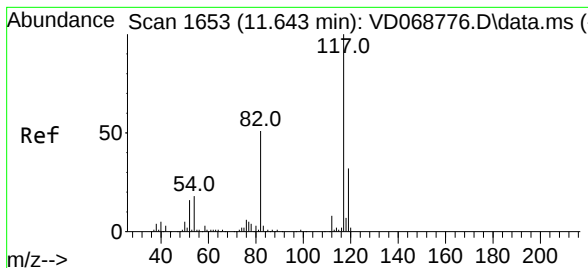
Tgt Ion: 98 Resp: 140842
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 76.67 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

Tgt Ion: 95 Resp: 67368
Ion Ratio Lower Upper
95 100
174 92.6 0.0 168.0
176 85.4 0.0 160.2

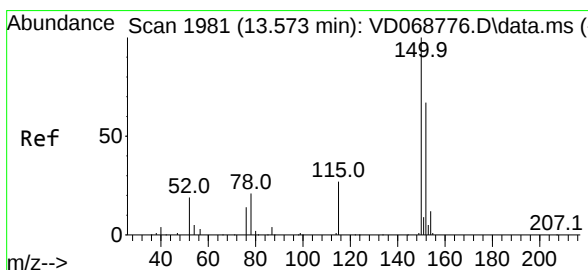
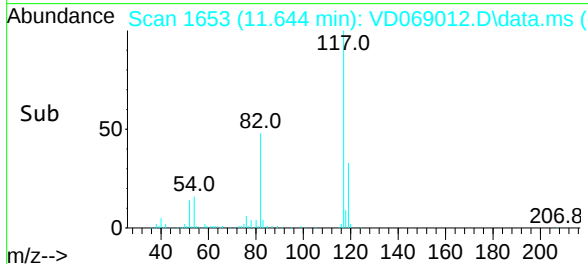
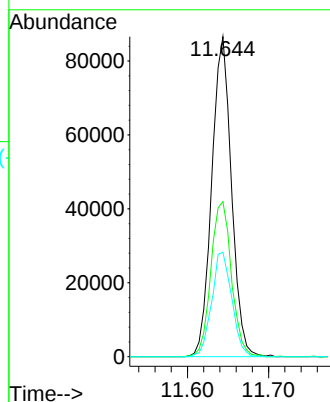
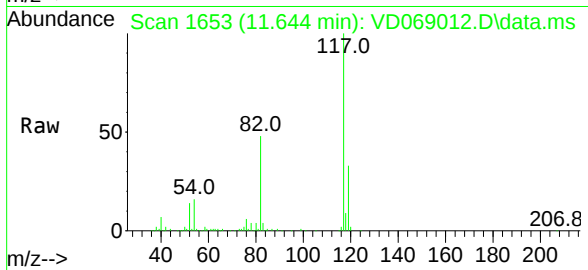




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

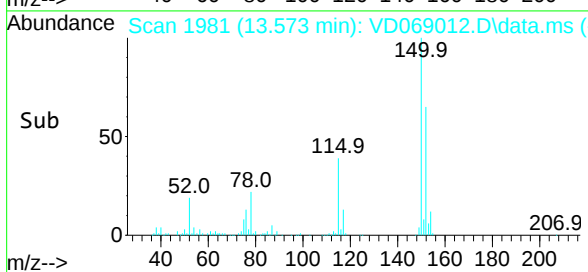
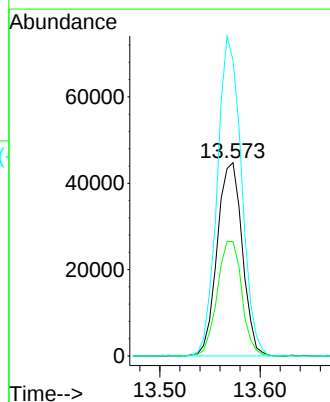
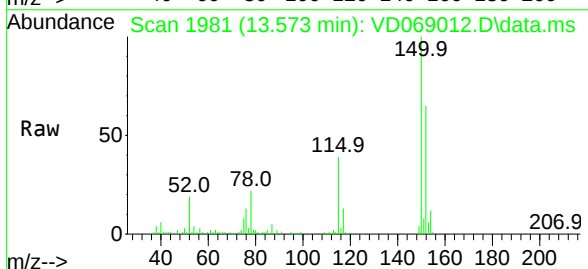
Instrument :
MSVOA_D
ClientSampleId :

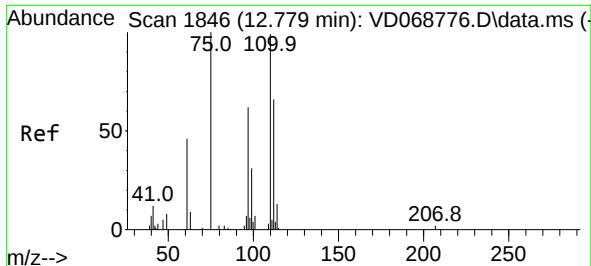
Tgt Ion:117 Resp: 145978
Ion Ratio Lower Upper
117 100
82 48.5 43.5 65.3
119 32.6 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

Tgt Ion:152 Resp: 77686
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.8
150 159.7 0.0 347.6

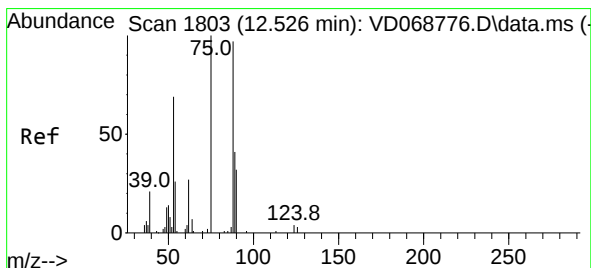
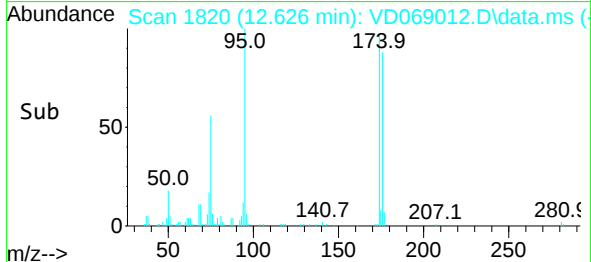
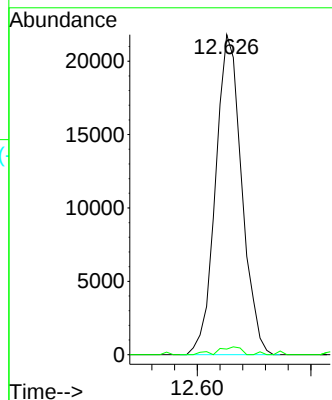
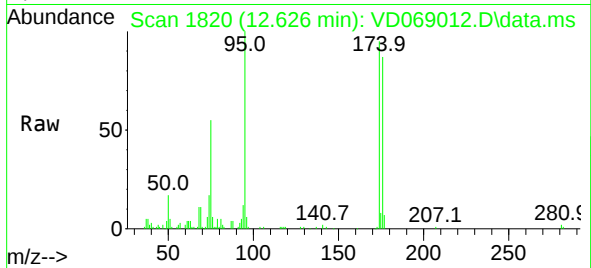




#76
1,2,3-Trichloropropane
Concen: 49.12 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 34863
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.00 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069012.D
Acq: 28 Apr 2021 19:00

Tgt Ion: 75 Resp: 34863
Ion Ratio Lower Upper
75 100
53 0.6 66.8 100.2#
89 0.0 36.6 54.8#

