

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069205.D
 Acq On : 19 May 2021 19:19
 Operator : VA/SY
 Sample : M2449-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 20 01:03:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

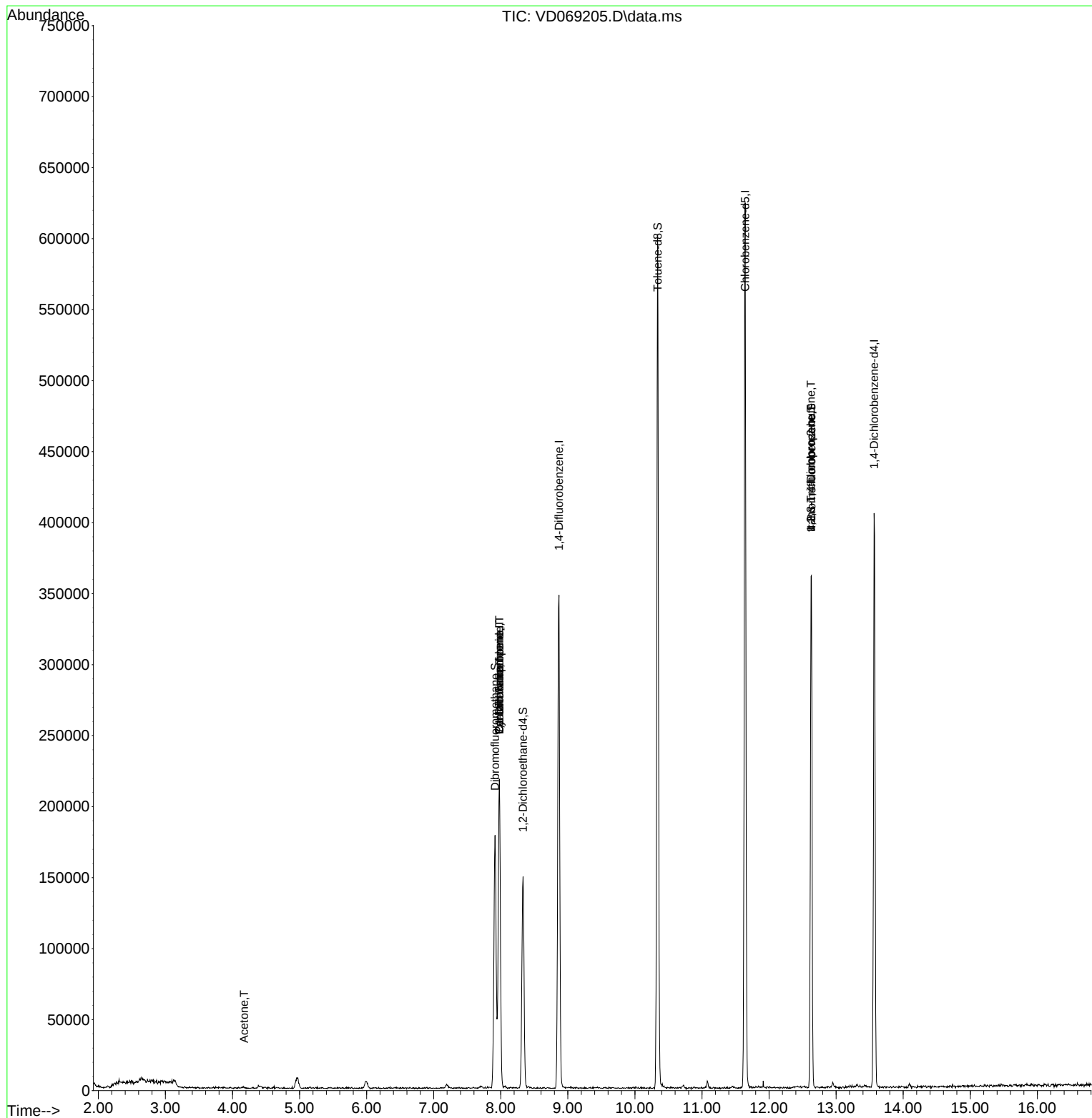
Internal Standards						
1) Pentafluorobenzene	7.979	168	157901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	305421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	368654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	112004	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119937	75.77	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 151.54%			
35) Dibromofluoromethane	7.914	113	124147	62.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 124.92%			
50) Toluene-d8	10.337	98	402343	55.09	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.18%			
62) 4-Bromofluorobenzene	12.631	95	112676	47.95	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.90%			
Target Compounds						
11) Tert butyl alcohol	5.238	59	94	Below Cal	#	73
16) Acetone	4.173	43	1539	6.35	ug/l	96
20) Methylene Chloride	4.955	84	6296	Below Cal		95
31) Cyclohexane	7.979	56	3425	1.46	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	14114	4.75	ug/l #	44
38) Carbon Tetrachloride	7.979	117	17129	5.16	ug/l #	19
76) 1,2,3-Trichloropropane	12.625	75	59366	70.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.625	75	59366	142.43	ug/l #	14

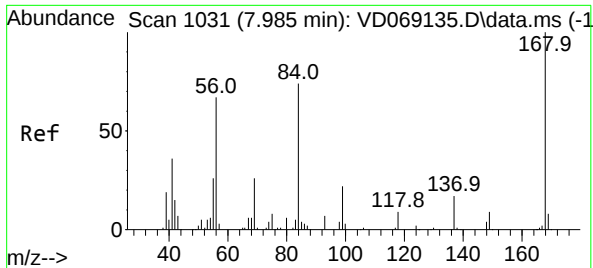
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
Data File : VD069205.D
Acq On : 19 May 2021 19:19
Operator : VA/SY
Sample : M2449-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 20 01:03:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

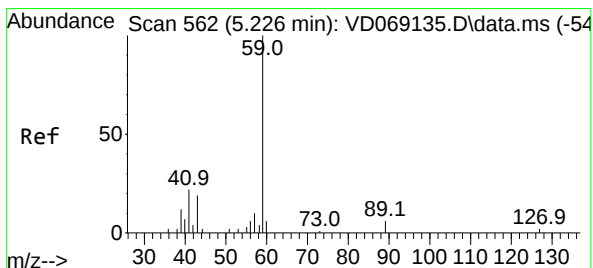
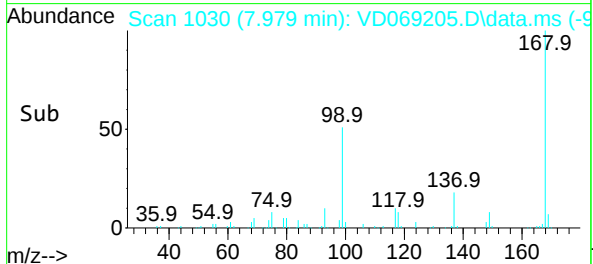
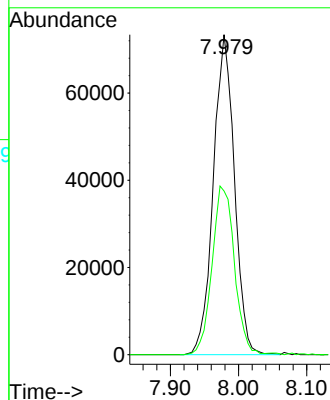
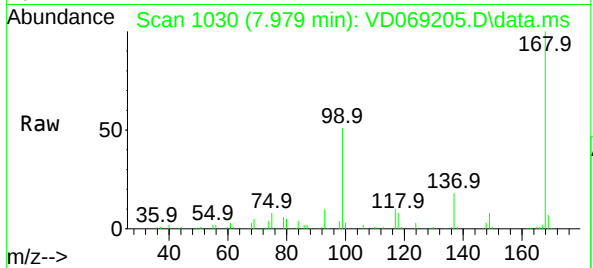




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

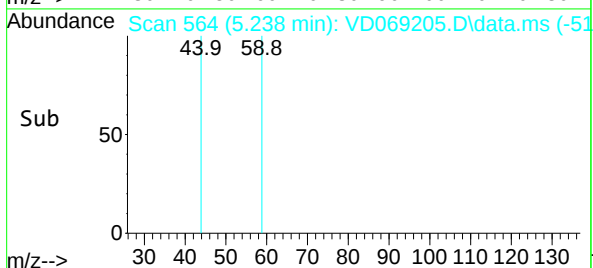
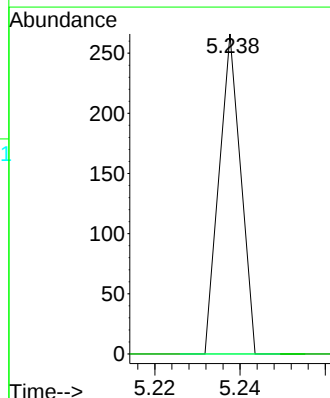
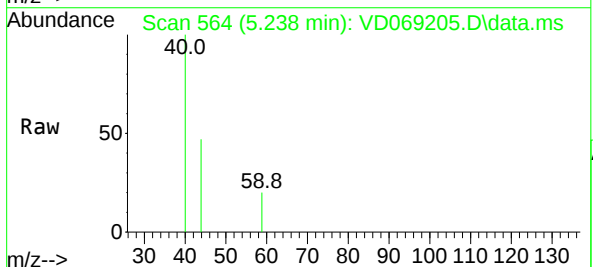
Instrument :
MSVOA_D
ClientSampleId :

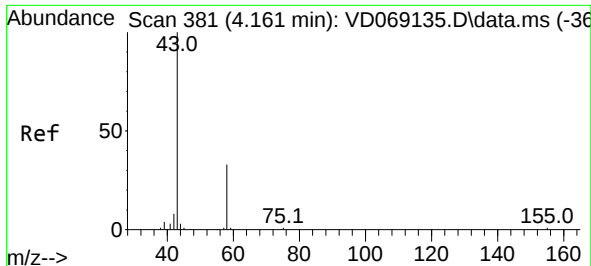
Tgt Ion:168 Resp: 157901
Ion Ratio Lower Upper
168 100
99 51.1 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

Tgt Ion: 59 Resp: 94
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

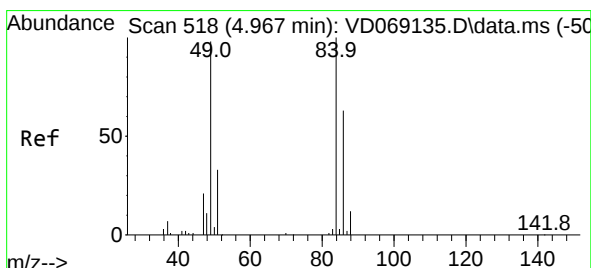
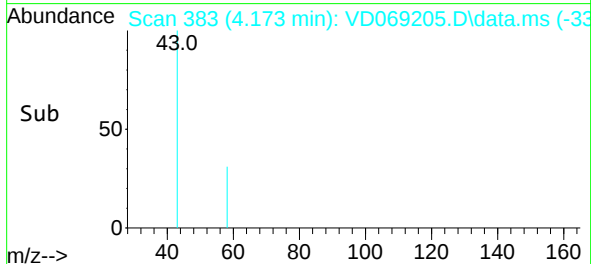
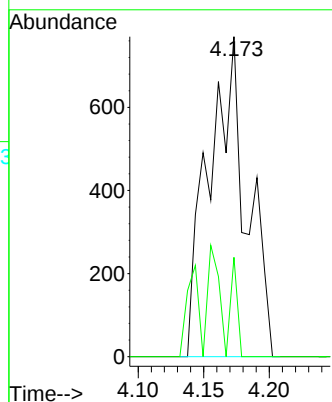
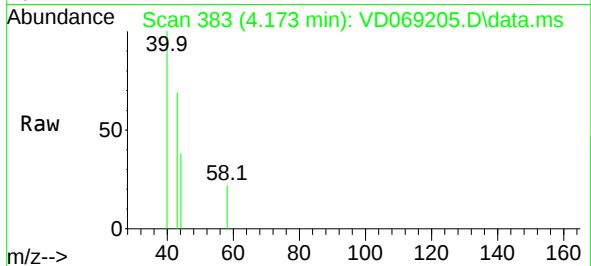




#16
Acetone
Concen: 6.35 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

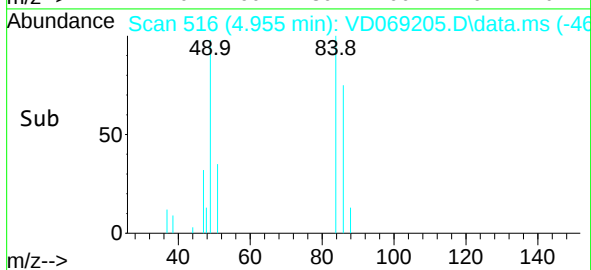
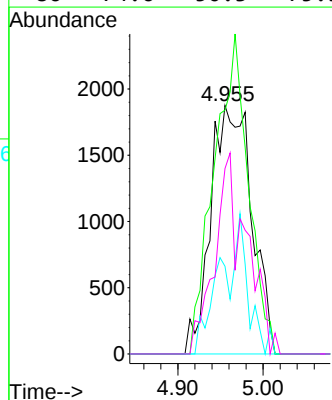
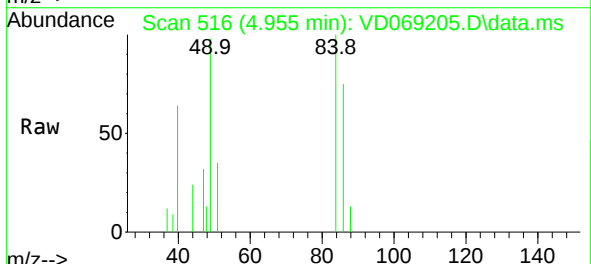
Instrument :
MSVOA_D
ClientSampled :

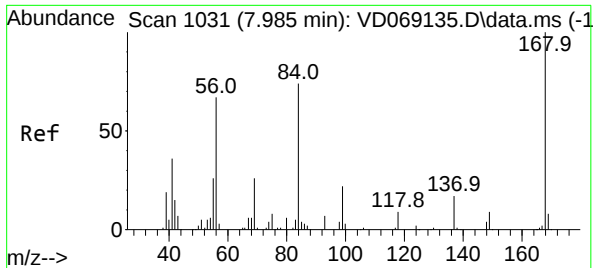
Tgt Ion: 43 Resp: 1539
Ion Ratio Lower Upper
43 100
58 31.0 26.7 40.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

Tgt Ion: 84 Resp: 6296
Ion Ratio Lower Upper
84 100
49 98.1 78.6 117.8
51 35.3 26.7 40.1
86 74.6 50.3 75.5

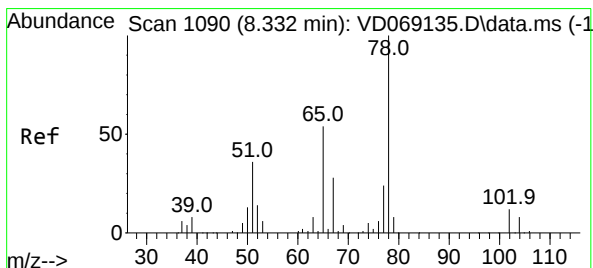
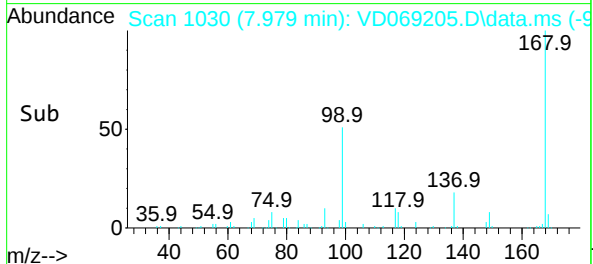
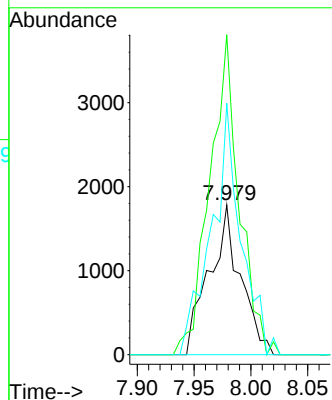
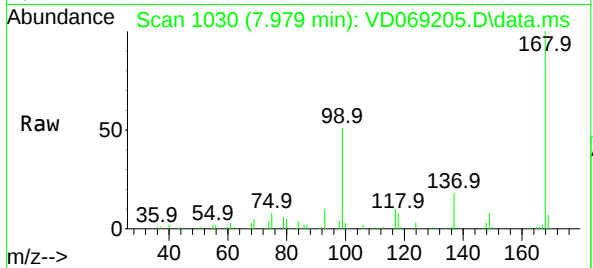




#31
Cyclohexane
Concen: 1.46 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

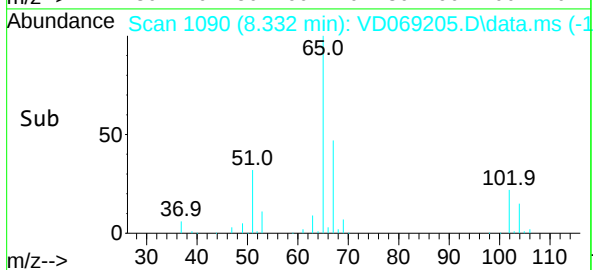
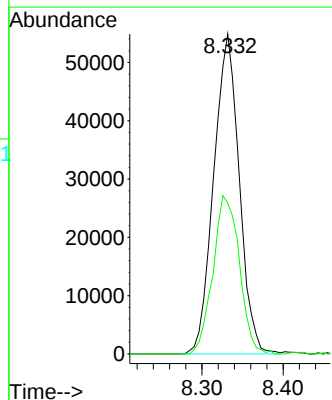
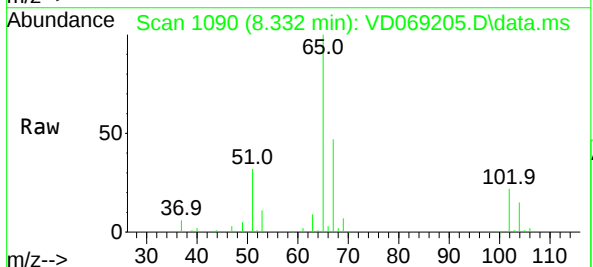
Instrument :
MSVOA_D
ClientSampleId :

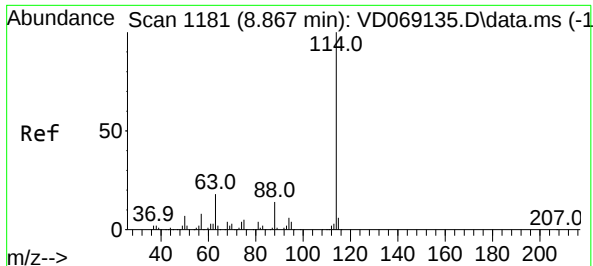
Tgt Ion: 56 Resp: 3425
Ion Ratio Lower Upper
56 100
69 213.6 30.6 46.0#
84 167.8 88.0 132.0#



#33
1,2-Dichloroethane-d4
Concen: 75.77 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

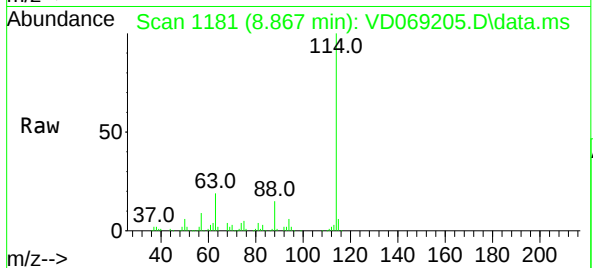
Tgt Ion: 65 Resp: 119937
Ion Ratio Lower Upper
65 100
67 51.2 0.0 108.0



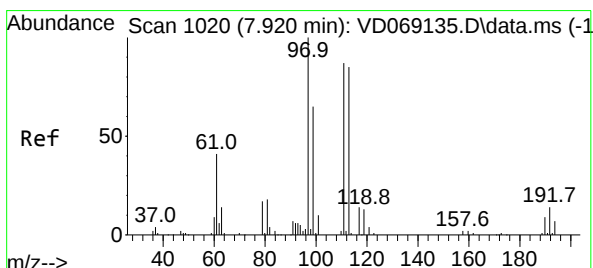
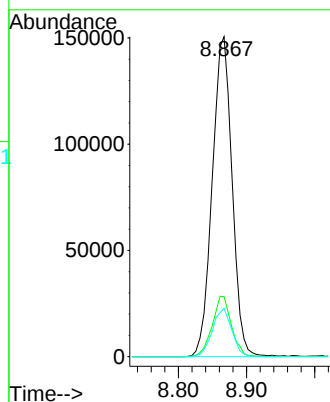
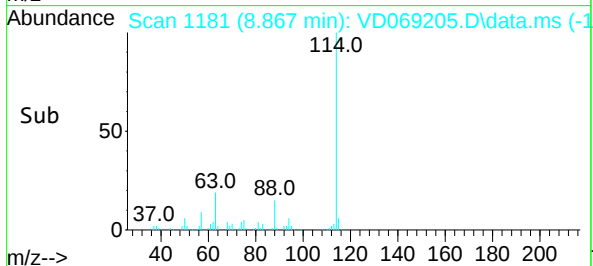


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

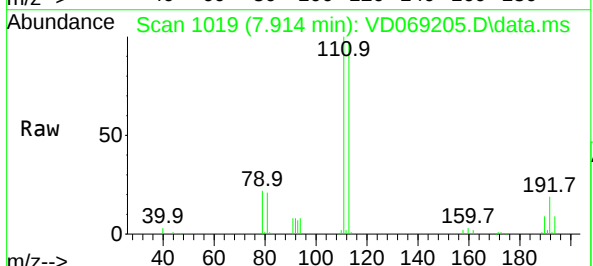
Instrument :
MSVOA_D
ClientSampled :



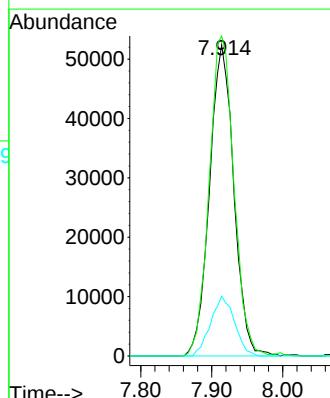
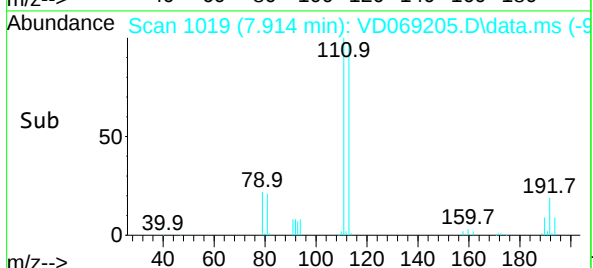
Tgt Ion:114 Resp: 305421
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 15.1 0.0 28.2

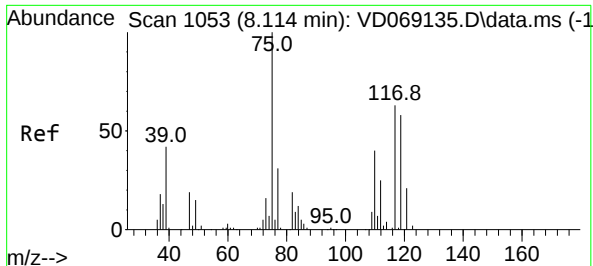


#35
Dibromofluoromethane
Concen: 62.46 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19



Tgt Ion:113 Resp: 124147
Ion Ratio Lower Upper
113 100
111 104.9 80.6 120.8
192 18.9 14.8 22.2

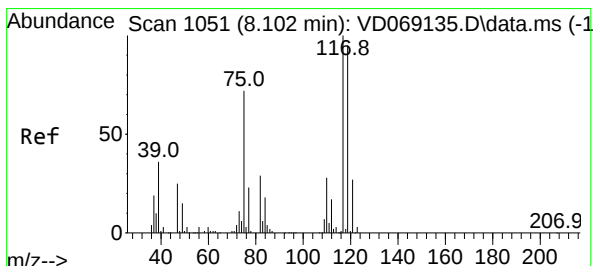
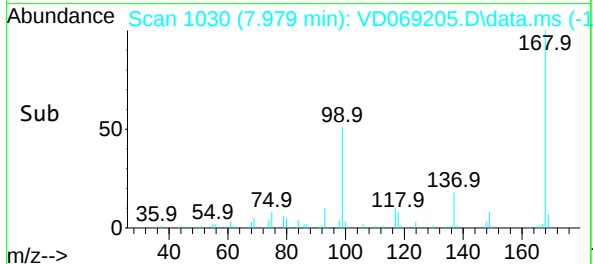
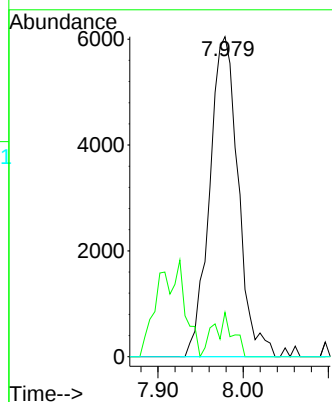
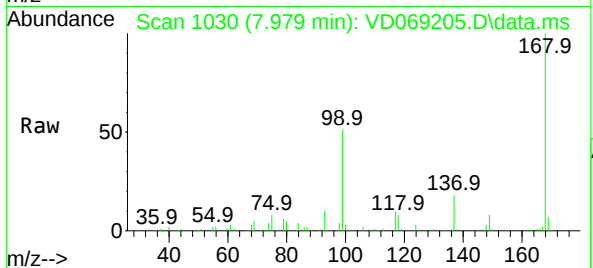




#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

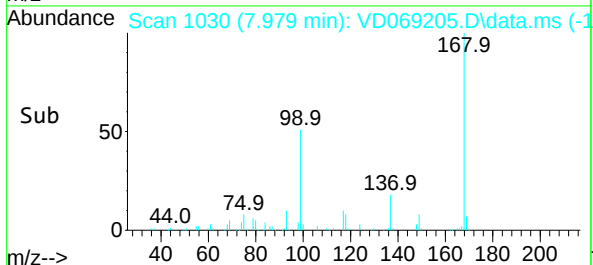
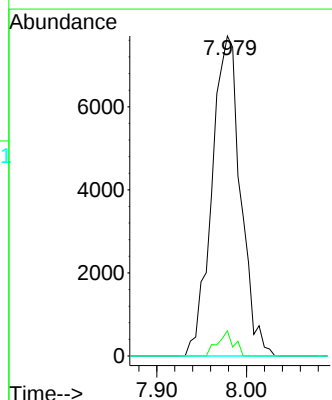
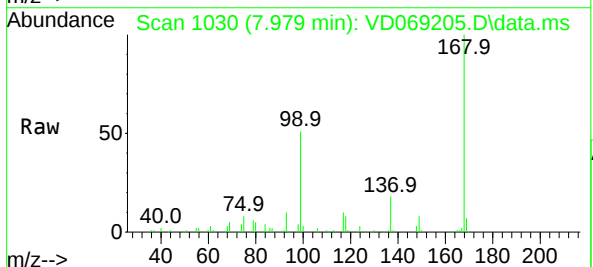
Instrument :
MSVOA_D
ClientSampled :

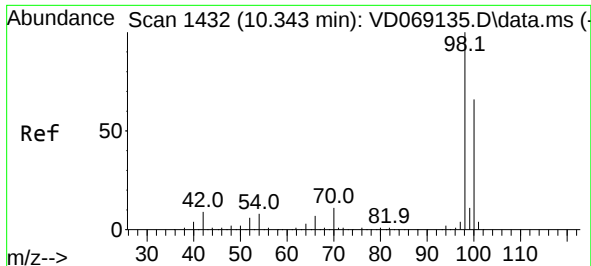
Tgt Ion: 75 Resp: 14114
Ion Ratio Lower Upper
75 100
110 4.2 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.16 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.124 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

Tgt Ion: 117 Resp: 17129
Ion Ratio Lower Upper
117 100
119 7.9 76.2 114.2#
121 0.0 21.9 32.9#

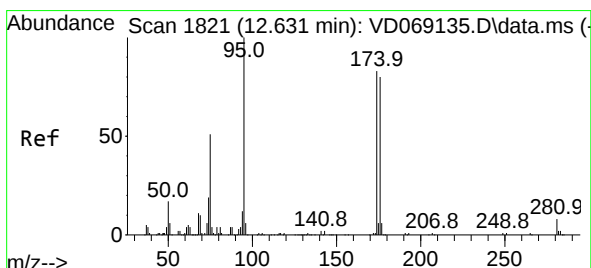
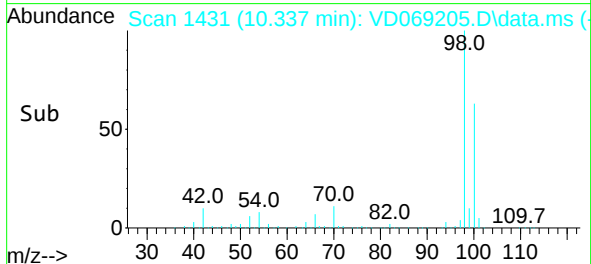
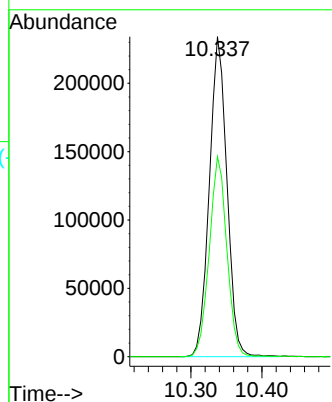
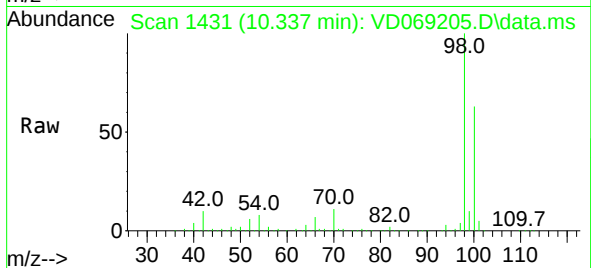




#50
Toluene-d8
Concen: 55.09 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

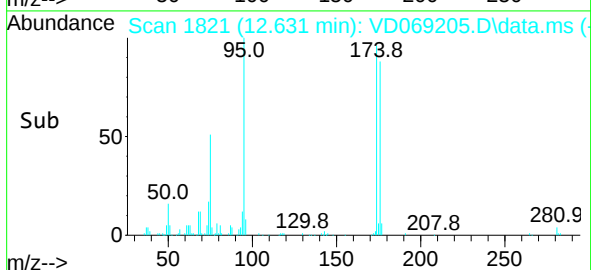
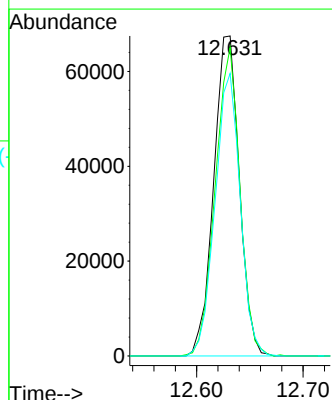
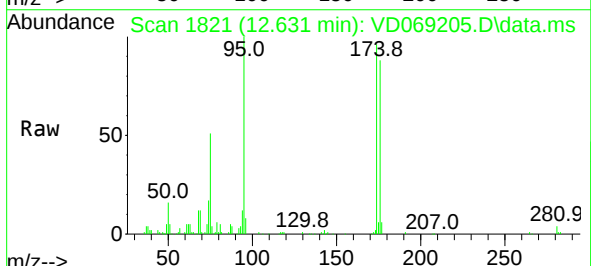
Instrument :
MSVOA_D
ClientSampled :

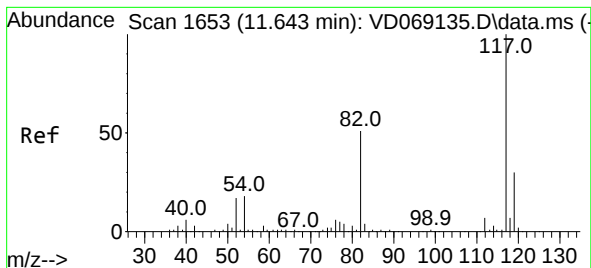
Tgt Ion: 98 Resp: 402343
Ion Ratio Lower Upper
98 100
100 62.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 47.95 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

Tgt Ion: 95 Resp: 112676
Ion Ratio Lower Upper
95 100
174 92.8 0.0 171.8
176 86.7 0.0 165.4

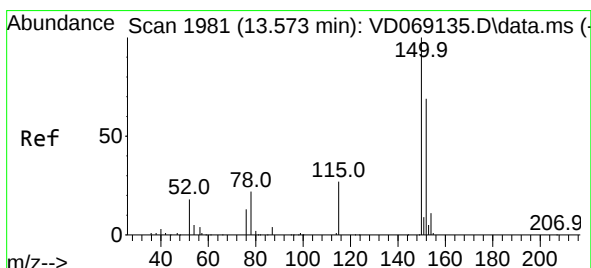
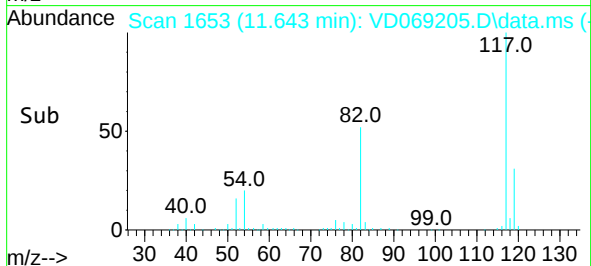
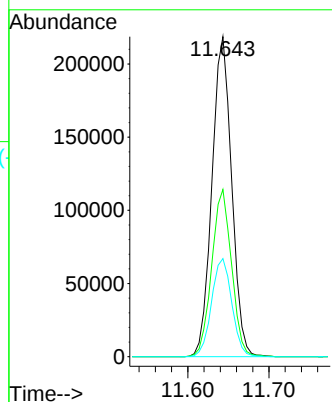
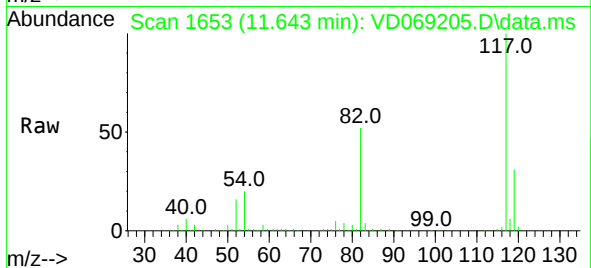




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

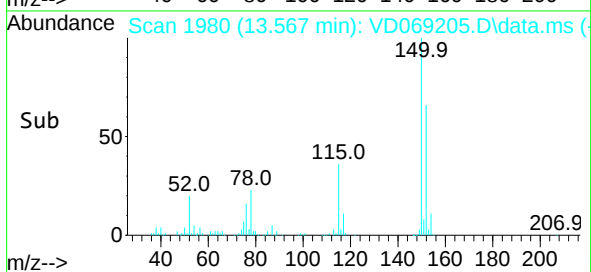
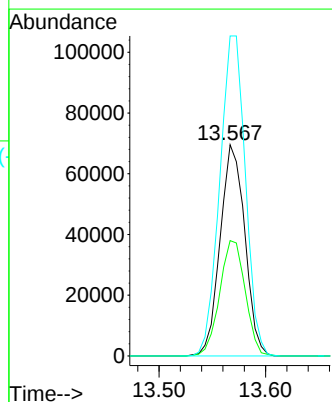
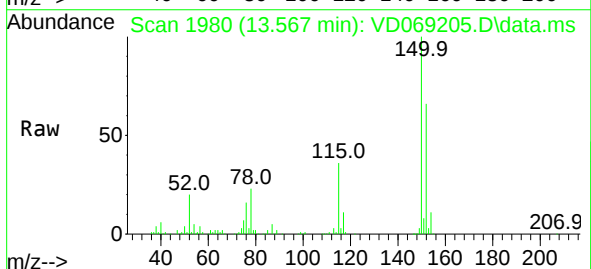
Instrument :
MSVOA_D
ClientSampled :

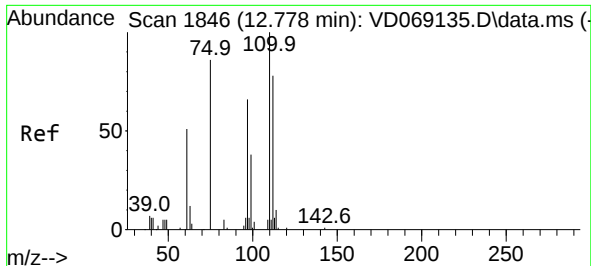
Tgt Ion:117 Resp: 368654
Ion Ratio Lower Upper
117 100
82 52.2 40.5 60.7
119 30.7 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

Tgt Ion:152 Resp: 112004
Ion Ratio Lower Upper
152 100
115 56.5 29.9 89.8
150 157.5 0.0 350.2

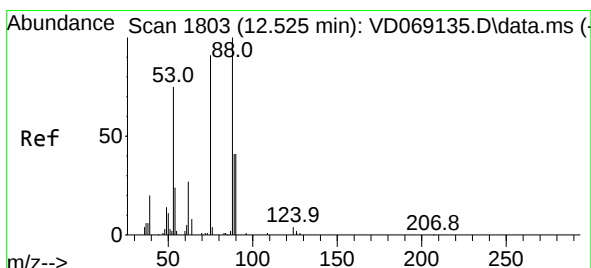
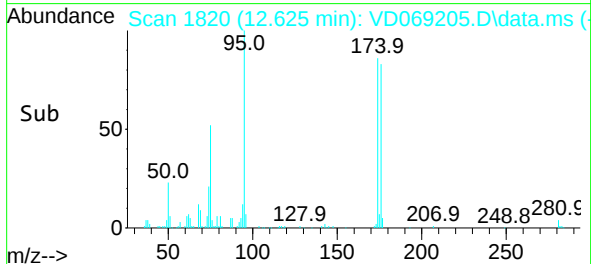
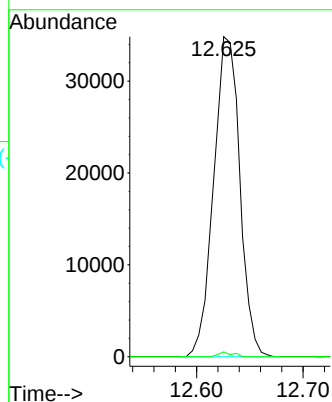
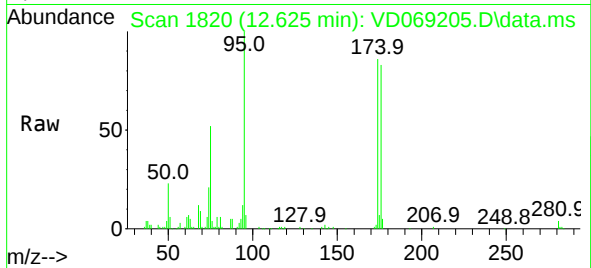




#76
1,2,3-Trichloropropane
Concen: 70.51 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 59366
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.43 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069205.D
Acq: 19 May 2021 19:19

Tgt Ion: 75 Resp: 59366
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 0.0 40.2 60.2#

