

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068268.D
 Acq On : 03 Feb 2021 17:45
 Operator : VA/SY
 Sample : M1292-12
 Misc : 8.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

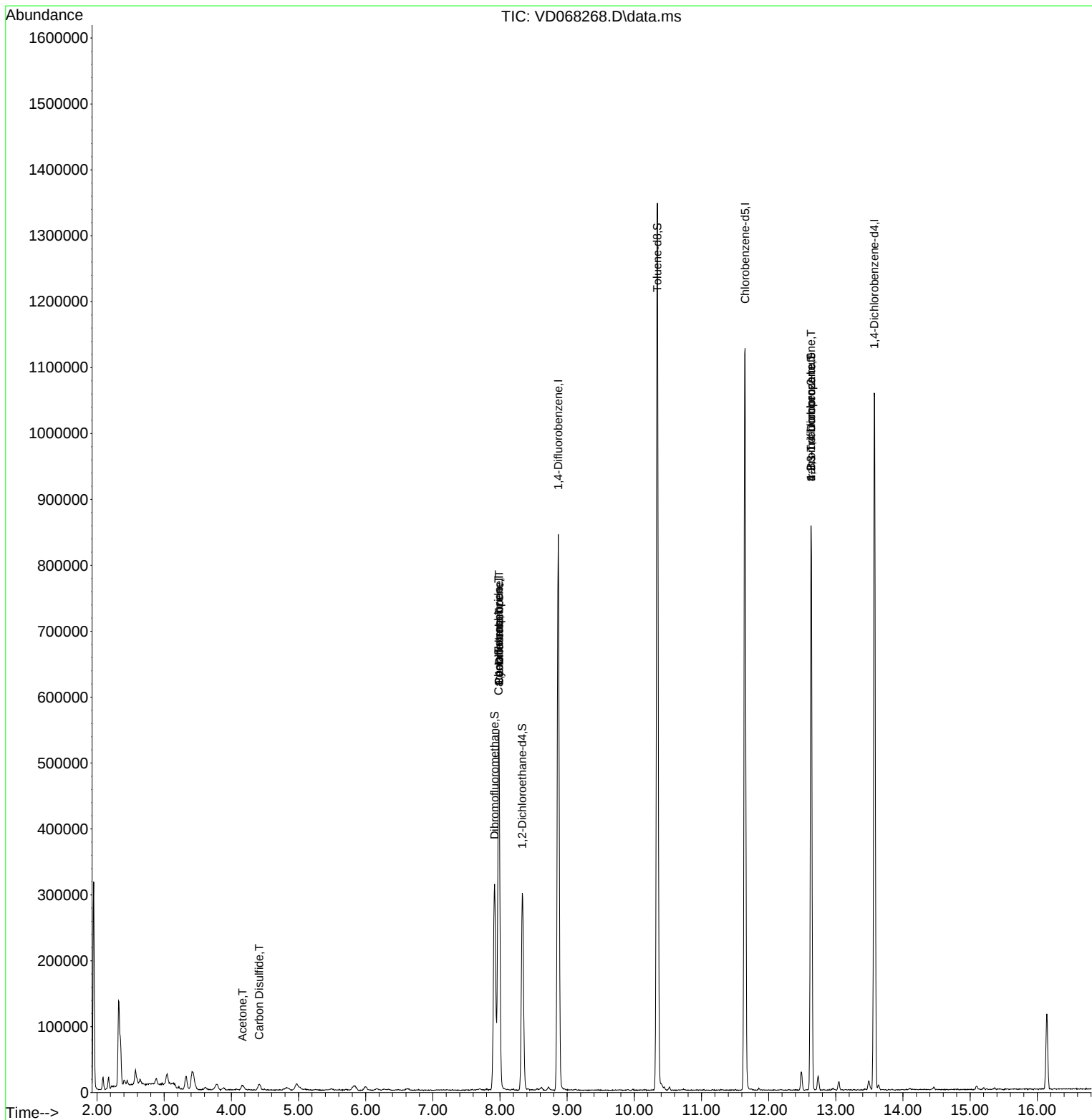
Quant Time: Feb 03 23:43:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

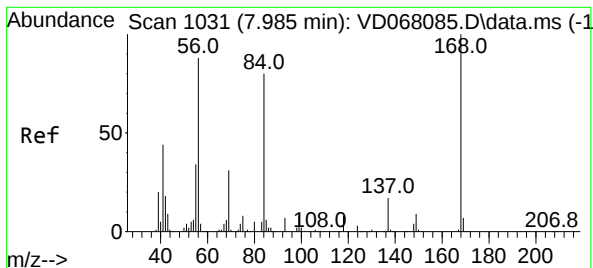
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.985	168	407971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	752433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	687595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	292513	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	241517	61.88	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.76%			
35) Dibromofluoromethane	7.920	113	228307	54.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.76%			
50) Toluene-d8	10.344	98	945166	56.80	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.60%			
62) 4-Bromofluorobenzene	12.632	95	302174	50.43	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.86%			
Target Compounds					Qvalue	
16) Acetone	4.167	43	11833	16.98	ug/l	98
17) Carbon Disulfide	4.415	76	19745	1.37	ug/l	97
20) Methylene Chloride	4.979	84	7593	Below Cal	#	91
31) Cyclohexane	7.985	56	9263	1.10	ug/l #	10
36) 1,1-Dichloropropene	7.985	75	33297	4.39	ug/l #	47
38) Carbon Tetrachloride	7.979	117	42194	5.94	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	152729	54.00	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	152729	109.27	ug/l #	13

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

Quant Time: Feb 03 23:43:58 2021
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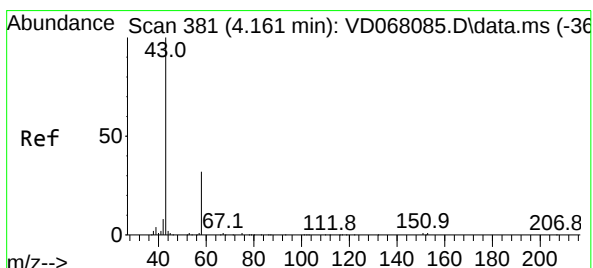
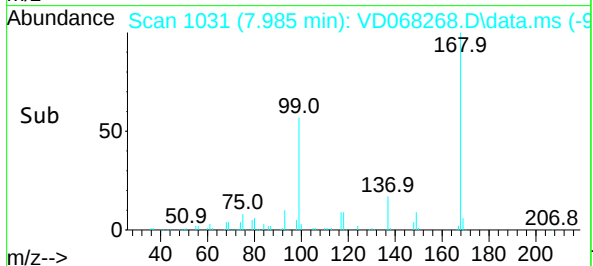
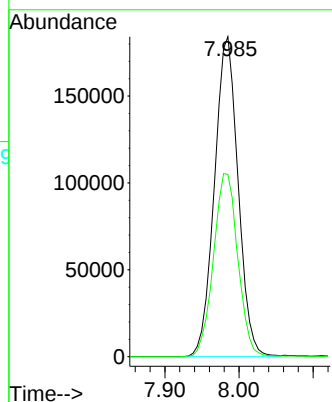
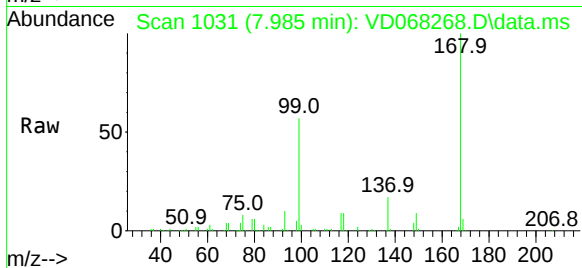




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

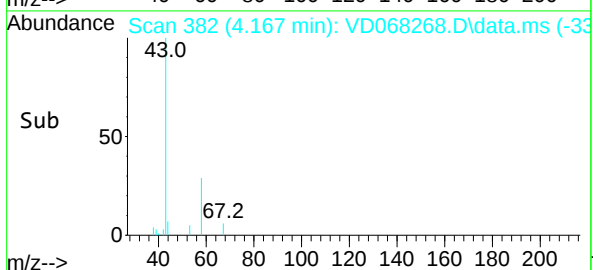
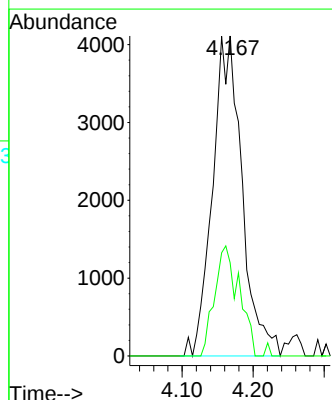
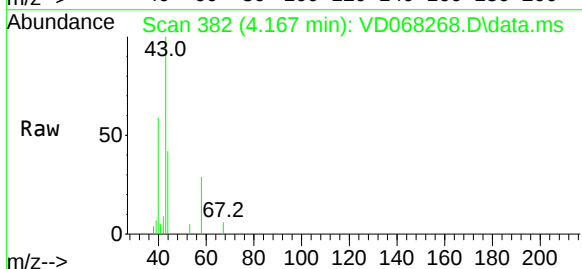
Instrument :
MSVOA_D
ClientSampleId :

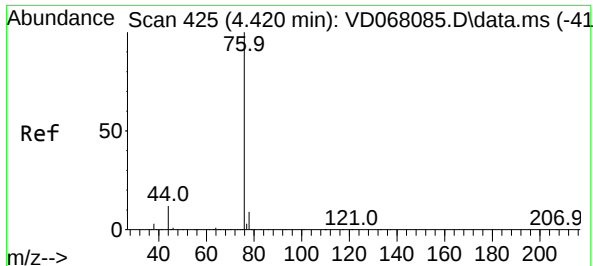
Tgt Ion:168 Resp: 407971
Ion Ratio Lower Upper
168 100
99 57.0 43.5 65.3



#16
Acetone
Concen: 16.98 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

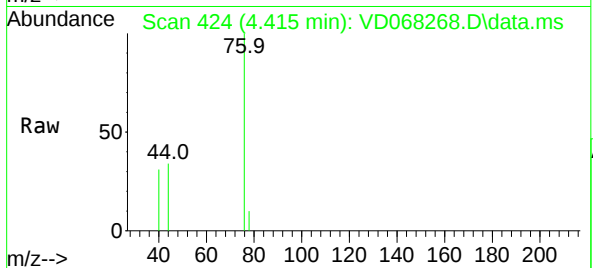
Tgt Ion: 43 Resp: 11833
Ion Ratio Lower Upper
43 100
58 29.2 24.2 36.4



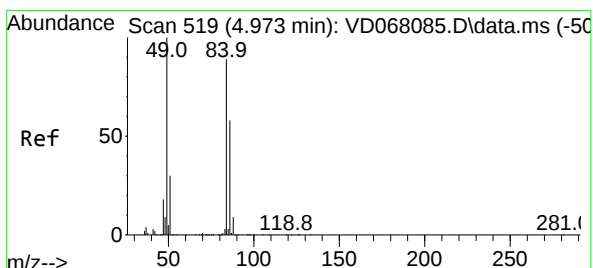
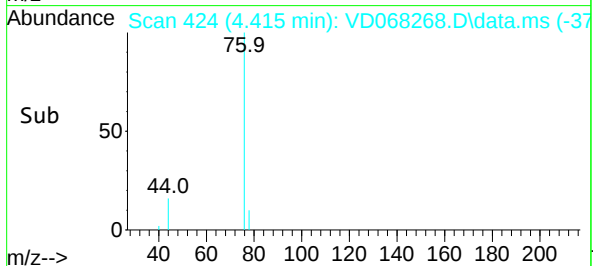
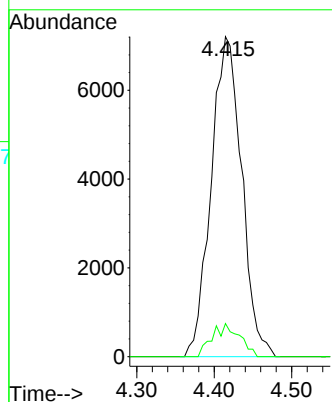


#17
Carbon Disulfide
Concen: 1.37 ug/l
RT: 4.415 min Scan# 424
Delta R.T. -0.006 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

Instrument :
MSVOA_D
ClientSampled :

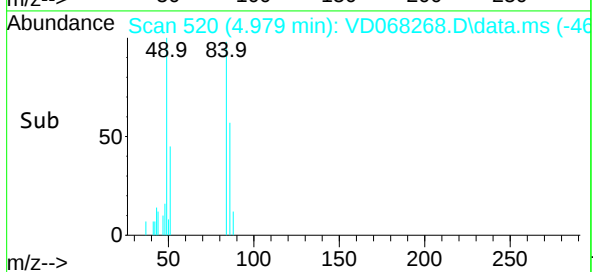
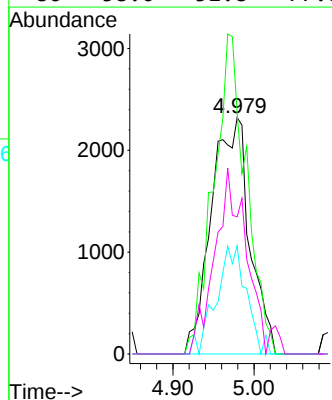
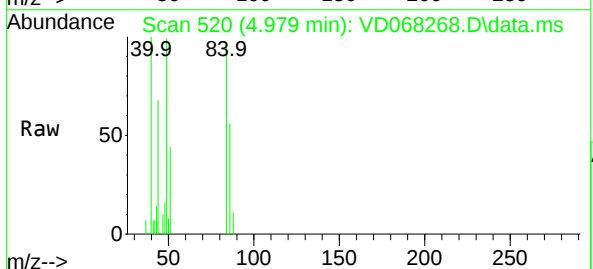


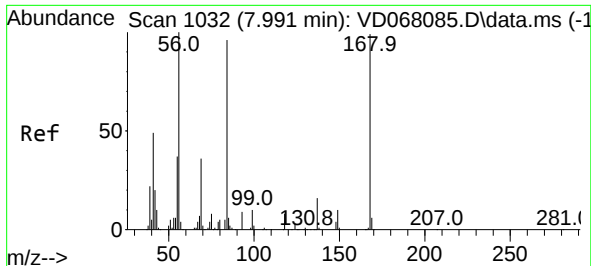
Tgt Ion: 76 Resp: 19745
Ion Ratio Lower Upper
76 100
78 10.4 7.3 10.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

Tgt Ion: 84 Resp: 7593
Ion Ratio Lower Upper
84 100
49 101.7 77.4 116.2
51 45.7 26.1 39.1#
86 58.0 51.8 77.8

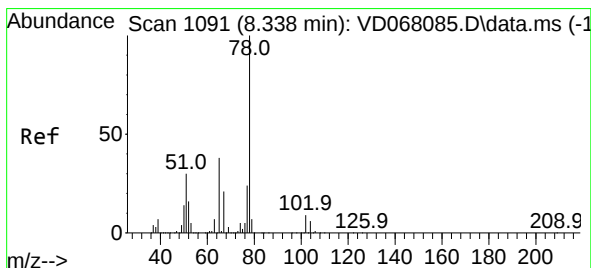
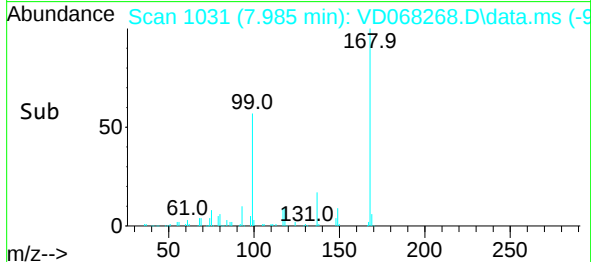
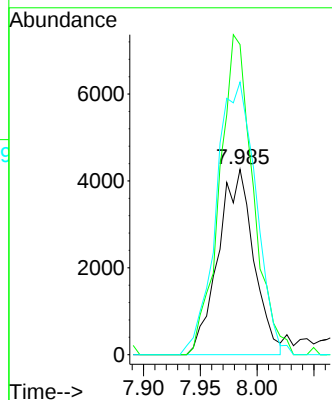
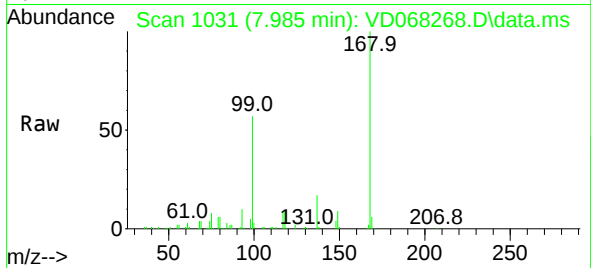




#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

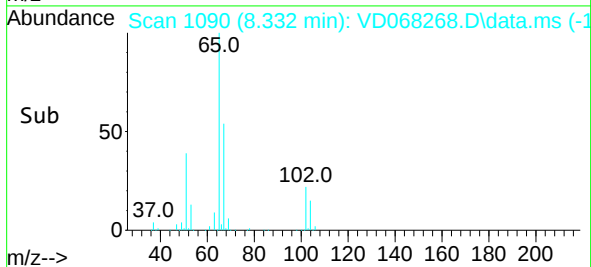
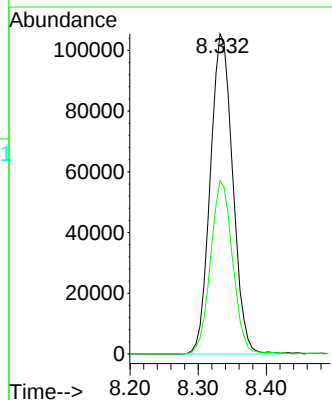
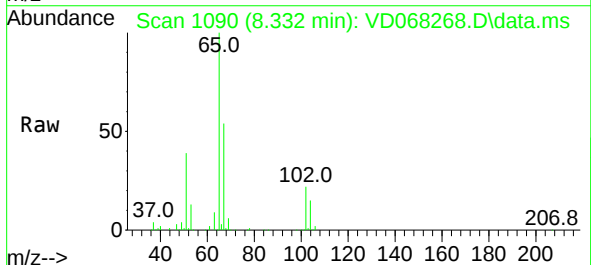
Instrument :
MSVOA_D
ClientSampled :

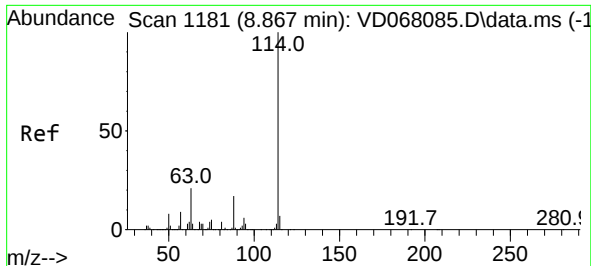
Tgt Ion: 56 Resp: 9263
Ion Ratio Lower Upper
56 100
69 167.4 30.1 45.1#
84 147.1 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 61.88 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

Tgt Ion: 65 Resp: 241517
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068268.D

Acq: 03 Feb 2021 17:45

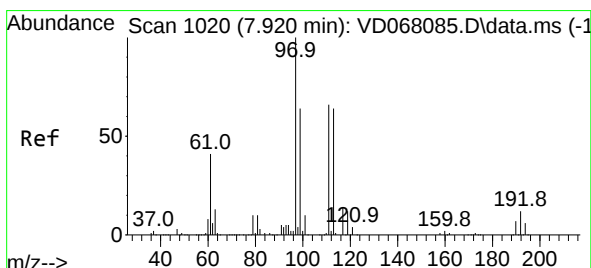
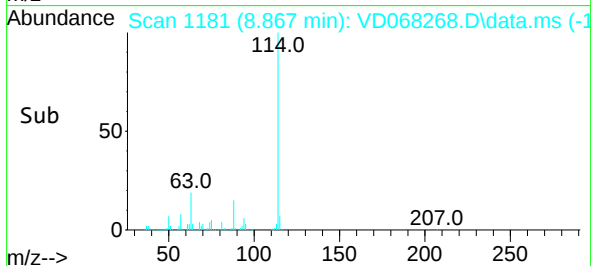
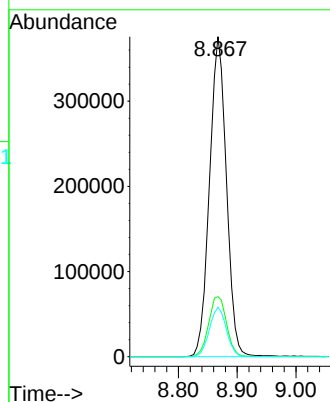
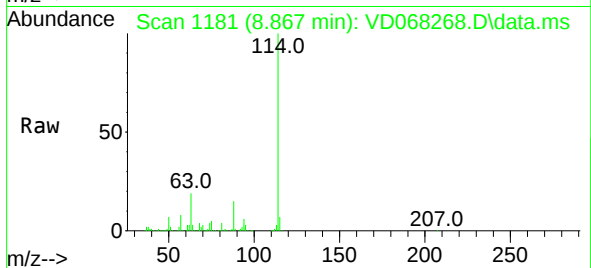
Tgt Ion:114 Resp: 752433

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.8

88 15.5 0.0 31.6



#35

Dibromofluoromethane

Concen: 54.88 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068268.D

Acq: 03 Feb 2021 17:45

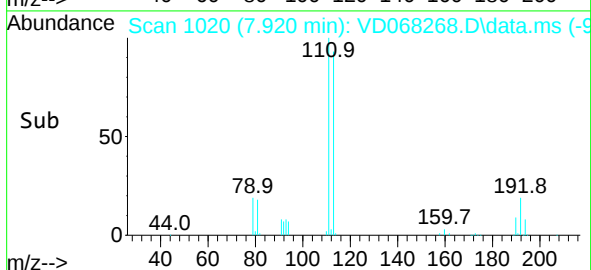
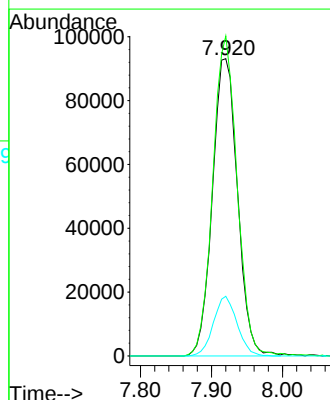
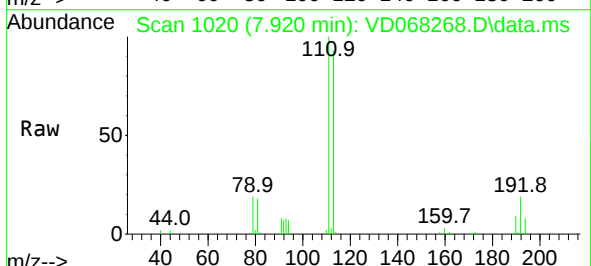
Tgt Ion:113 Resp: 228307

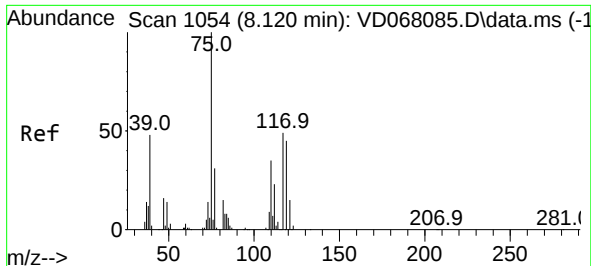
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 18.9 16.1 24.1

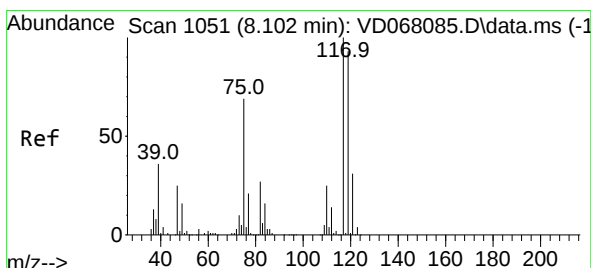
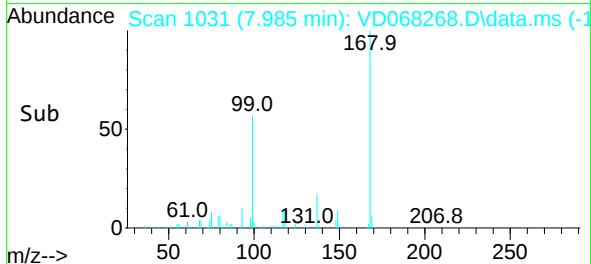
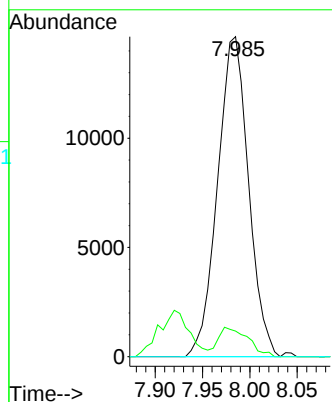
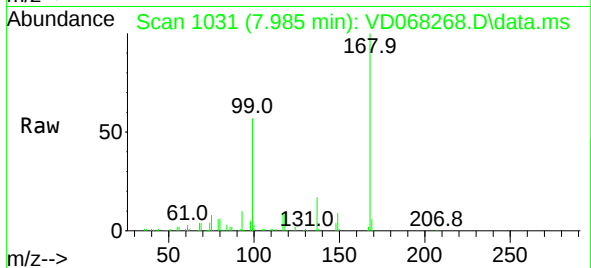




#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

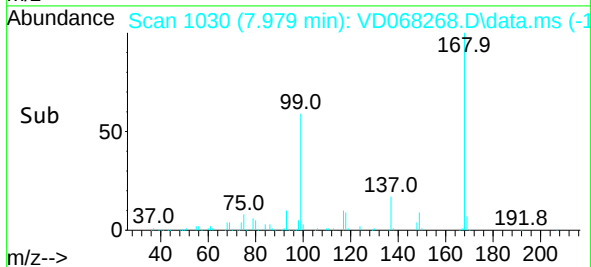
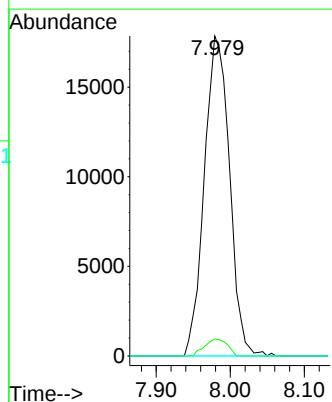
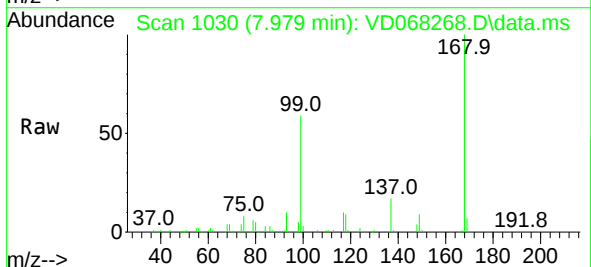
Instrument :
MSVOA_D
ClientSampled :

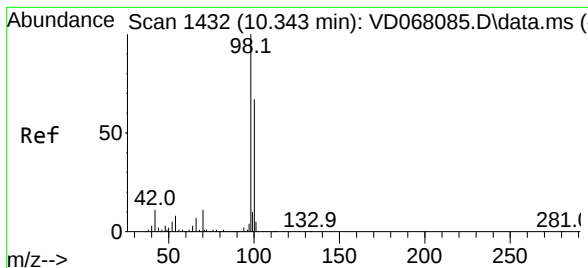
Tgt Ion: 75 Resp: 33297
Ion Ratio Lower Upper
75 100
110 8.9 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

Tgt Ion: 117 Resp: 42194
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.7 37.1#

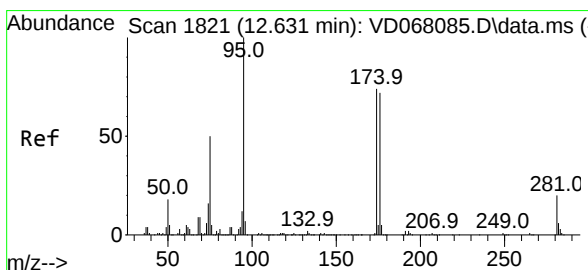
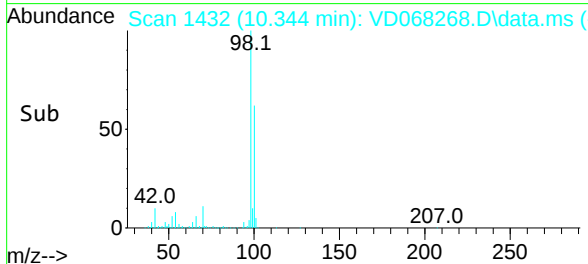
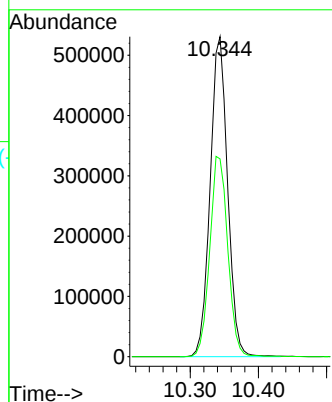
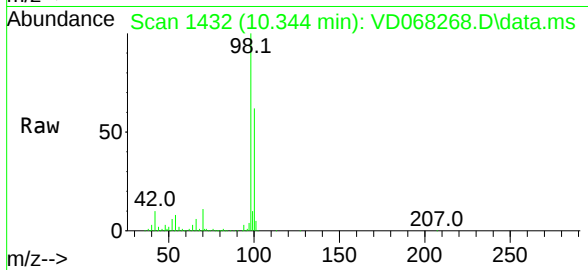




#50
Toluene-d8
Concen: 56.80 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

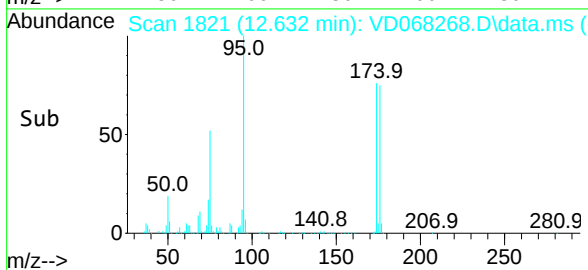
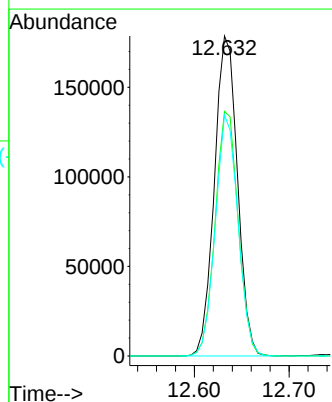
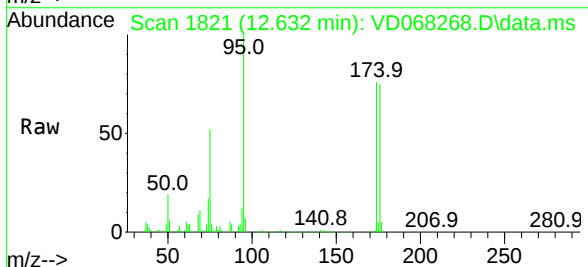
Instrument :
MSVOA_D
ClientSampled :

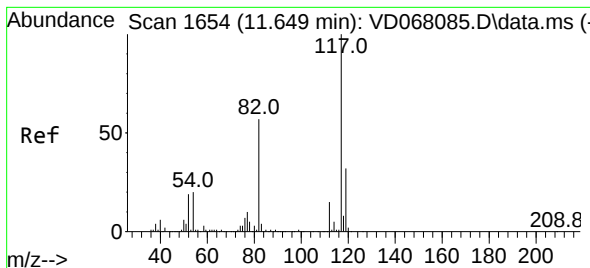
Tgt Ion: 98 Resp: 945166
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

Tgt Ion: 95 Resp: 302174
Ion Ratio Lower Upper
95 100
174 76.5 0.0 172.4
176 74.1 0.0 168.4

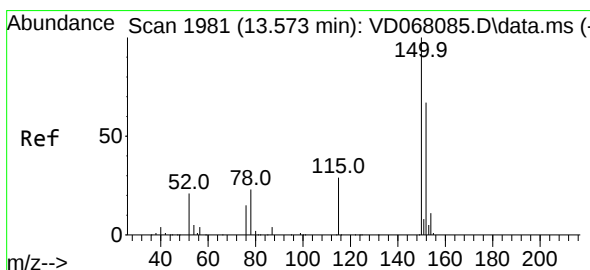
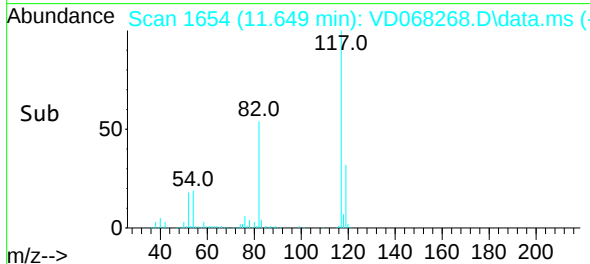
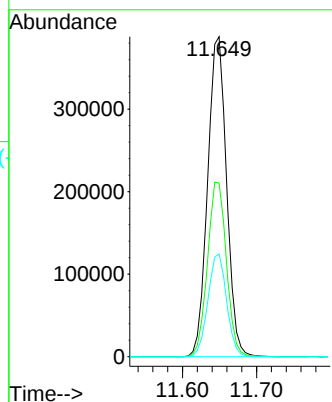
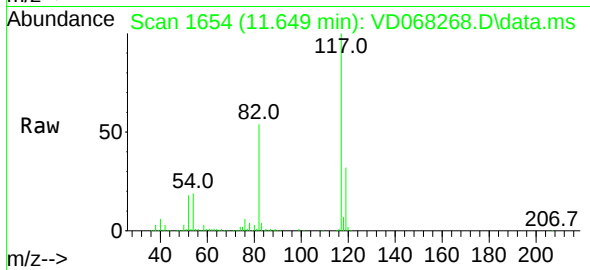




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

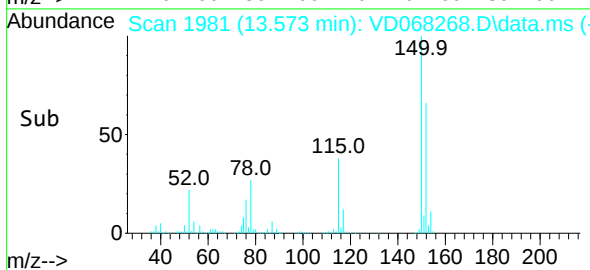
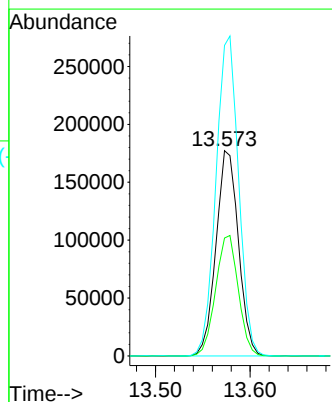
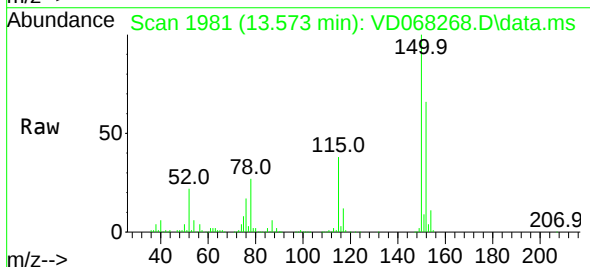
Instrument :
MSVOA_D
ClientSampleId :

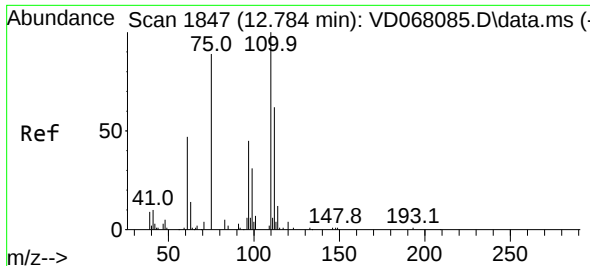
Tgt Ion:117 Resp: 687595
Ion Ratio Lower Upper
117 100
82 54.3 41.4 62.0
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

Tgt Ion:152 Resp: 292513
Ion Ratio Lower Upper
152 100
115 59.3 28.9 86.8
150 156.8 0.0 344.4

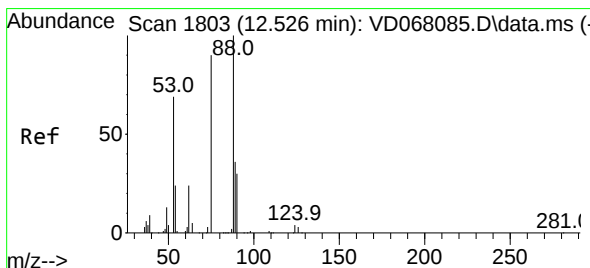
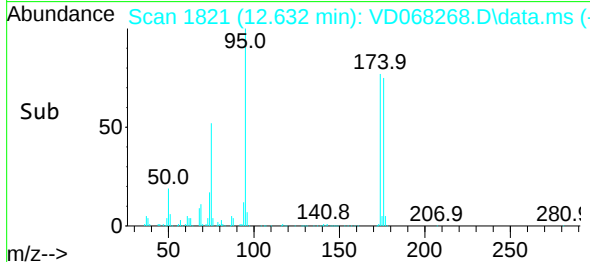
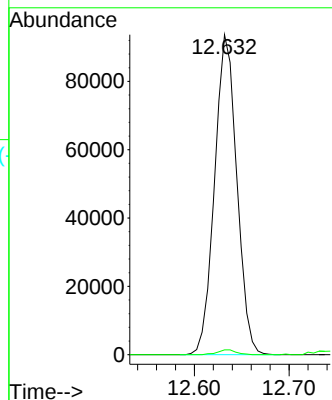
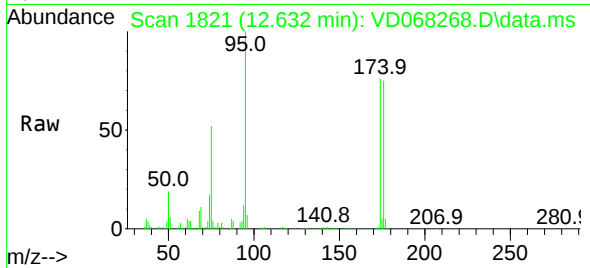




#76
1,2,3-Trichloropropane
Concen: 54.00 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 152729
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068268.D
Acq: 03 Feb 2021 17:45

Tgt Ion: 75 Resp: 152729
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

