

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068269.D
 Acq On : 03 Feb 2021 18:12
 Operator : VA/SY
 Sample : M1292-13
 Misc : 8.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 03 23:44:13 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)

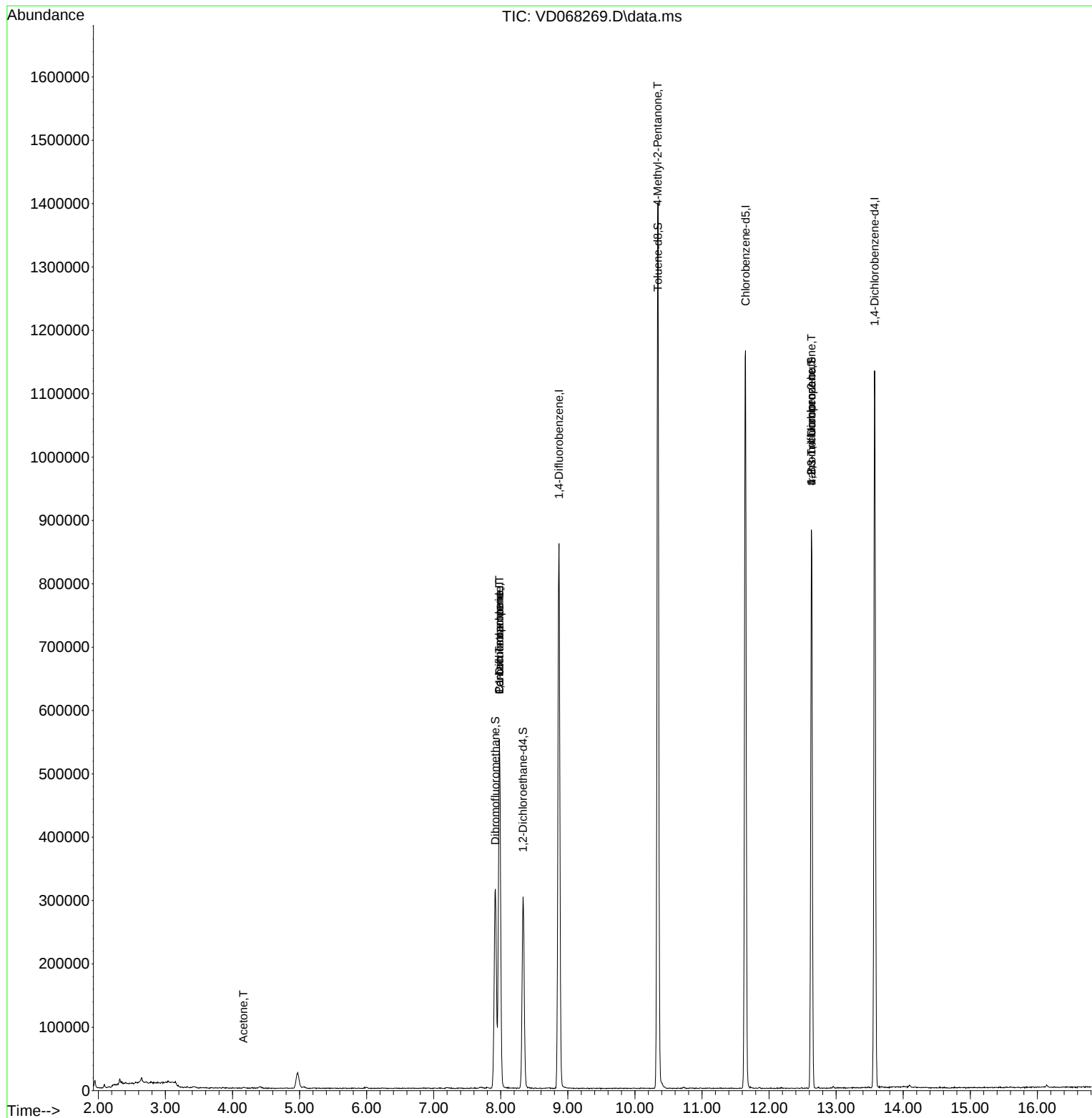
Internal Standards						
1) Pentafluorobenzene	7.979	168	417817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	772669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	703166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	309714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	238596	59.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.40%
35) Dibromofluoromethane	7.920	113	232048	54.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.64%
50) Toluene-d8	10.344	98	960700	56.22	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.44%
62) 4-Bromofluorobenzene	12.632	95	309456	50.29	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.58%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.203	59	326	Below Cal	#	74
16) Acetone	4.161	43	2713	3.80	ug/l	91
36) 1,1-Dichloropropene	7.979	75	34230	4.39	ug/l #	47
38) Carbon Tetrachloride	7.979	117	42687	5.85	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	3704	1.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	155161	51.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	155161	104.85	ug/l #	13

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

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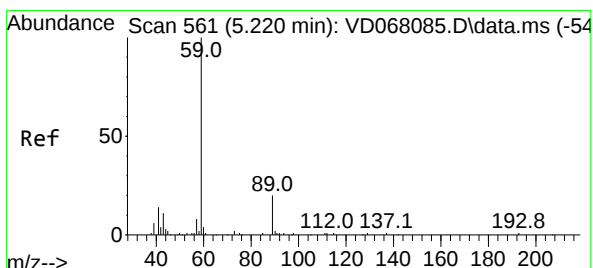
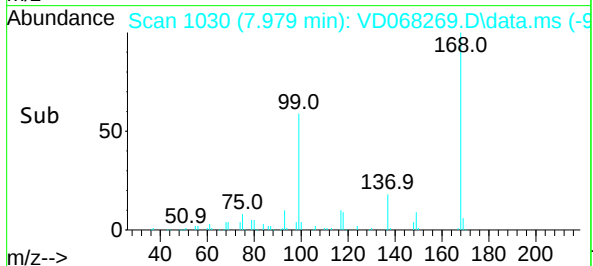
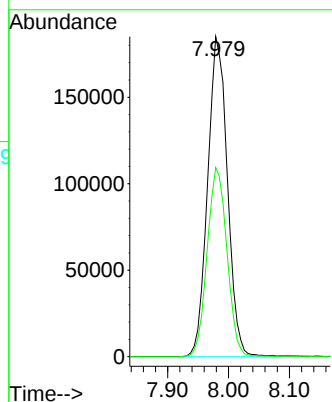
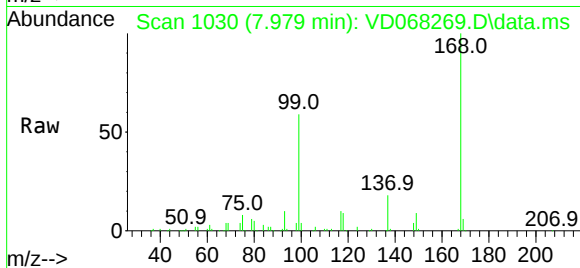




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

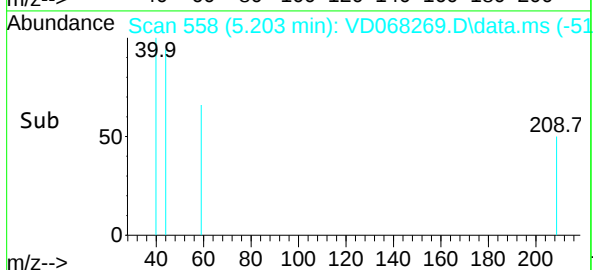
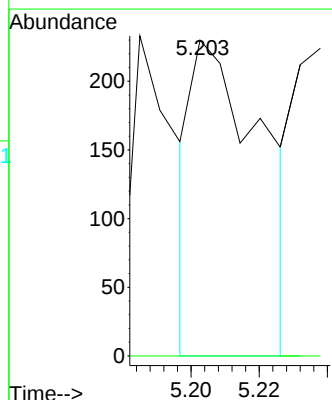
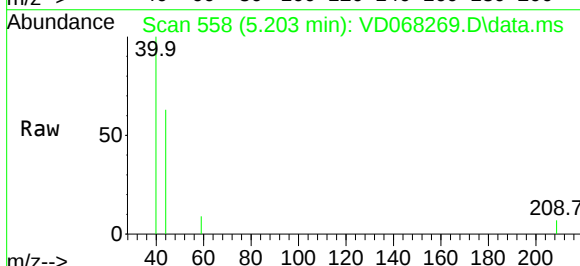
Instrument :
MSVOA_D
ClientSampleId :

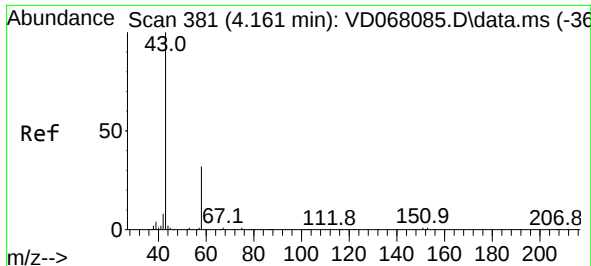
Tgt Ion:168 Resp: 417817
Ion Ratio Lower Upper
168 100
99 59.1 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

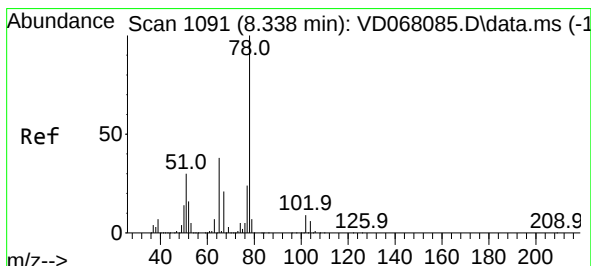
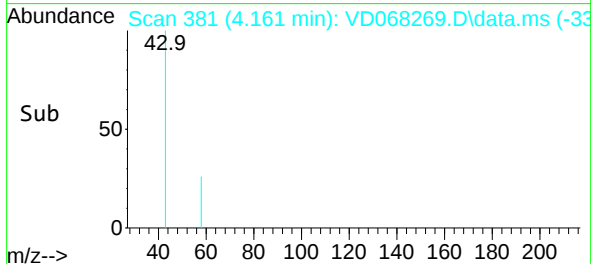
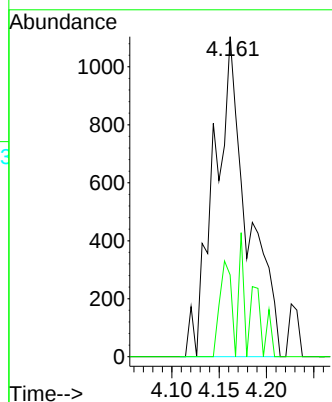
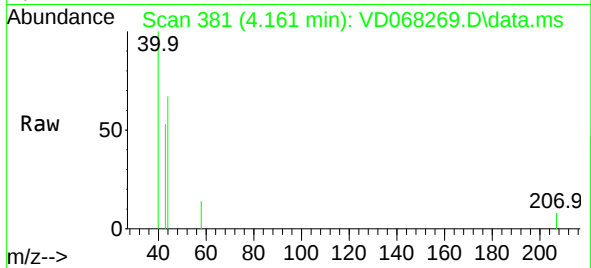




#16
Acetone
Concen: 3.80 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

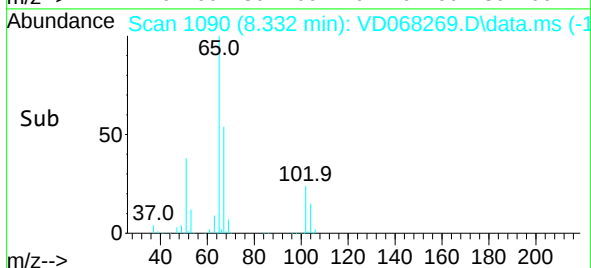
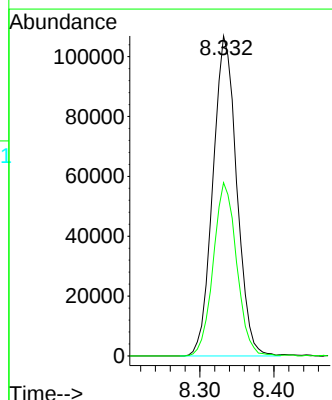
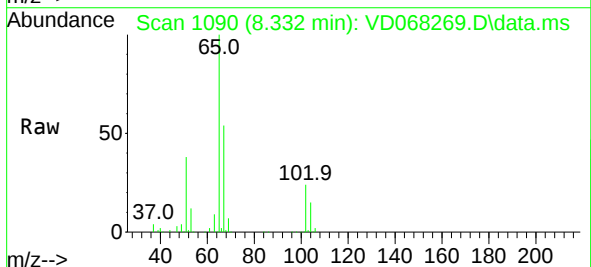
Instrument :
MSVOA_D
ClientSampled :

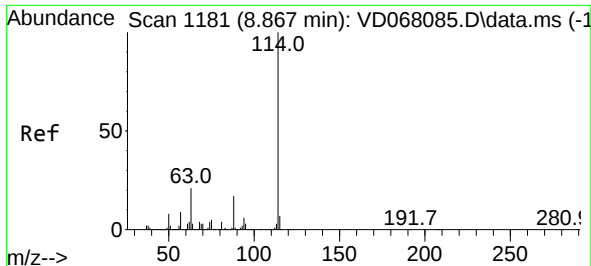
Tgt Ion: 43 Resp: 2713
Ion Ratio Lower Upper
43 100
58 25.5 24.2 36.4



#33
1,2-Dichloroethane-d4
Concen: 59.70 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

Tgt Ion: 65 Resp: 238596
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0

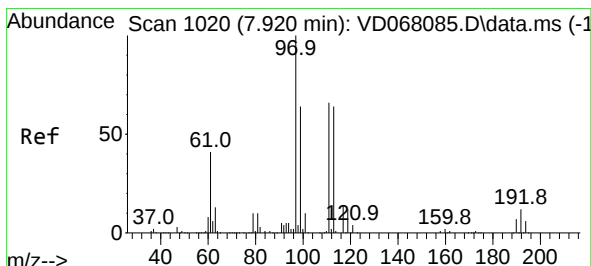
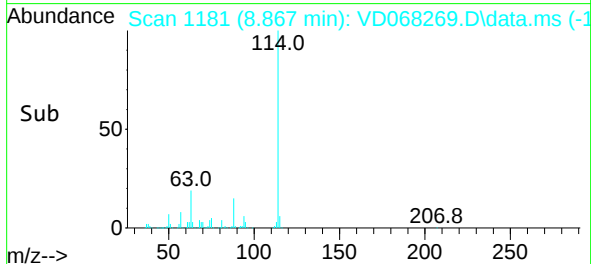
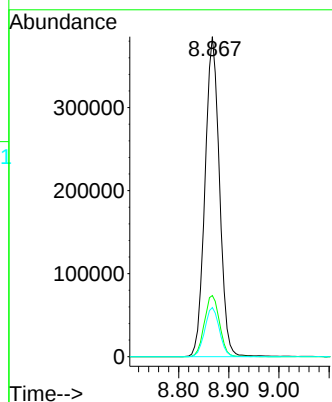
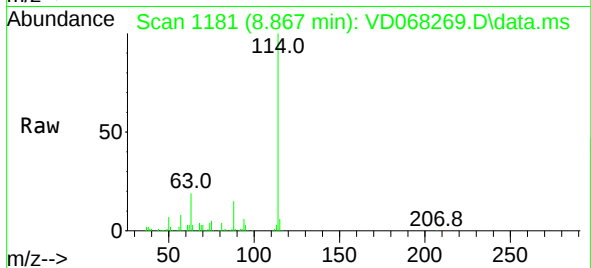




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

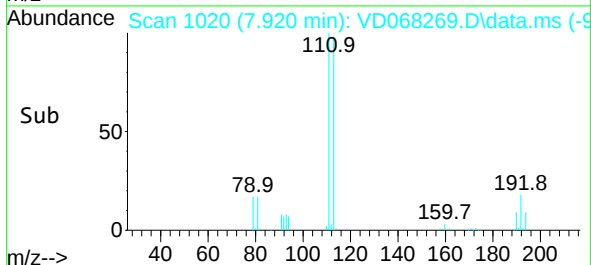
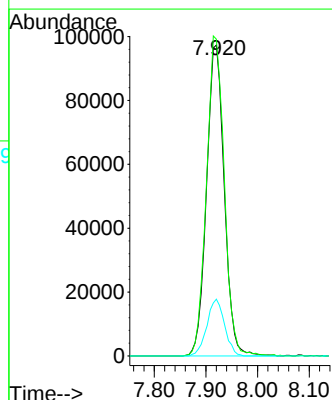
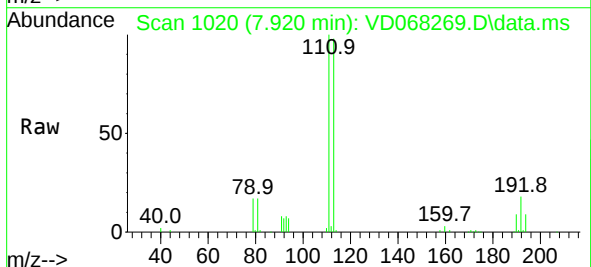
Instrument :
MSVOA_D
ClientSampled :

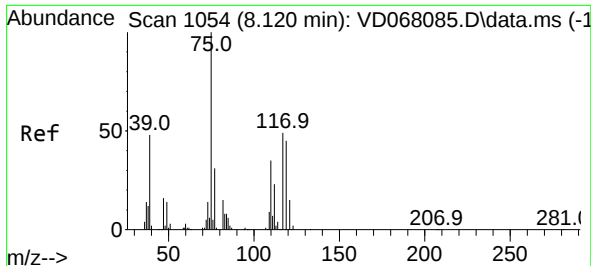
Tgt Ion:114 Resp: 772669
Ion Ratio Lower Upper
114 100
63 19.1 0.0 34.8
88 15.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.32 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

Tgt Ion:113 Resp: 232048
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 18.2 16.1 24.1

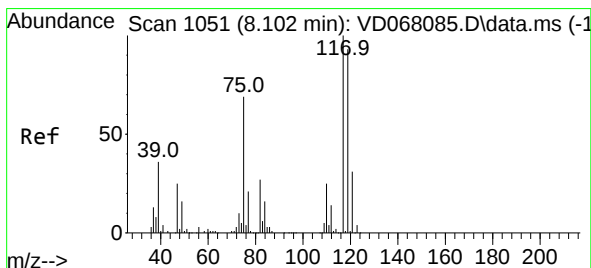
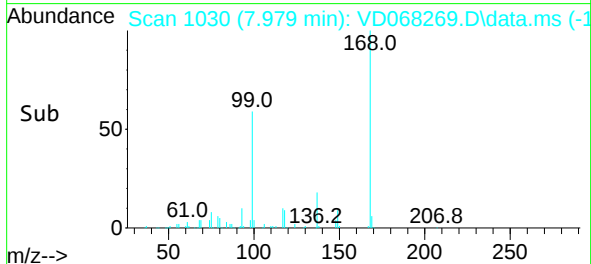
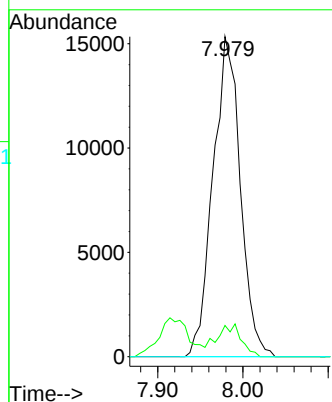
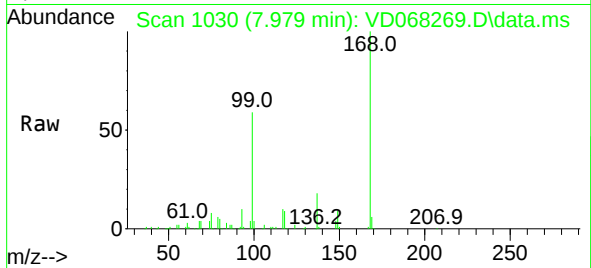




#36
1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

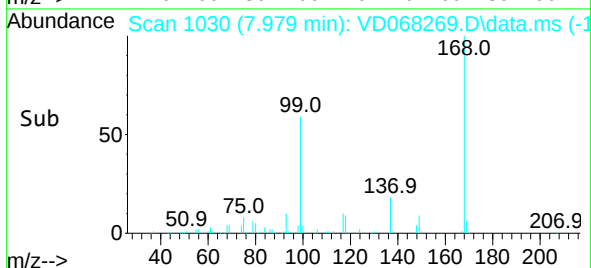
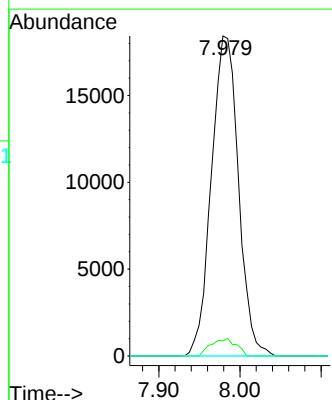
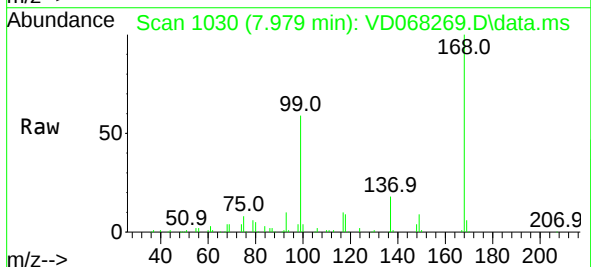
Instrument :
MSVOA_D
ClientSampled :

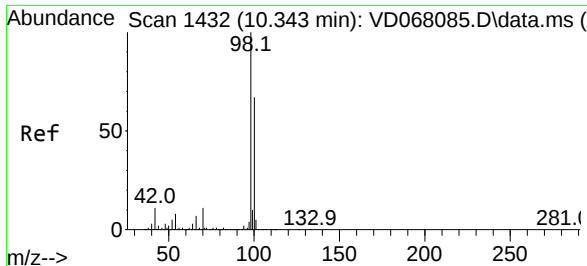
Tgt Ion: 75 Resp: 34230
Ion Ratio Lower Upper
75 100
110 9.0 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.85 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

Tgt Ion: 117 Resp: 42687
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.7 37.1#

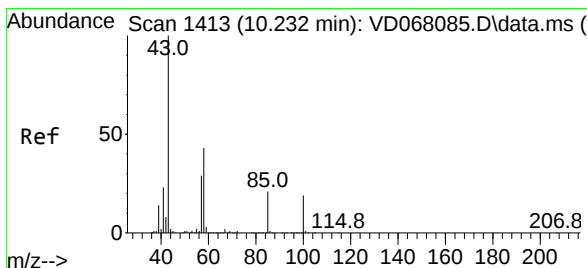
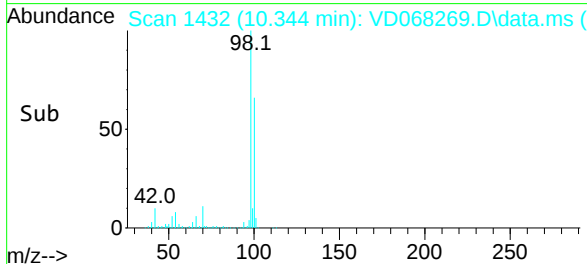
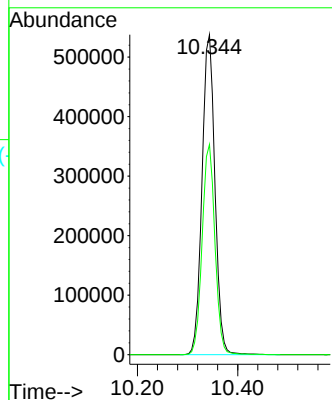
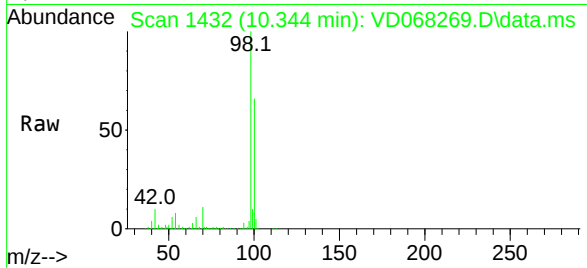




#50
Toluene-d8
Concen: 56.22 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

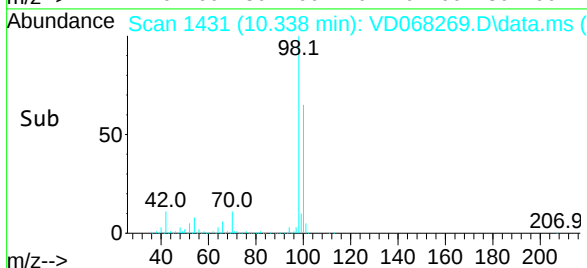
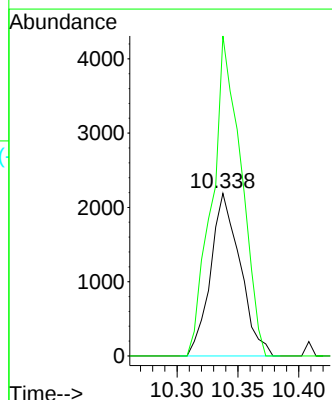
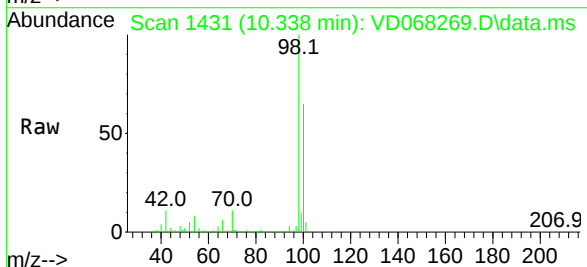
Instrument :
MSVOA_D
ClientSampled :

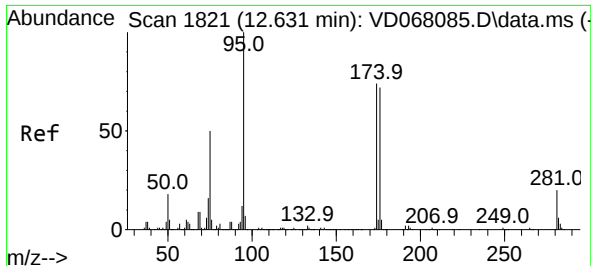
Tgt Ion: 98 Resp: 960700
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.39 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

Tgt Ion: 43 Resp: 3704
Ion Ratio Lower Upper
43 100
58 194.2 36.1 54.1#

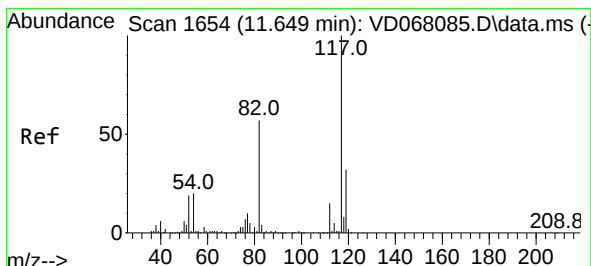
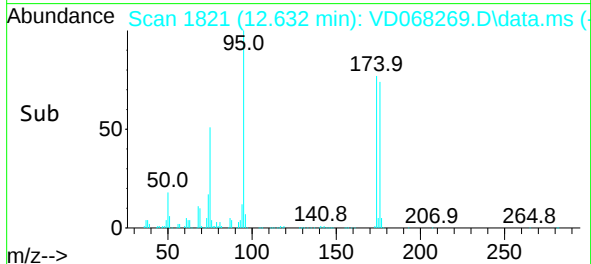
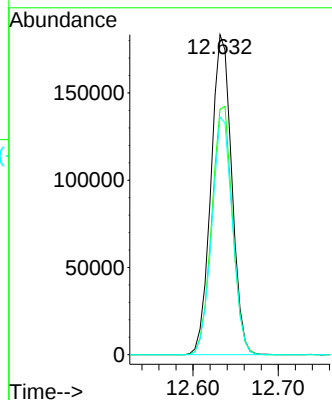
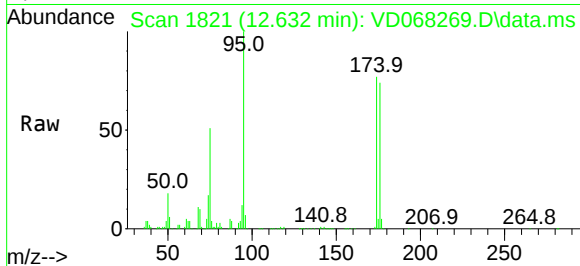




#62
4-Bromofluorobenzene
Concen: 50.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

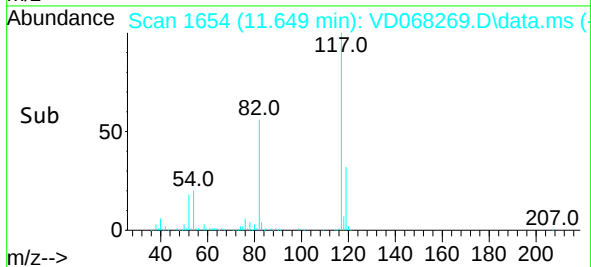
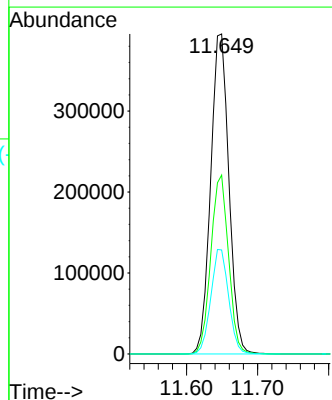
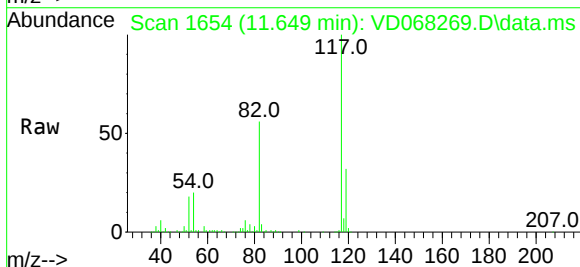
Instrument :
MSVOA_D
ClientSampleId :

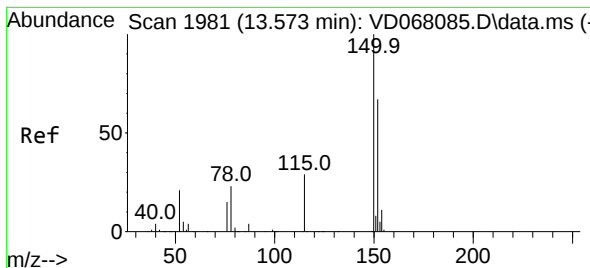
Tgt Ion: 95 Resp: 309456
Ion Ratio Lower Upper
95 100
174 77.7 0.0 172.4
176 73.9 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

Tgt Ion: 117 Resp: 703166
Ion Ratio Lower Upper
117 100
82 55.9 41.4 62.0
119 32.5 26.1 39.1

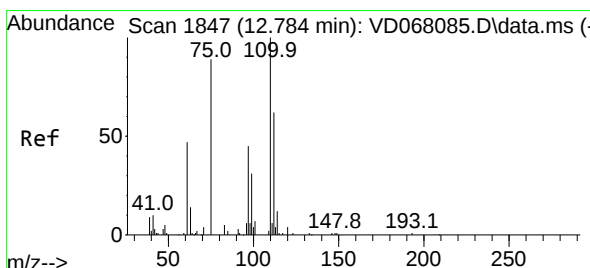
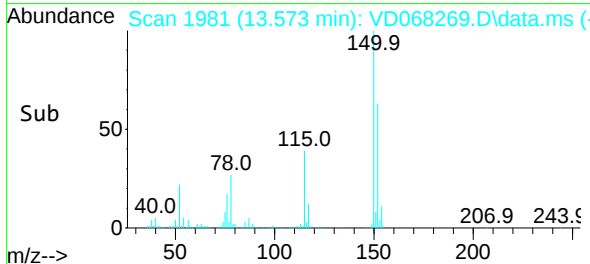
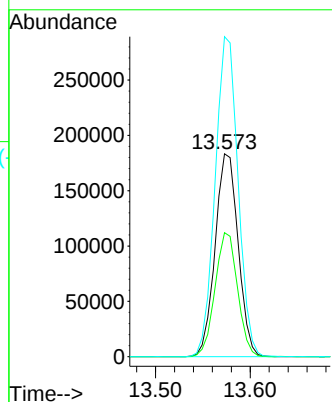
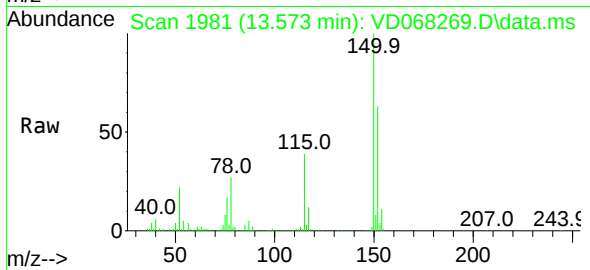




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

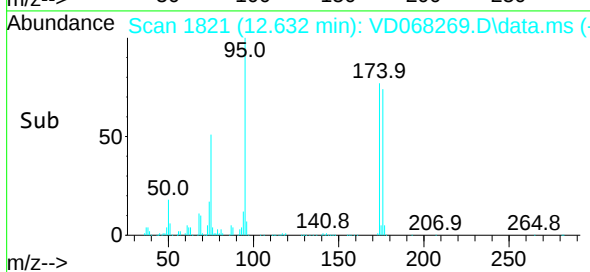
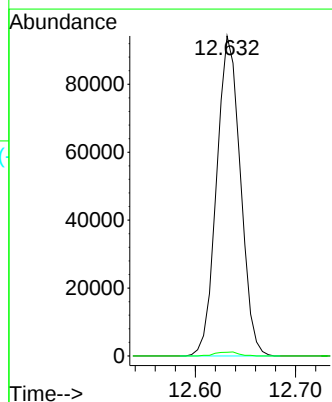
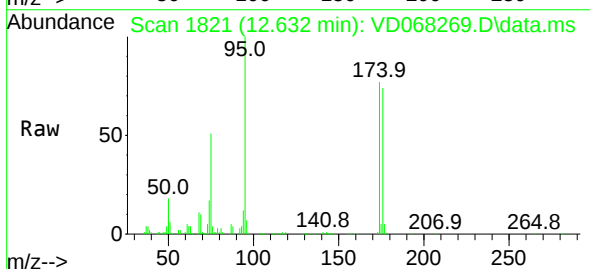
Instrument :
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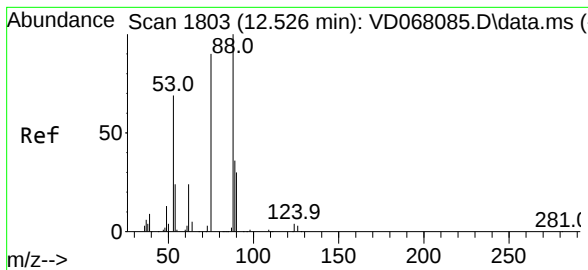
Tgt Ion:152 Resp: 309714
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.8
150 157.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 51.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068269.D
Acq: 03 Feb 2021 18:12

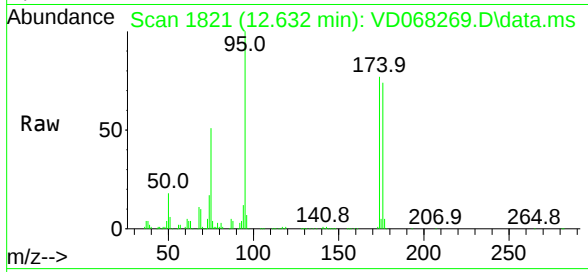
Tgt Ion: 75 Resp: 155161
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.85 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068269.D
 Acq: 03 Feb 2021 18:12

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 155161
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

