

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068267.D
 Acq On : 03 Feb 2021 17:17
 Operator : VA/SY
 Sample : M1292-11
 Misc : 5.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 03 23:43:41 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)

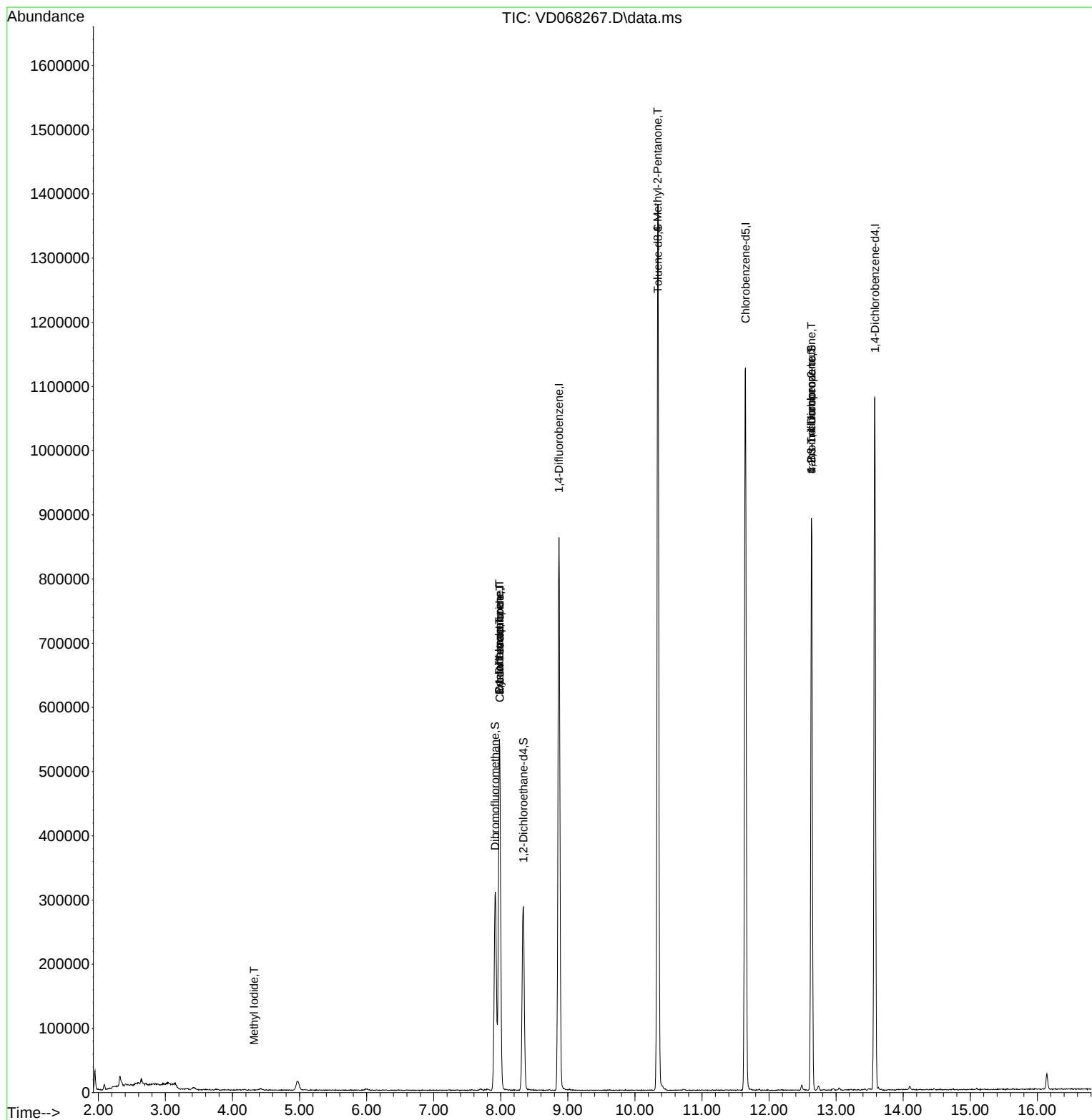
Internal Standards						
1) Pentafluorobenzene	7.979	168	415686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	767579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	685914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	301346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	234753	59.03	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.06%			
35) Dibromofluoromethane	7.914	113	230444	54.30	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.60%			
50) Toluene-d8	10.344	98	952050	56.09	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.18%			
62) 4-Bromofluorobenzene	12.632	95	309062	50.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.12%			
Target Compounds						Qvalue
10) Methyl Iodide	4.320	142	62	3.17	ug/l #	38
20) Methylene Chloride	4.962	84	7317	Below Cal	#	88
31) Cyclohexane	7.979	56	9170	1.06	ug/l #	13
36) 1,1-Dichloropropene	7.979	75	33884	4.38	ug/l #	46
38) Carbon Tetrachloride	7.985	117	40724	5.62	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	3980	1.50	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	154106	52.89	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	154106	107.03	ug/l #	13

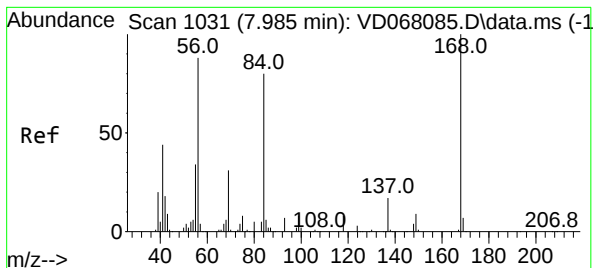
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 03 23:43:41 2021
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Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

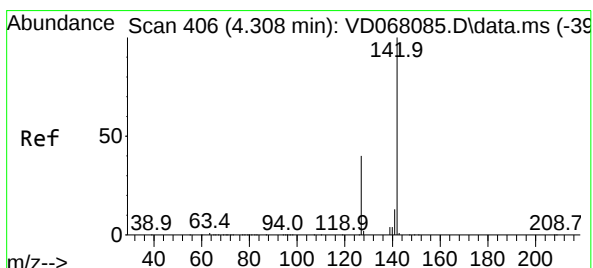
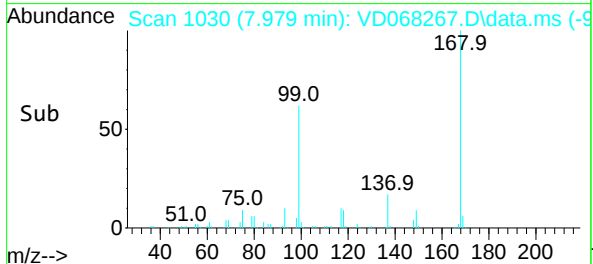
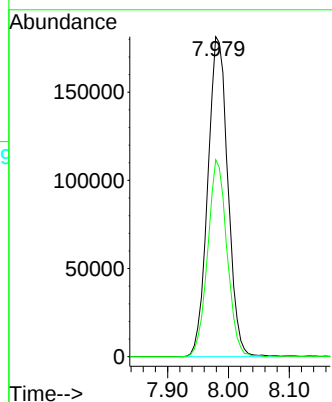
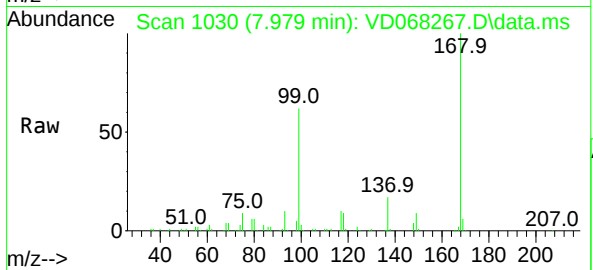




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

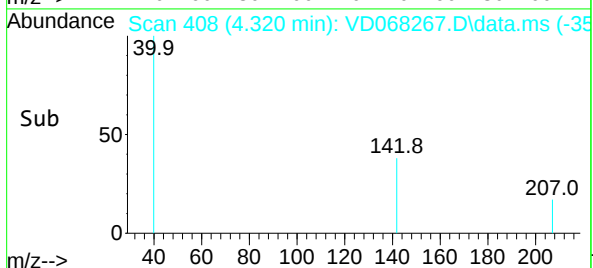
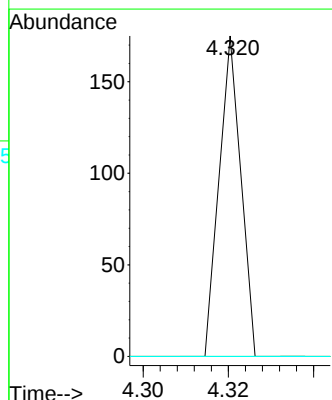
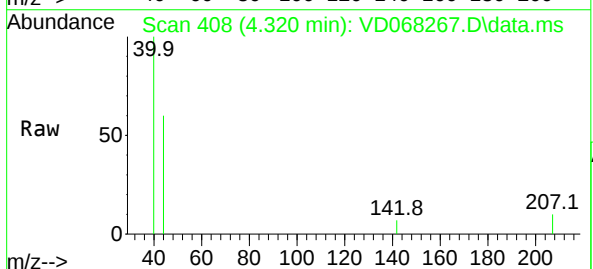
Instrument :
MSVOA_D
ClientSampled :

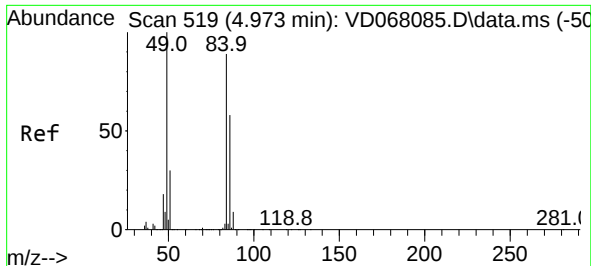
Tgt Ion:168 Resp: 415686
Ion Ratio Lower Upper
168 100
99 61.5 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.012 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

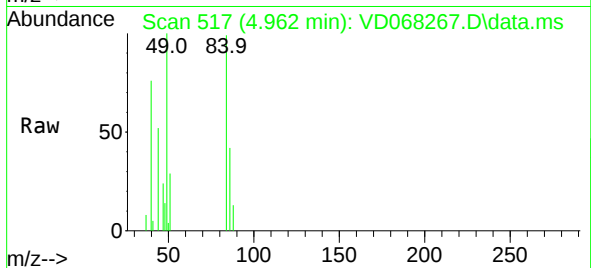
Tgt Ion:142 Resp: 62
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#





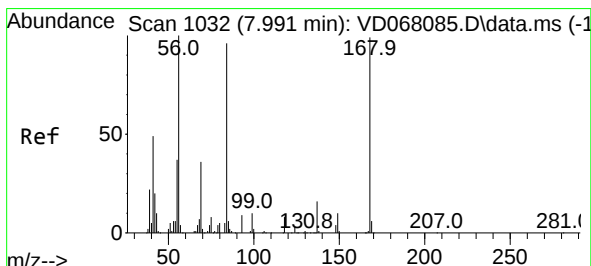
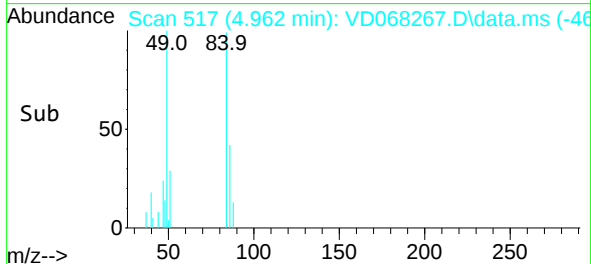
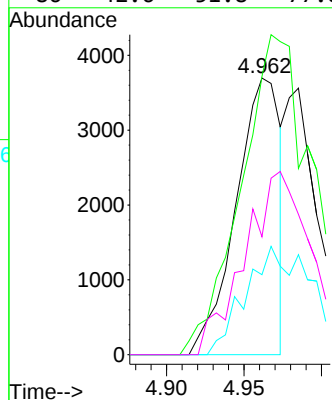
#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

Instrument :
MSVOA_D
ClientSampled :

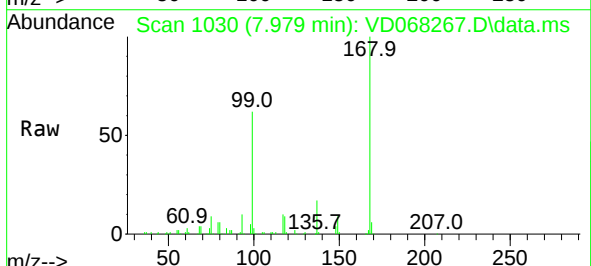


Tgt Ion: 84 Resp: 7317

Ion	Ratio	Lower	Upper
84	100		
49	100.6	77.4	116.2
51	29.0	26.1	39.1
86	42.6	51.8	77.8#

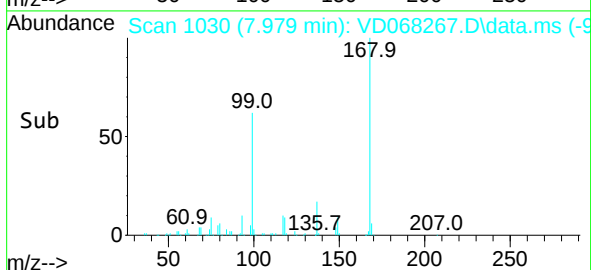
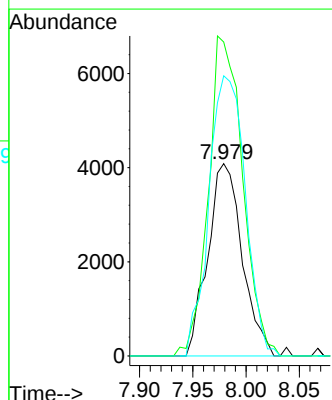


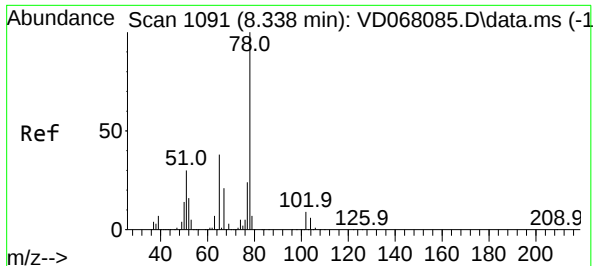
#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17



Tgt Ion: 56 Resp: 9170

Ion	Ratio	Lower	Upper
56	100		
69	163.3	30.1	45.1#
84	145.7	82.1	123.1#

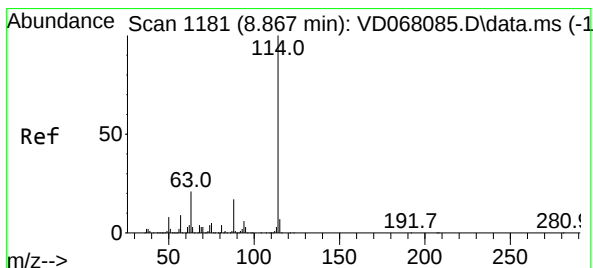
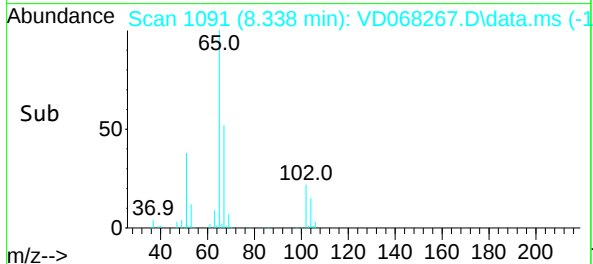
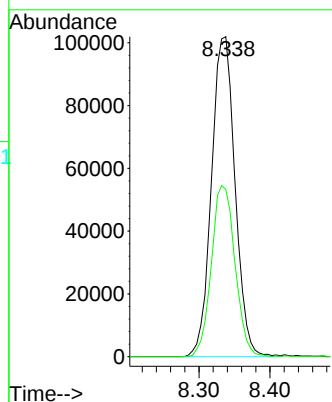
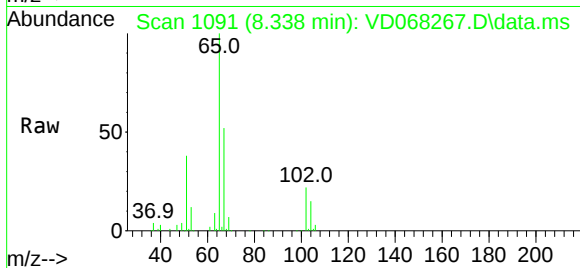




#33
 1,2-Dichloroethane-d4
 Concen: 59.03 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD068267.D
 Acq: 03 Feb 2021 17:17

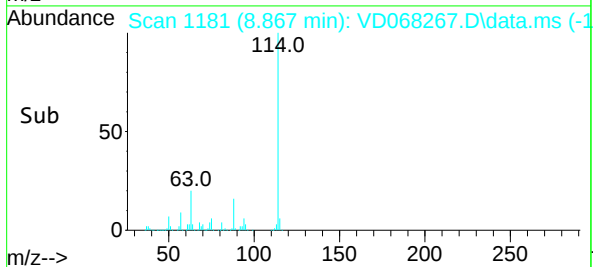
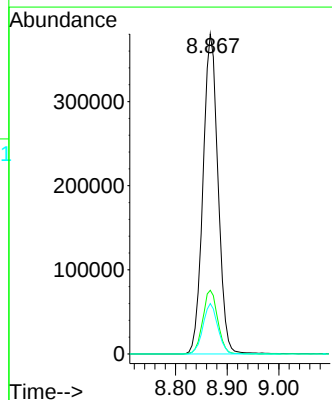
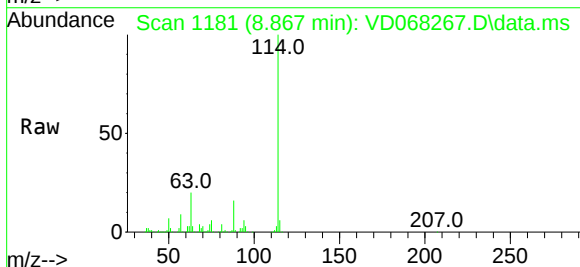
Instrument :
 MSVOA_D
 ClientSampled :

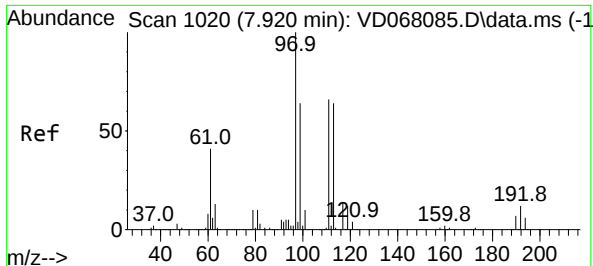
Tgt Ion: 65 Resp: 234753
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068267.D
 Acq: 03 Feb 2021 17:17

Tgt Ion: 114 Resp: 767579
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 34.8
 88 15.7 0.0 31.6

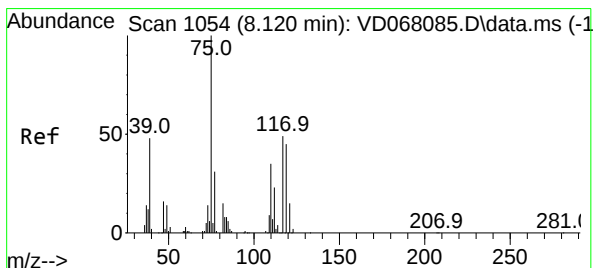
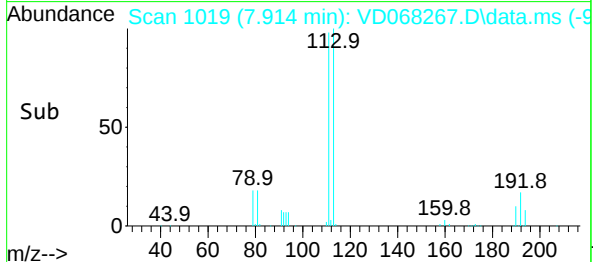
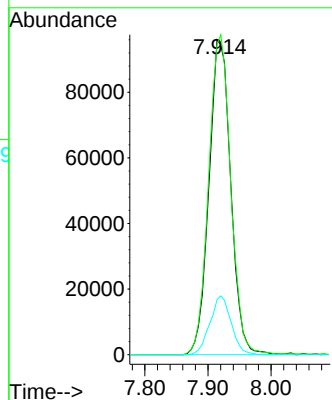
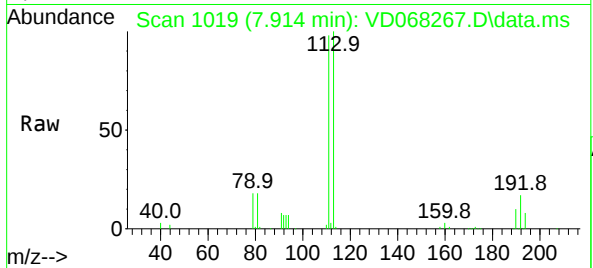




#35
Dibromofluoromethane
Concen: 54.30 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

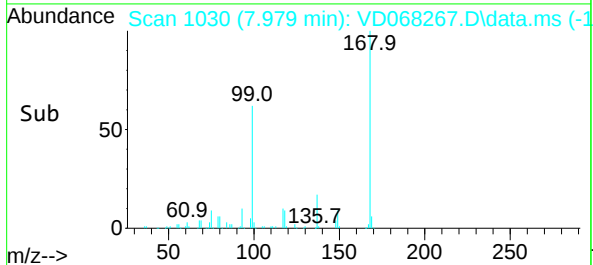
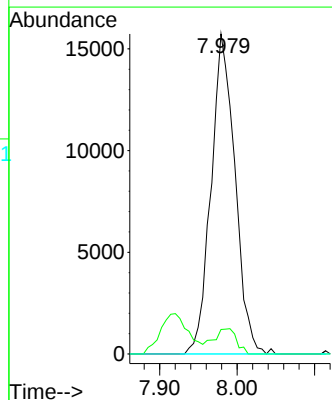
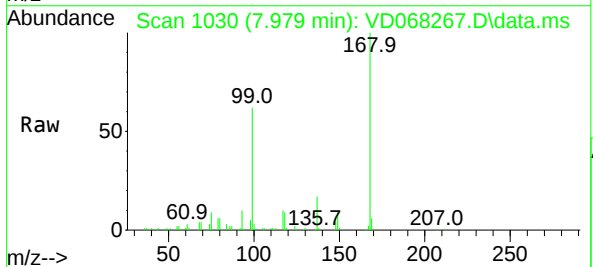
Instrument :
MSVOA_D
ClientSampled :

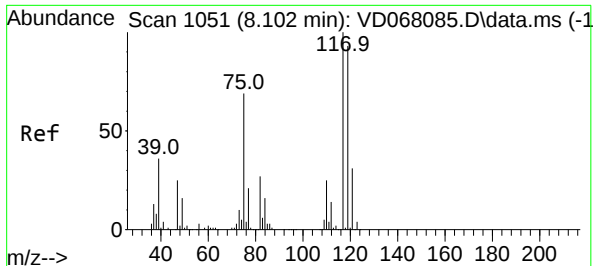
Tgt Ion:113 Resp: 230444
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 18.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

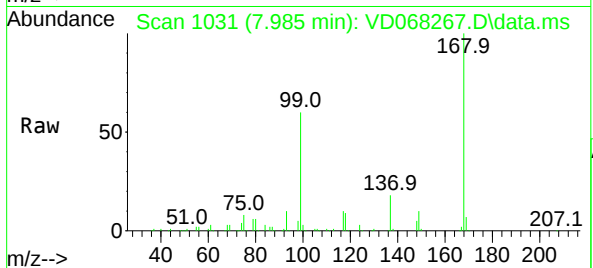
Tgt Ion: 75 Resp: 33884
Ion Ratio Lower Upper
75 100
110 7.6 19.4 58.2#
77 0.0 25.3 37.9#



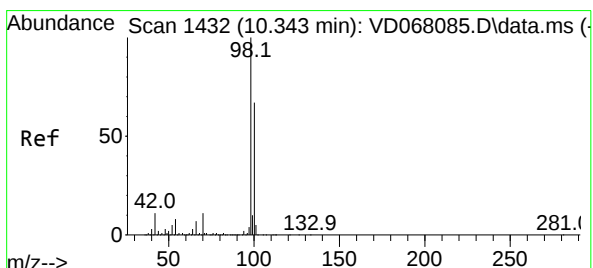
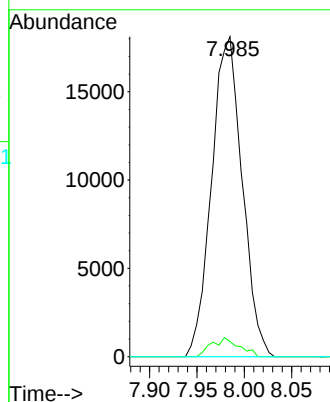
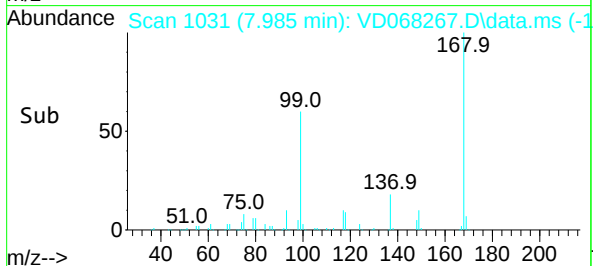


#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

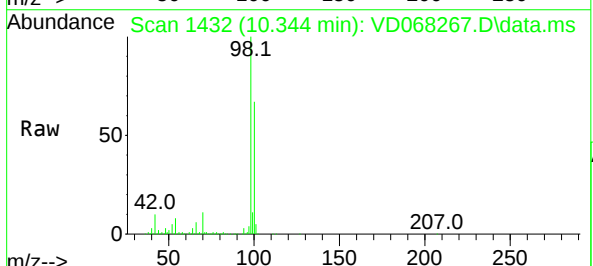
Instrument :
MSVOA_D
ClientSampled :



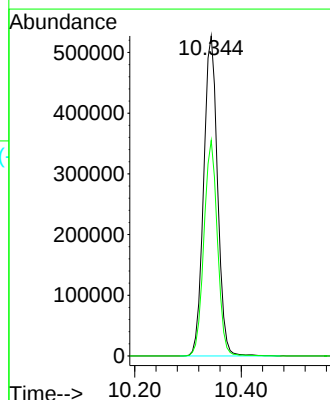
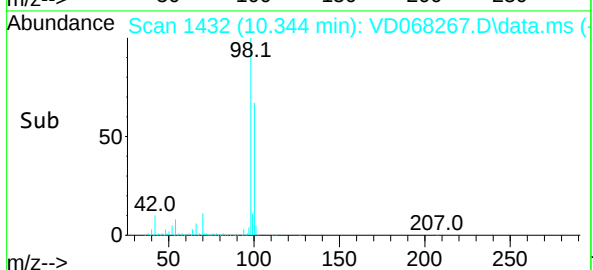
Tgt Ion:117 Resp: 40724
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.7 37.1#

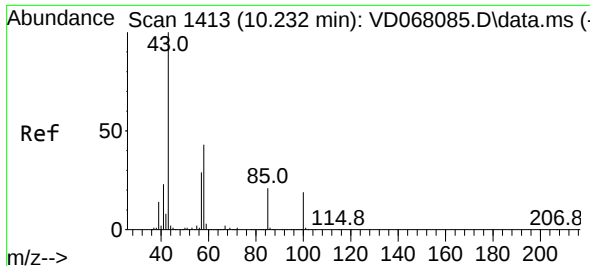


#50
Toluene-d8
Concen: 56.09 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17



Tgt Ion: 98 Resp: 952050
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4

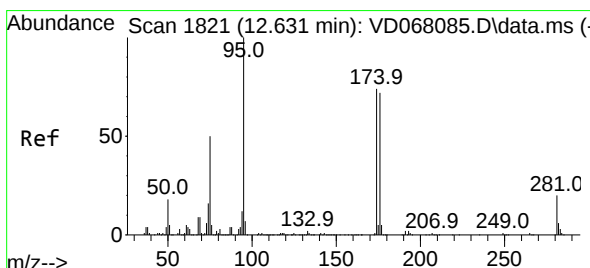
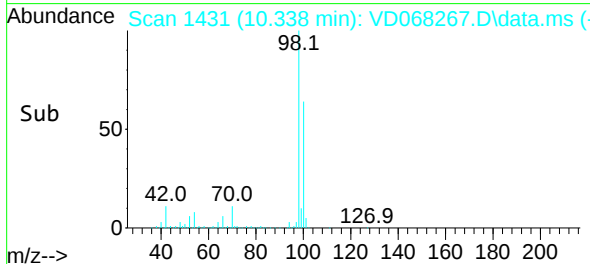
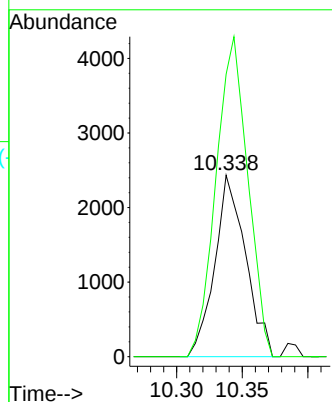
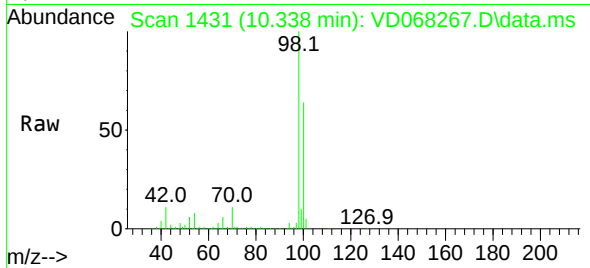




#51
4-Methyl-2-Pentanone
Concen: 1.50 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

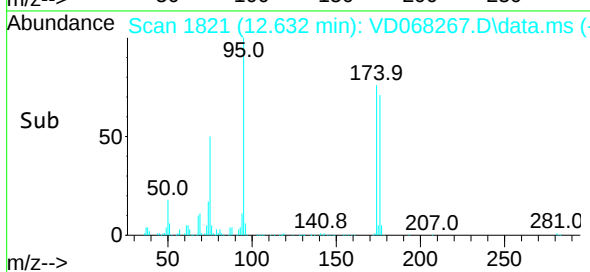
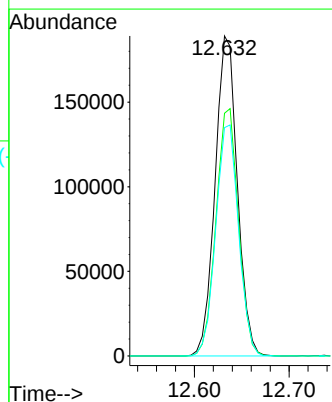
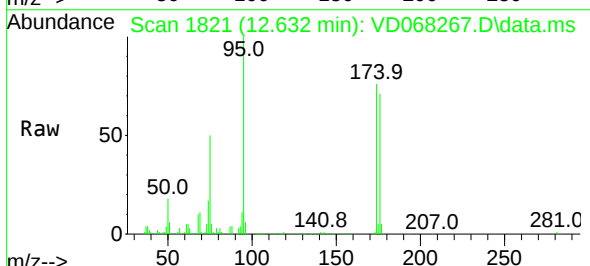
Instrument :
MSVOA_D
ClientSampled :

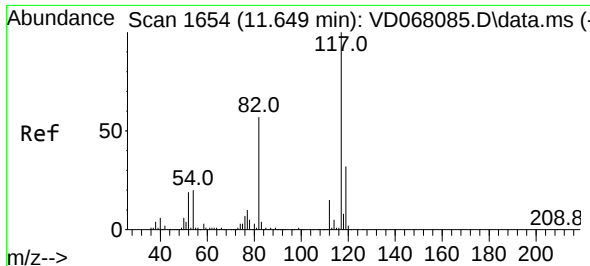
Tgt Ion: 43 Resp: 3980
Ion Ratio Lower Upper
43 100
58 182.0 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 50.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

Tgt Ion: 95 Resp: 309062
Ion Ratio Lower Upper
95 100
174 78.1 0.0 172.4
176 73.9 0.0 168.4

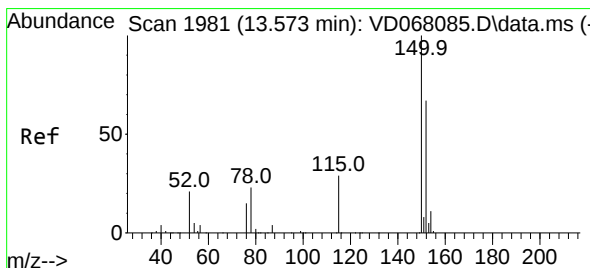
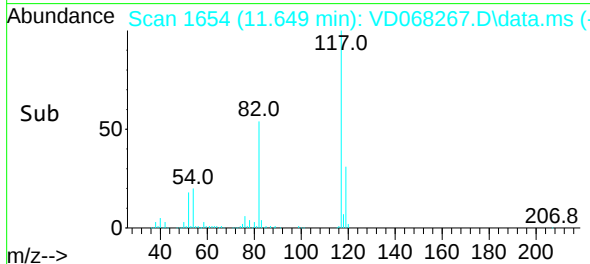
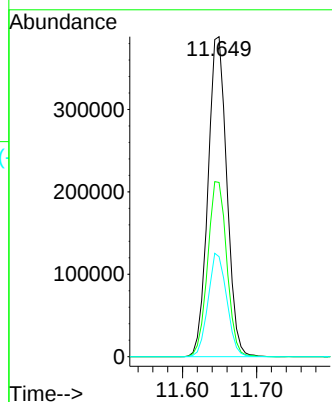
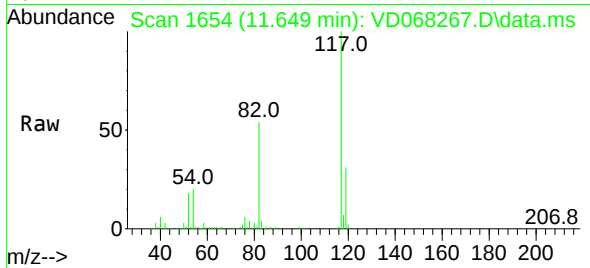




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

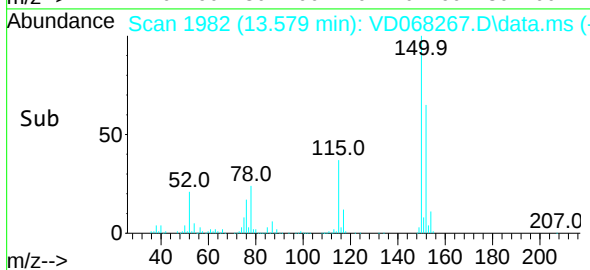
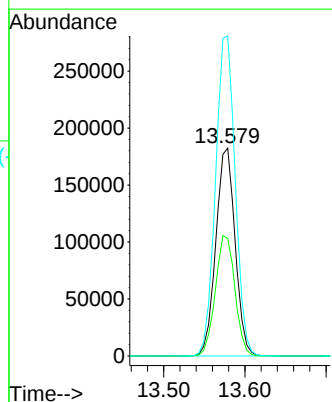
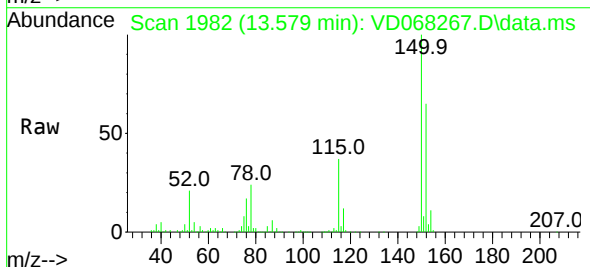
Instrument :
MSVOA_D
ClientSampleId :

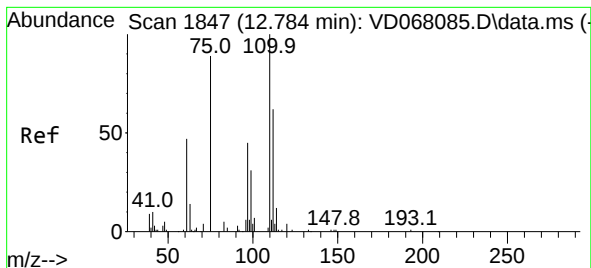
Tgt Ion:117 Resp: 685914
Ion Ratio Lower Upper
117 100
82 54.5 41.4 62.0
119 31.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

Tgt Ion:152 Resp: 301346
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.8
150 157.0 0.0 344.4

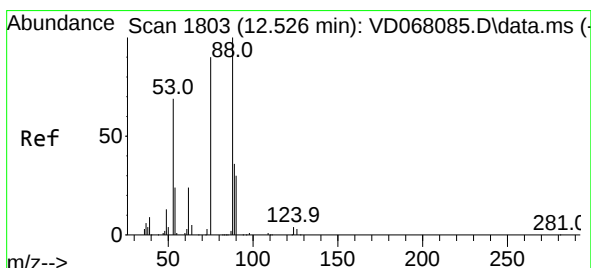
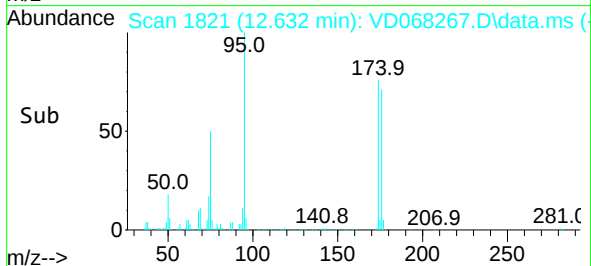
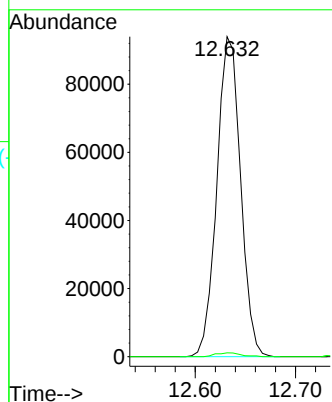
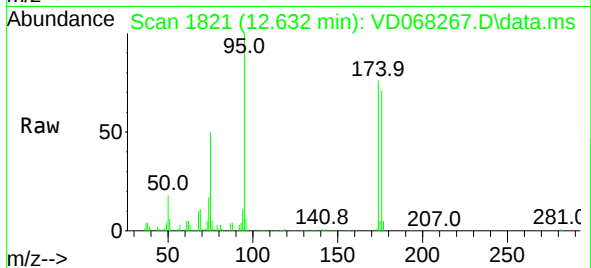




#76
1,2,3-Trichloropropane
Concen: 52.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 154106
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068267.D
Acq: 03 Feb 2021 17:17

Tgt Ion: 75 Resp: 154106
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

