

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068261.D
 Acq On : 03 Feb 2021 14:33
 Operator : VA/SY
 Sample : M1292-05
 Misc : 7.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 03 23:41:57 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)

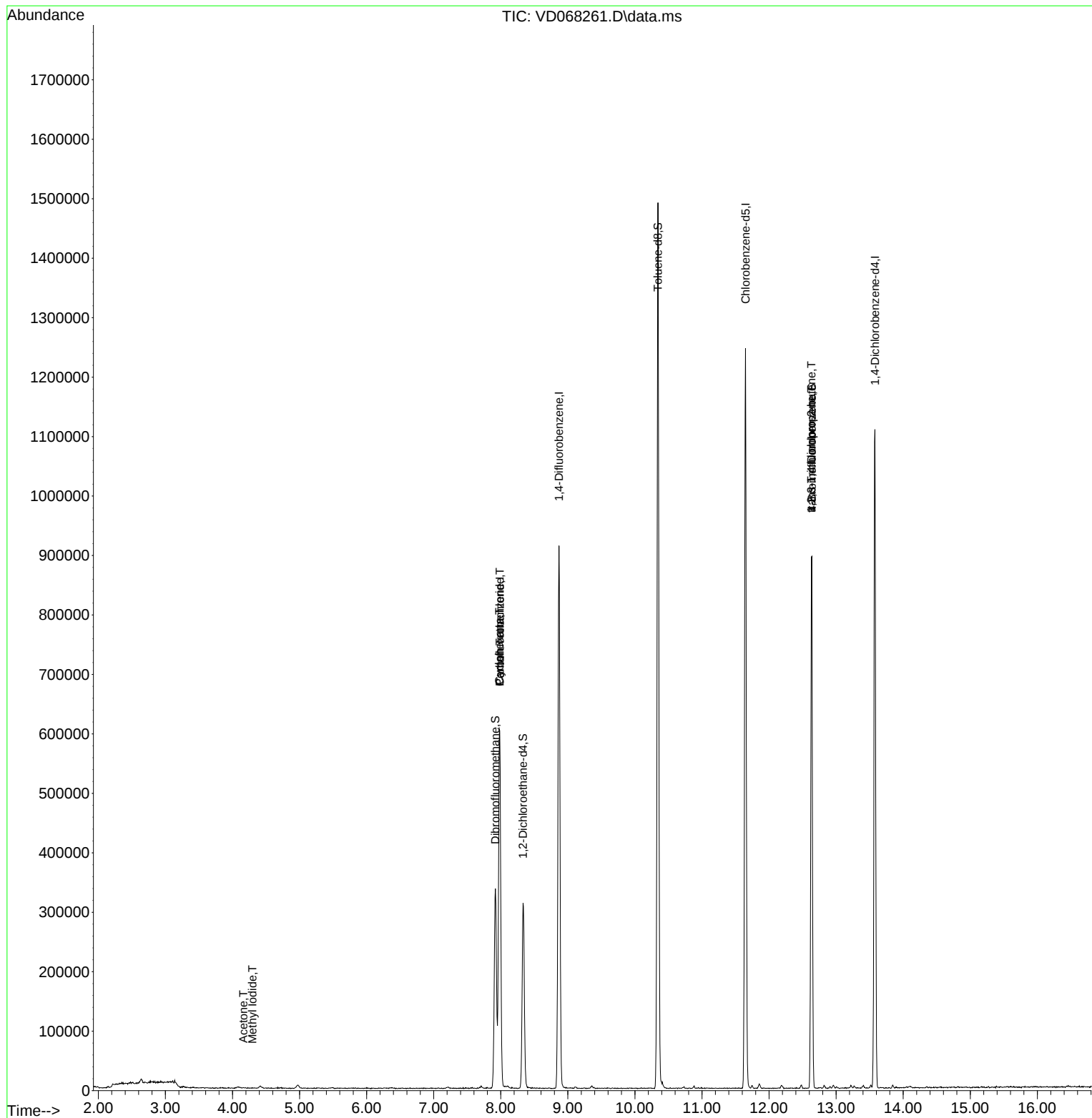
Internal Standards						
1) Pentafluorobenzene	7.985	168	470485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	827481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	732787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	308015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	253062	56.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.46%	
35) Dibromofluoromethane	7.920	113	245463	53.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.32%	
50) Toluene-d8	10.344	98	1025119	56.02	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.04%	
62) 4-Bromofluorobenzene	12.638	95	313884	47.63	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.26%	
Target Compounds						
						Qvalue
10) Methyl Iodide	4.297	142	544	3.25	ug/l #	49
16) Acetone	4.162	43	1654	2.06	ug/l #	44
20) Methylene Chloride	4.967	84	2436	Below	Cal	90
31) Cyclohexane	7.979	56	11296	1.16	ug/l #	14
38) Carbon Tetrachloride	7.985	117	46521	5.96	ug/l #	14
76) 1,2,3-Trichloropropane	12.632	75	160492	53.89	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	160492	109.05	ug/l #	13

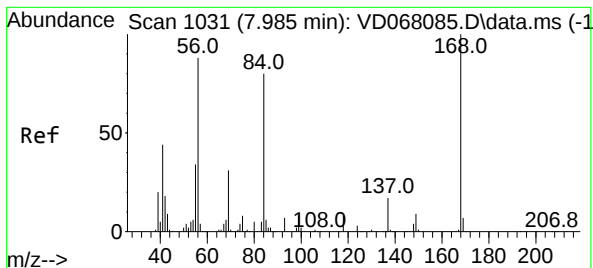
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

Quant Time: Feb 03 23:41:57 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

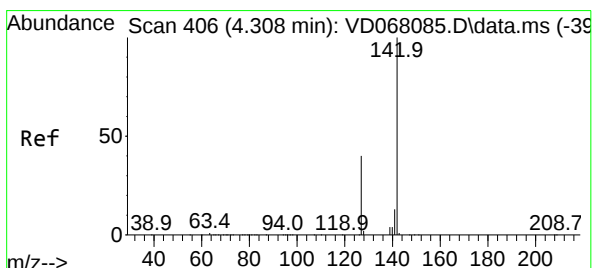
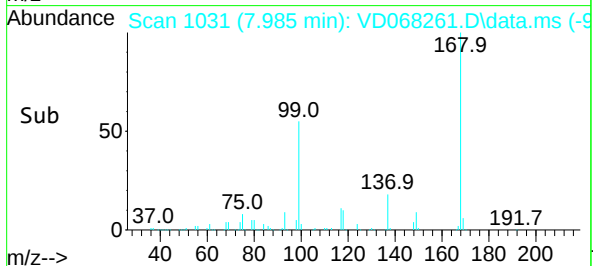
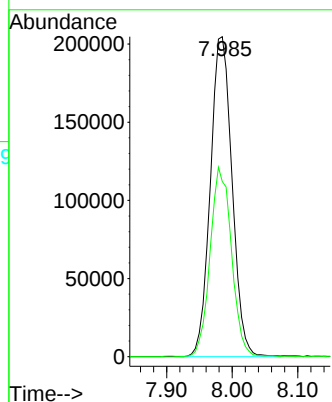
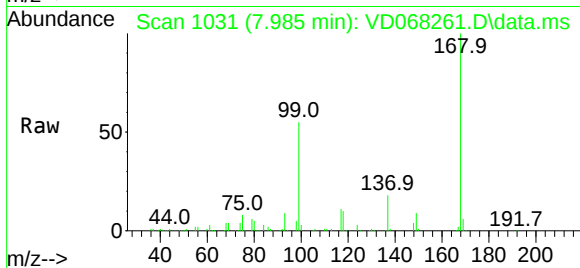




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33

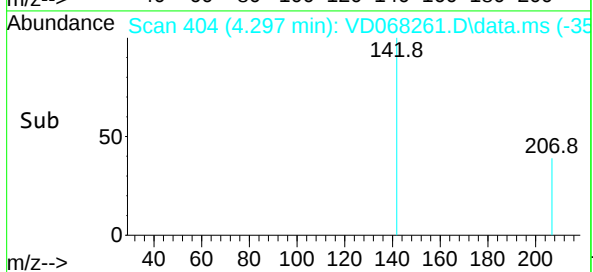
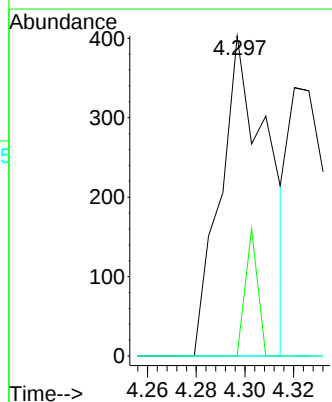
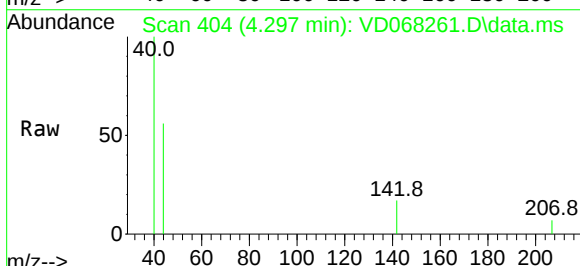
Instrument :
MSVOA_D
ClientSampled :

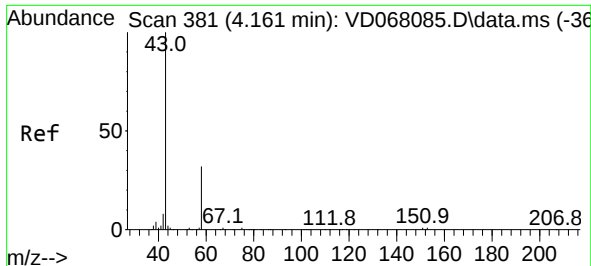
Tgt Ion:168 Resp: 470485
Ion Ratio Lower Upper
168 100
99 54.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.25 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33

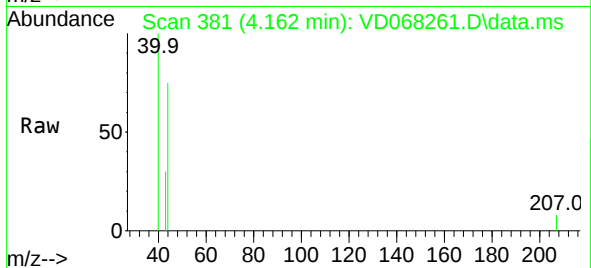
Tgt Ion:142 Resp: 544
Ion Ratio Lower Upper
142 100
127 10.3 37.9 56.9#
141 0.0 11.5 17.3#



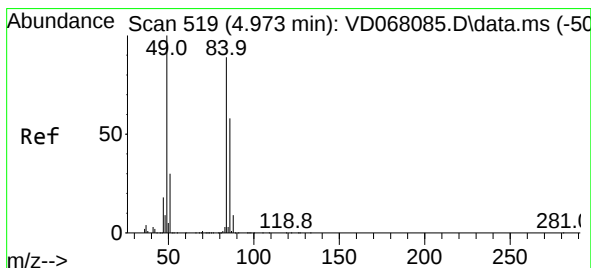
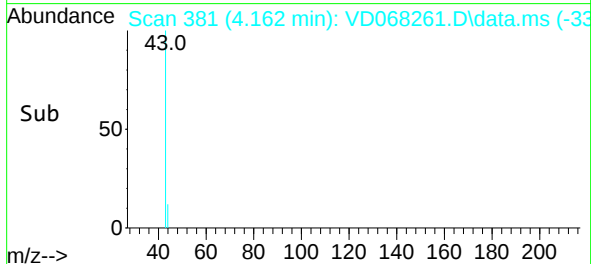
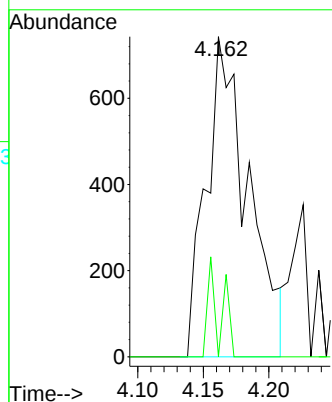


#16
Acetone
Concen: 2.06 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33

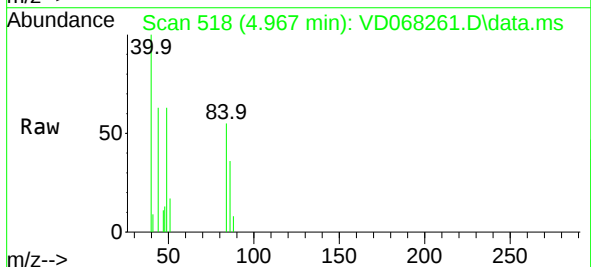
Instrument :
MSVOA_D
ClientSampled :



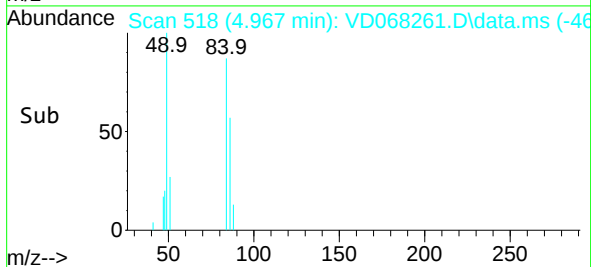
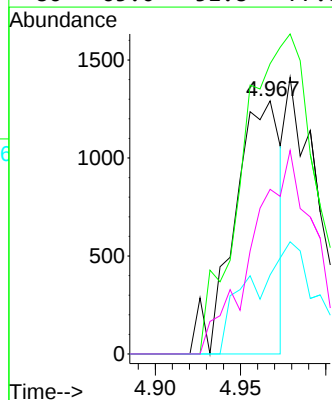
Tgt Ion: 43 Resp: 1654
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

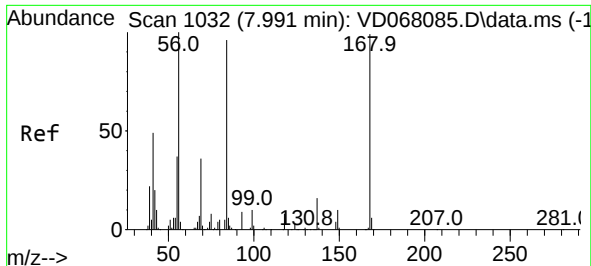


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33



Tgt Ion: 84 Resp: 2436
Ion Ratio Lower Upper
84 100
49 114.6 77.4 116.2
51 31.2 26.1 39.1
86 65.0 51.8 77.8

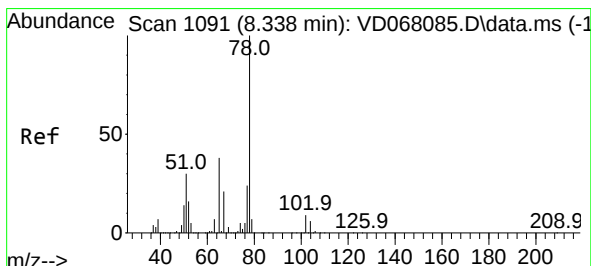
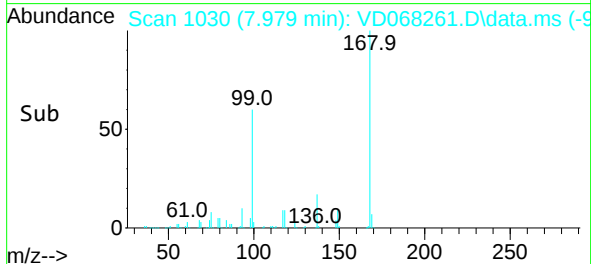
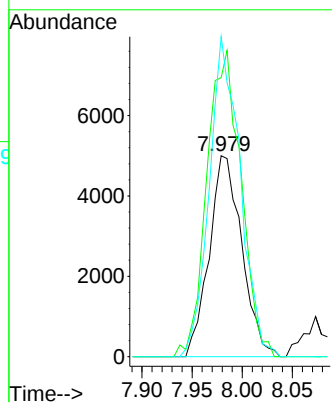
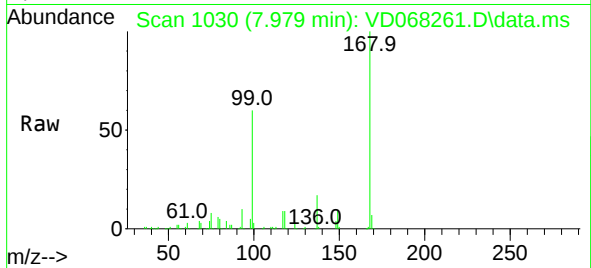




#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33

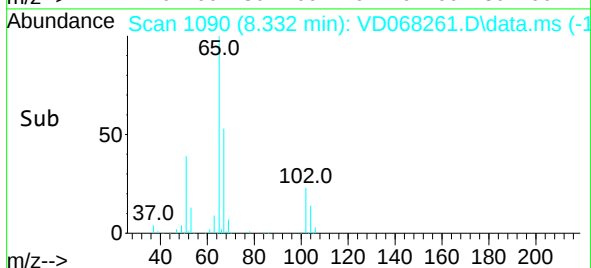
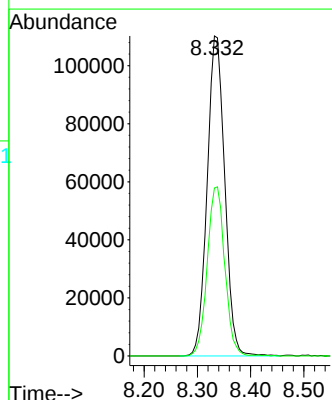
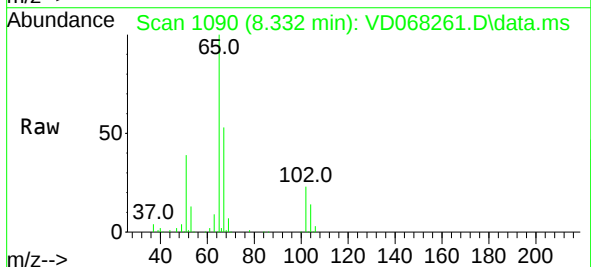
Instrument :
MSVOA_D
ClientSampled :

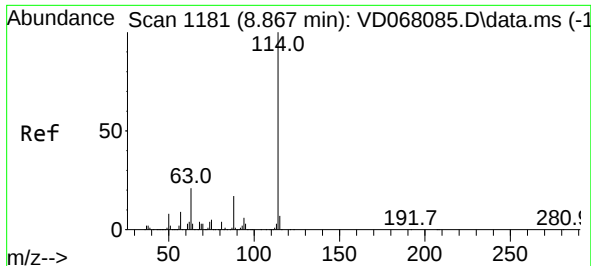
Tgt Ion: 56 Resp: 11296
Ion Ratio Lower Upper
56 100
69 138.9 30.1 45.1#
84 159.3 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 56.23 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33

Tgt Ion: 65 Resp: 253062
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0



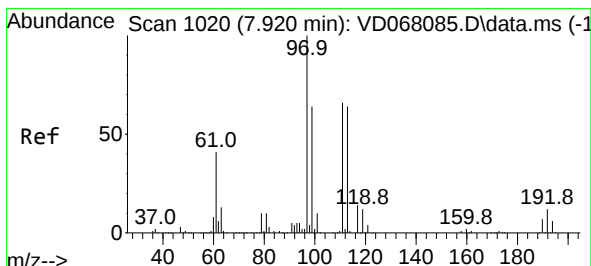
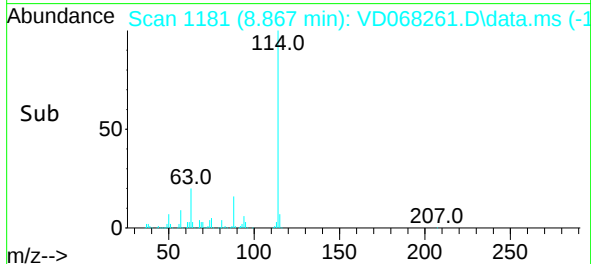
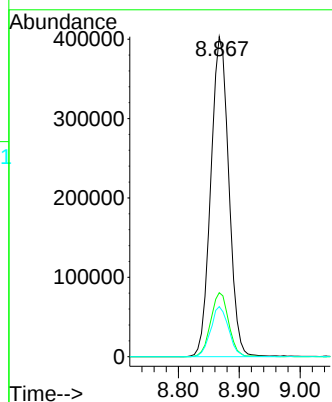
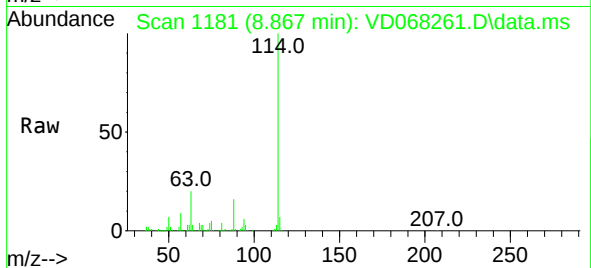


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33

Instrument :
MSVOA_D
ClientSampleId :

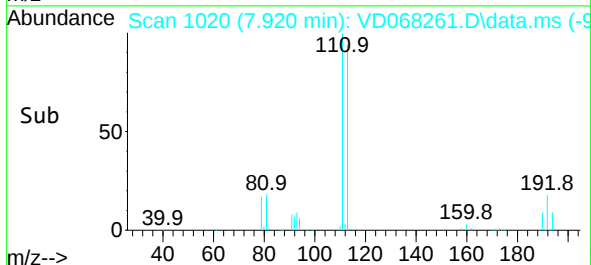
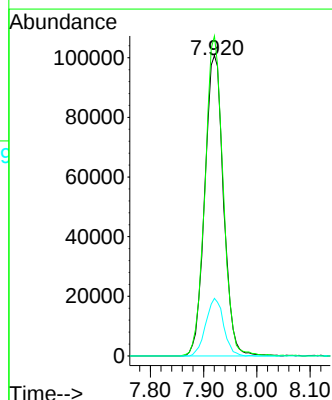
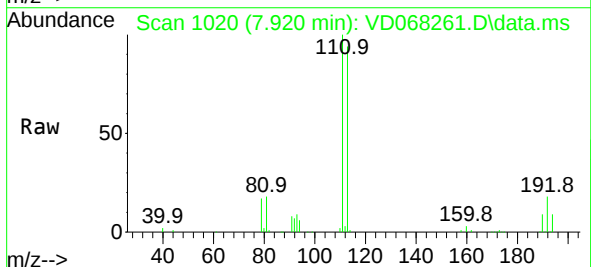
Tgt Ion:114 Resp: 827481
Ion Ratio Lower Upper
114 100
63 20.0 0.0 34.8
88 15.6 0.0 31.6

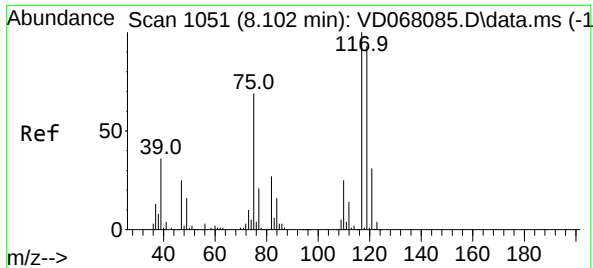


#35

Dibromofluoromethane
Concen: 53.66 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33

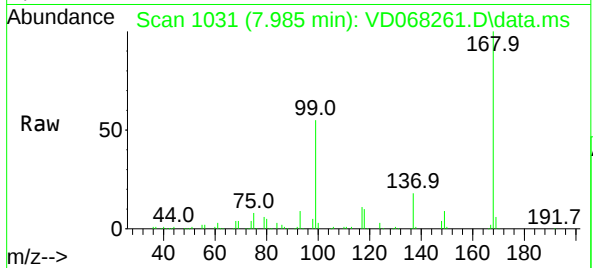
Tgt Ion:113 Resp: 245463
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.3 16.1 24.1



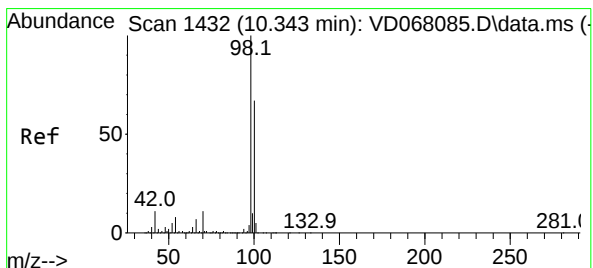
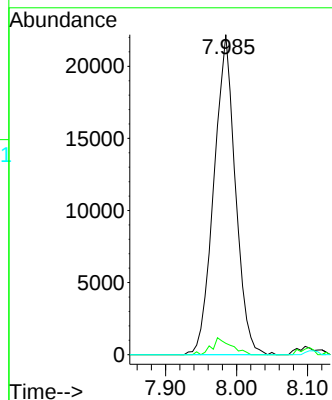
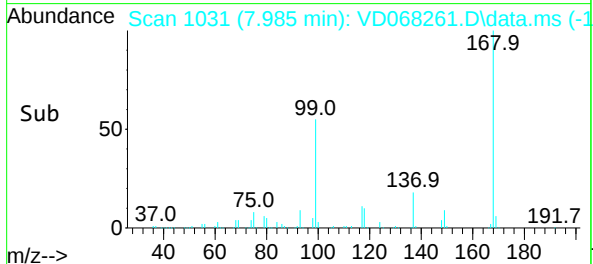


#38
Carbon Tetrachloride
Concen: 5.96 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33

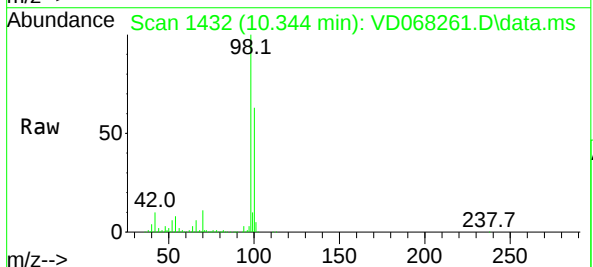
Instrument :
MSVOA_D
ClientSampled :



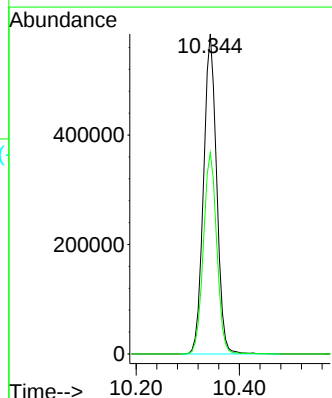
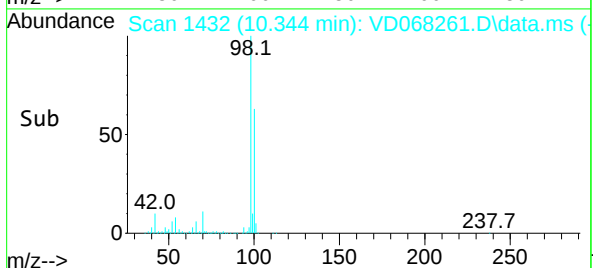
Tgt Ion:117 Resp: 46521
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.7 37.1#

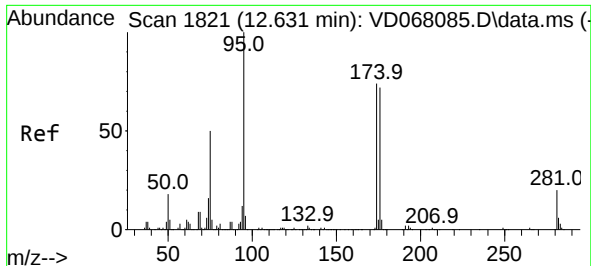


#50
Toluene-d8
Concen: 56.02 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33



Tgt Ion: 98 Resp: 1025119
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4

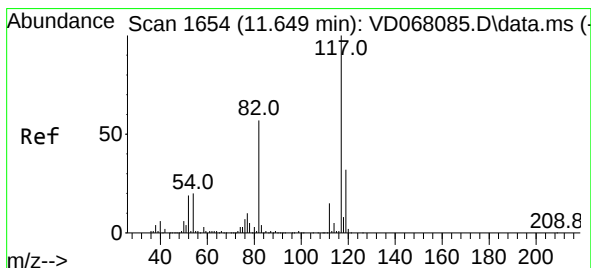
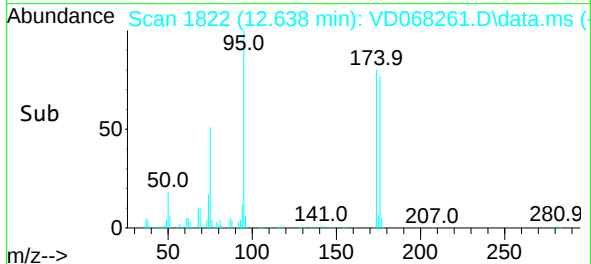
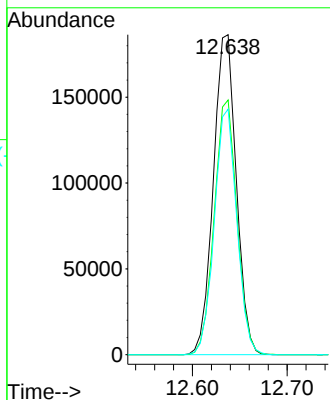
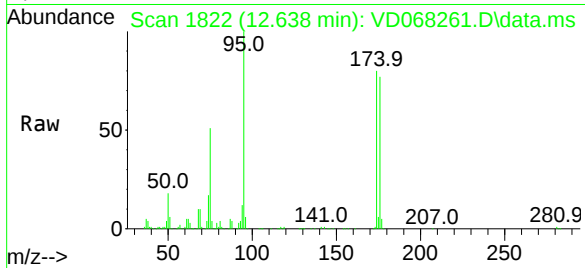




#62
4-Bromofluorobenzene
Concen: 47.63 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33

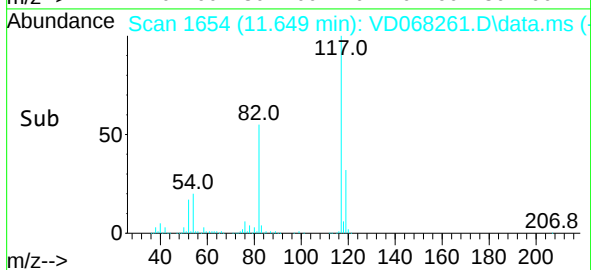
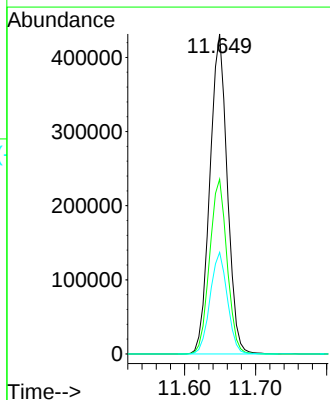
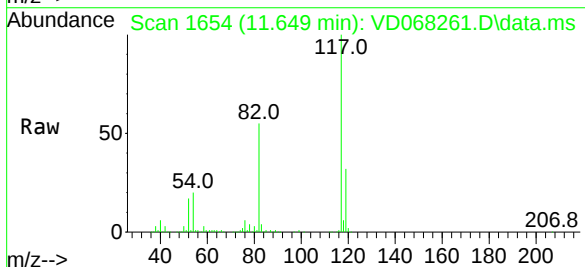
Instrument :
MSVOA_D
ClientSampleId :

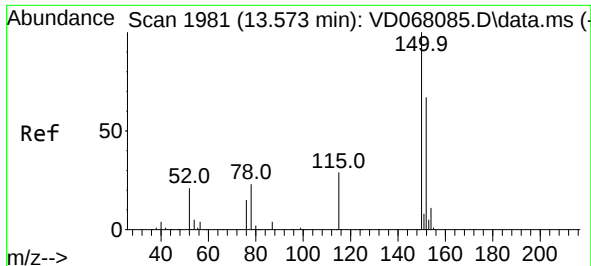
Tgt Ion: 95 Resp: 313884
Ion Ratio Lower Upper
95 100
174 78.9 0.0 172.4
176 75.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33

Tgt Ion: 117 Resp: 732787
Ion Ratio Lower Upper
117 100
82 54.6 41.4 62.0
119 31.8 26.1 39.1

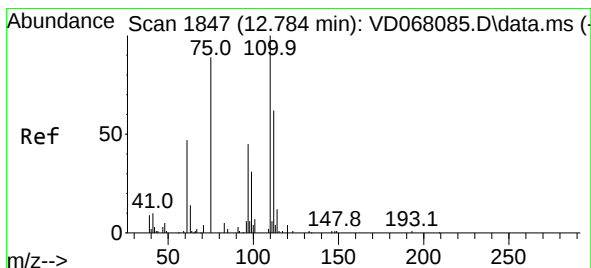
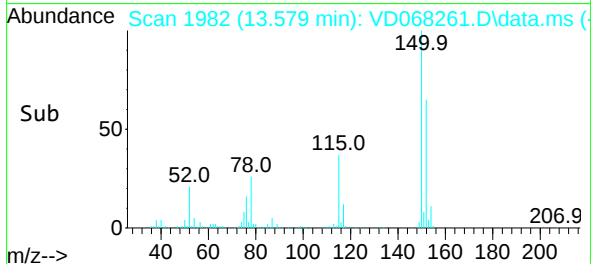
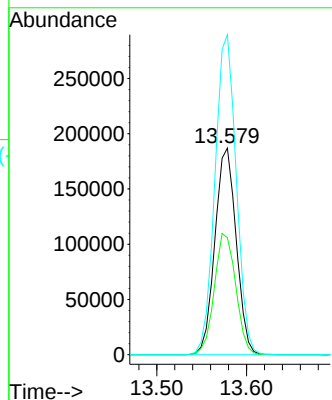
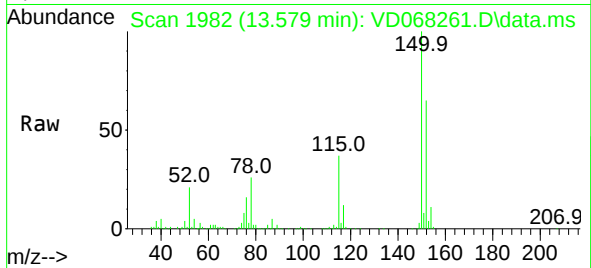




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33

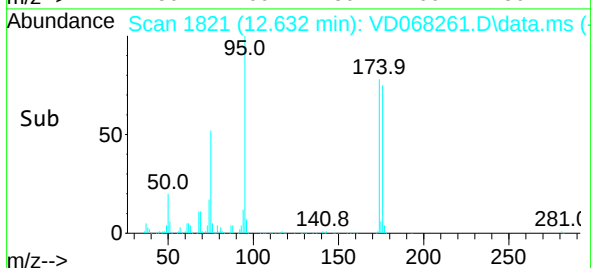
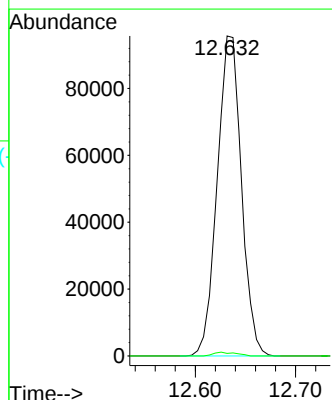
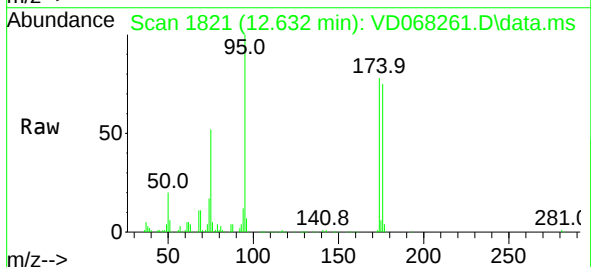
Instrument :
MSVOA_D
ClientSampled :

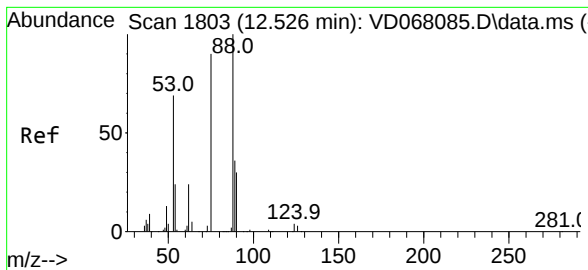
Tgt Ion:152 Resp: 308015
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.8
150 154.9 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068261.D
Acq: 03 Feb 2021 14:33

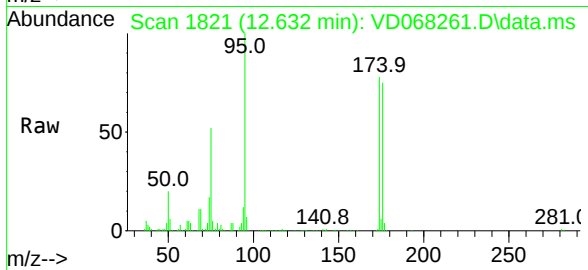
Tgt Ion: 75 Resp: 160492
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.05 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068261.D
 Acq: 03 Feb 2021 14:33

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 160492
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

