

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068265.D
 Acq On : 03 Feb 2021 16:23
 Operator : VA/SY
 Sample : M1292-09
 Misc : 5.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 03 23:43:08 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)

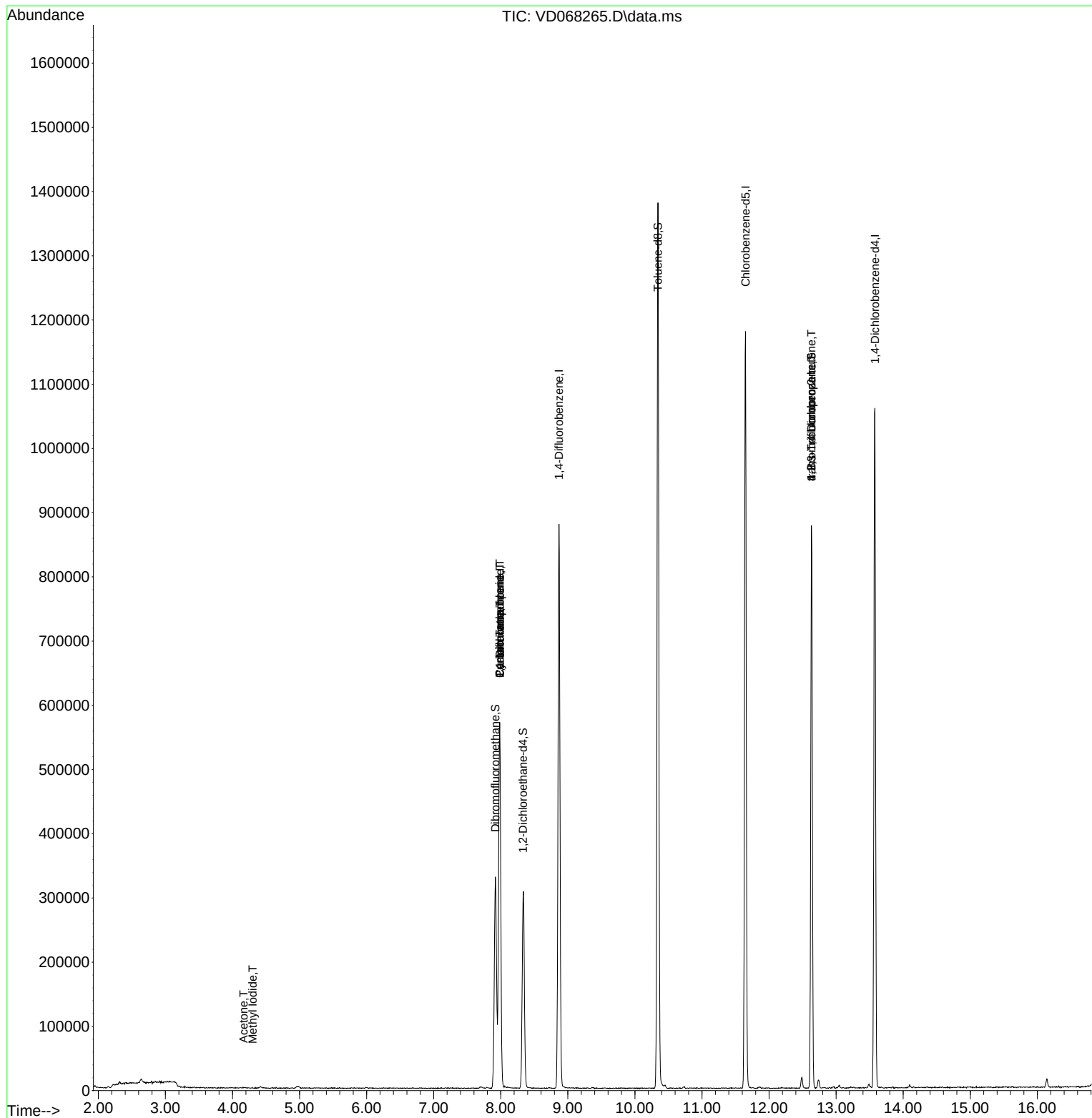
Internal Standards						
1) Pentafluorobenzene	7.985	168	435067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	787829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	708710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	293545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	246383	59.20	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.40%			
35) Dibromofluoromethane	7.920	113	239080	54.89	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.78%			
50) Toluene-d8	10.344	98	976784	56.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.14%			
62) 4-Bromofluorobenzene	12.632	95	308551	49.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.36%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	53	3.17	ug/l #	38
16) Acetone	4.167	43	839	1.13	ug/l #	44
20) Methylene Chloride	4.979	84	2445	Below Cal	#	71
31) Cyclohexane	7.985	56	9692	1.08	ug/l #	9
36) 1,1-Dichloropropene	7.985	75	35858	4.51	ug/l #	47
38) Carbon Tetrachloride	7.985	117	44111	5.93	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	155854	54.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	155854	111.12	ug/l #	13

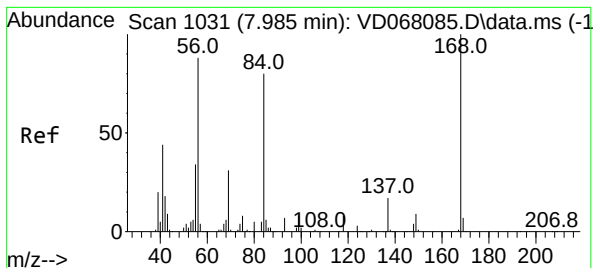
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

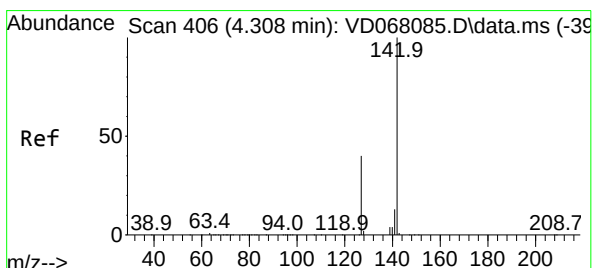
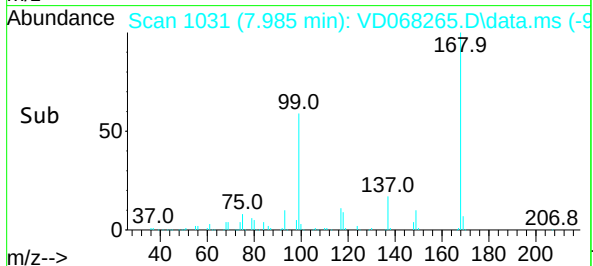
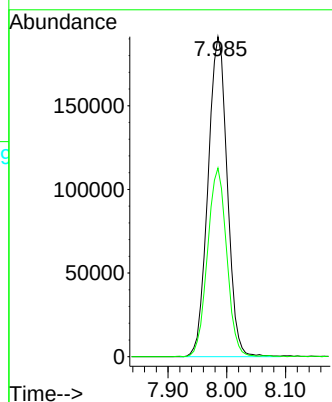
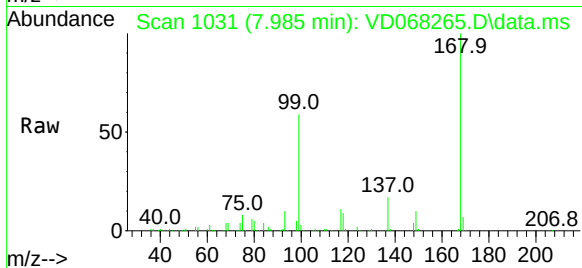




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

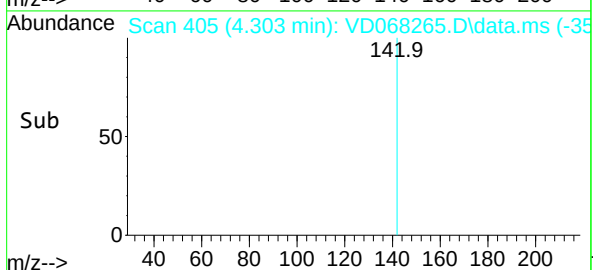
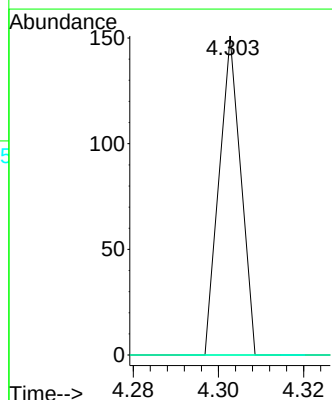
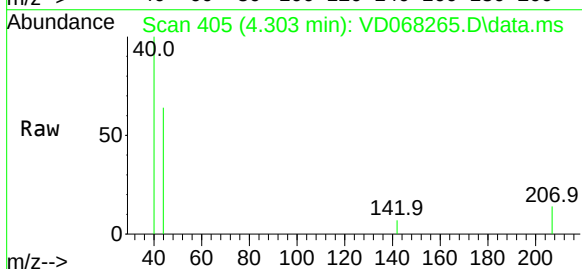
Instrument :
MSVOA_D
ClientSampled :

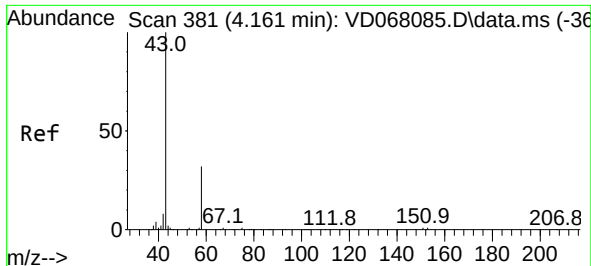
Tgt Ion:168 Resp: 435067
Ion Ratio Lower Upper
168 100
99 58.9 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

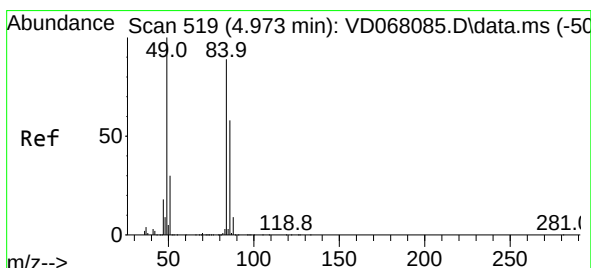
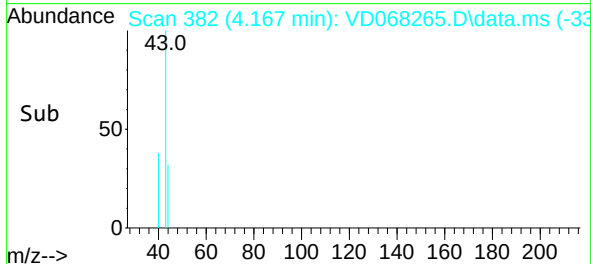
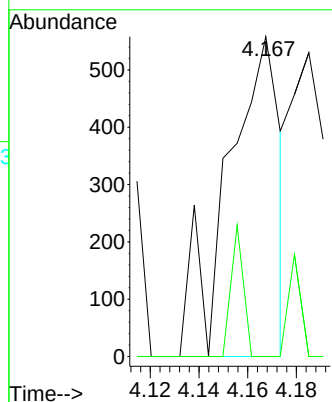
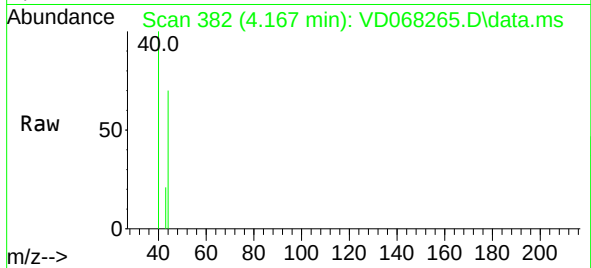




#16
Acetone
Concen: 1.13 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

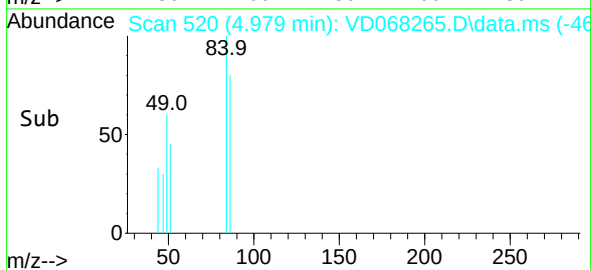
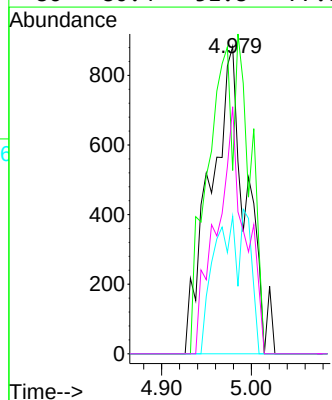
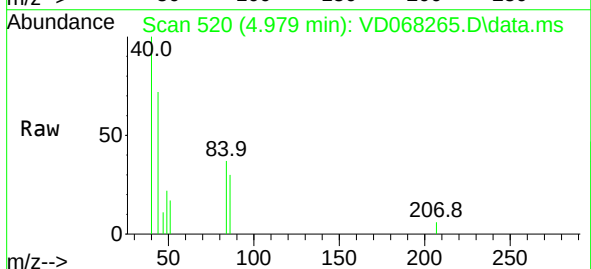
Instrument :
MSVOA_D
ClientSampled :

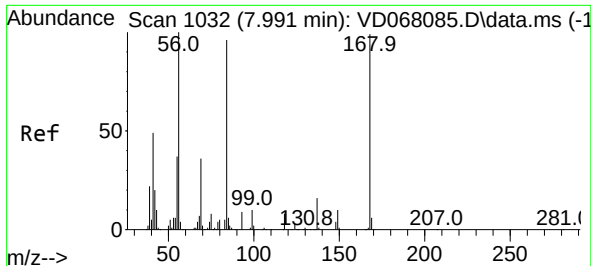
Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

Tgt Ion: 84 Resp: 2445
Ion Ratio Lower Upper
84 100
49 59.7 77.4 116.2#
51 44.7 26.1 39.1#
86 80.4 51.8 77.8#

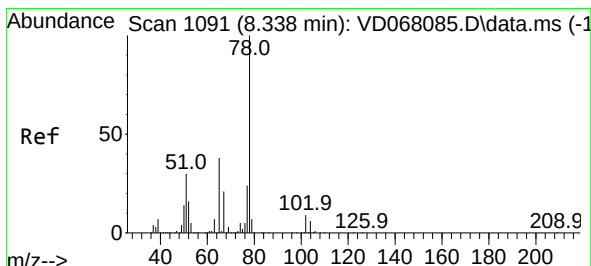
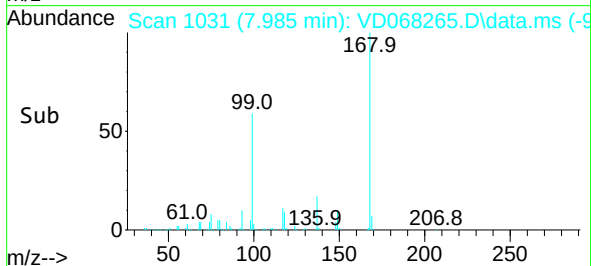
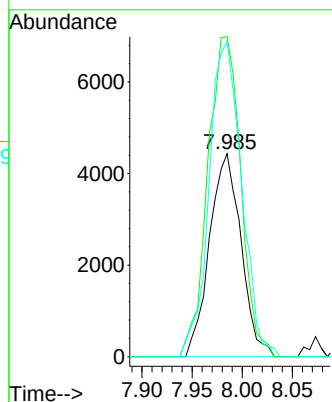
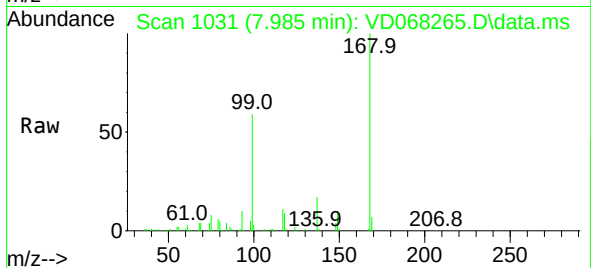




#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

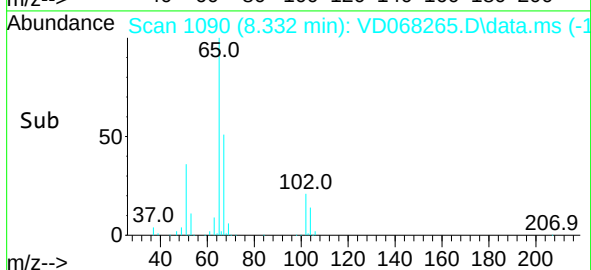
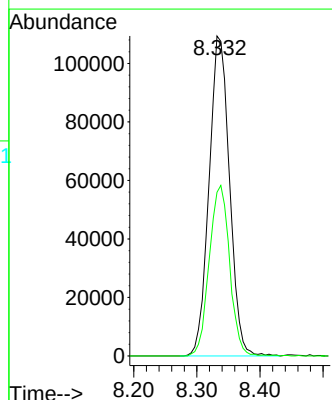
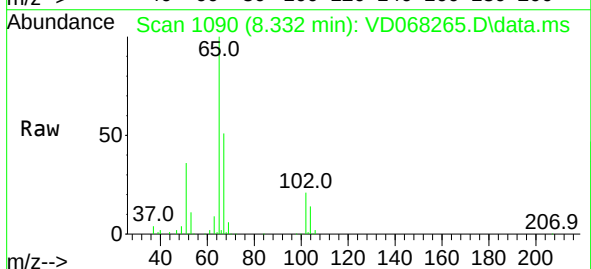
Instrument :
MSVOA_D
ClientSampleId :

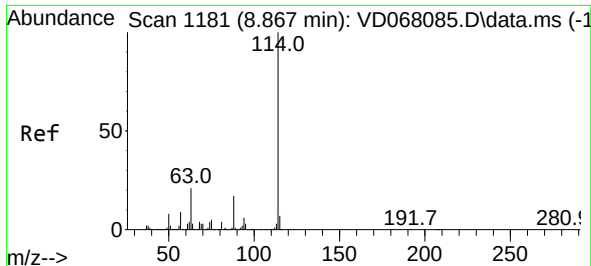
Tgt Ion: 56 Resp: 9692
Ion Ratio Lower Upper
56 100
69 157.6 30.1 45.1#
84 155.0 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 59.20 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

Tgt Ion: 65 Resp: 246383
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0

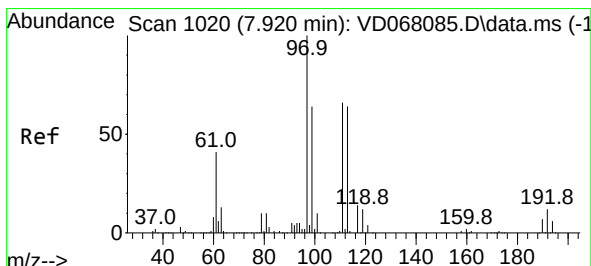
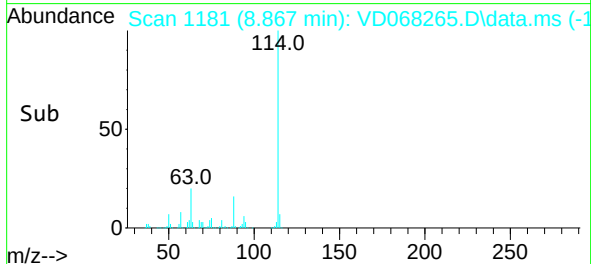
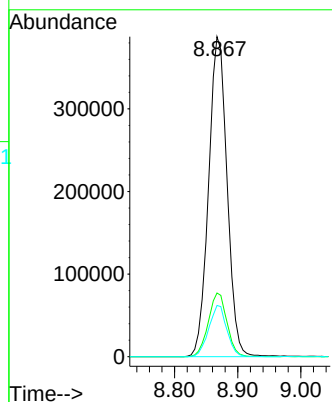
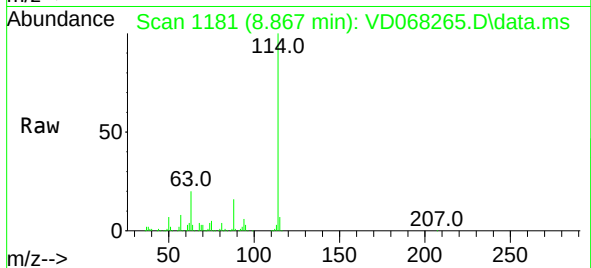




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

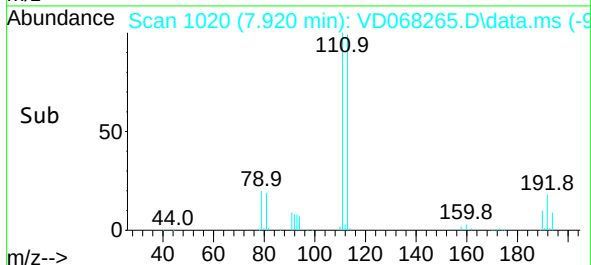
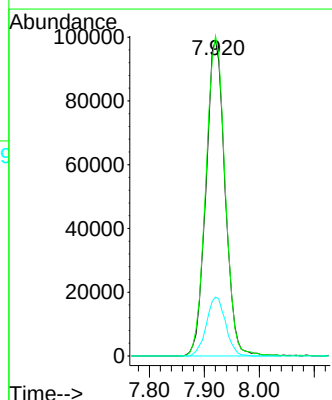
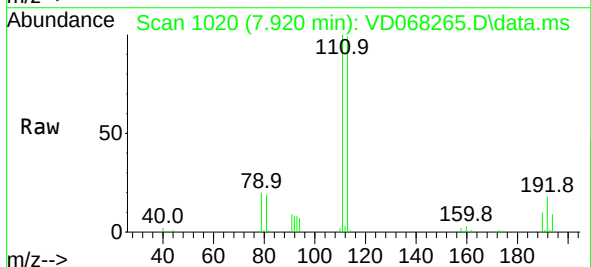
Instrument :
MSVOA_D
ClientSampled :

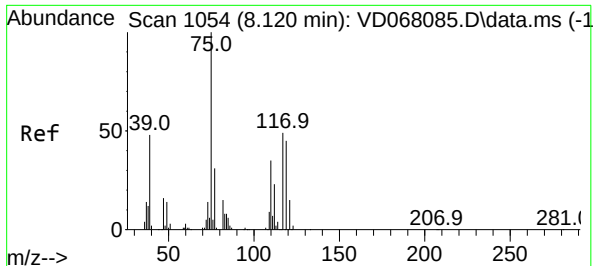
Tgt Ion:114 Resp: 787829
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.8
88 16.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.89 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

Tgt Ion:113 Resp: 239080
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 18.7 16.1 24.1

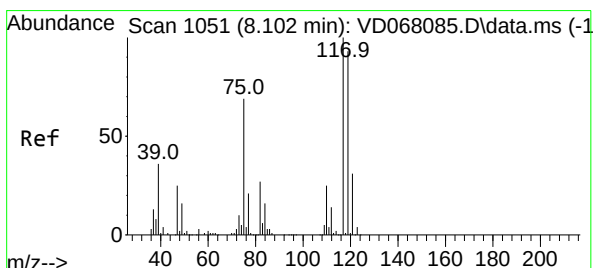
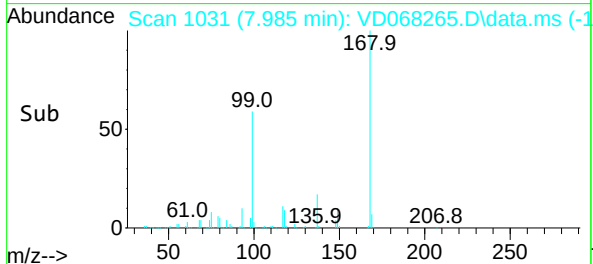
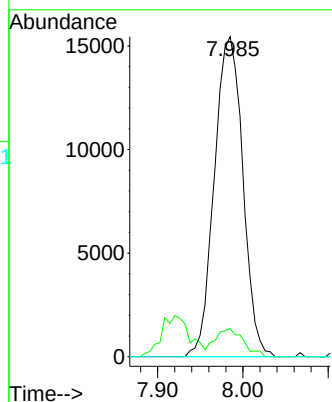
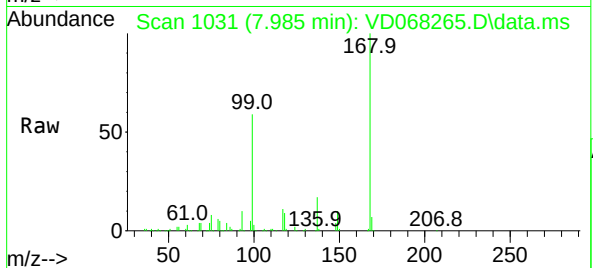




#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

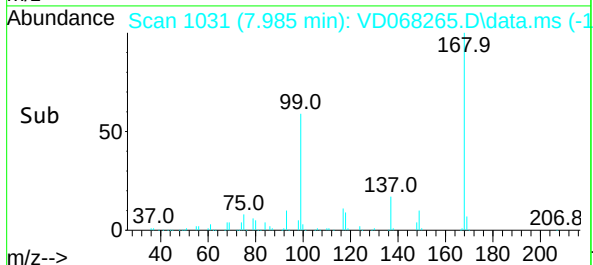
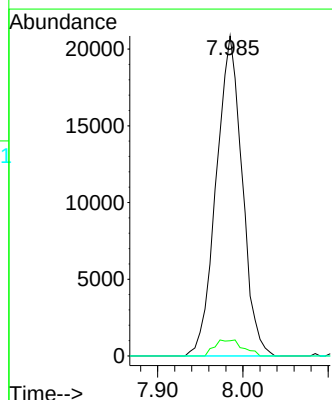
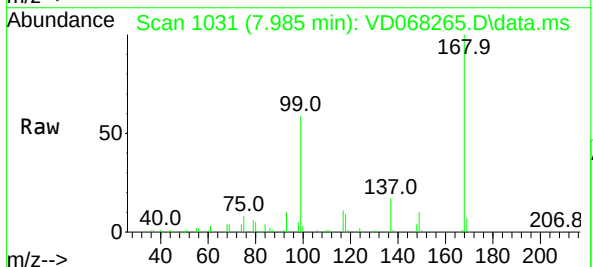
Instrument :
MSVOA_D
ClientSampled :

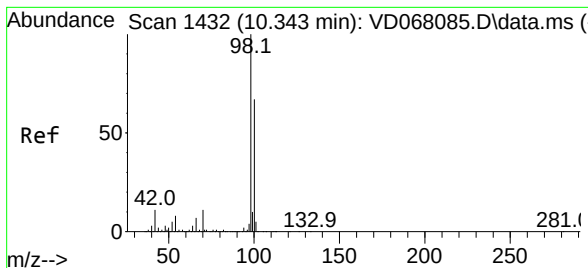
Tgt Ion: 75 Resp: 35858
Ion Ratio Lower Upper
75 100
110 8.7 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.93 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

Tgt Ion: 117 Resp: 44111
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.7 37.1#

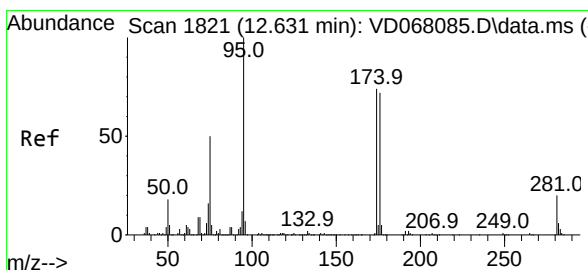
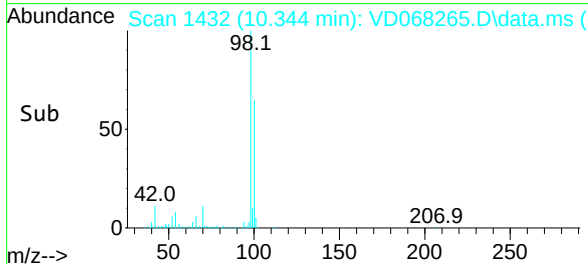
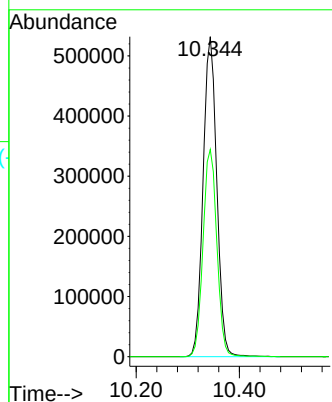
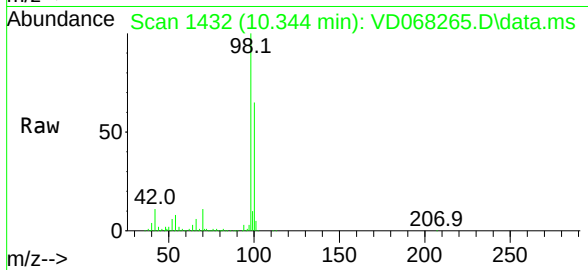




#50
Toluene-d8
Concen: 56.07 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

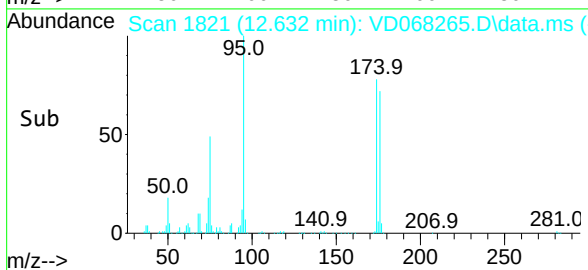
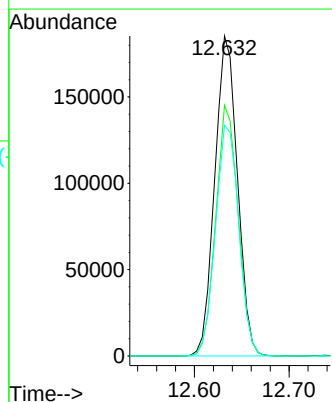
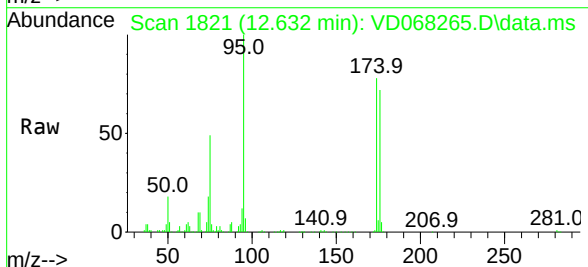
Instrument :
MSVOA_D
ClientSampled :

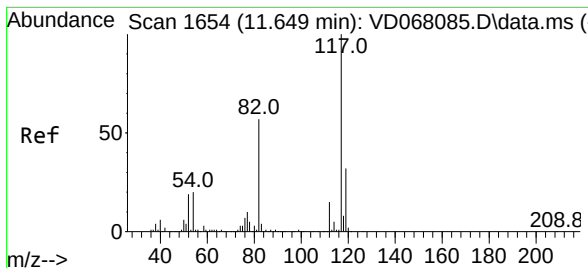
Tgt Ion: 98 Resp: 976784
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

Tgt Ion: 95 Resp: 308551
Ion Ratio Lower Upper
95 100
174 77.6 0.0 172.4
176 74.1 0.0 168.4

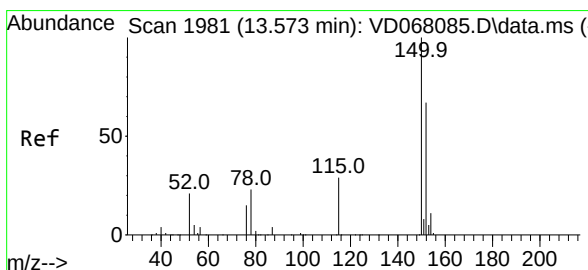
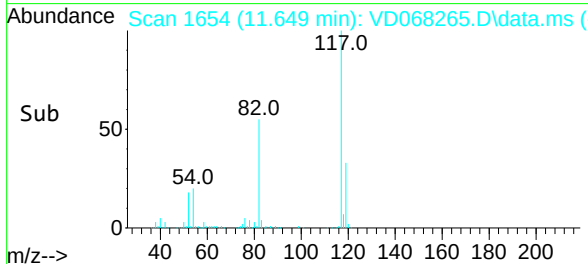
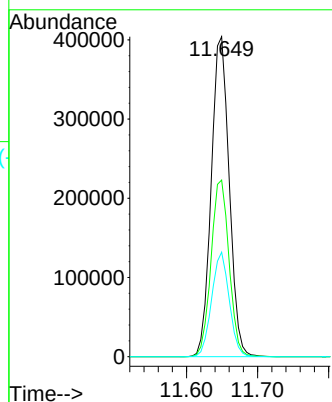
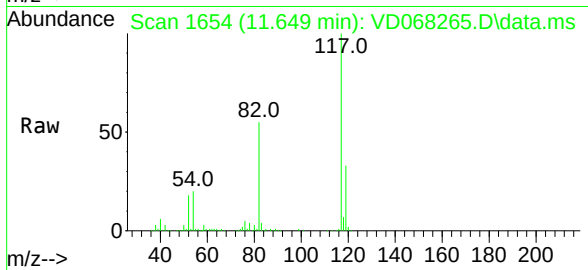




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

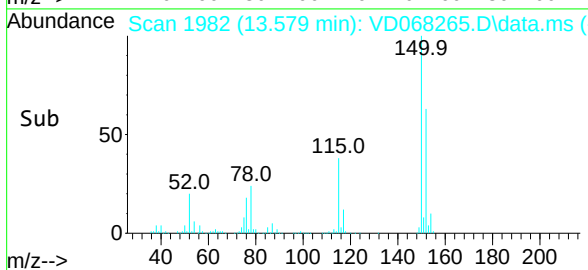
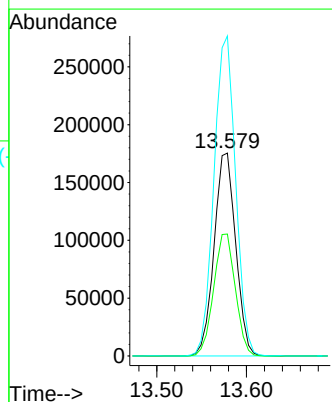
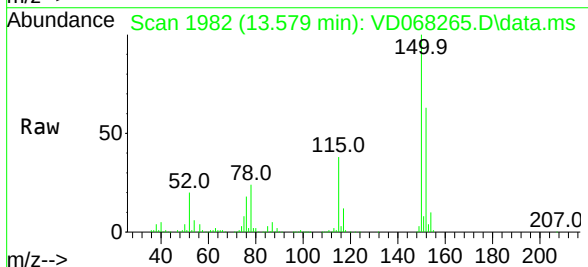
Instrument :
MSVOA_D
ClientSampleId :

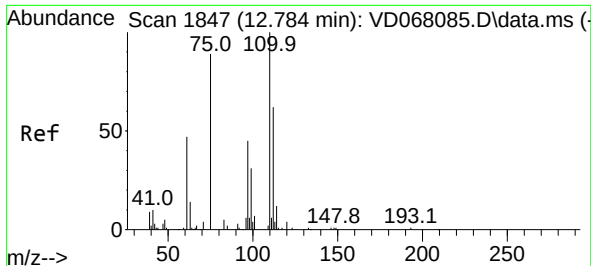
Tgt Ion:117 Resp: 708710
Ion Ratio Lower Upper
117 100
82 55.2 41.4 62.0
119 32.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

Tgt Ion:152 Resp: 293545
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.8
150 157.8 0.0 344.4

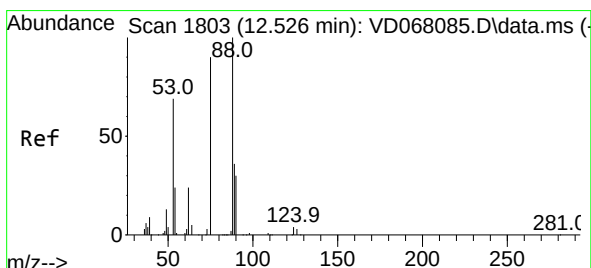
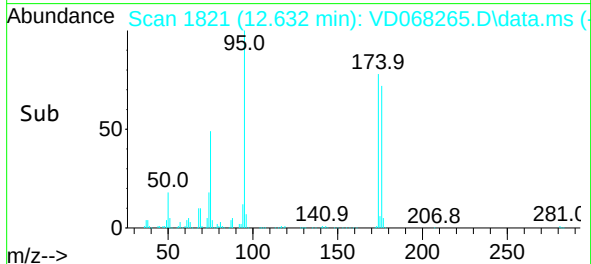
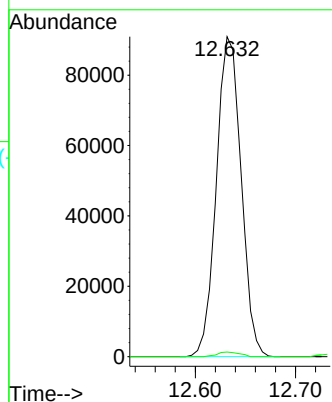
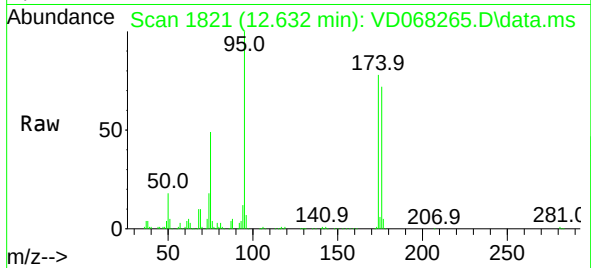




#76
1,2,3-Trichloropropane
Concen: 54.91 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 155854
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068265.D
Acq: 03 Feb 2021 16:23

Tgt Ion: 75 Resp: 155854
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

