

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068523.D
 Acq On : 04 Mar 2021 14:12
 Operator : VA/SY
 Sample : M1568-01
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 05 00:01:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

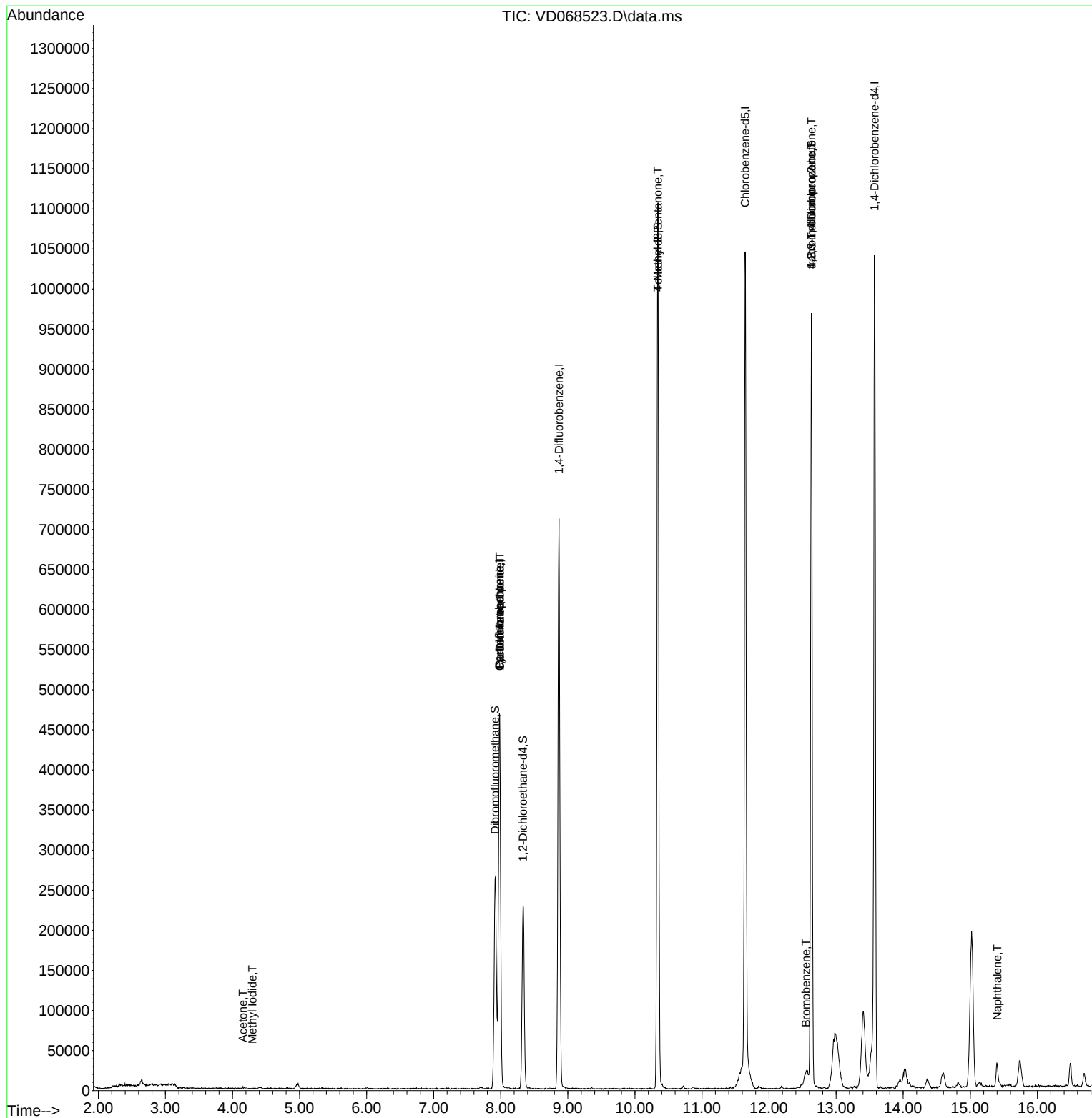
Internal Standards						
1) Pentafluorobenzene	7.979	168	363583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	633934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	612706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	295099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	182072	50.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.24%			
35) Dibromofluoromethane	7.914	113	192712	50.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.92%			
50) Toluene-d8	10.343	98	790184	51.95	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.90%			
62) 4-Bromofluorobenzene	12.632	95	264293	53.91	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.82%			
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	487	2.72	ug/l #	55
16) Acetone	4.156	43	930	1.61	ug/l #	87
20) Methylene Chloride	4.967	84	4862	Below Cal	#	94
31) Cyclohexane	7.985	56	7514	1.14	ug/l #	12
36) 1,1-Dichloropropene	7.985	75	26628	4.42	ug/l #	48
38) Carbon Tetrachloride	7.985	117	35354	6.24	ug/l #	15
51) 4-Methyl-2-Pentanone	10.343	43	2753	1.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	133194	50.84	ug/l #	100
77) Bromobenzene	12.549	156	9679	1.94	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.632	75	133194	118.65	ug/l #	14
95) Naphthalene	15.402	128	24920	2.15	ug/l	96

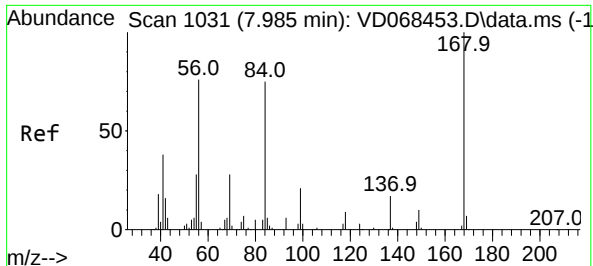
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
Data File : VD068523.D
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Sample : M1568-01
Misc : 4.96G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Mar 05 00:01:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

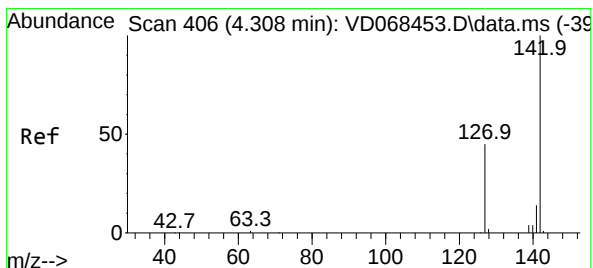
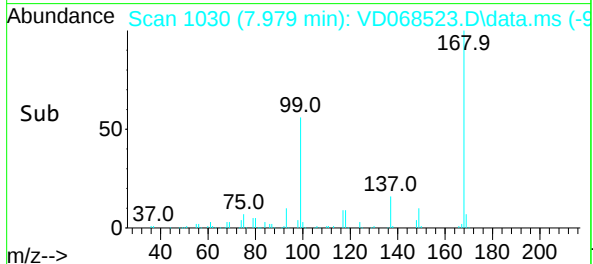
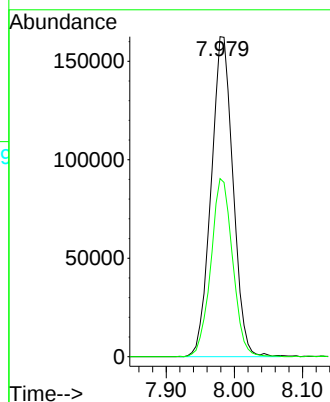
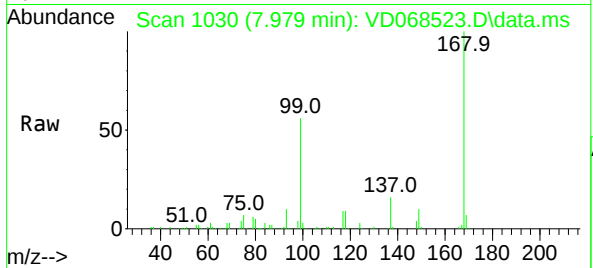




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

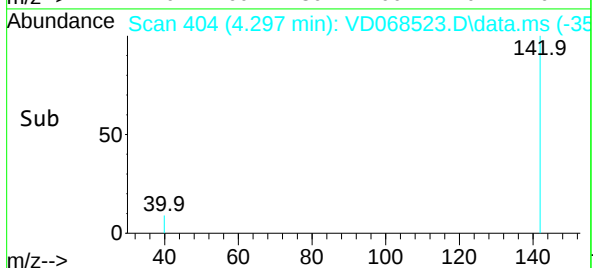
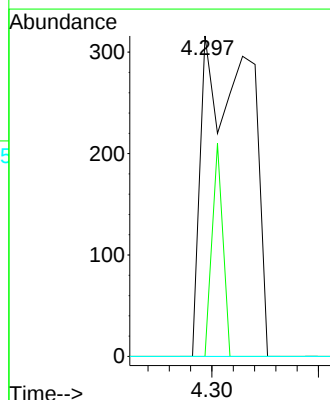
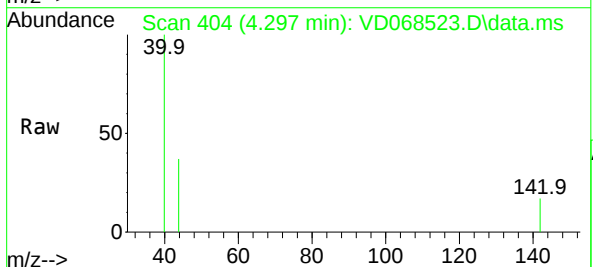
Instrument :
MSVOA_D
ClientSampleId :

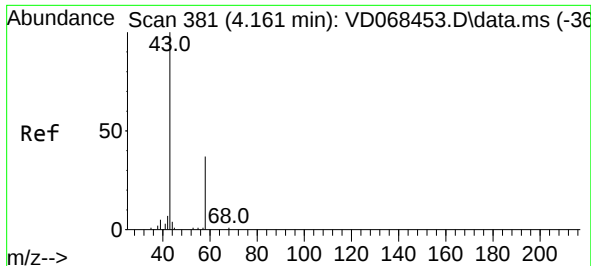
Tgt Ion:168 Resp: 363583
Ion Ratio Lower Upper
168 100
99 55.5 43.5 65.3



#10
Methyl Iodide
Concen: 2.72 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Tgt Ion:142 Resp: 487
Ion Ratio Lower Upper
142 100
127 15.2 37.9 56.9#
141 0.0 11.5 17.3#

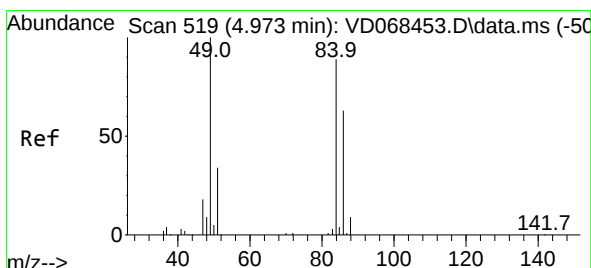
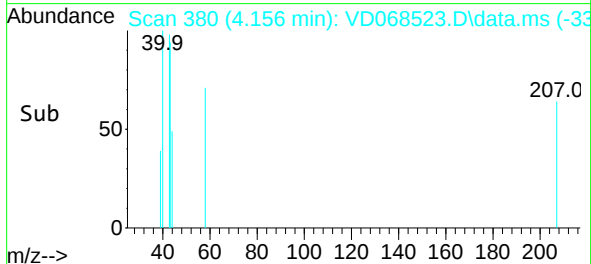
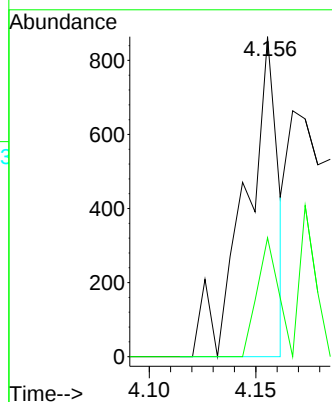
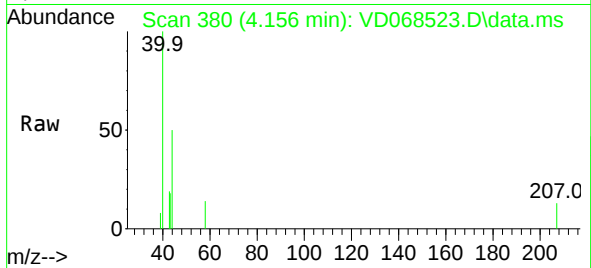




#16
Acetone
Concen: 1.61 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

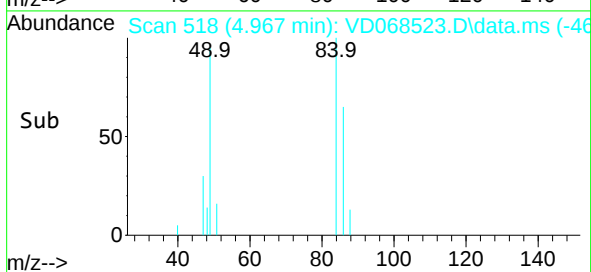
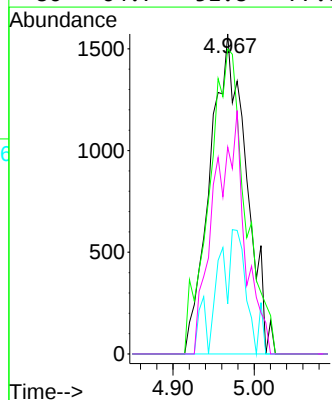
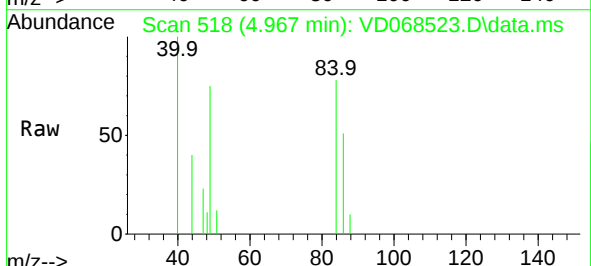
Instrument :
MSVOA_D
ClientSampled :

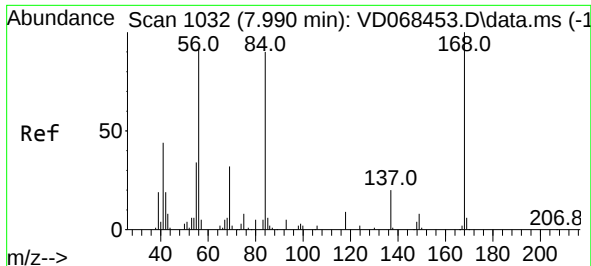
Tgt Ion: 43 Resp: 930
Ion Ratio Lower Upper
43 100
58 37.2 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 84 Resp: 4862
Ion Ratio Lower Upper
84 100
49 95.3 77.4 116.2
51 15.6 26.1 39.1#
86 64.7 51.8 77.8

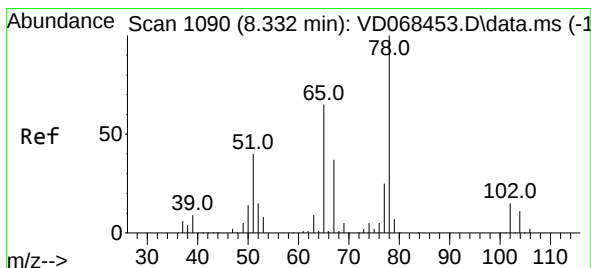
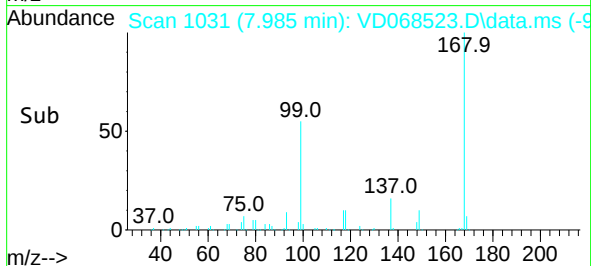
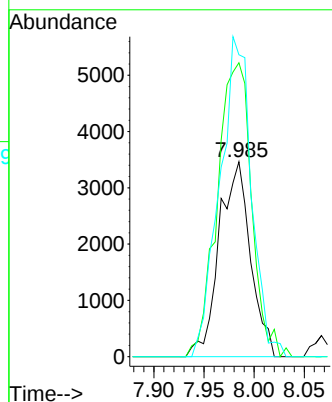
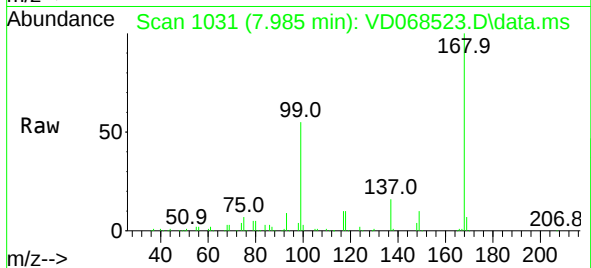




#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

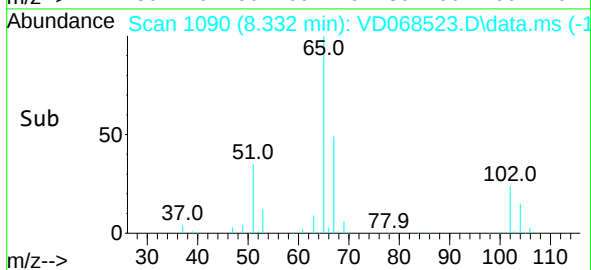
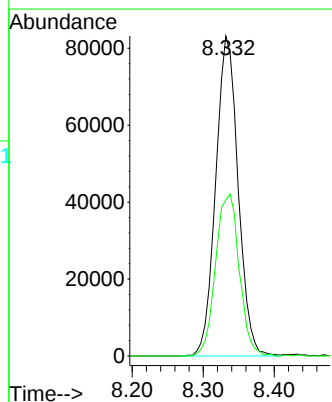
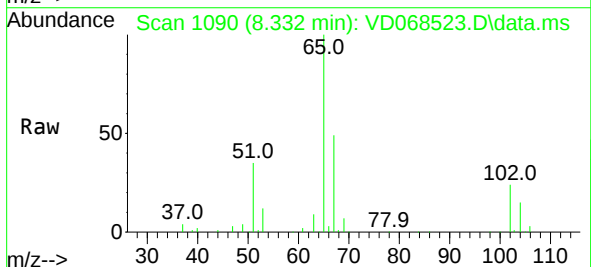
Instrument :
MSVOA_D
ClientSampleId :

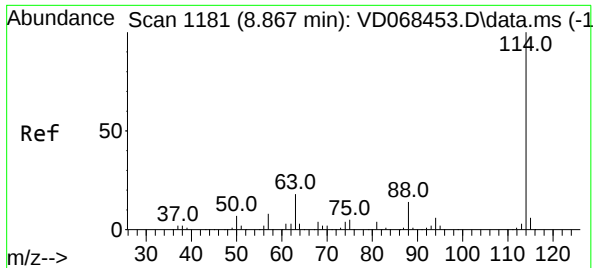
Tgt Ion: 56 Resp: 7514
Ion Ratio Lower Upper
56 100
69 150.8 30.1 45.1#
84 154.9 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 50.12 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 65 Resp: 182072
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0

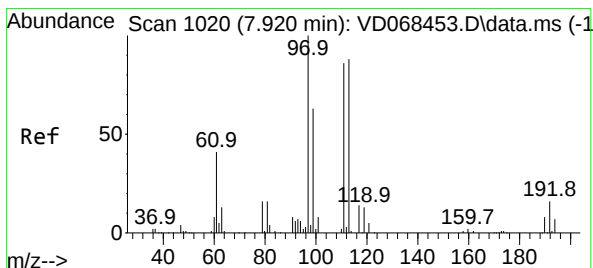
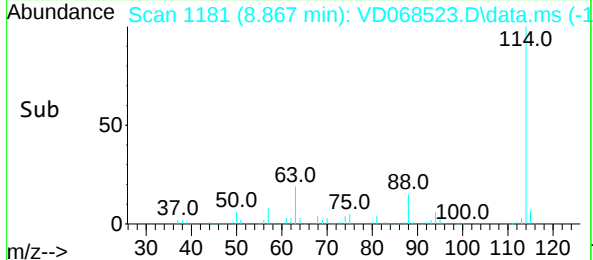
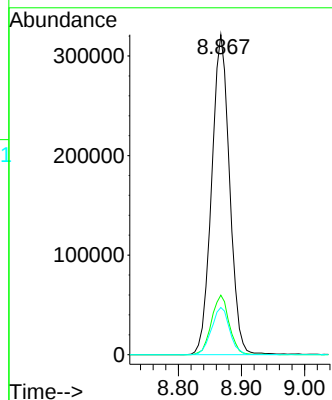
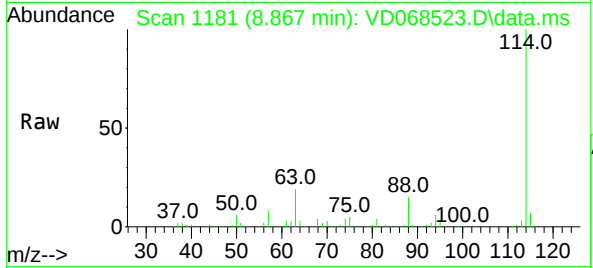




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

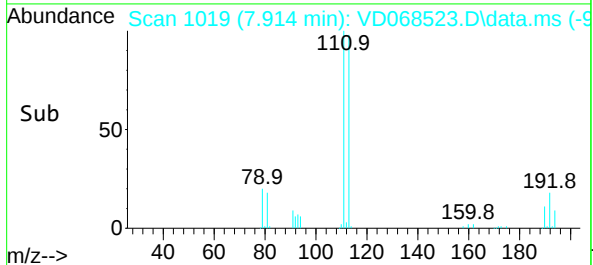
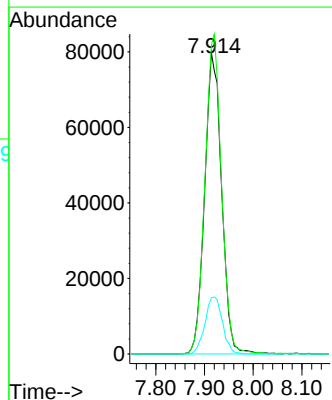
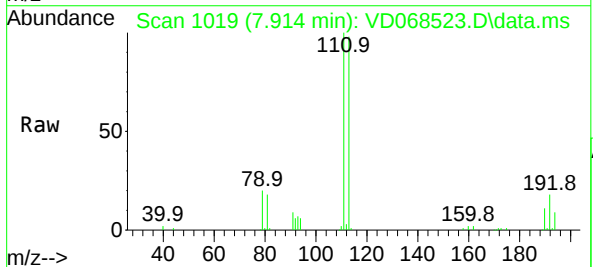
Instrument :
MSVOA_D
ClientSampled :

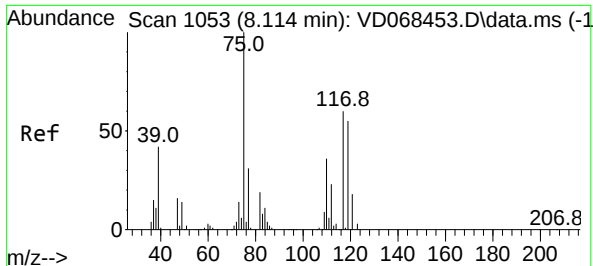
Tgt Ion:114 Resp: 633934
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.8
88 14.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.46 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Tgt Ion:113 Resp: 192712
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 19.5 16.1 24.1

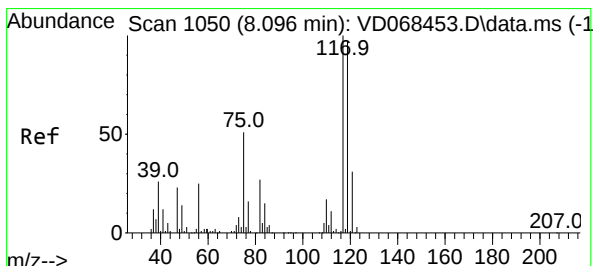
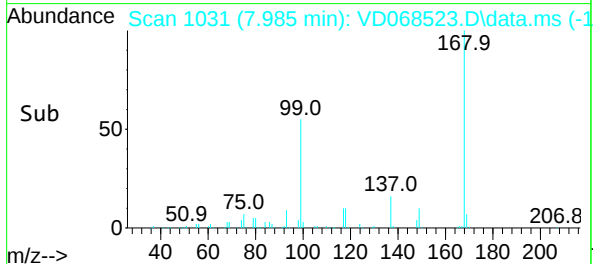
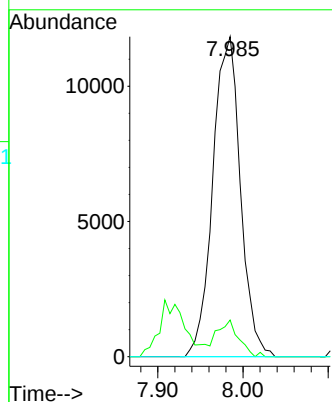
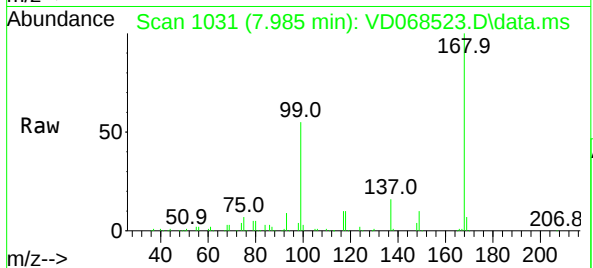




#36
1,1-Dichloropropene
Concen: 4.42 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

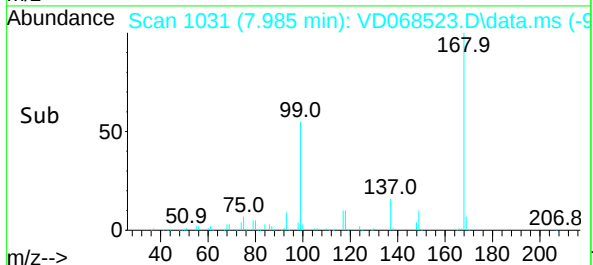
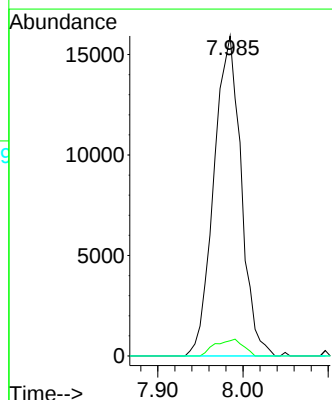
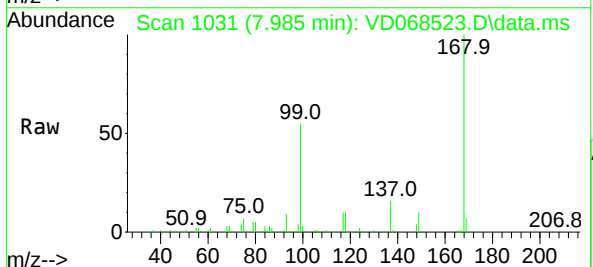
Instrument :
MSVOA_D
ClientSampled :

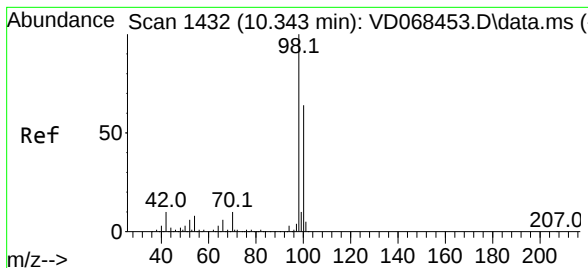
Tgt Ion: 75 Resp: 26628
Ion Ratio Lower Upper
75 100
110 9.9 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 117 Resp: 35354
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.7 37.1#

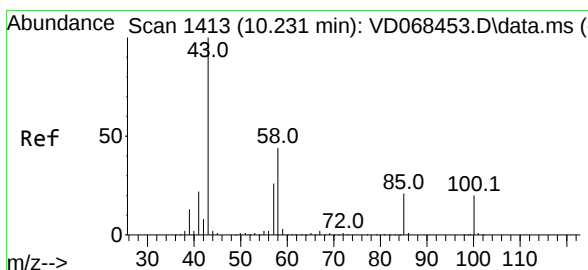
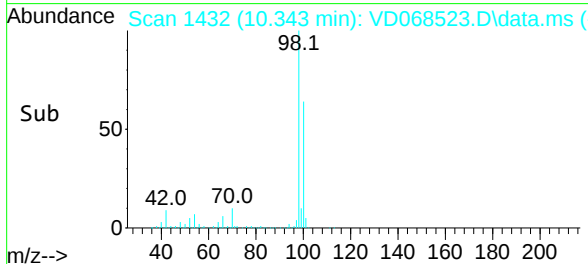
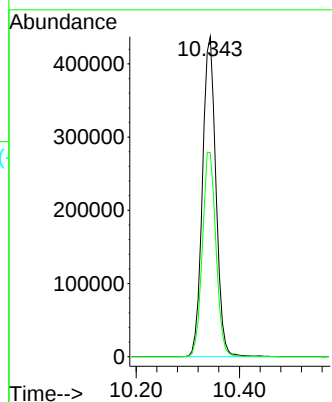
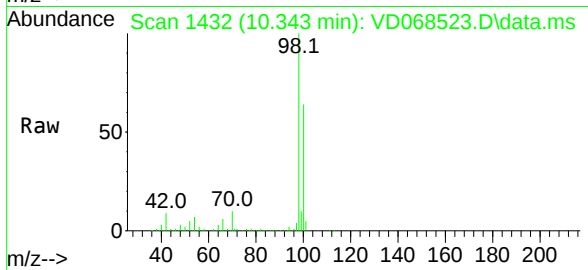




#50
Toluene-d8
Concen: 51.95 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

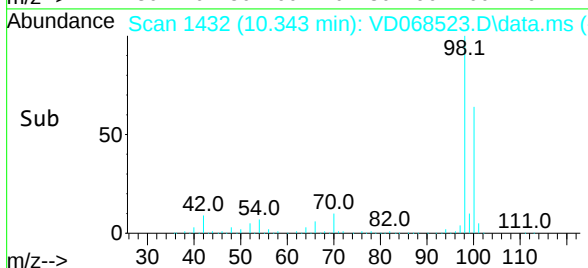
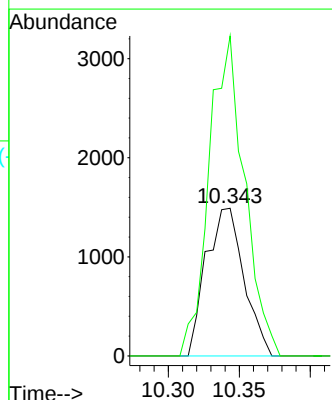
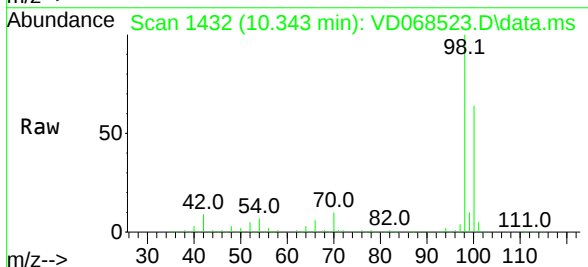
Instrument :
MSVOA_D
ClientSampleId :

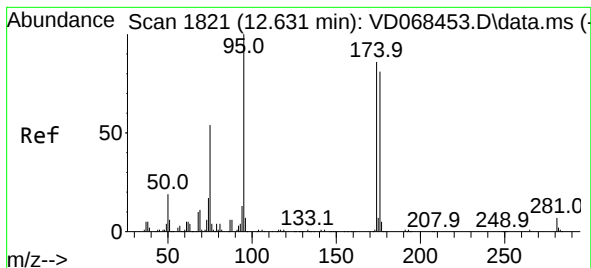
Tgt Ion: 98 Resp: 790184
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.43 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 43 Resp: 2753
Ion Ratio Lower Upper
43 100
58 203.6 36.1 54.1#

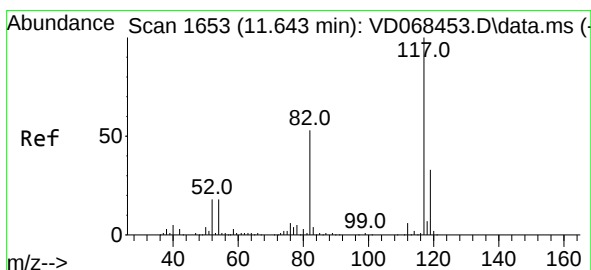
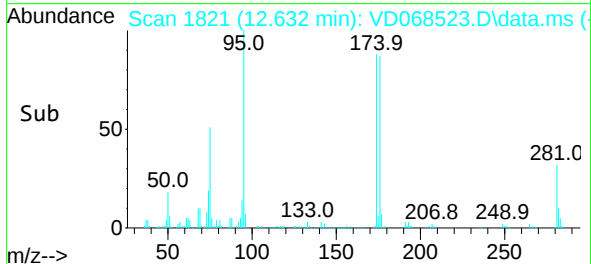
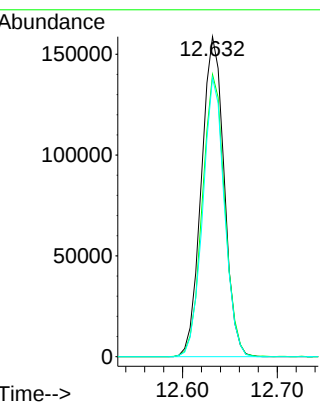
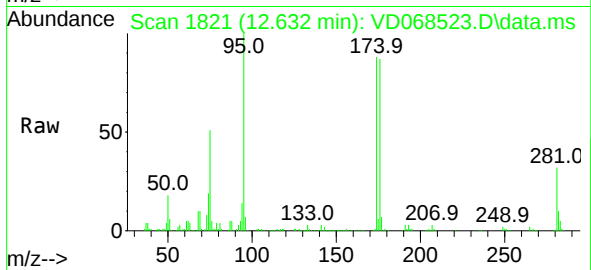




#62
4-Bromofluorobenzene
Concen: 53.91 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

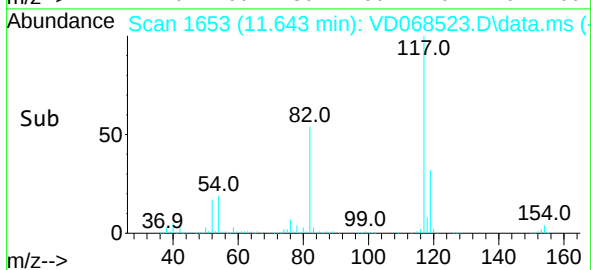
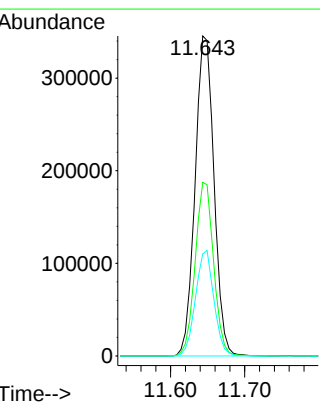
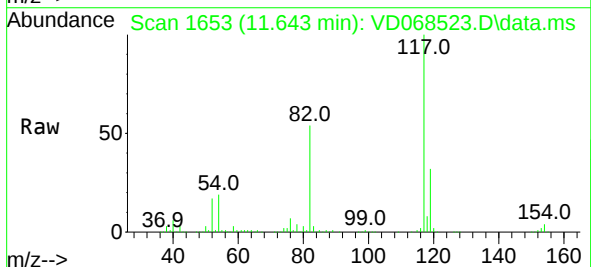
Instrument :
MSVOA_D
ClientSampleId :

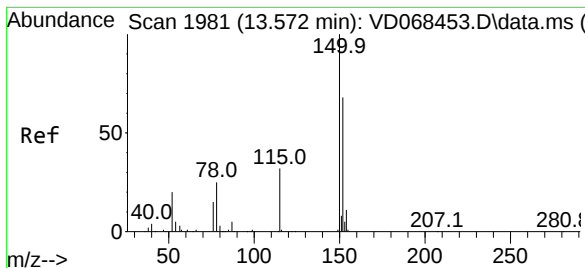
Tgt Ion: 95 Resp: 264293
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.4
176 82.9 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 117 Resp: 612706
Ion Ratio Lower Upper
117 100
82 54.3 41.4 62.0
119 31.9 26.1 39.1

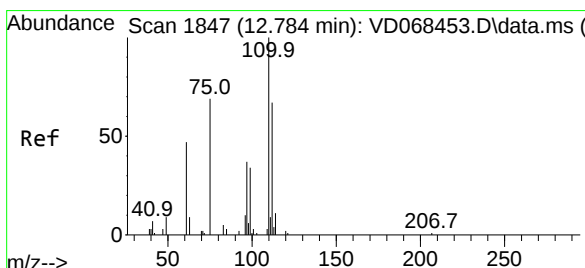
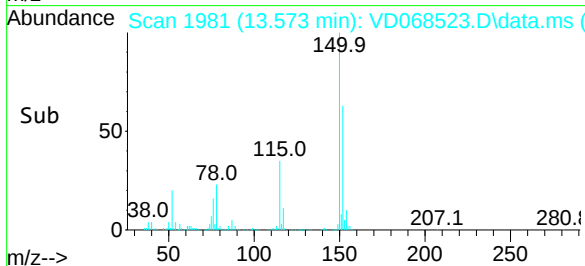
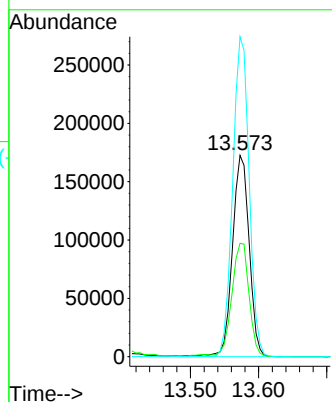
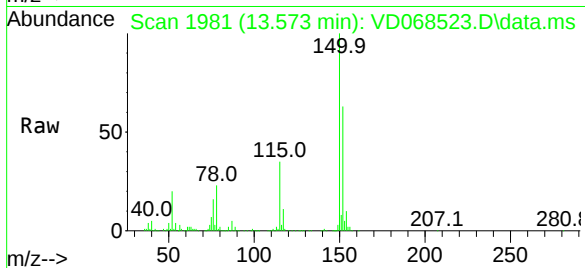




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

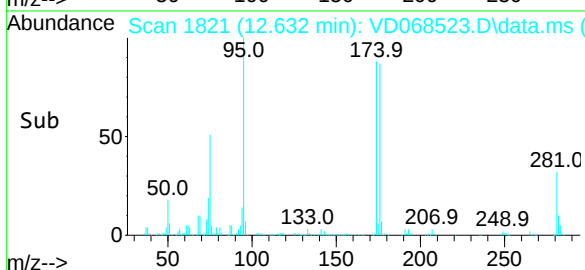
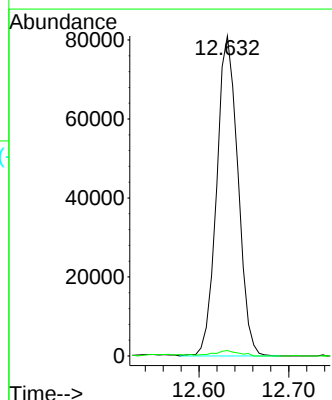
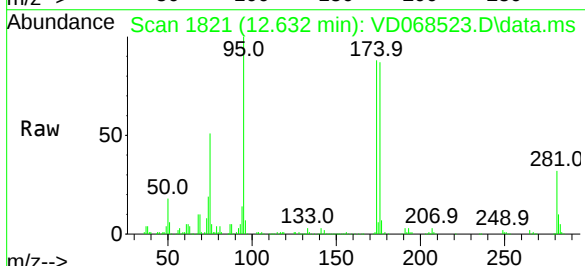
Instrument :
MSVOA_D
ClientSampleId :

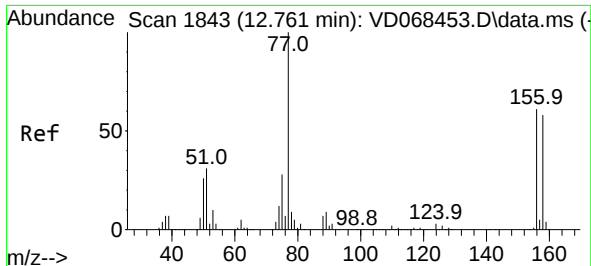
Tgt Ion:152 Resp: 295099
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 155.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 50.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 75 Resp: 133194
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#

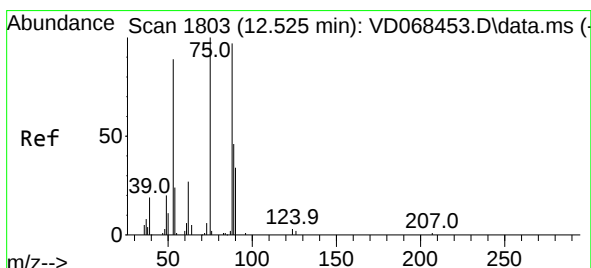
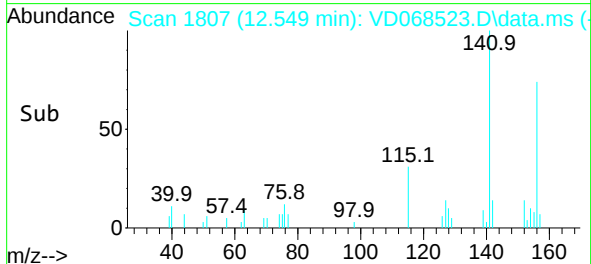
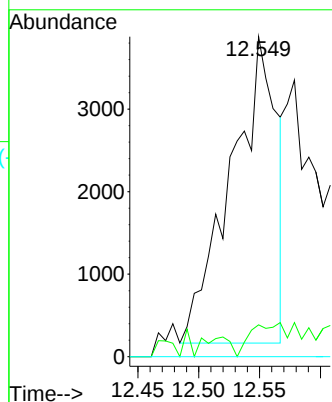
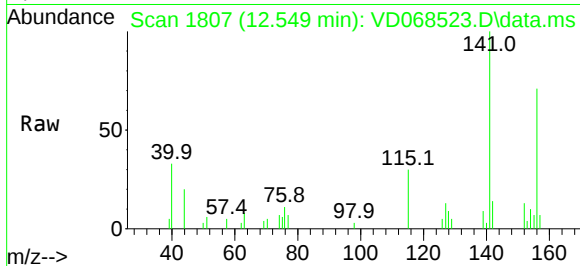




#77
Bromobenzene
Concen: 1.94 ug/l
RT: 12.549 min Scan# 1807
Delta R.T. -0.212 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

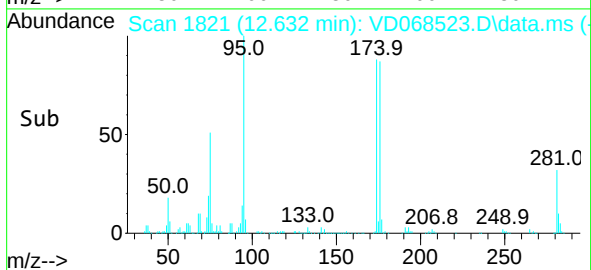
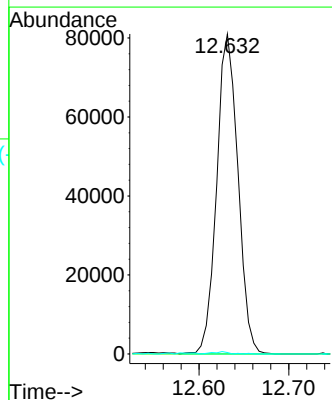
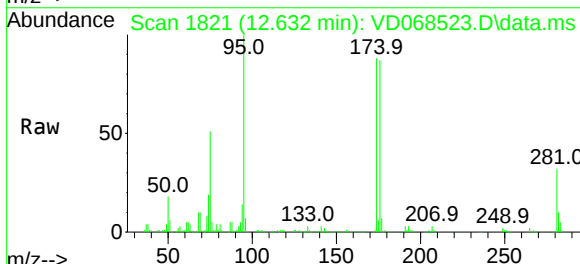
Instrument :
MSVOA_D
ClientSampled :

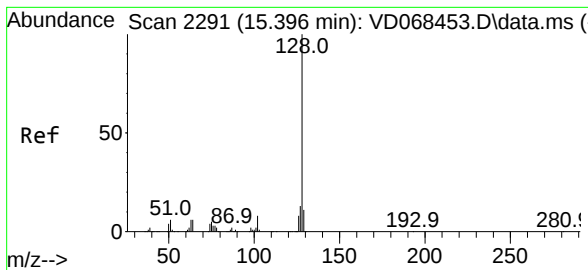
Tgt Ion:156 Resp: 9679
Ion Ratio Lower Upper
156 100
77 8.1 82.8 248.3#
158 0.0 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 75 Resp: 133194
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.6 40.3 60.5#





#95
Naphthalene
Concen: 2.15 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 24920
Ion Ratio Lower Upper
128 100
127 11.4 10.2 15.2
129 9.2 8.8 13.2

