

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068257.D
 Acq On : 03 Feb 2021 12:45
 Operator : VA/SY
 Sample : M1292-0-1
 Misc : 8.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 03 23:40:26 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	475425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	831211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	718279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	277067	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	259565	57.07	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.14%
35) Dibromofluoromethane	7.920	113	248244	54.02	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.04%
50) Toluene-d8	10.343	98	1014423	55.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.38%
62) 4-Bromofluorobenzene	12.632	95	305811	46.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.40%

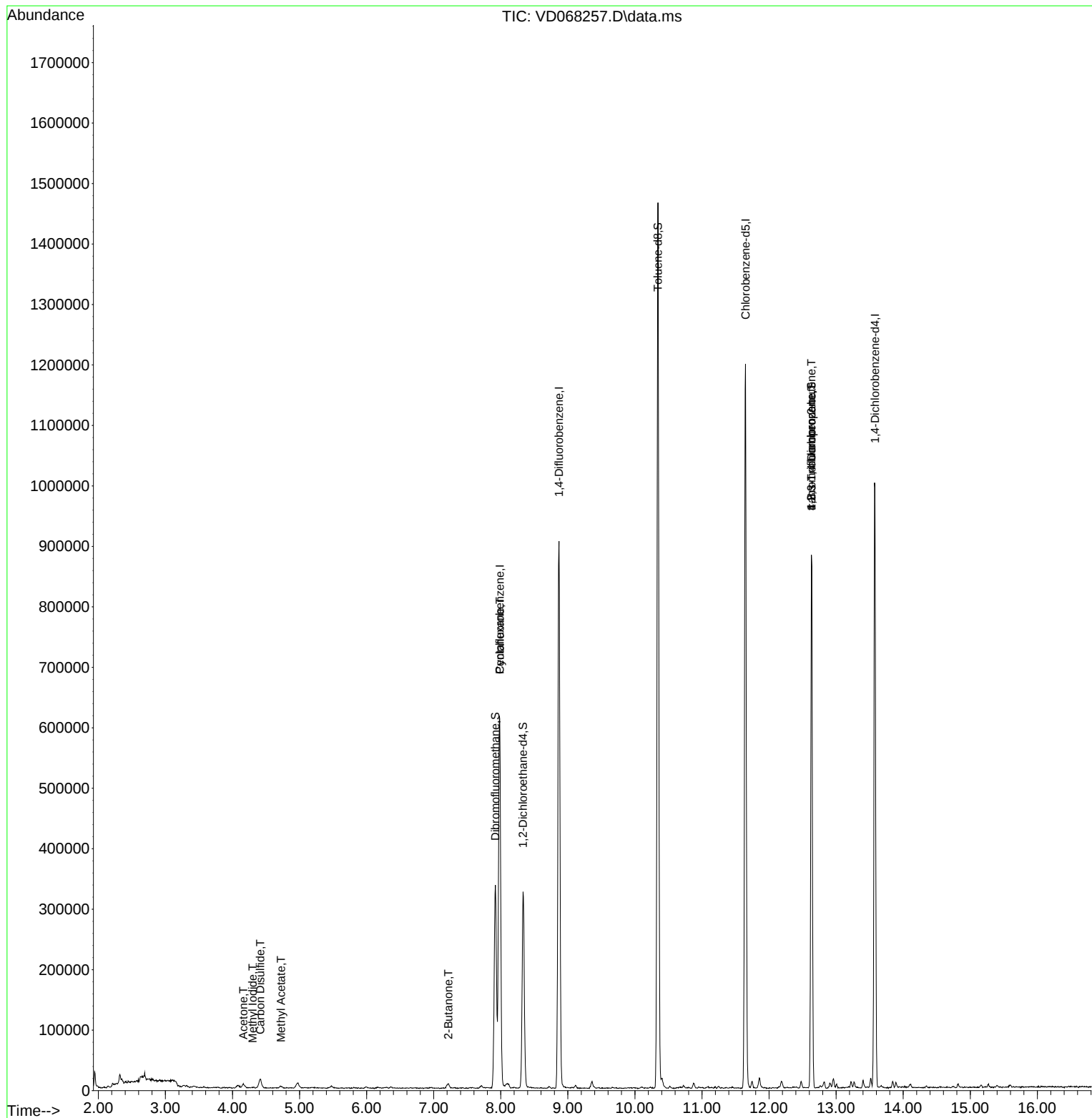
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.303	142	2162	3.51	ug/l #	39
11) Tert butyl alcohol	5.214	59	317	Below Cal	#	74
16) Acetone	4.161	43	12733	15.68	ug/l	98
17) Carbon Disulfide	4.414	76	32526	1.94	ug/l	99
18) Methyl Acetate	4.726	43	3255	1.54	ug/l #	66
20) Methylene Chloride	4.967	84	6514	Below Cal	#	93
25) 2-Butanone	7.220	43	3931	3.21	ug/l #	76
31) Cyclohexane	7.985	56	13776	1.40	ug/l #	61
76) 1,2,3-Trichloropropane	12.632	75	154987	57.85	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	154987	117.07	ug/l #	13

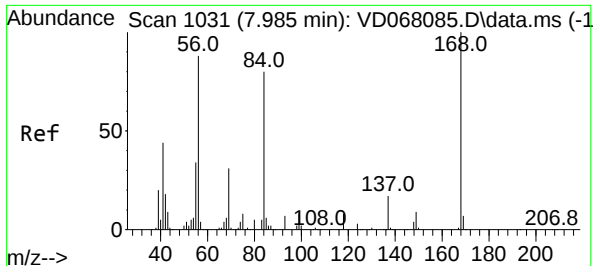
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 03 23:40:26 2021
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Quant Title : SW846 8260
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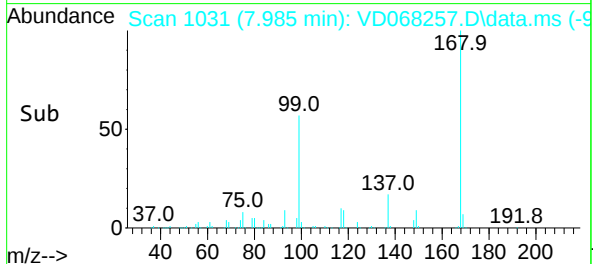
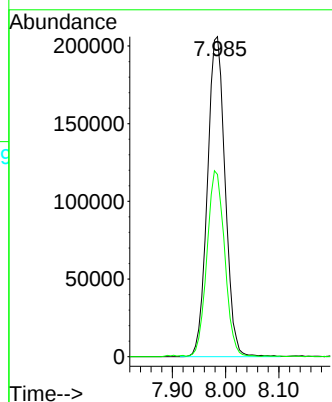
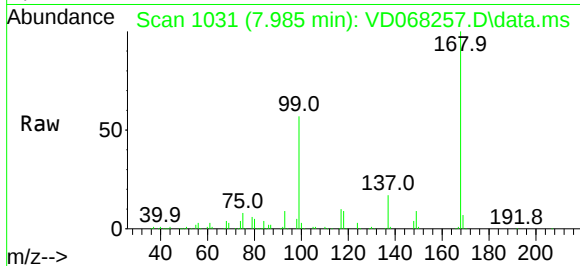




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

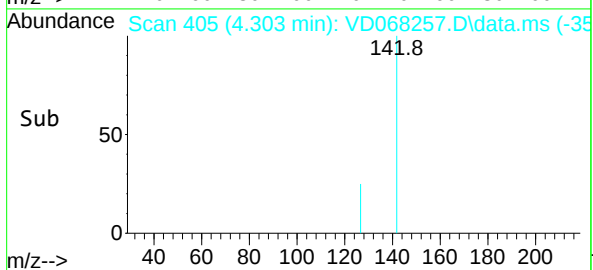
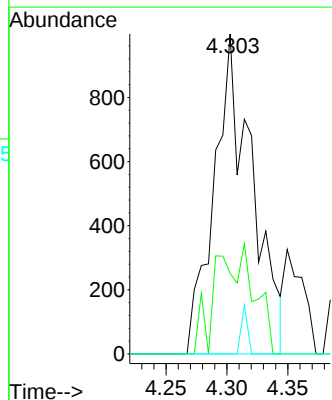
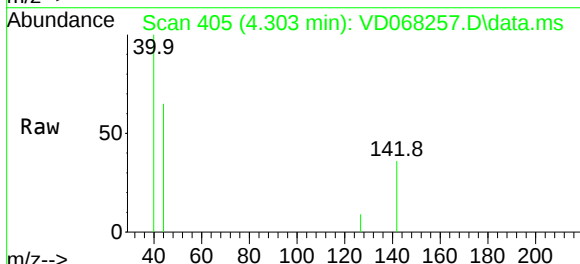
Instrument :
MSVOA_D
ClientSampled :

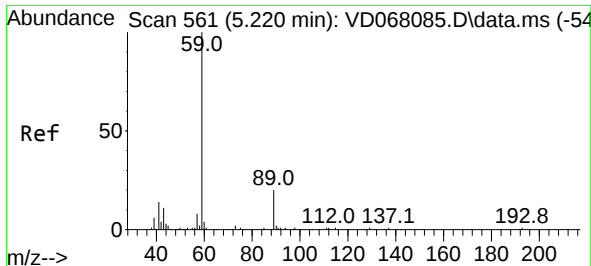
Tgt Ion:168 Resp: 475425
Ion Ratio Lower Upper
168 100
99 56.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.51 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

Tgt Ion:142 Resp: 2162
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 2.5 11.5 17.3#



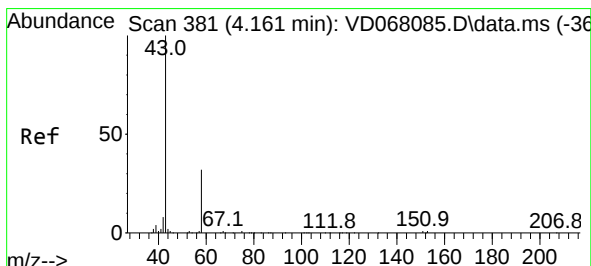
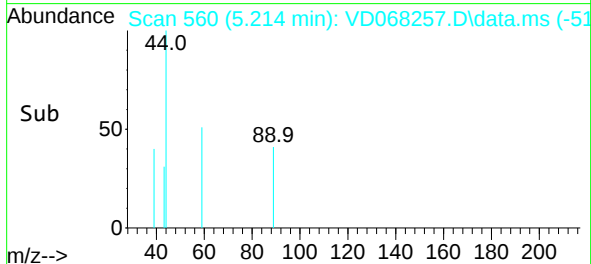
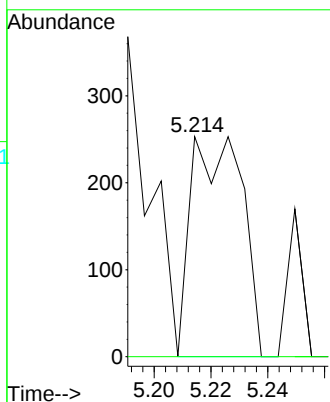
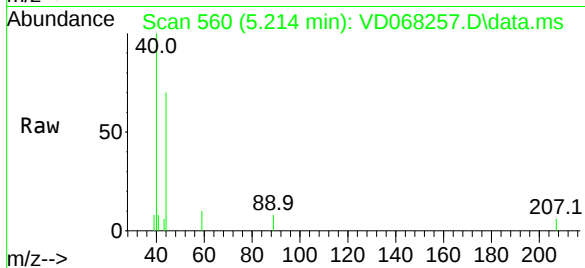


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

Instrument :
MSVOA_D
ClientSampleId :

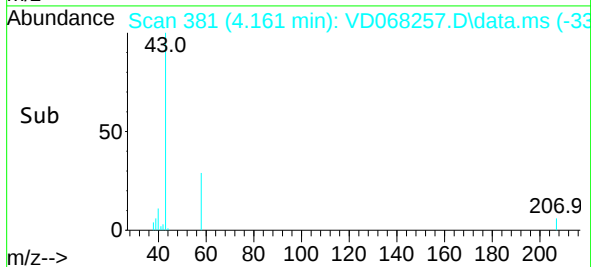
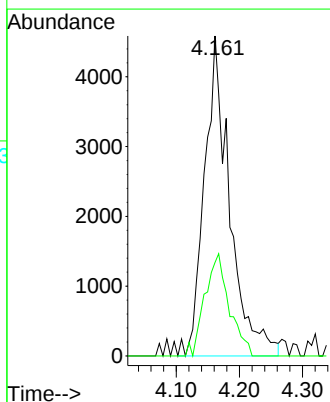
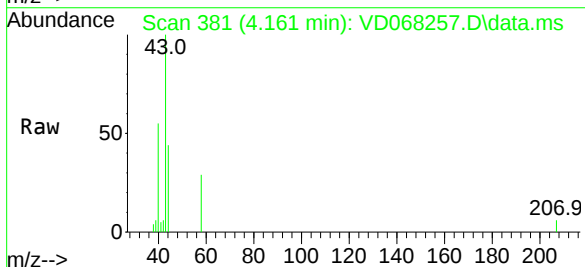
Tgt Ion: 59 Resp: 317
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

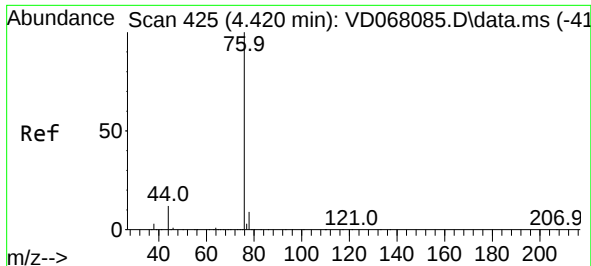


#16

Acetone
Concen: 15.68 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

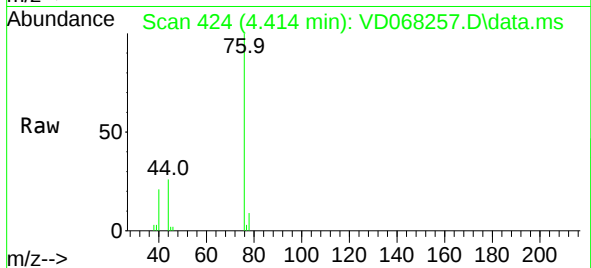
Tgt Ion: 43 Resp: 12733
Ion Ratio Lower Upper
43 100
58 29.2 24.2 36.4



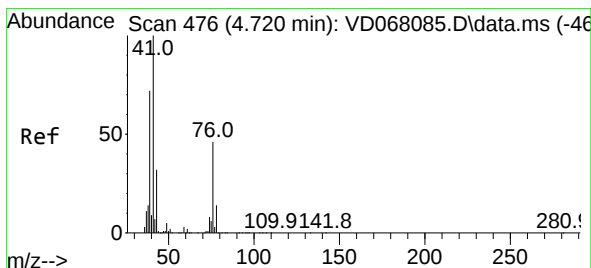
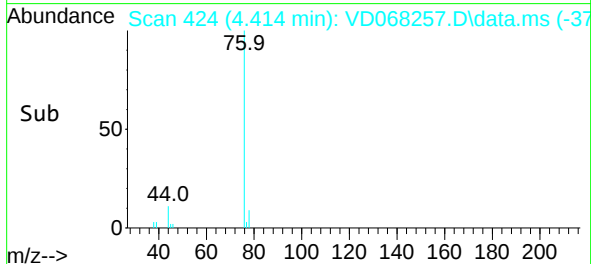
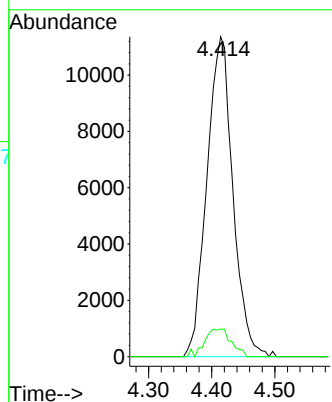


#17
Carbon Disulfide
Concen: 1.94 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.006 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

Instrument :
MSVOA_D
ClientSampled :

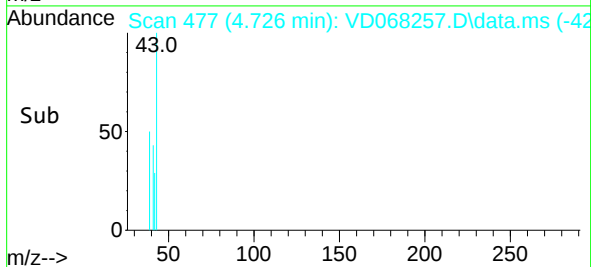
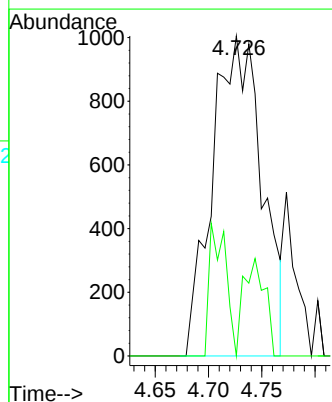
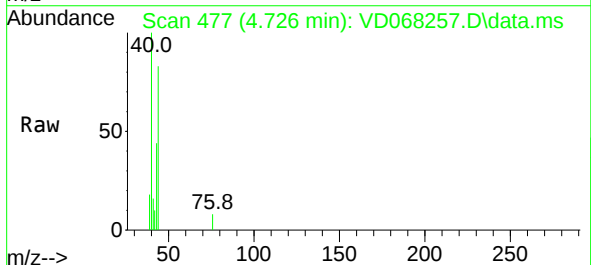


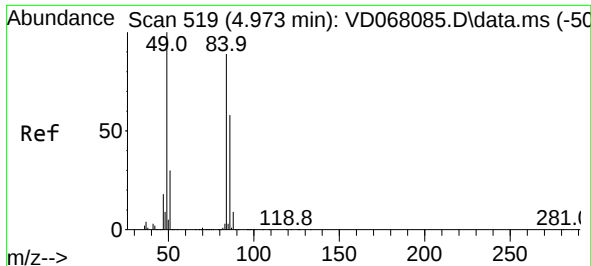
Tgt Ion: 76 Resp: 32526
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 1.54 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

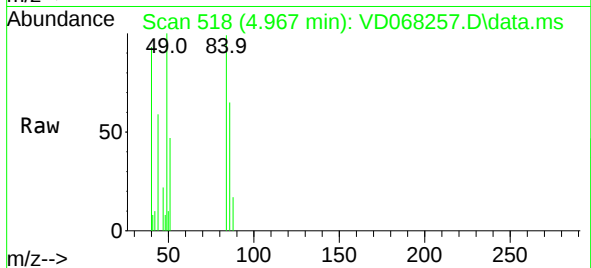
Tgt Ion: 43 Resp: 3255
Ion Ratio Lower Upper
43 100
74 13.1 25.4 38.0#



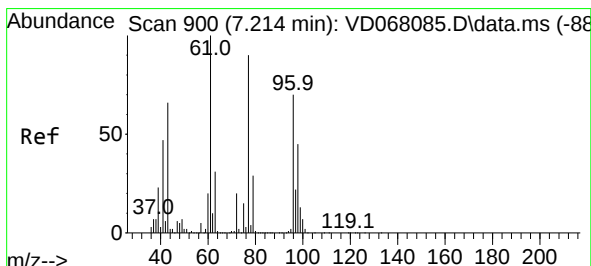
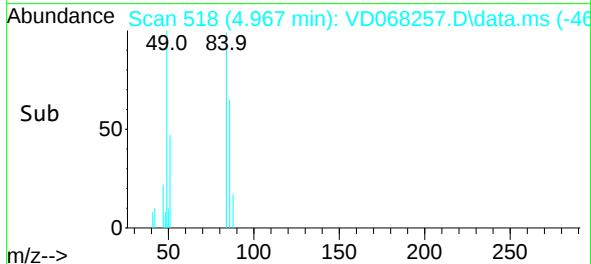
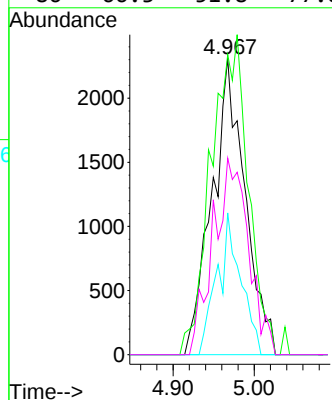


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

Instrument :
MSVOA_D
ClientSampled :

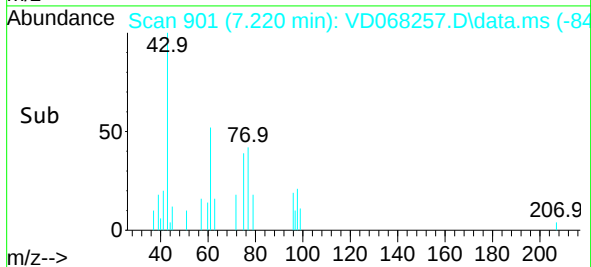
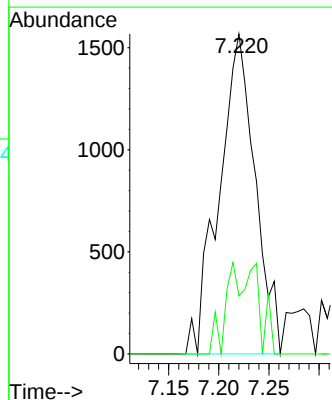
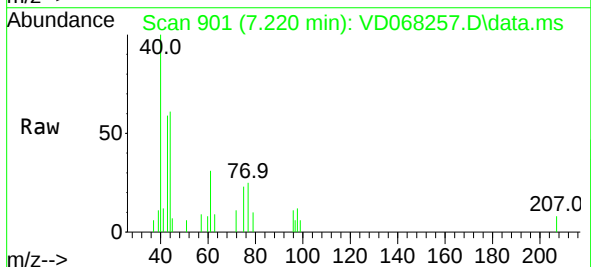


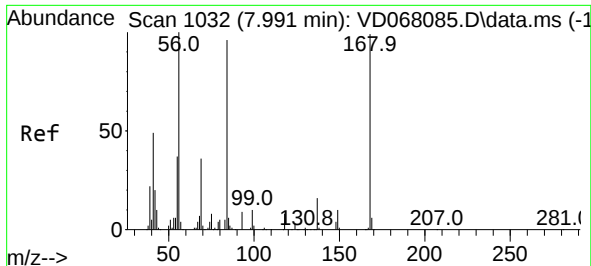
Tgt Ion: 84 Resp: 6514
Ion Ratio Lower Upper
84 100
49 101.3 77.4 116.2
51 47.8 26.1 39.1#
86 66.3 51.8 77.8



#25
2-Butanone
Concen: 3.21 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

Tgt Ion: 43 Resp: 3931
Ion Ratio Lower Upper
43 100
72 18.2 25.1 37.7#

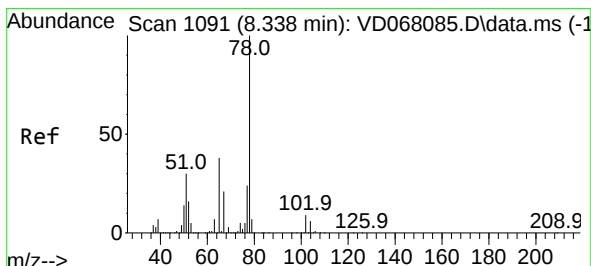
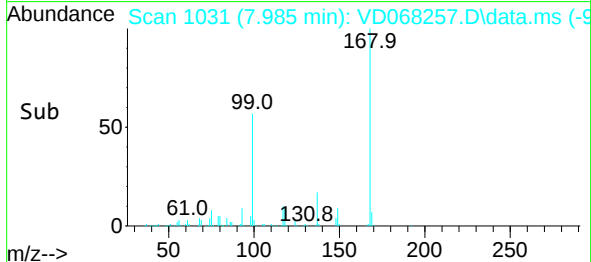
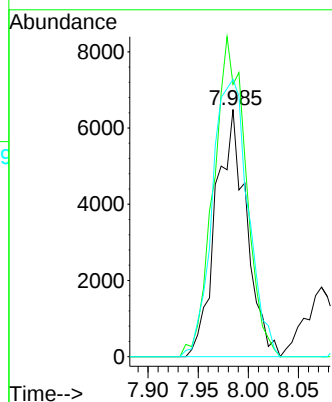
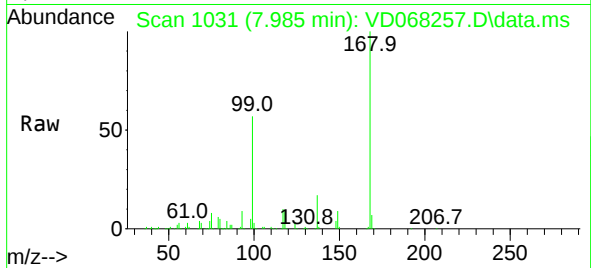




#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

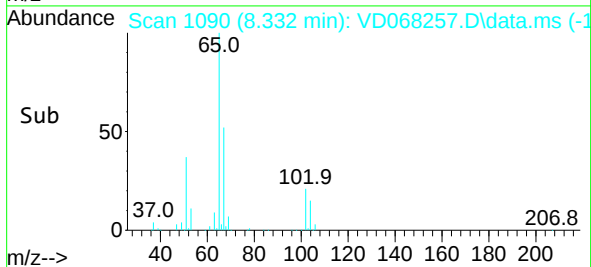
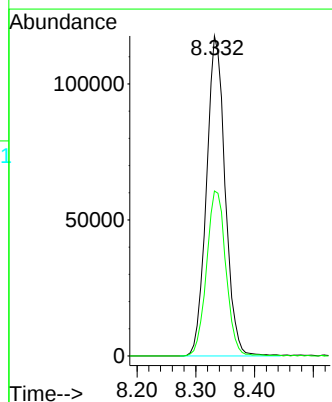
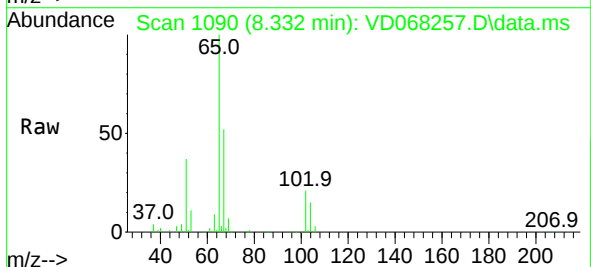
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ClientSampleId :

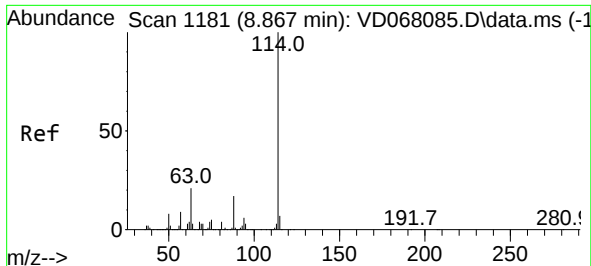
Tgt Ion: 56 Resp: 13776
Ion Ratio Lower Upper
56 100
69 110.2 30.1 45.1#
84 112.2 82.1 123.1



#33
1,2-Dichloroethane-d4
Concen: 57.07 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

Tgt Ion: 65 Resp: 259565
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0

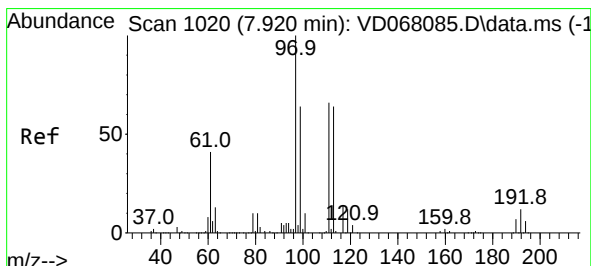
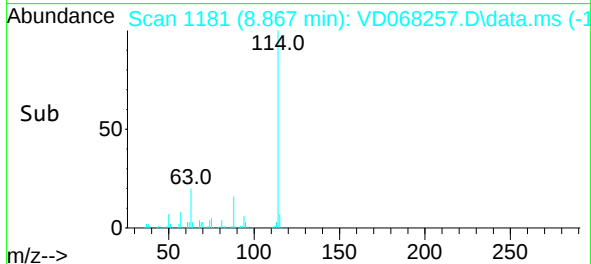
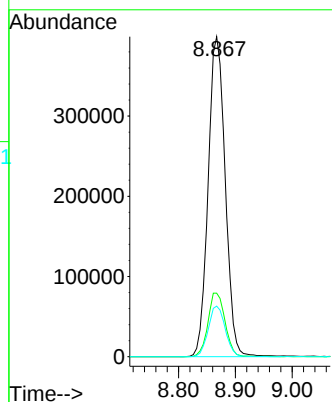
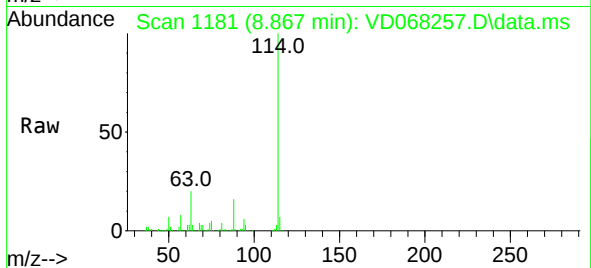




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

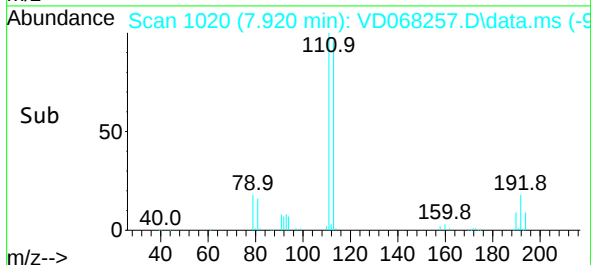
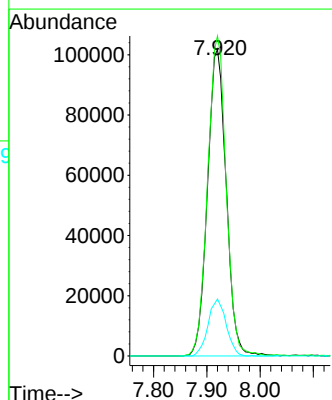
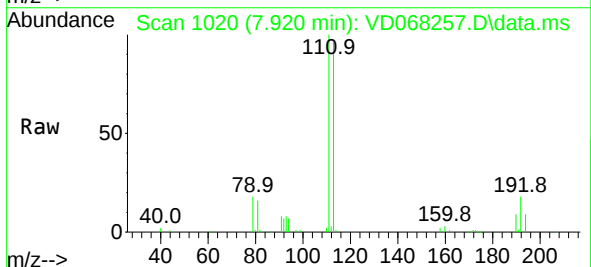
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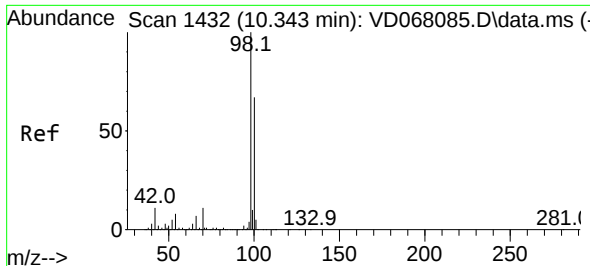
Tgt Ion:114 Resp: 831211
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.8
88 15.8 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.02 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

Tgt Ion:113 Resp: 248244
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 17.9 16.1 24.1

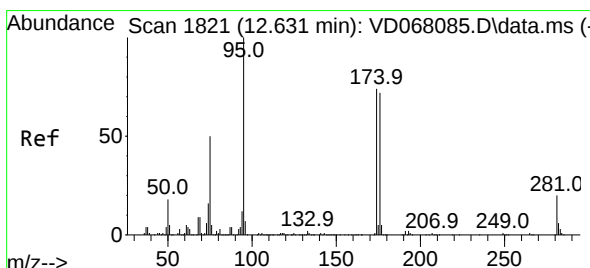
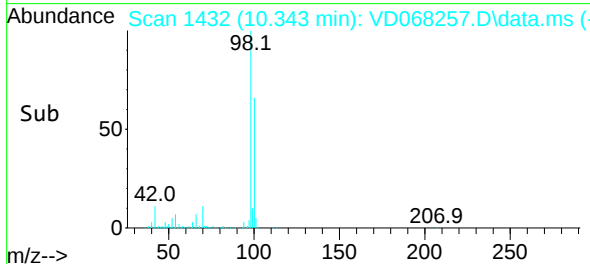
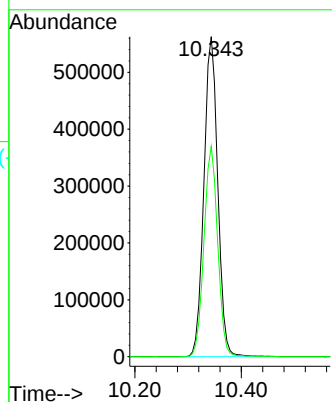
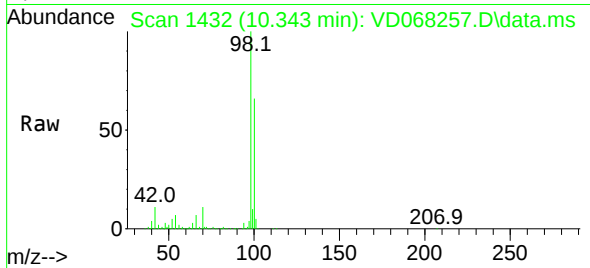




#50
Toluene-d8
Concen: 55.19 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

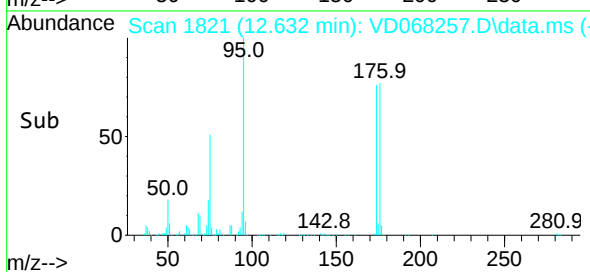
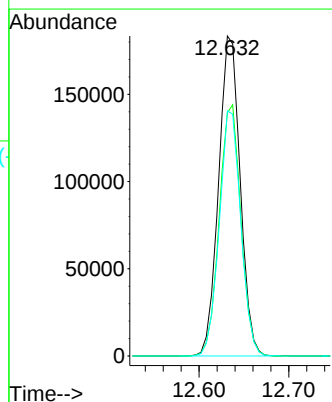
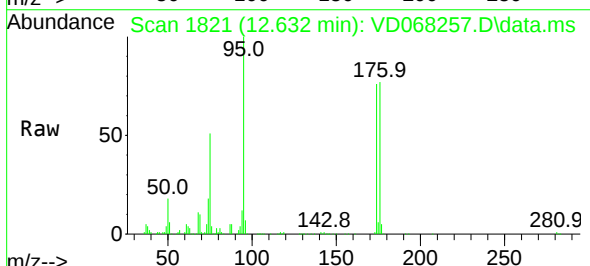
Instrument :
MSVOA_D
ClientSampled :

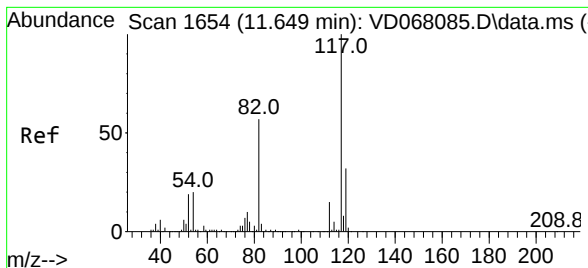
Tgt Ion: 98 Resp: 1014423
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 46.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

Tgt Ion: 95 Resp: 305811
Ion Ratio Lower Upper
95 100
174 78.7 0.0 172.4
176 76.3 0.0 168.4

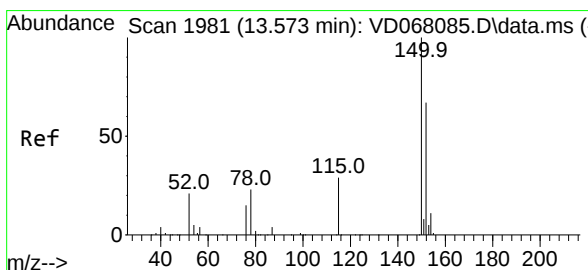
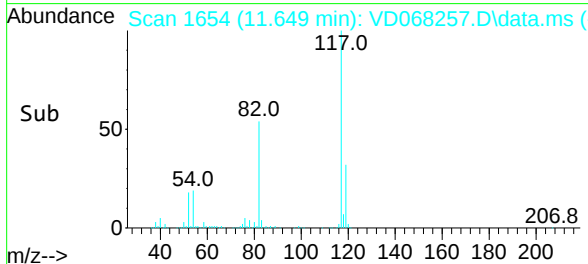
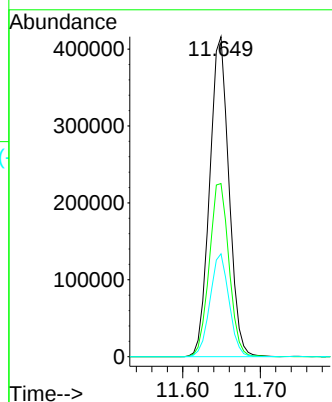
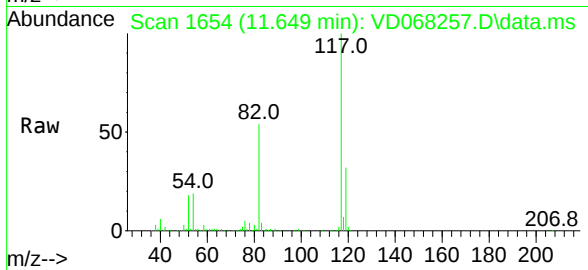




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

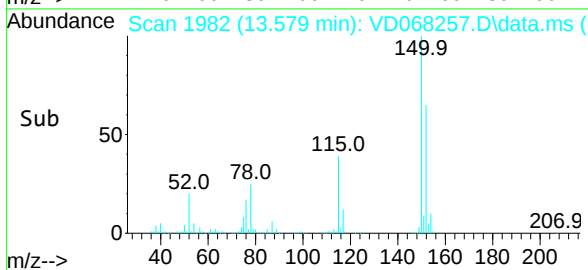
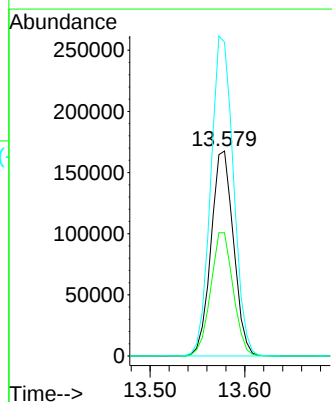
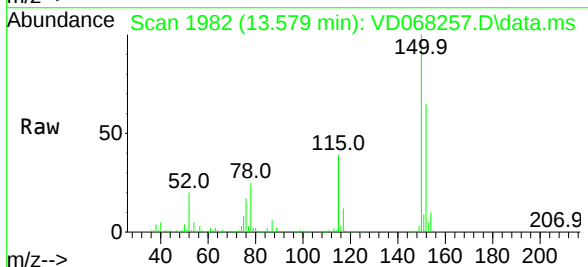
Instrument :
MSVOA_D
ClientSampleId :

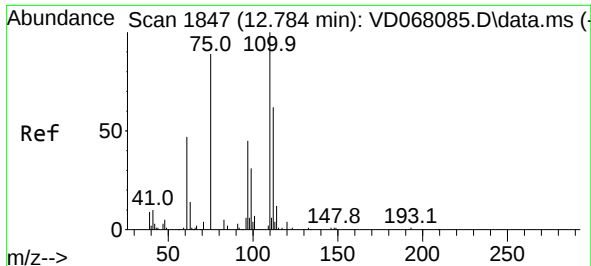
Tgt Ion:117 Resp: 718279
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.0
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

Tgt Ion:152 Resp: 277067
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 157.5 0.0 344.4

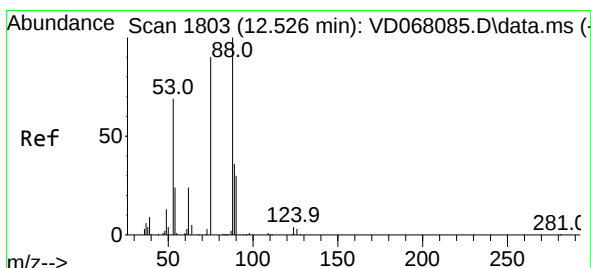
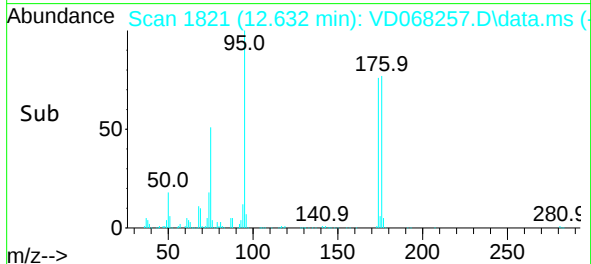
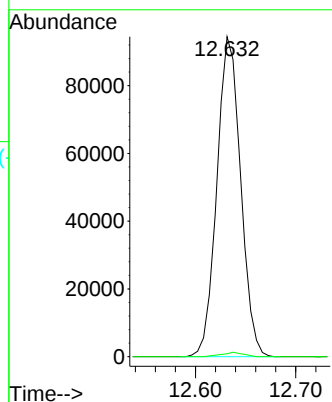
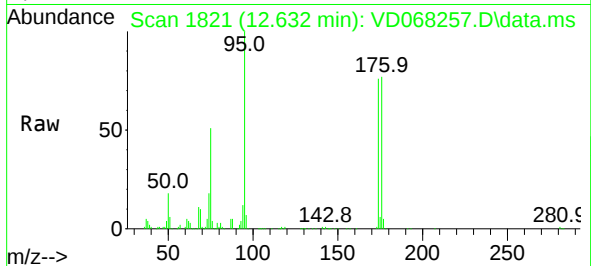




#76
1,2,3-Trichloropropane
Concen: 57.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 154987
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068257.D
Acq: 03 Feb 2021 12:45

Tgt Ion: 75 Resp: 154987
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

