

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068221.D
 Acq On : 28 Jan 2021 14:18
 Operator : VA/SY
 Sample : M1255-01
 Misc : 5.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CRT-3

Quant Time: Jan 29 00:08:54 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)

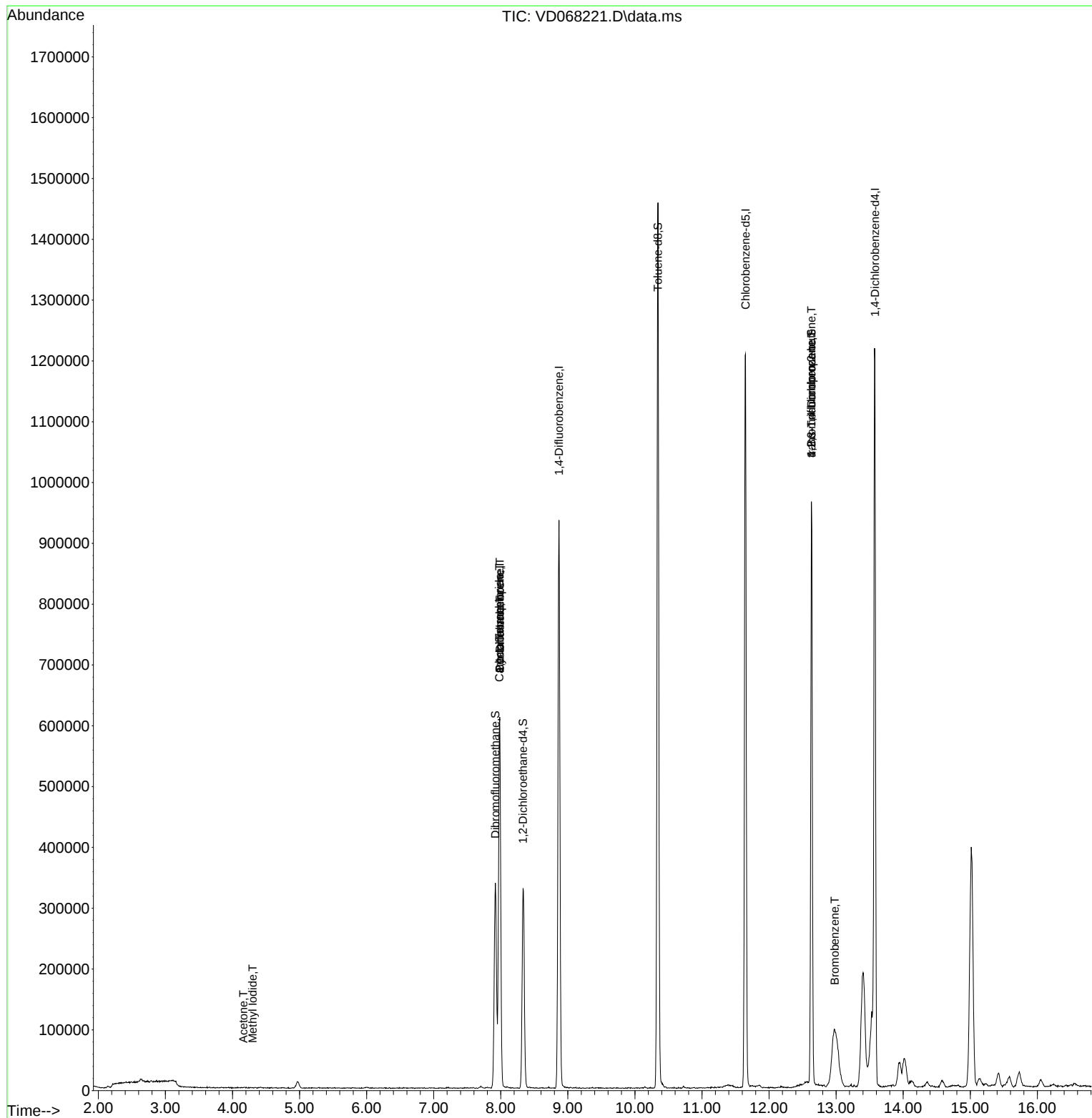
Internal Standards						
1) Pentafluorobenzene	7.985	168	466118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	829963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	740870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	334755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	270071	60.57	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.14%
35) Dibromofluoromethane	7.920	113	249151	54.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.60%
50) Toluene-d8	10.344	98	1027982	56.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.02%
62) 4-Bromofluorobenzene	12.632	95	331750	50.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.38%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	195	3.19	ug/l #	38
11) Tert butyl alcohol	5.220	59	58	Below Cal	#	74
16) Acetone	4.162	43	1575	1.98	ug/l	94
20) Methylene Chloride	4.979	84	8679	Below Cal	#	91
31) Cyclohexane	7.985	56	10295	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	37820	4.52	ug/l #	46
38) Carbon Tetrachloride	7.979	117	47314	6.04	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	165715	51.20	ug/l #	100
77) Bromobenzene	12.979	156	127559	21.36	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.632	75	165715	103.60	ug/l #	13

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

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MSVOA_D
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Quant Time: Jan 29 00:08:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

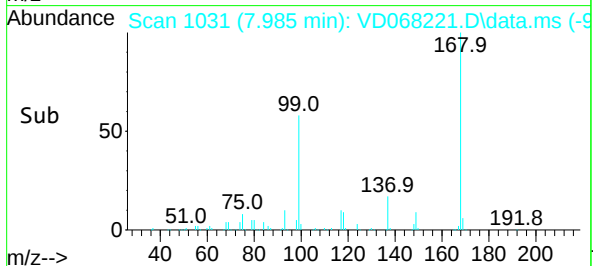
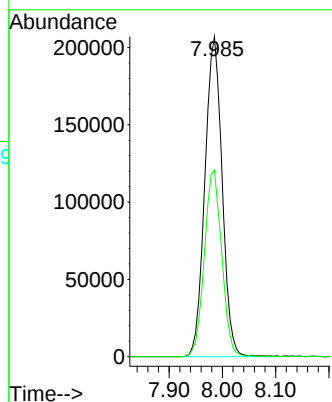
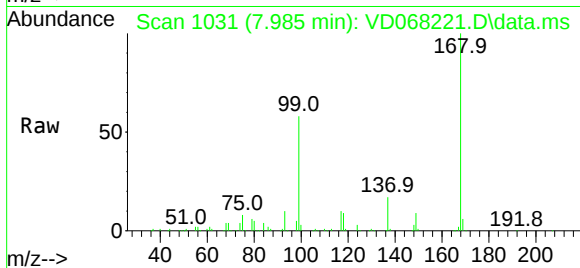




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

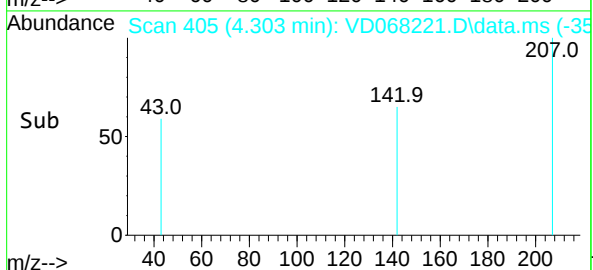
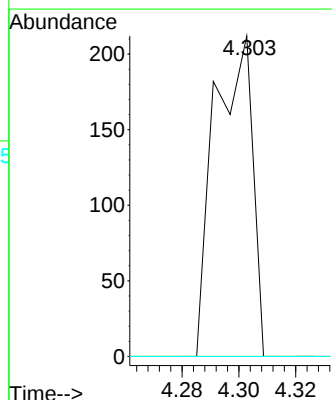
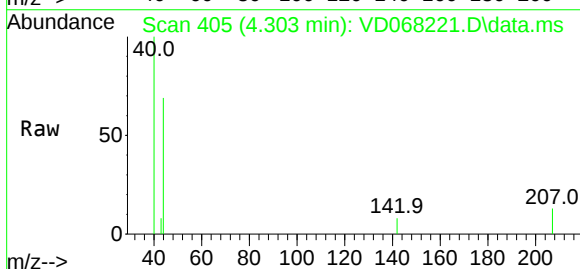
Instrument :
MSVOA_D
ClientSampleId :
CRT-3

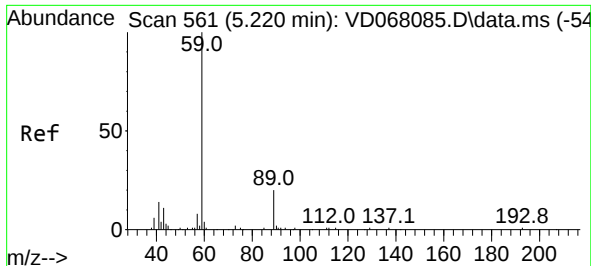
Tgt Ion:168 Resp: 466118
Ion Ratio Lower Upper
168 100
99 58.3 43.5 65.3



#10
Methyl Iodide
Concen: 3.19 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

Tgt Ion:142 Resp: 195
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

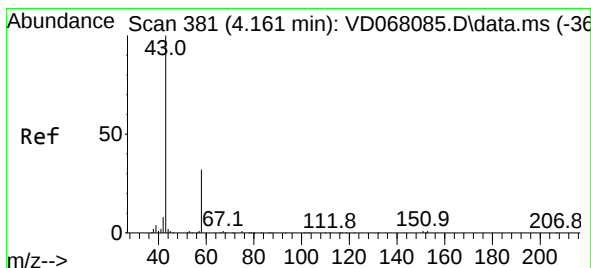
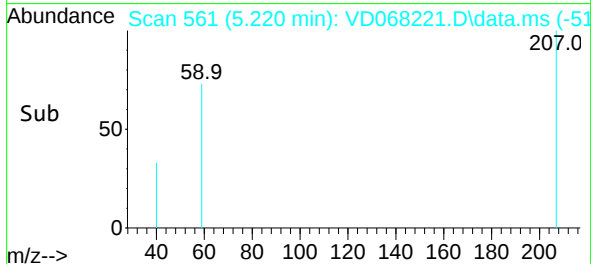
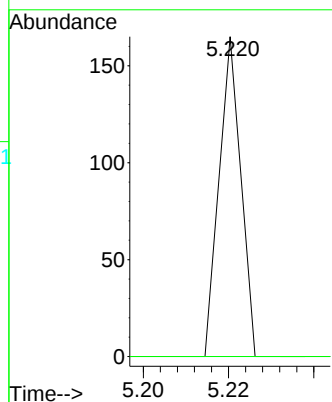
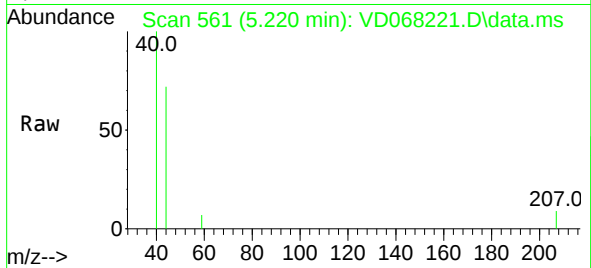




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

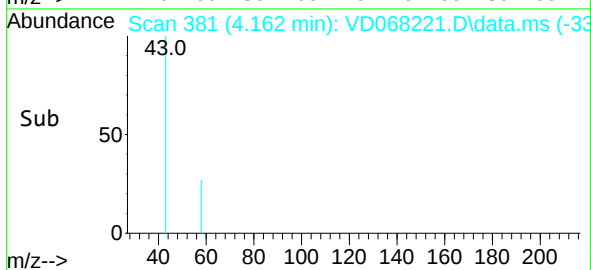
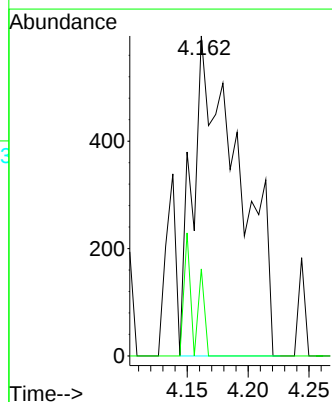
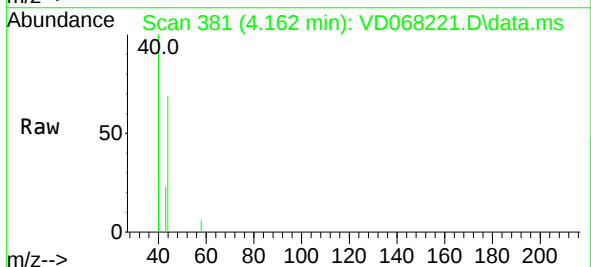
Instrument :
MSVOA_D
ClientSampleId :
CRT-3

Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 1.98 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

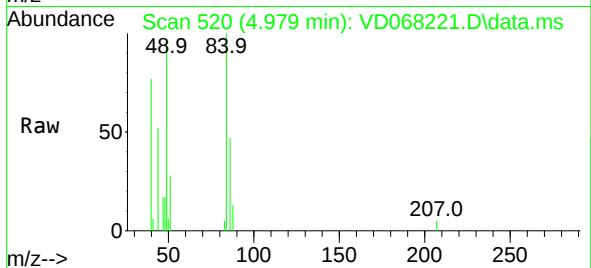
Tgt Ion: 43 Resp: 1575
Ion Ratio Lower Upper
43 100
58 27.2 24.2 36.4



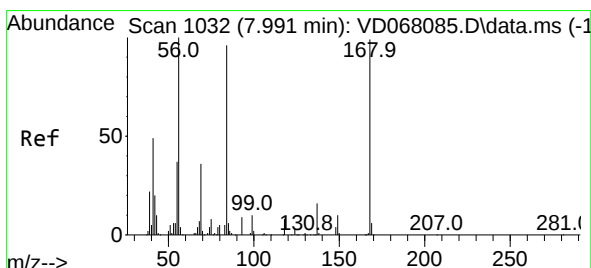
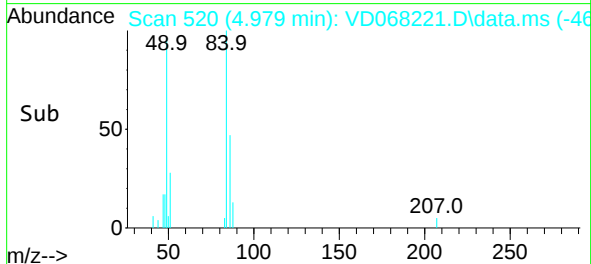
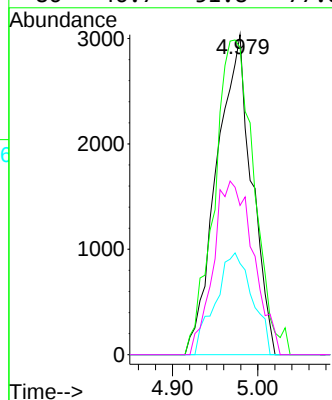


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

Instrument :
MSVOA_D
ClientSampleId :
CRT-3

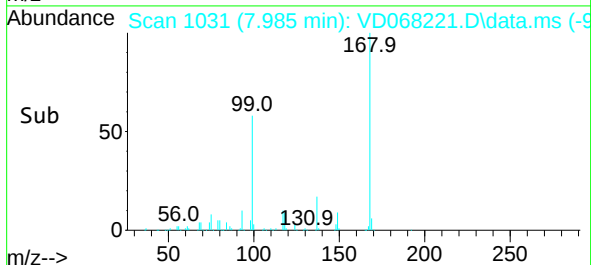
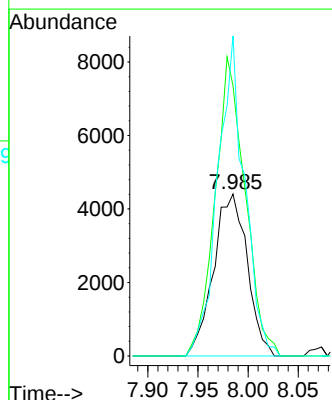
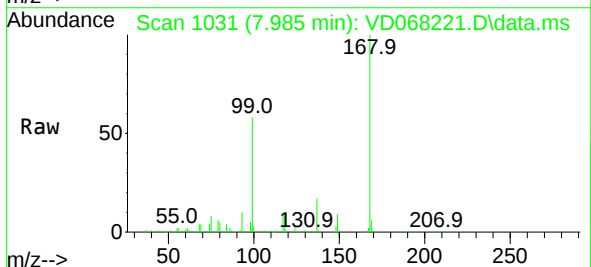


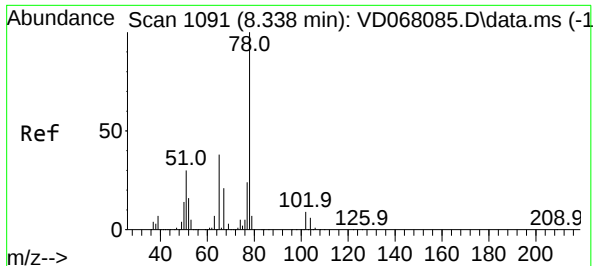
Tgt Ion: 84 Resp: 8679
Ion Ratio Lower Upper
84 100
49 96.0 77.4 116.2
51 28.5 26.1 39.1
86 46.7 51.8 77.8#



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

Tgt Ion: 56 Resp: 10295
Ion Ratio Lower Upper
56 100
69 166.9 30.1 45.1#
84 197.6 82.1 123.1#

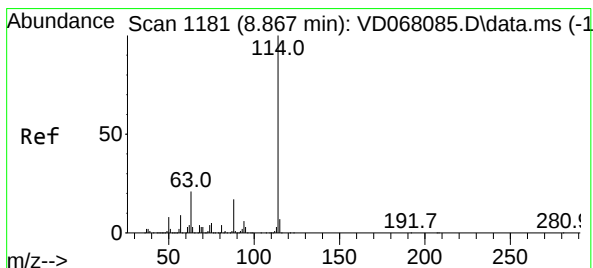
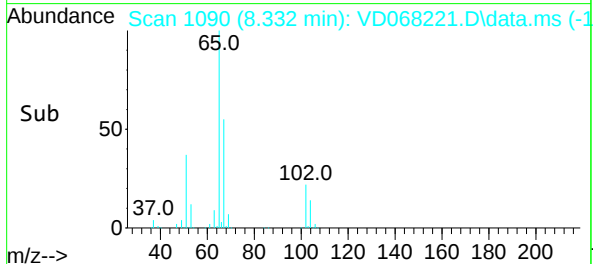
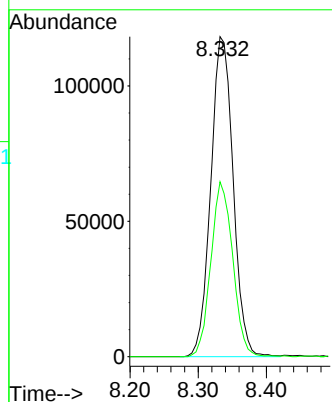
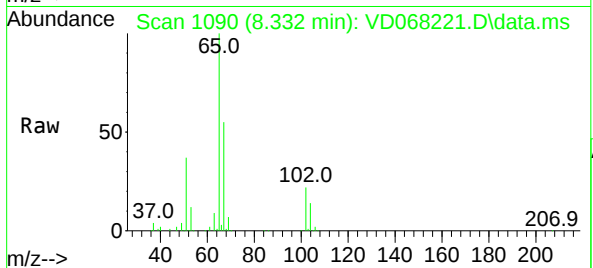




#33
1,2-Dichloroethane-d4
Concen: 60.57 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

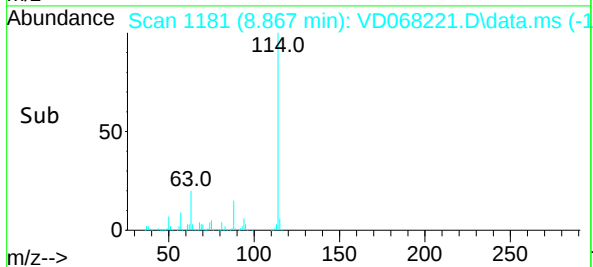
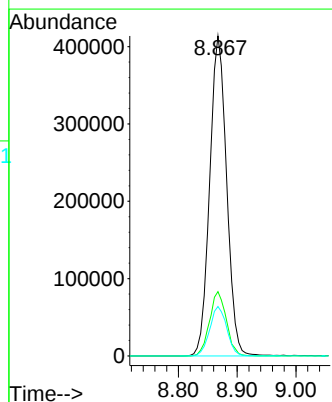
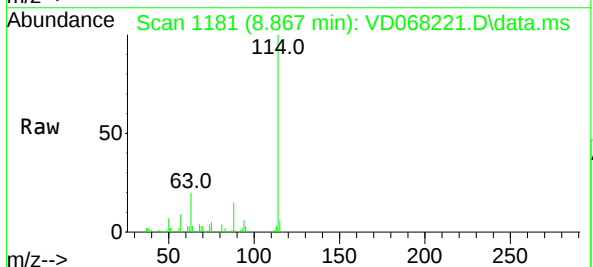
Instrument :
MSVOA_D
ClientSampleId :
CRT-3

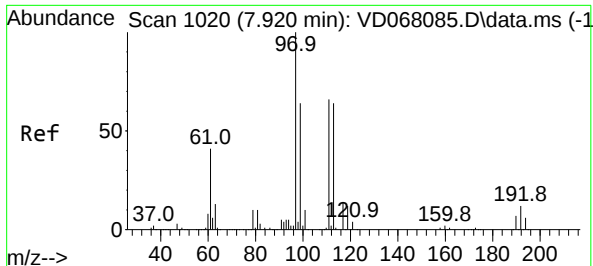
Tgt Ion: 65 Resp: 270071
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

Tgt Ion: 114 Resp: 829963
Ion Ratio Lower Upper
114 100
63 20.1 0.0 34.8
88 15.5 0.0 31.6

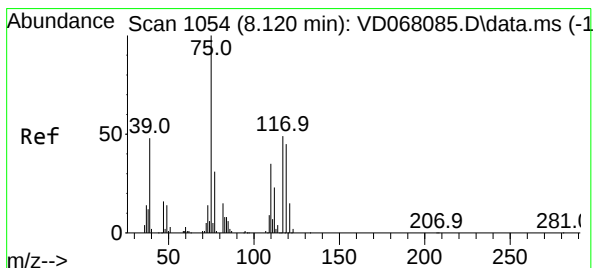
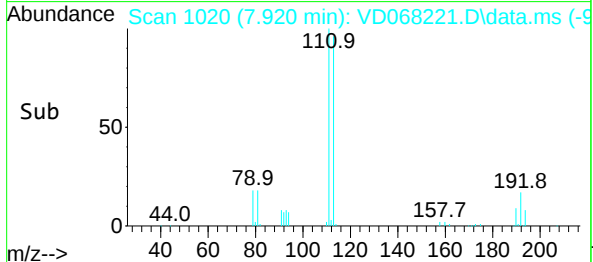
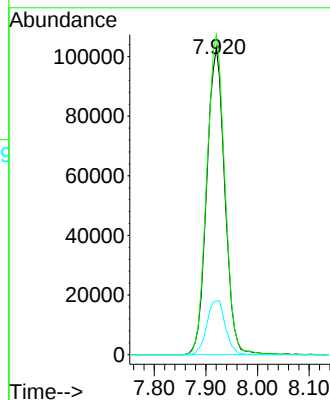
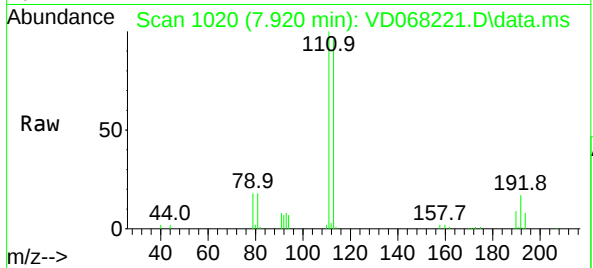




#35
Dibromofluoromethane
Concen: 54.30 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

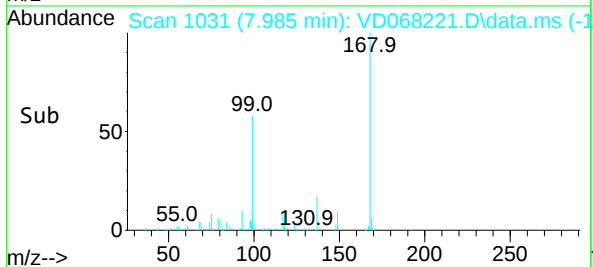
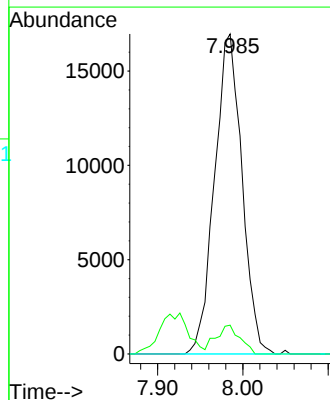
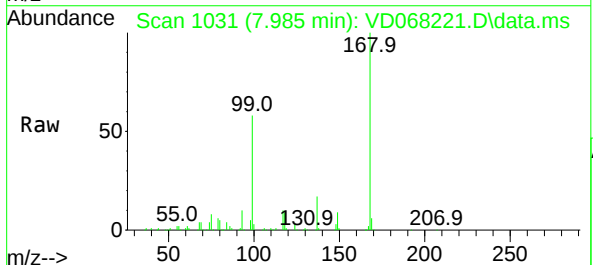
Instrument :
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ClientSampleId :
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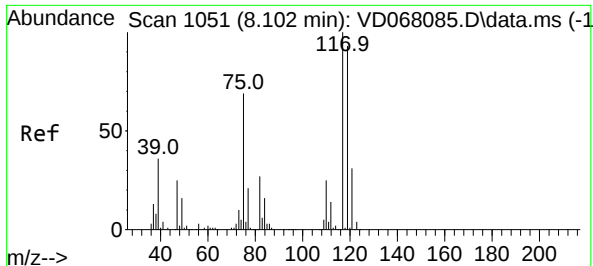
Tgt Ion:113 Resp: 249151
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 18.1 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

Tgt Ion: 75 Resp: 37820
Ion Ratio Lower Upper
75 100
110 7.8 19.4 58.2#
77 0.0 25.3 37.9#

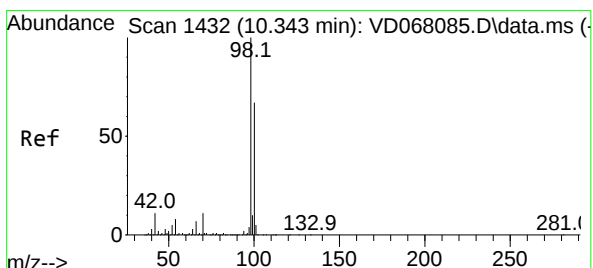
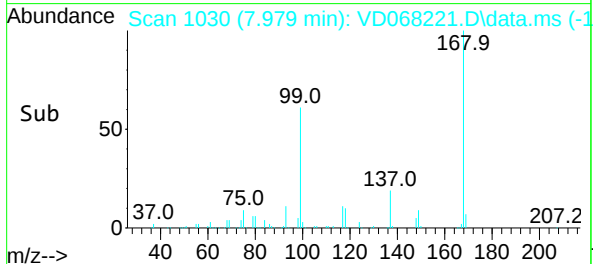
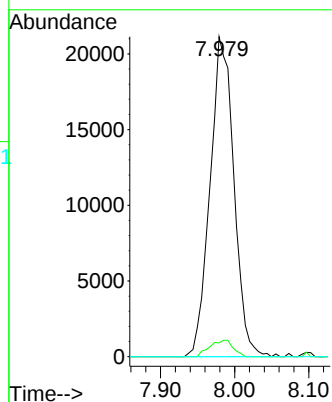
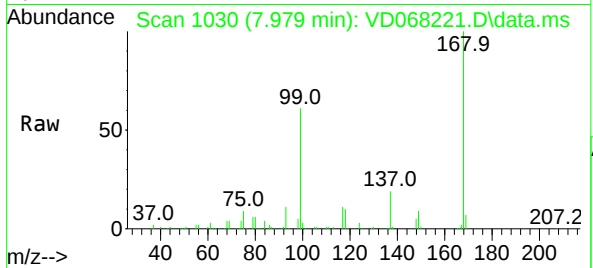




#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

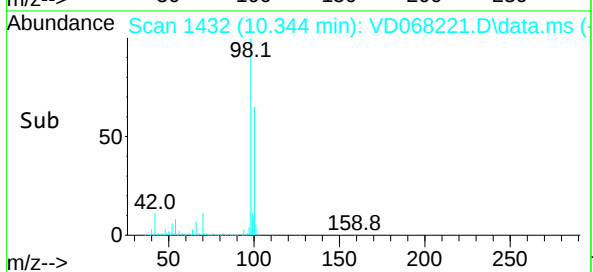
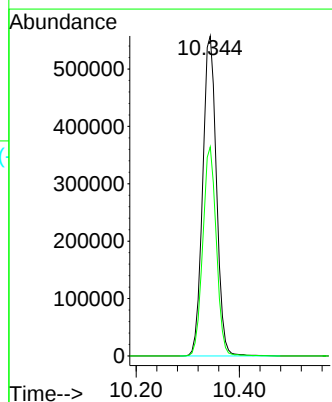
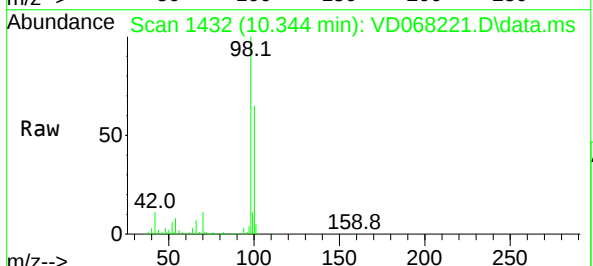
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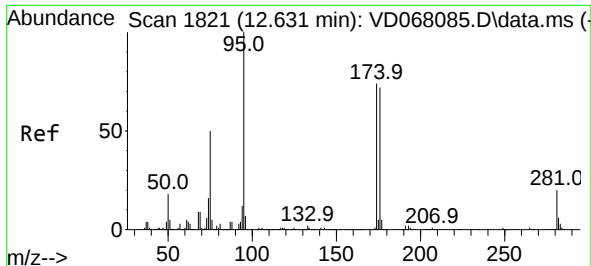
Tgt Ion:117 Resp: 47314
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.01 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

Tgt Ion: 98 Resp: 1027982
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4

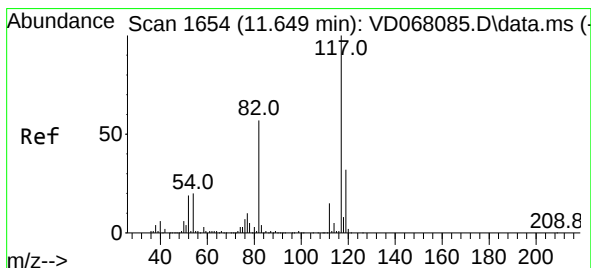
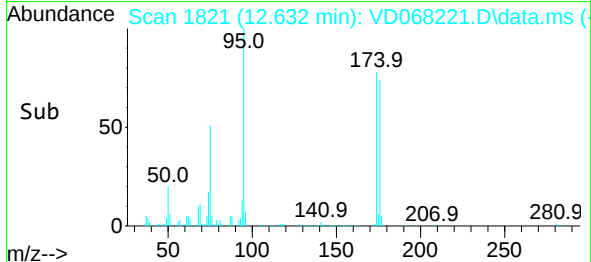
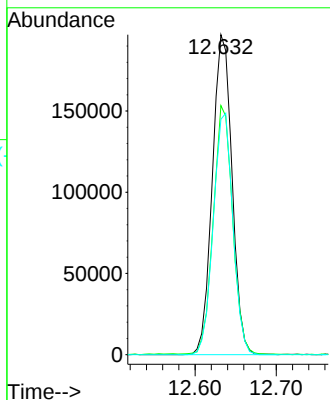
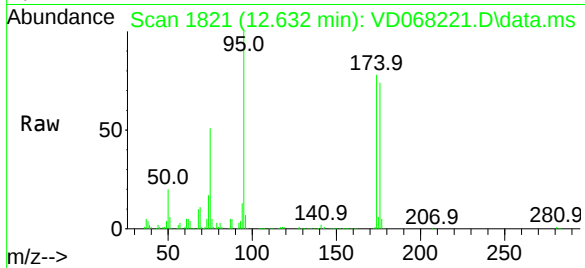




#62
4-Bromofluorobenzene
Concen: 50.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

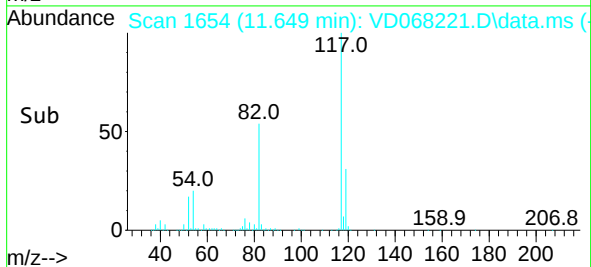
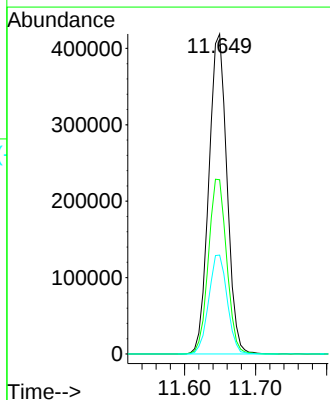
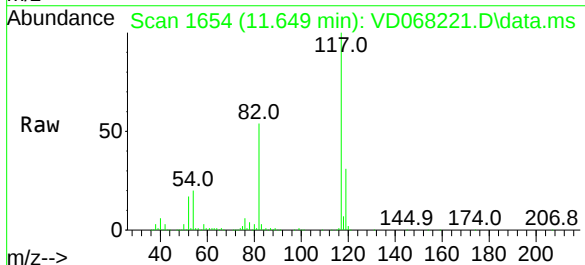
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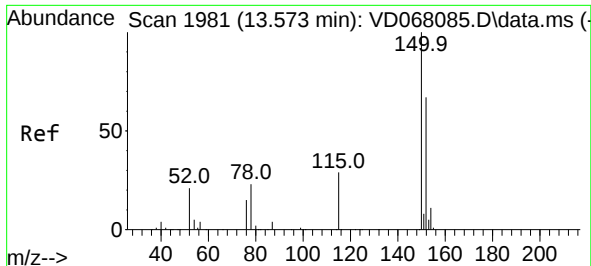
Tgt Ion: 95 Resp: 331750
Ion Ratio Lower Upper
95 100
174 77.1 0.0 172.4
176 75.2 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

Tgt Ion: 117 Resp: 740870
Ion Ratio Lower Upper
117 100
82 54.5 41.4 62.0
119 30.9 26.1 39.1

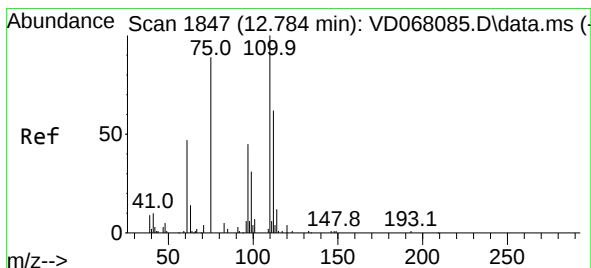
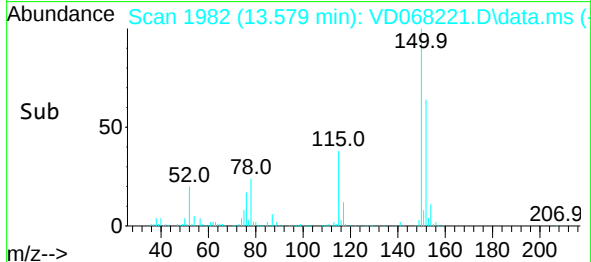
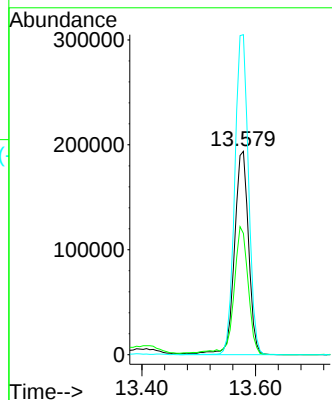
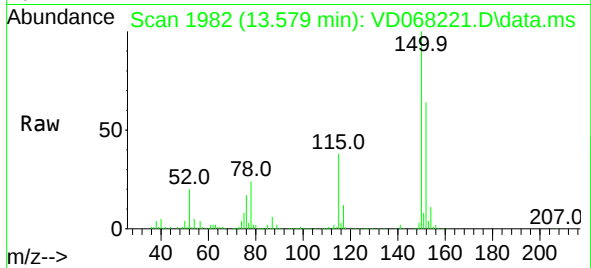




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

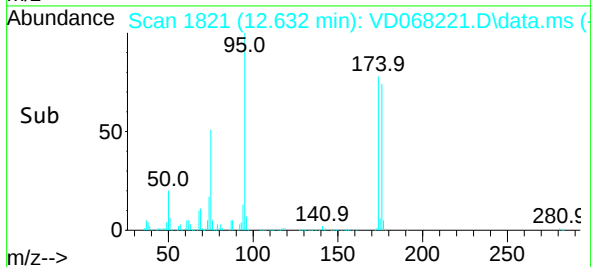
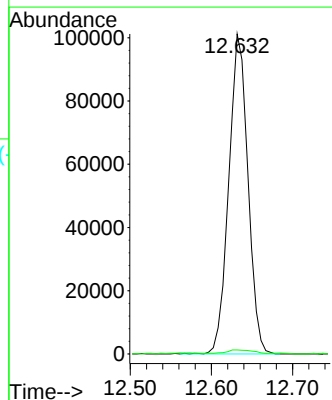
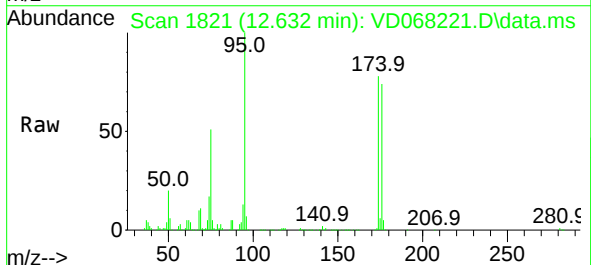
Instrument :
MSVOA_D
ClientSampleId :
CRT-3

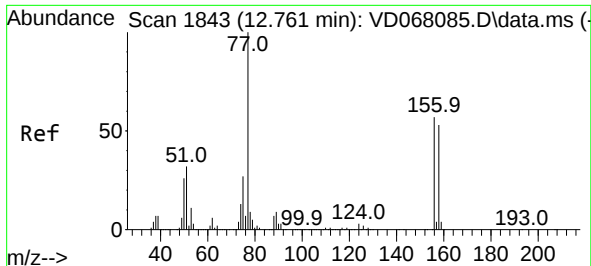
Tgt Ion:152 Resp: 334755
Ion Ratio Lower Upper
152 100
115 64.7 28.9 86.8
150 152.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 51.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

Tgt Ion: 75 Resp: 165715
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

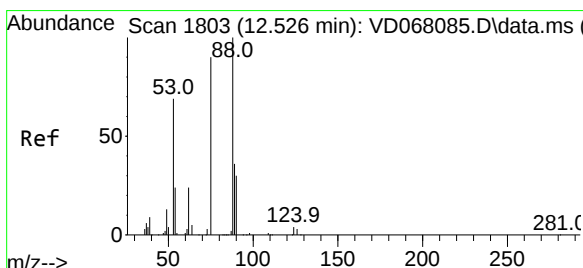
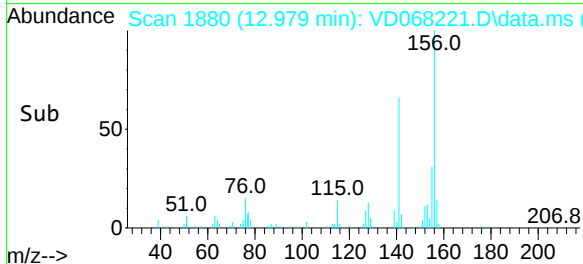
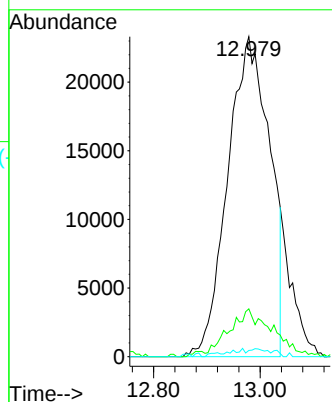
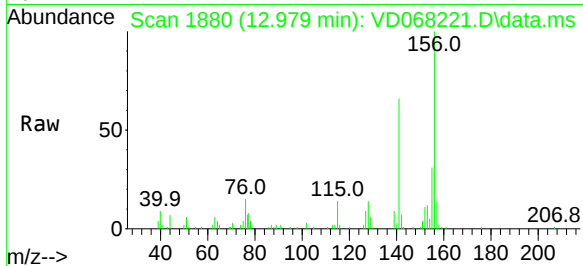




#77
Bromobenzene
Concen: 21.36 ug/l
RT: 12.979 min Scan# 1880
Delta R.T. 0.218 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

Instrument :
MSVOA_D
ClientSampleId :
CRT-3

Tgt Ion:156 Resp: 127559
Ion Ratio Lower Upper
156 100
77 7.7 82.8 248.3#
158 0.4 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068221.D
Acq: 28 Jan 2021 14:18

Tgt Ion: 75 Resp: 165715
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

