

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010521\
 Data File : VD068006.D
 Acq On : 05 Jan 2021 14:32
 Operator : VA/SY
 Sample : M1015-01RE
 Misc : 6.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 00:16:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

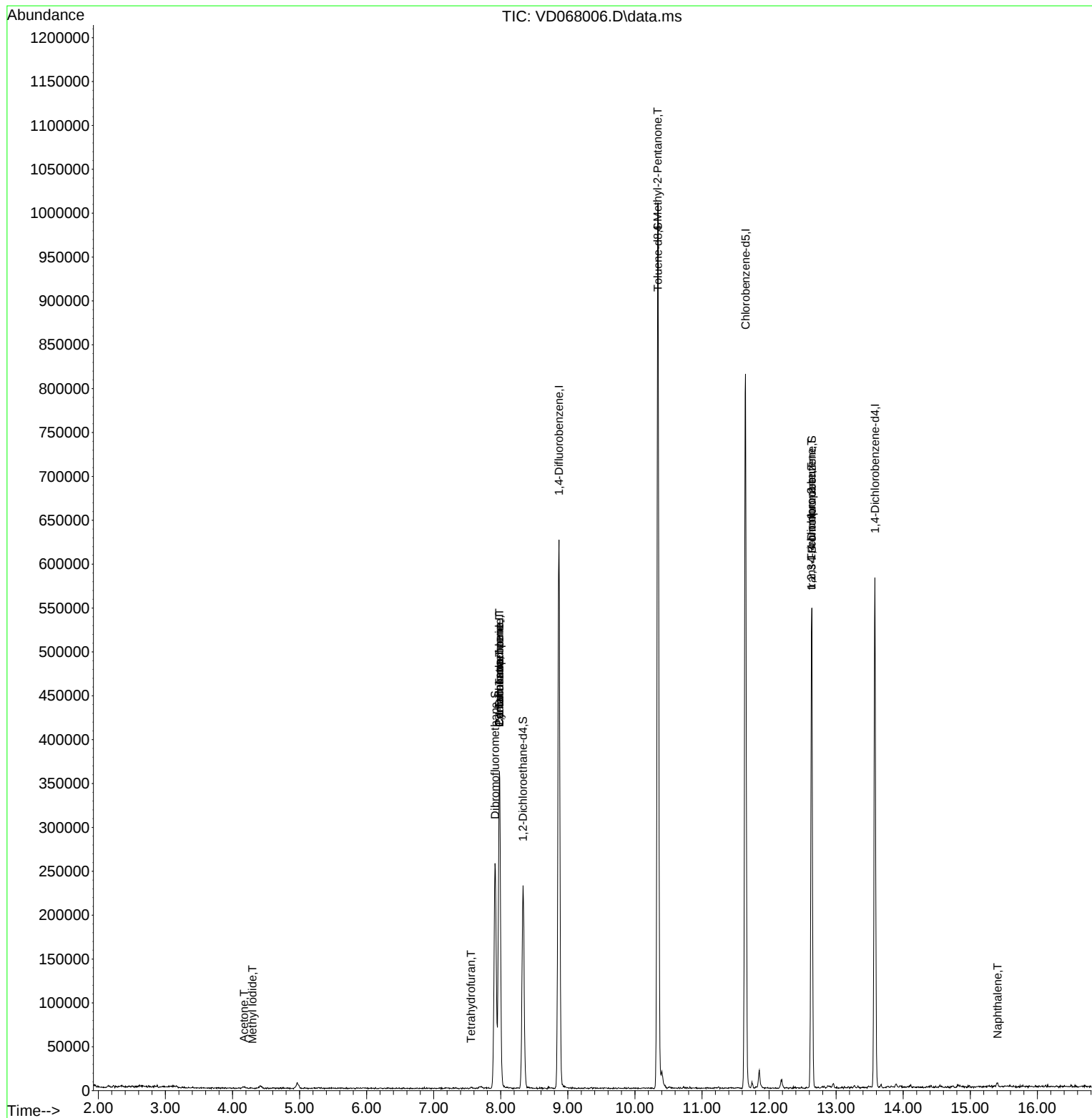
Internal Standards						
1) Pentafluorobenzene	7.979	168	251578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	530711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	469362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	144197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	182993	67.36	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.72%			
35) Dibromofluoromethane	7.914	113	182325	54.52	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.04%			
50) Toluene-d8	10.344	98	669757	53.29	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.58%			
62) 4-Bromofluorobenzene	12.638	95	178886	41.61	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.22%			
Target Compounds						
5) Bromomethane	2.785	94	522	Below Cal	#	1
10) Methyl Iodide	4.297	142	132	3.89	ug/l #	41
16) Acetone	4.173	43	2879	5.55	ug/l #	73
20) Methylene Chloride	4.962	84	3628	Below Cal	#	83
29) Tetrahydrofuran	7.555	42	933	1.80	ug/l #	68
31) Cyclohexane	7.979	56	6397	1.15	ug/l #	24
36) 1,1-Dichloropropene	7.979	75	24040	4.26	ug/l #	49
38) Carbon Tetrachloride	7.979	117	27679	5.14	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	3656	1.69	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	93773	77.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	93773	158.33	ug/l #	12
95) Naphthalene	15.408	128	4475	1.04	ug/l #	93

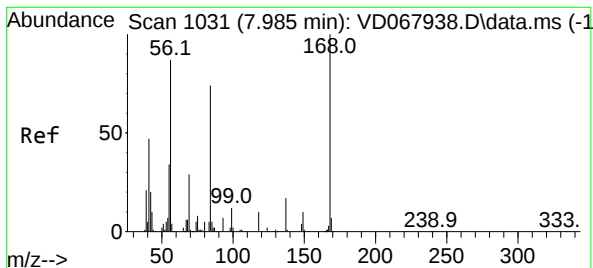
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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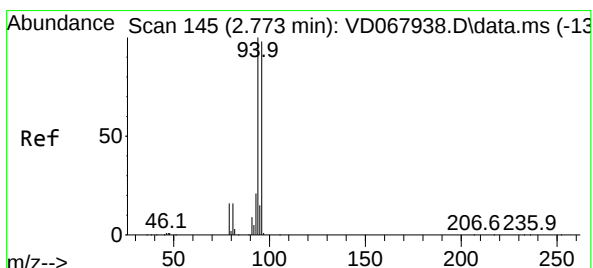
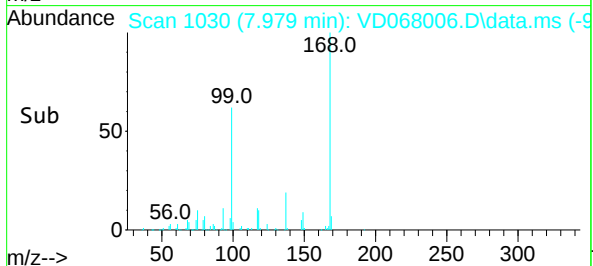
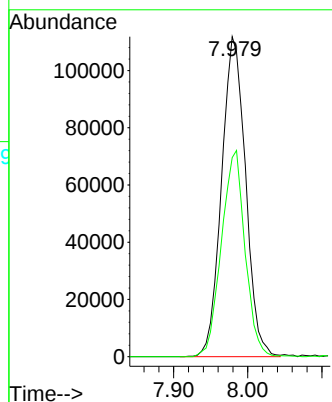
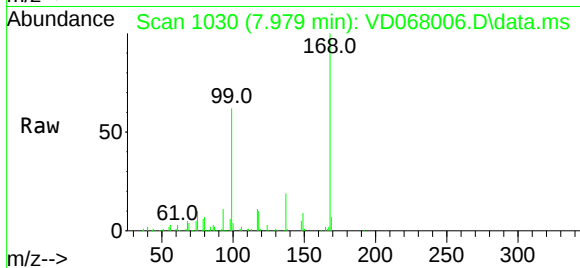




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

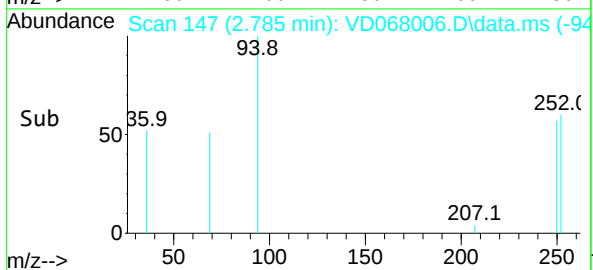
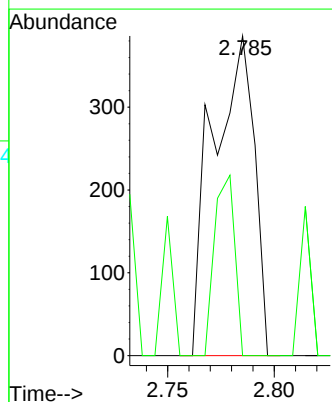
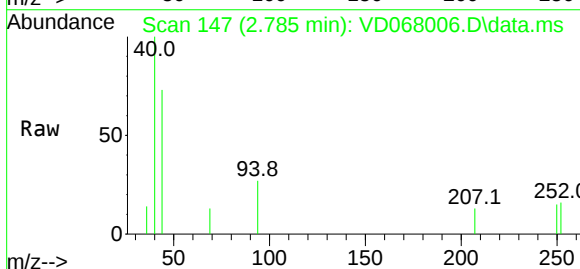
Instrument :
MSVOA_D
ClientSampled :

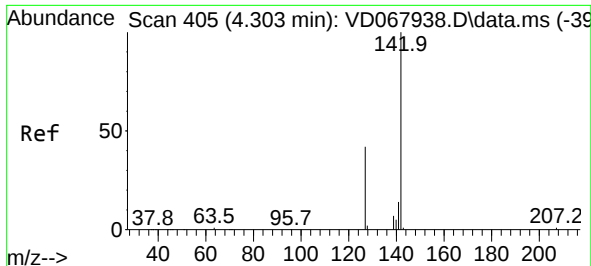
Tgt Ion:168 Resp: 251578
Ion Ratio Lower Upper
168 100
99 62.2 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.012 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

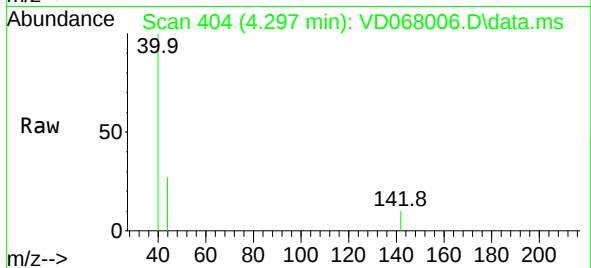
Tgt Ion: 94 Resp: 522
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



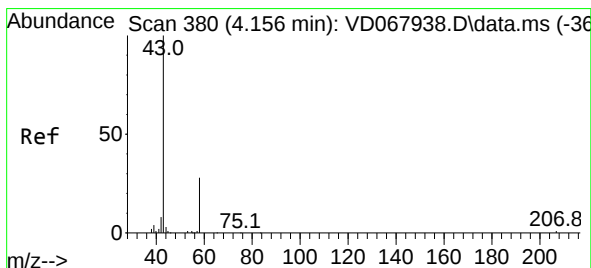
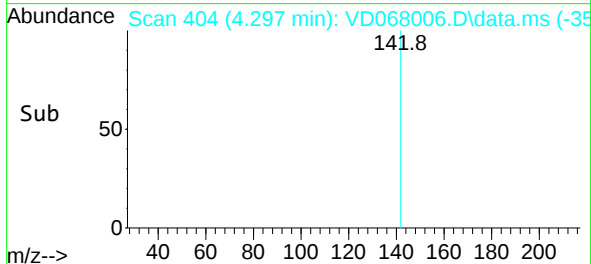
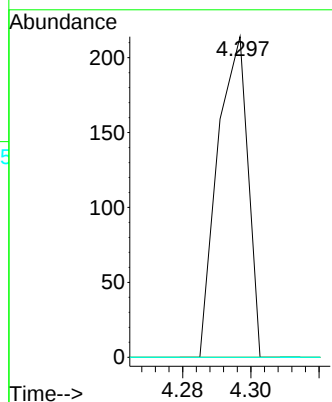


#10
Methyl Iodide
Concen: 3.89 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

Instrument :
MSVOA_D
ClientSampled :

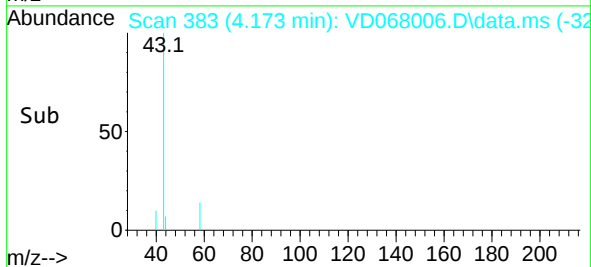
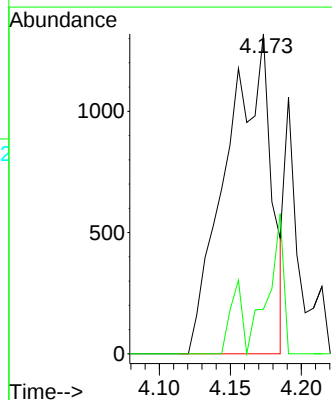
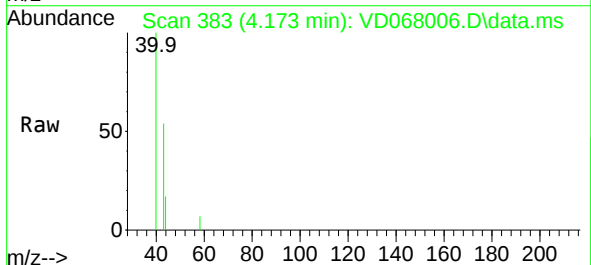


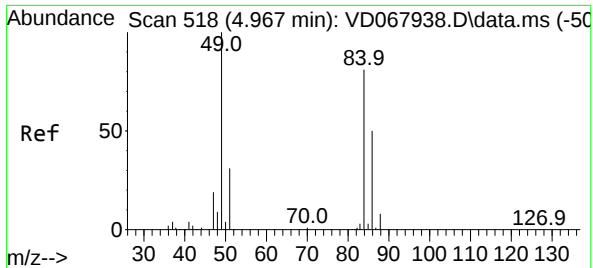
Tgt Ion:142 Resp: 132
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 5.55 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

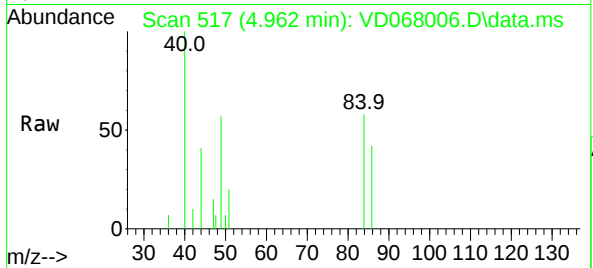
Tgt Ion: 43 Resp: 2879
Ion Ratio Lower Upper
43 100
58 13.9 22.3 33.5#



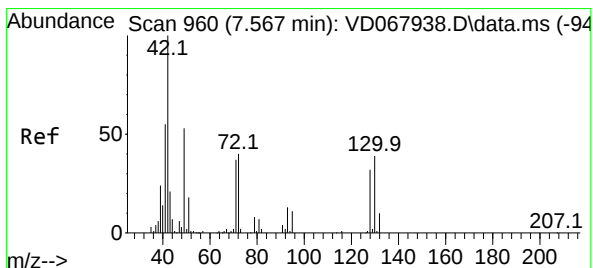
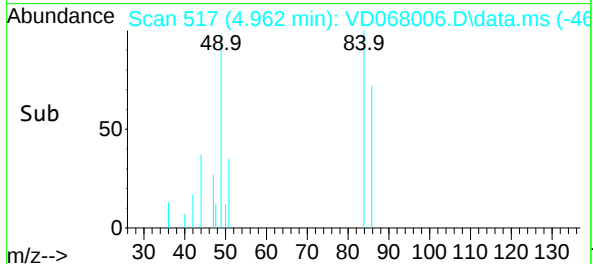
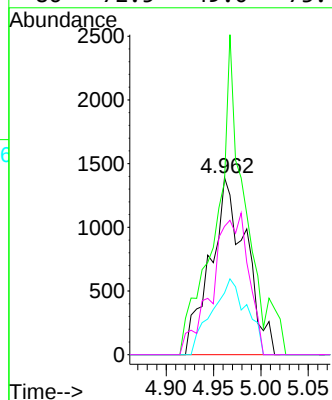


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

Instrument :
MSVOA_D
ClientSampled :

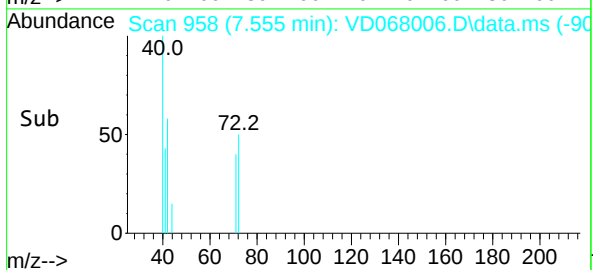
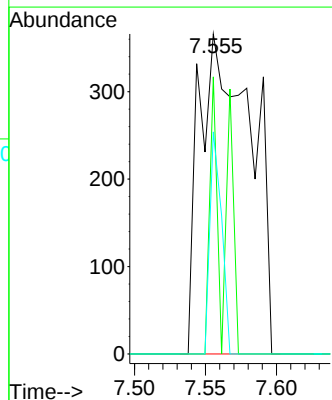
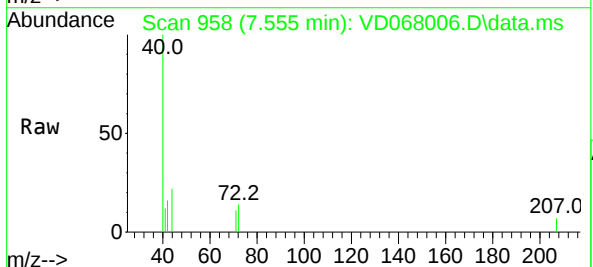


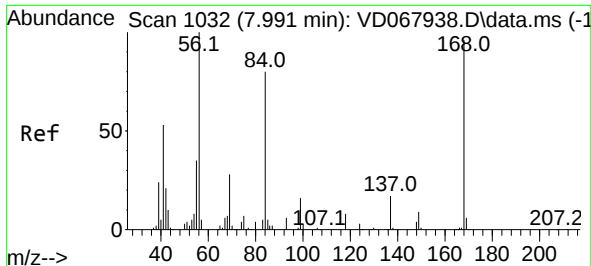
Tgt Ion:	84	Resp:	3628
Ion	Ratio	Lower	Upper
84	100		
49	97.6	98.3	147.5#
51	34.9	30.3	45.5
86	72.5	49.0	73.4



#29
Tetrahydrofuran
Concen: 1.80 ug/l
RT: 7.555 min Scan# 958
Delta R.T. -0.012 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

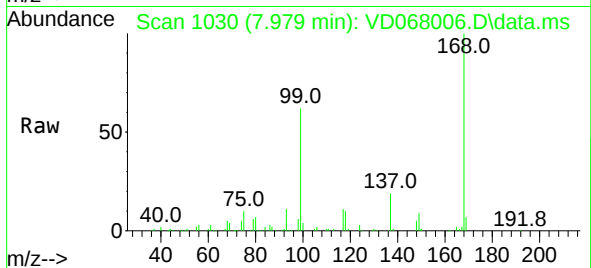
Tgt Ion:	42	Resp:	933
Ion	Ratio	Lower	Upper
42	100		
72	23.5	32.9	49.3#
71	15.5	29.9	44.9#



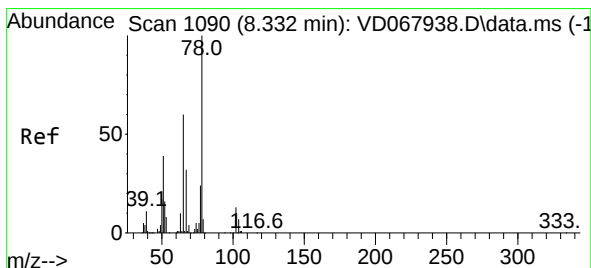
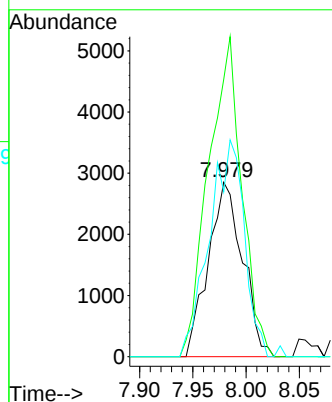
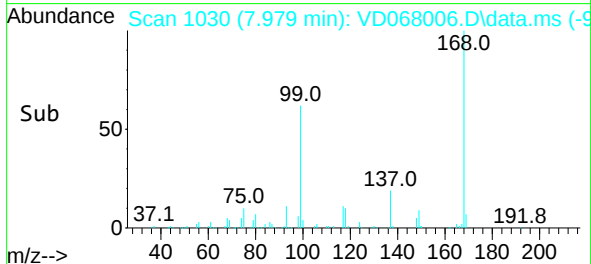


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

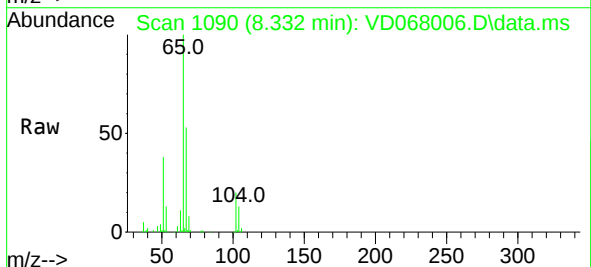
Instrument :
MSVOA_D
ClientSampled :



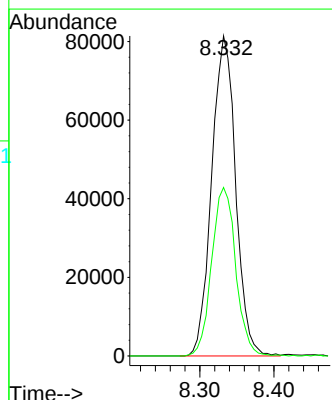
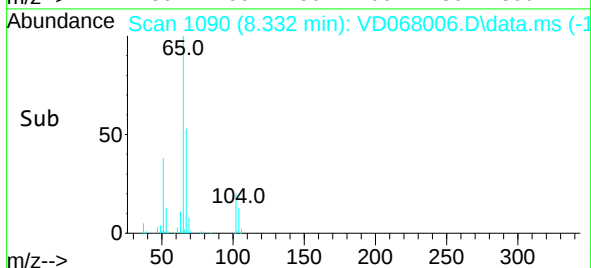
Tgt Ion: 56 Resp: 6397
Ion Ratio Lower Upper
56 100
69 159.0 22.7 34.1#
84 94.5 64.2 96.4

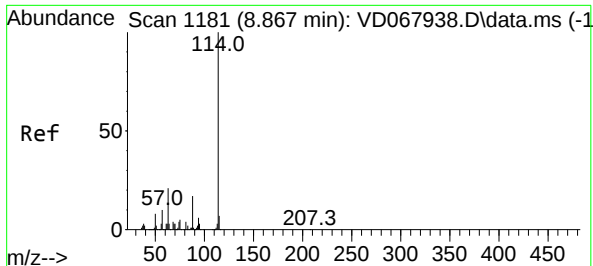


#33
1,2-Dichloroethane-d4
Concen: 67.36 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32



Tgt Ion: 65 Resp: 182993
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068006.D

Acq: 05 Jan 2021 14:32

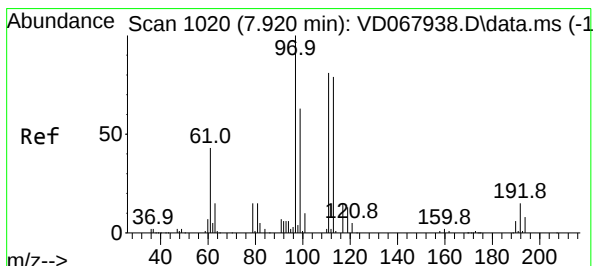
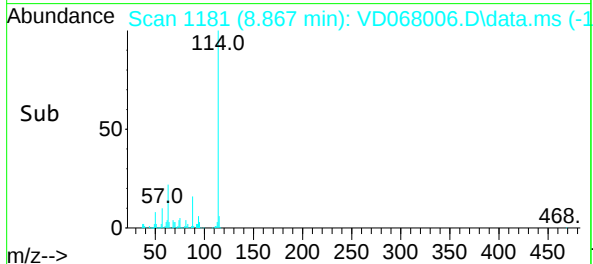
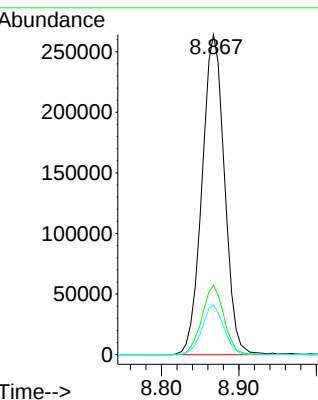
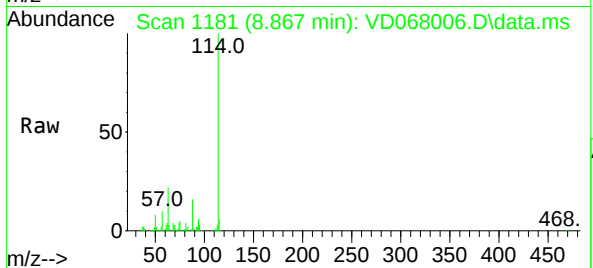
Tgt Ion:114 Resp: 530711

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.4

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.52 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068006.D

Acq: 05 Jan 2021 14:32

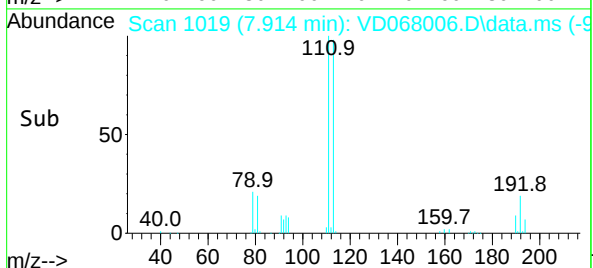
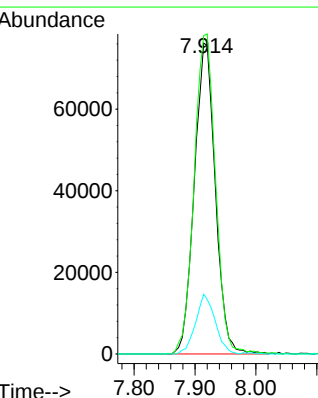
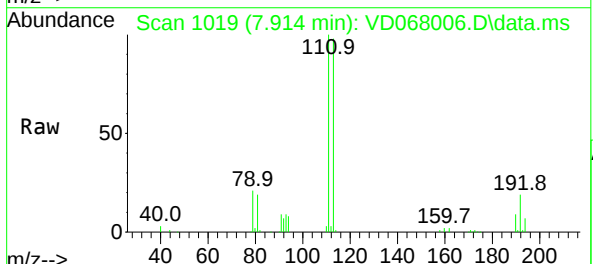
Tgt Ion:113 Resp: 182325

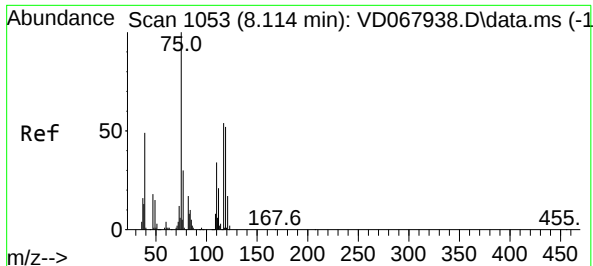
Ion Ratio Lower Upper

113 100

111 105.2 79.3 118.9

192 17.9 14.5 21.7

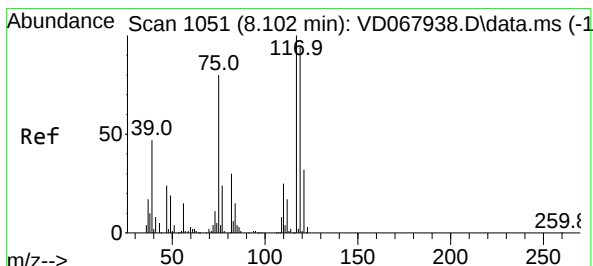
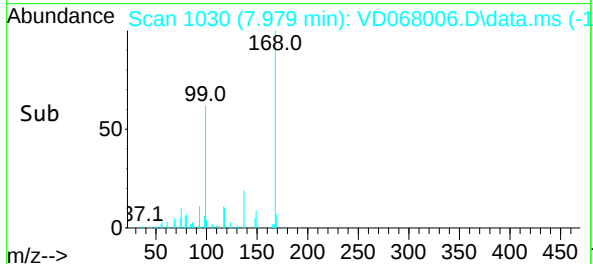
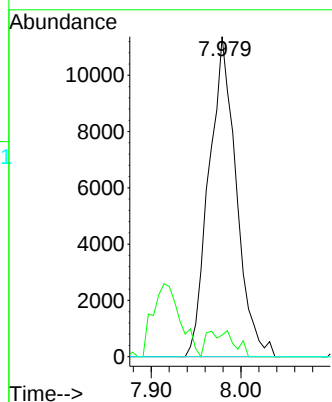
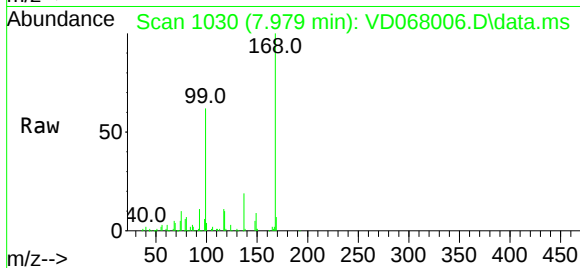




#36
1,1-Dichloropropene
Concen: 4.26 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

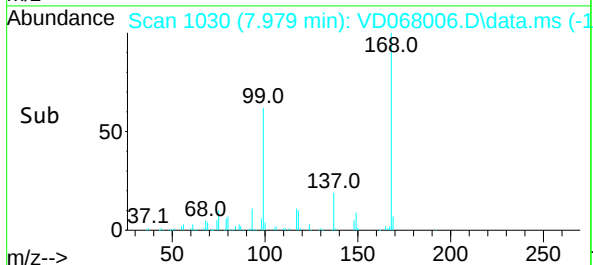
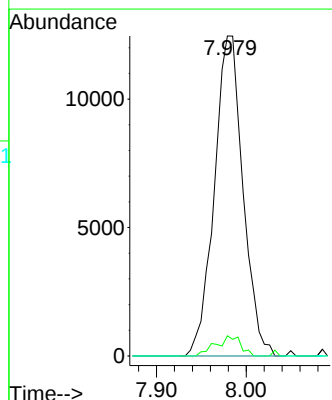
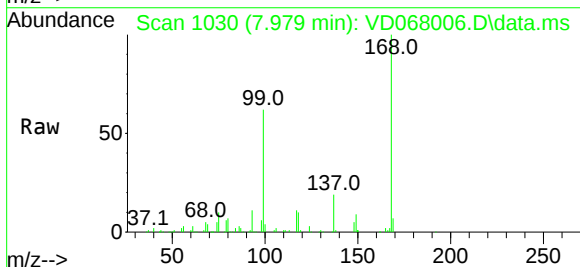
Instrument :
MSVOA_D
ClientSampled :

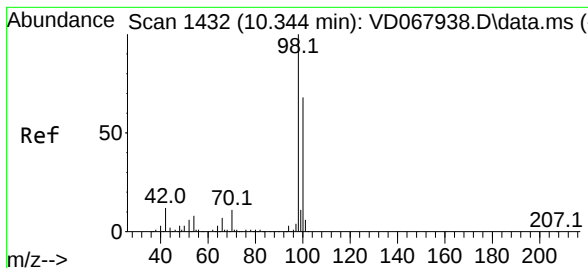
Tgt Ion: 75 Resp: 24040
Ion Ratio Lower Upper
75 100
110 8.0 17.0 51.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.14 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

Tgt Ion: 117 Resp: 27679
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.4#
121 0.0 25.9 38.9#

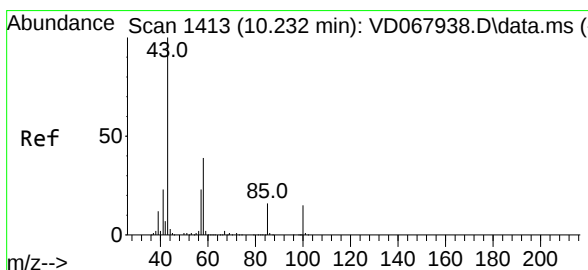
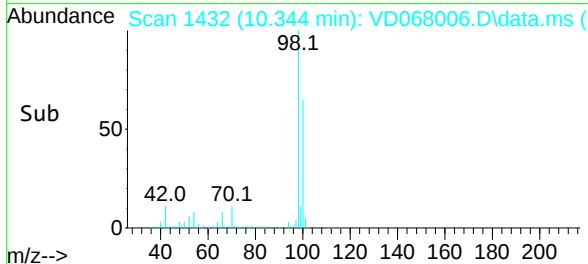
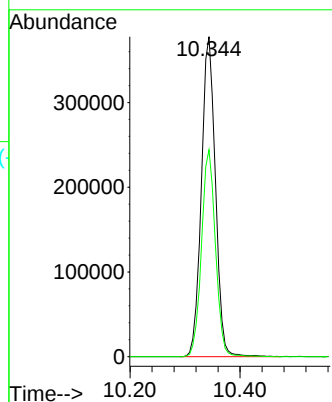
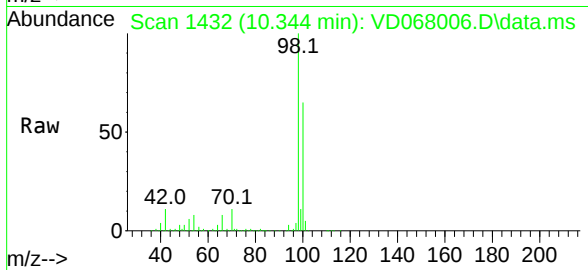




#50
Toluene-d8
Concen: 53.29 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

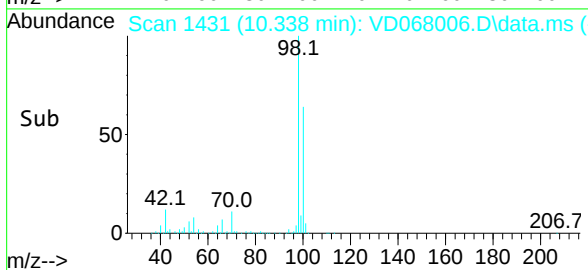
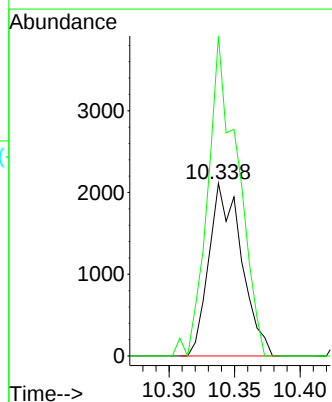
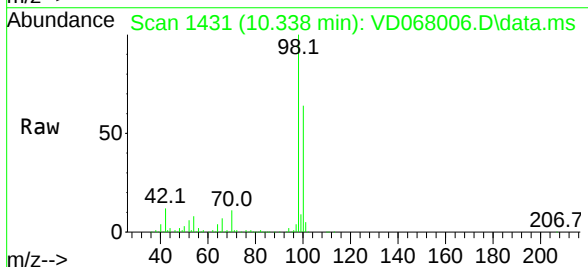
Instrument :
MSVOA_D
ClientSampled :

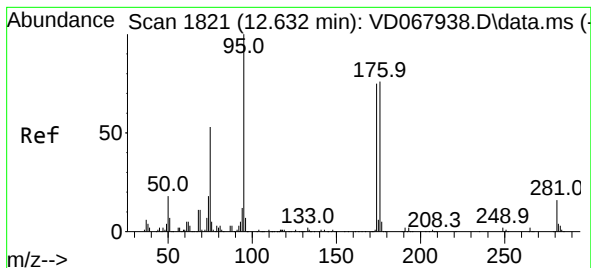
Tgt Ion: 98 Resp: 669757
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.69 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

Tgt Ion: 43 Resp: 3656
Ion Ratio Lower Upper
43 100
58 171.0 30.0 45.0#

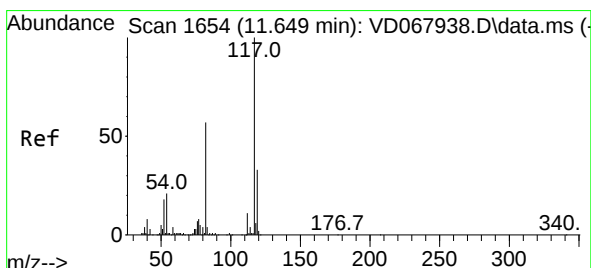
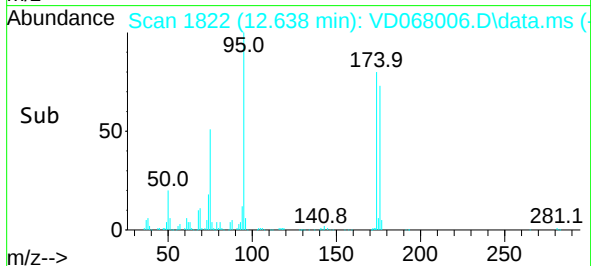
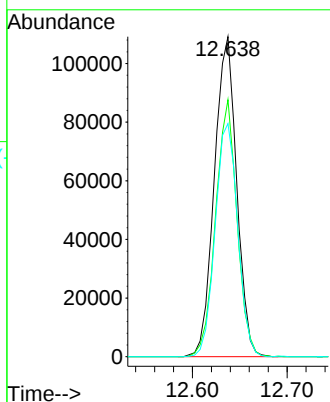
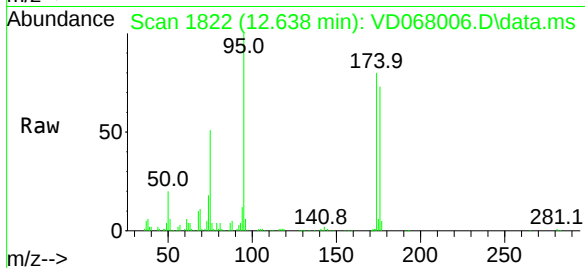




#62
4-Bromofluorobenzene
Concen: 41.61 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

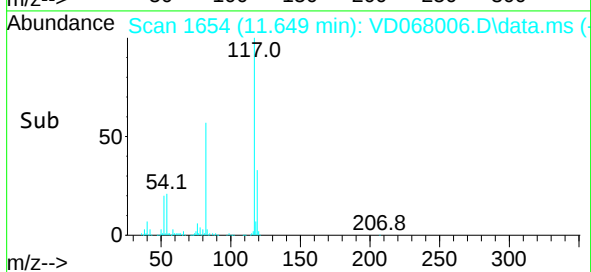
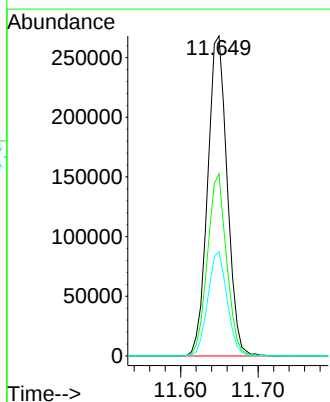
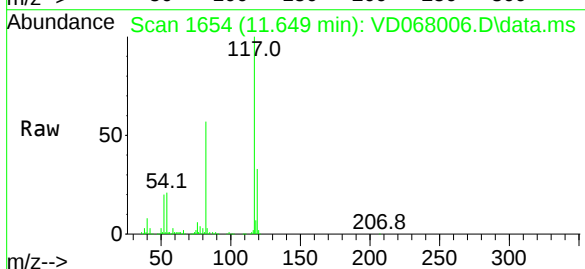
Instrument :
MSVOA_D
ClientSampled :

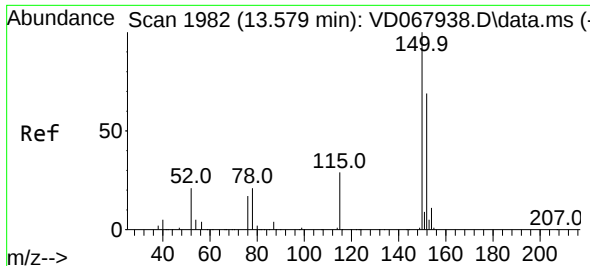
Tgt Ion: 95 Resp: 178886
Ion Ratio Lower Upper
95 100
174 76.8 0.0 150.6
176 73.5 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

Tgt Ion: 117 Resp: 469362
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.0
119 32.5 26.7 40.1

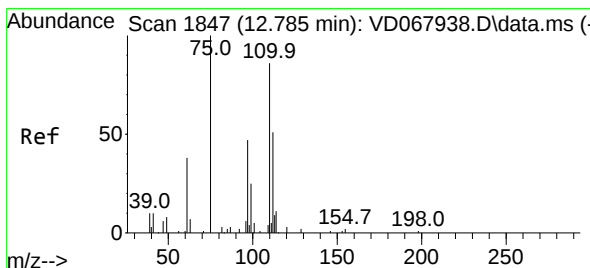
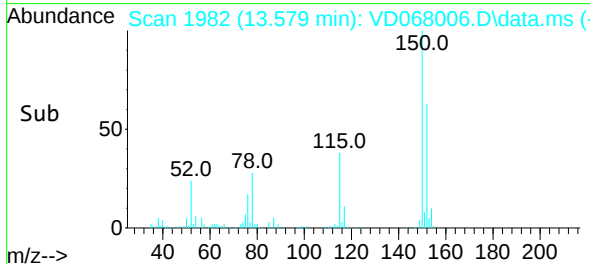
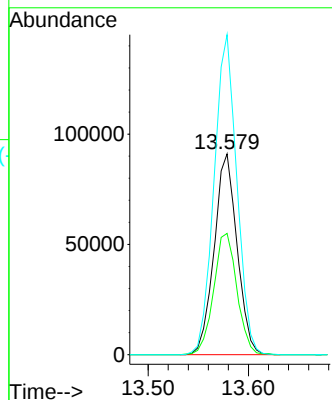
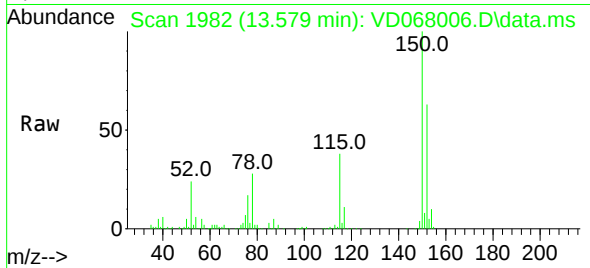




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

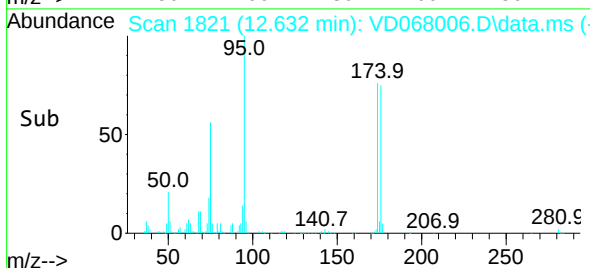
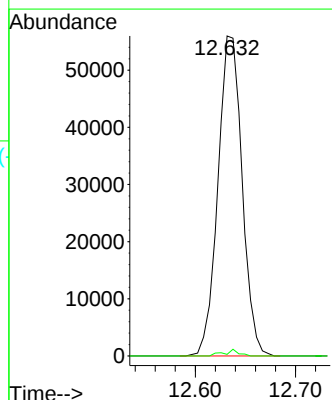
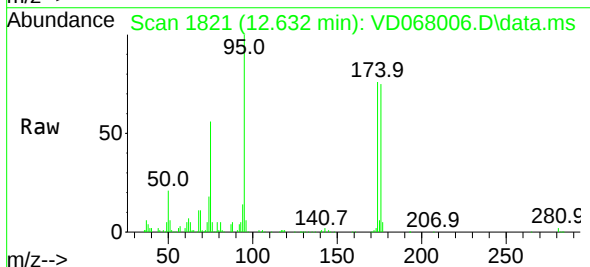
Instrument :
MSVOA_D
ClientSampled :

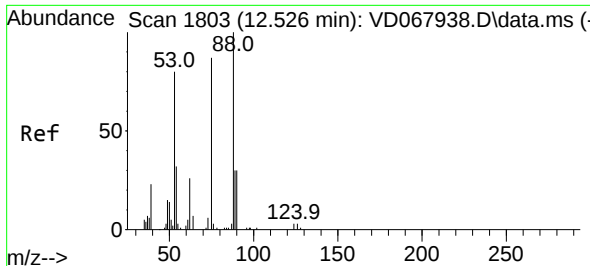
Tgt Ion:152 Resp: 144197
Ion Ratio Lower Upper
152 100
115 61.5 29.3 88.0
150 158.2 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 77.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

Tgt Ion: 75 Resp: 93773
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

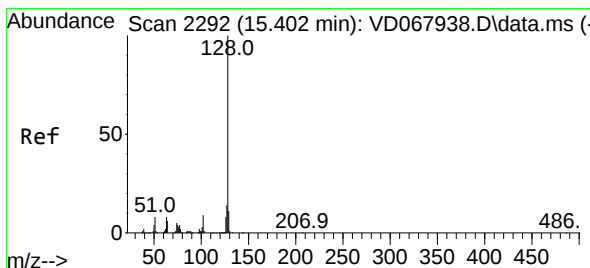
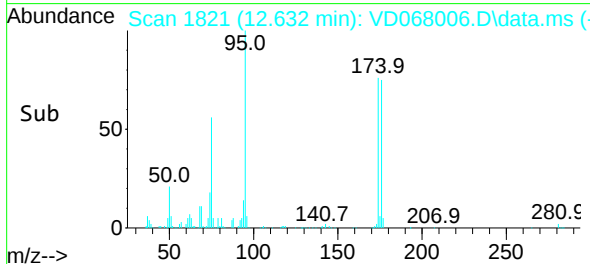
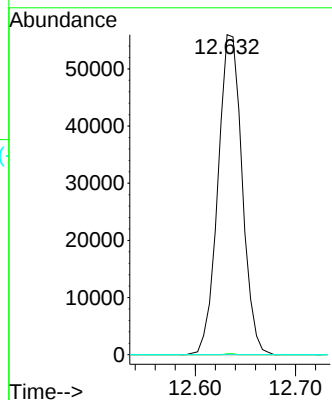
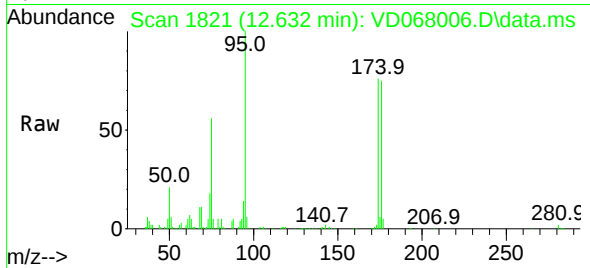




#81
trans-1,4-Dichloro-2-butene
Concen: 158.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 93773
Ion Ratio Lower Upper
75 100
53 0.1 74.9 112.3#
89 0.0 33.8 50.8#



#95
Naphthalene
Concen: 1.04 ug/l
RT: 15.408 min Scan# 2293
Delta R.T. 0.006 min
Lab File: VD068006.D
Acq: 05 Jan 2021 14:32

Tgt Ion: 128 Resp: 4475
Ion Ratio Lower Upper
128 100
127 18.8 11.2 16.8#
129 10.1 8.6 12.8

