

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068947.D
 Acq On : 22 Apr 2021 12:34
 Operator : VA/SY
 Sample : M2106-10RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 23 08:44:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

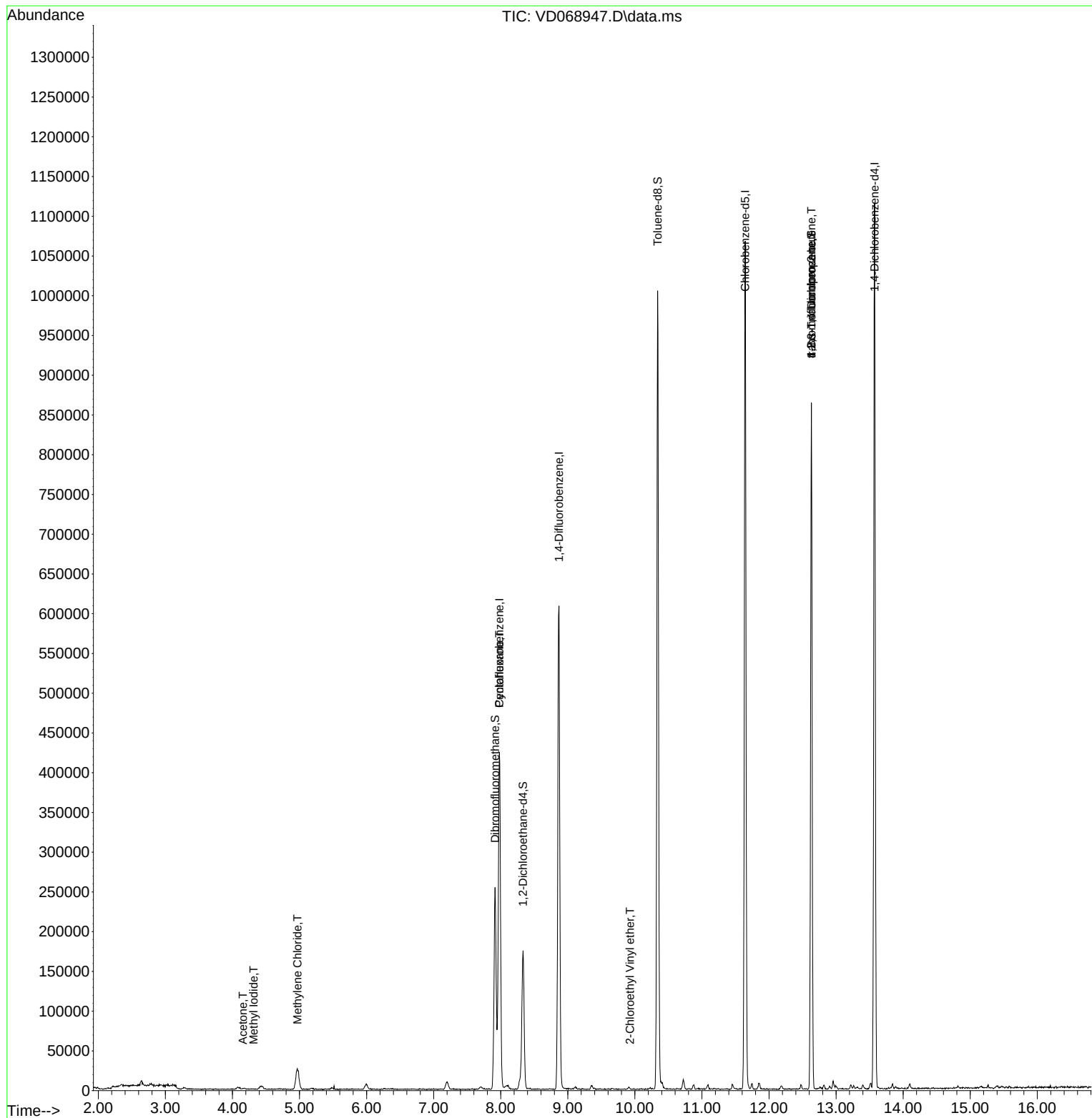
Internal Standards						
1) Pentafluorobenzene	7.979	168	335000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	563744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	640951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	299734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	137938	38.96	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.92%		
35) Dibromofluoromethane	7.914	113	174336	47.54	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.08%		
50) Toluene-d8	10.338	98	704938	50.96	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.92%		
62) 4-Bromofluorobenzene	12.632	95	273794	59.60	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	119.20%		
Target Compounds						Qvalue
10) Methyl Iodide	4.315	142	604	2.39	ug/l #	79
11) Tert butyl alcohol	5.203	59	352	Below Cal	#	73
16) Acetone	4.156	43	674	1.37	ug/l #	77
20) Methylene Chloride	4.967	84	23806	1.31	ug/l #	92
31) Cyclohexane	7.979	56	8172	1.39	ug/l #	31
58) 2-Chloroethyl Vinyl ether	9.926	63	73	17.03	ug/l #	44
76) 1,2,3-Trichloropropane	12.632	75	133567	48.78	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	133567	113.20	ug/l #	16

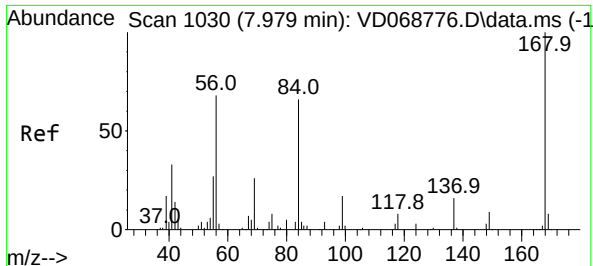
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
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MSVOA_D
ClientSampled :

Quant Time: Apr 23 08:44:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

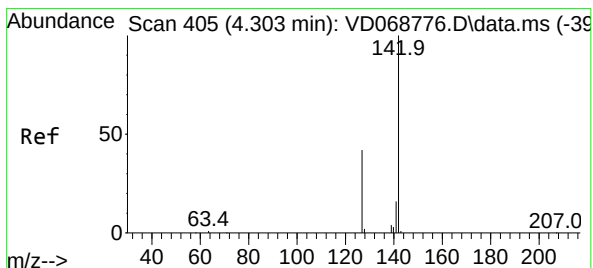
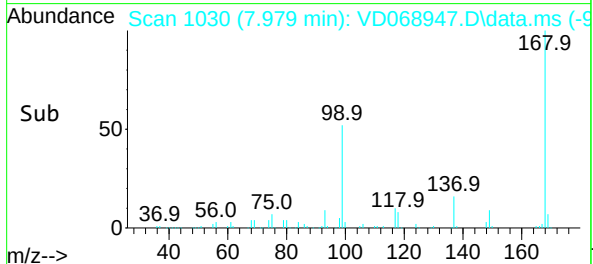
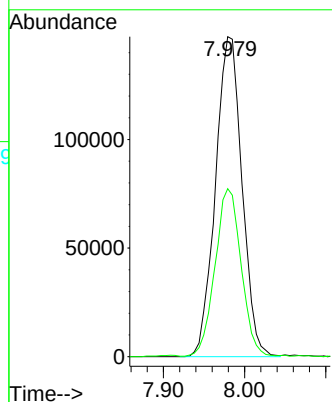
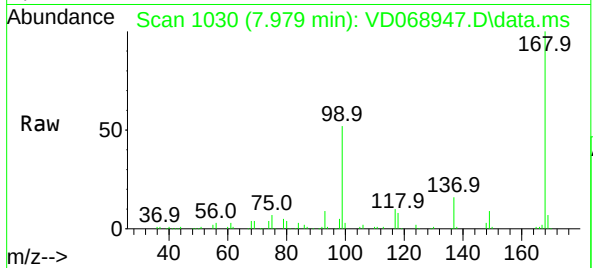




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

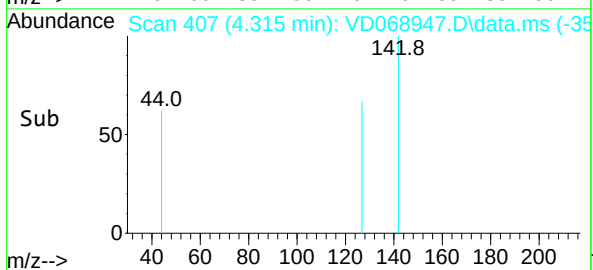
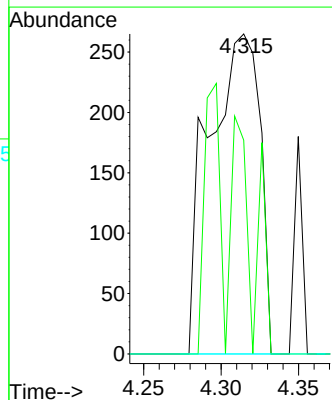
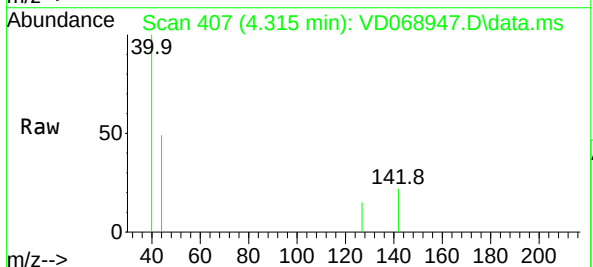
Instrument :
MSVOA_D
ClientSampled :

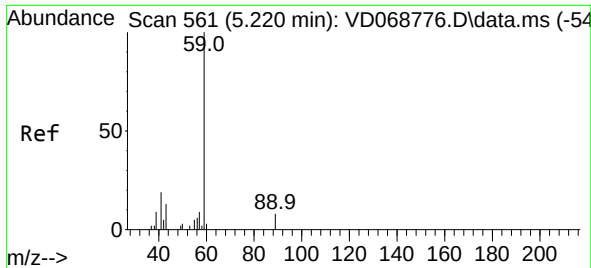
Tgt Ion:168 Resp: 335000
Ion Ratio Lower Upper
168 100
99 52.3 46.2 69.2



#10
Methyl Iodide
Concen: 2.39 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

Tgt Ion:142 Resp: 604
Ion Ratio Lower Upper
142 100
127 32.1 34.7 52.1#
141 0.0 11.0 16.4#

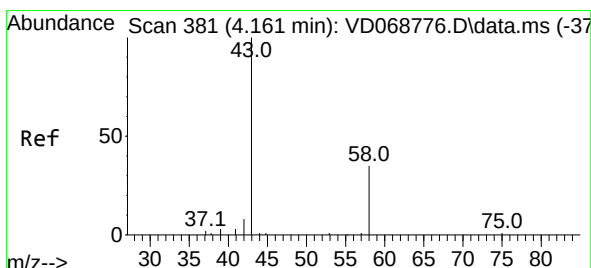
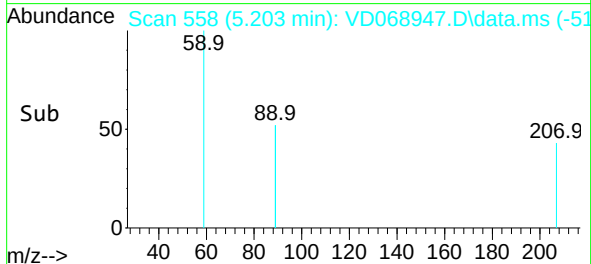
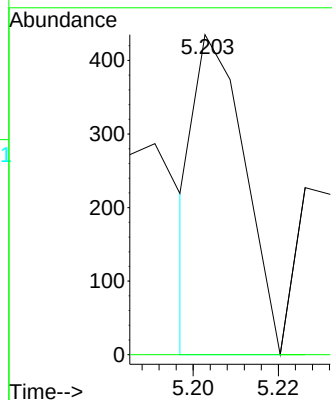
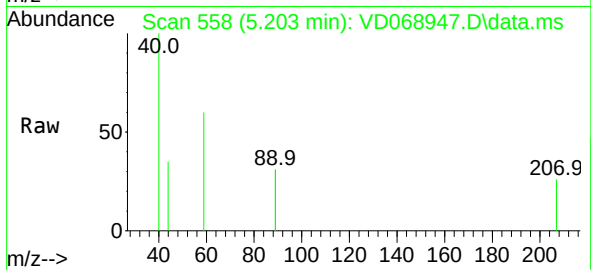




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

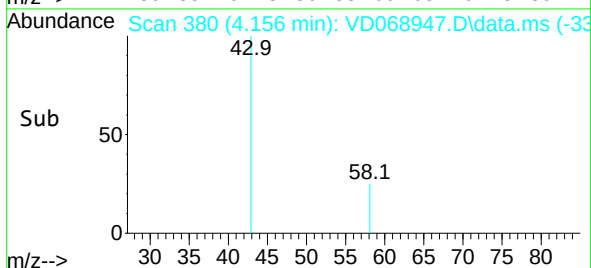
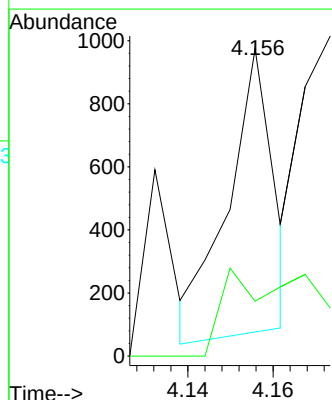
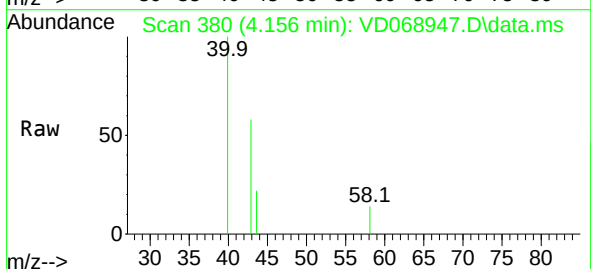
Instrument :
MSVOA_D
ClientSampleId :

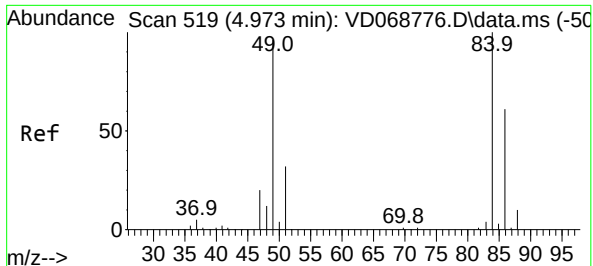
Tgt Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.37 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

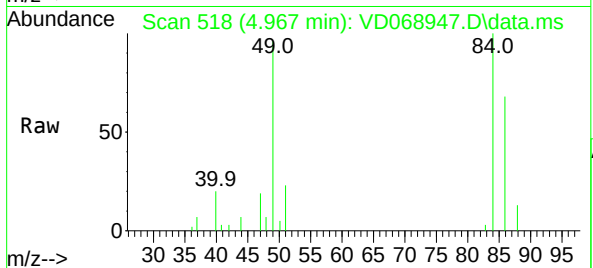
Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
58 21.8 28.0 42.0#



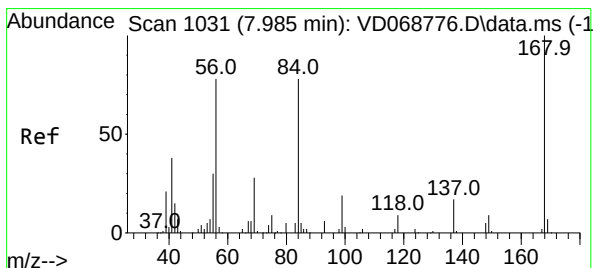
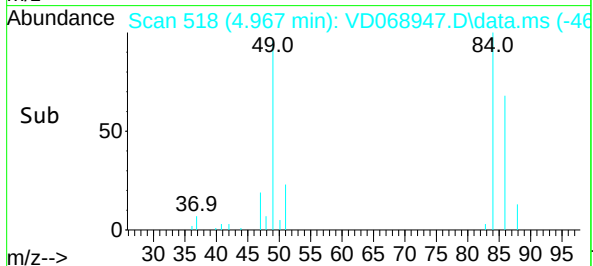
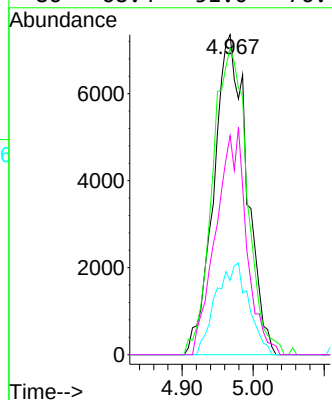


#20
Methylene Chloride
Concen: 1.31 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

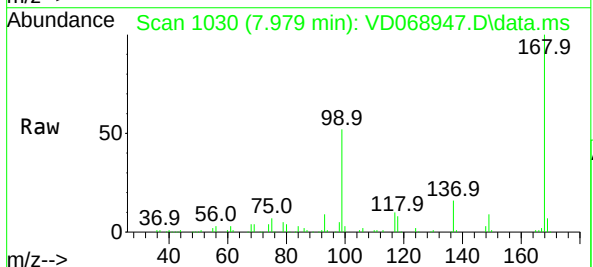
Instrument :
MSVOA_D
ClientSampled :



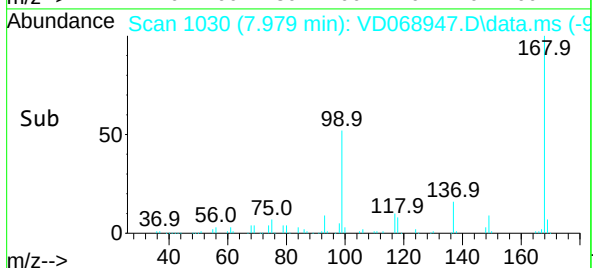
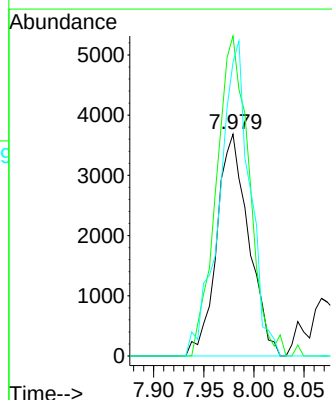
Tgt Ion: 84	Resp: 23806
Ion Ratio	Lower Upper
84 100	
49 95.7	83.4 125.0
51 23.2	23.4 35.2#
86 68.4	51.0 76.4

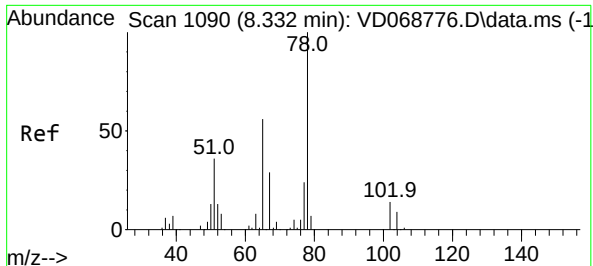


#31
Cyclohexane
Concen: 1.39 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34



Tgt Ion: 56	Resp: 8172		
Ion Ratio	Lower	Upper	
56	100		
69	144.3	30.0	45.0#
84	132.4	82.0	123.0#

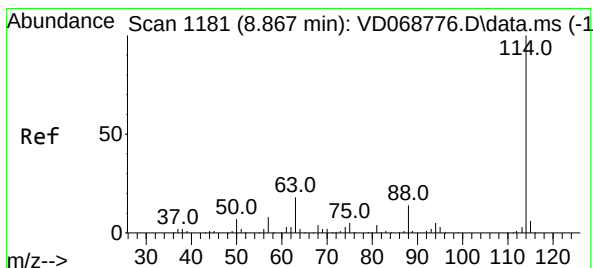
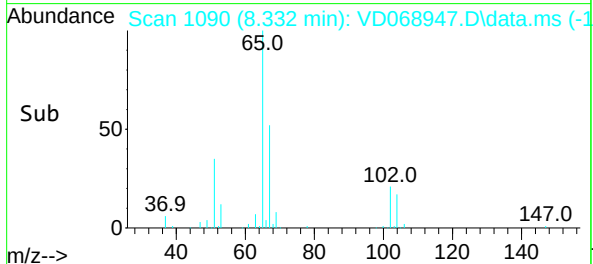
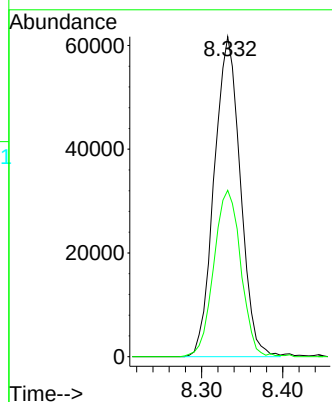
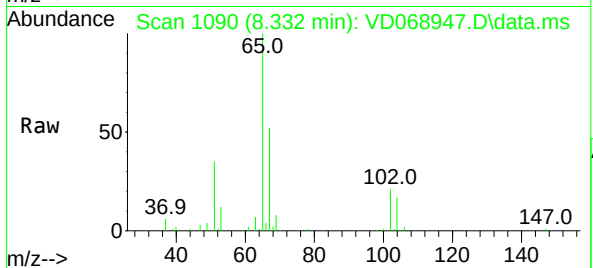




#33
1,2-Dichloroethane-d4
Concen: 38.96 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

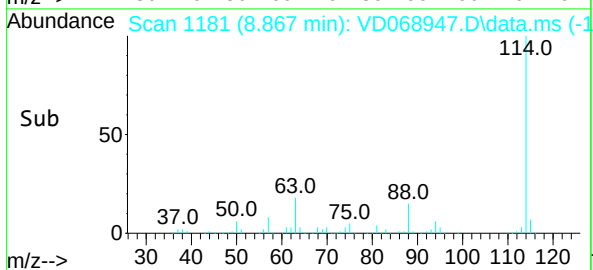
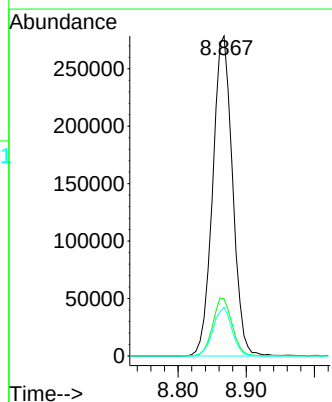
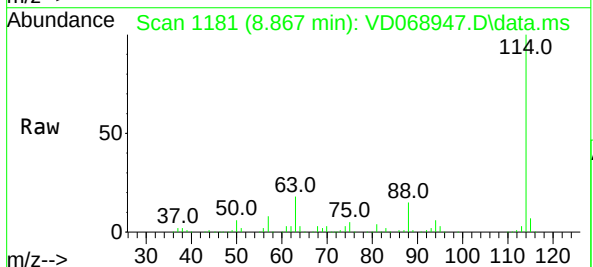
Instrument :
MSVOA_D
ClientSampleId :

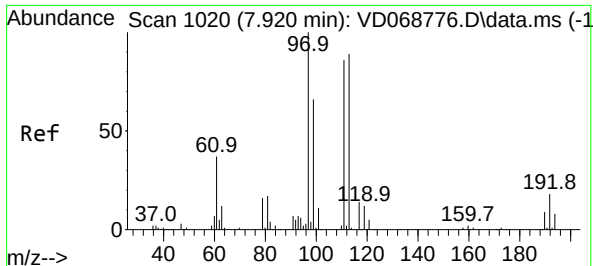
Tgt Ion: 65 Resp: 137938
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

Tgt Ion: 114 Resp: 563744
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.2
88 15.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.54 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068947.D

Acq: 22 Apr 2021 12:34

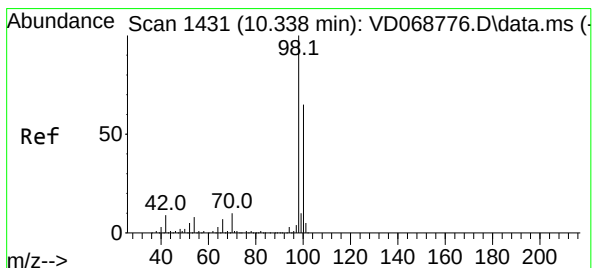
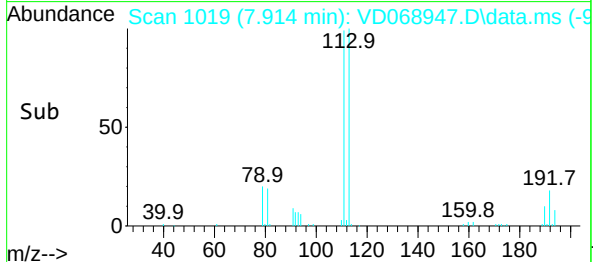
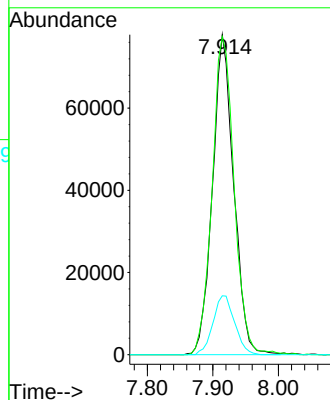
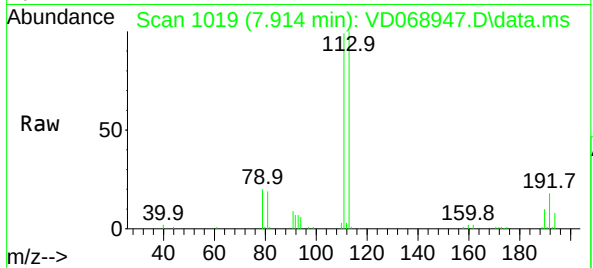
Tgt Ion:113 Resp: 174336

Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

192 18.8 15.1 22.7



#50

Toluene-d8

Concen: 50.96 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD068947.D

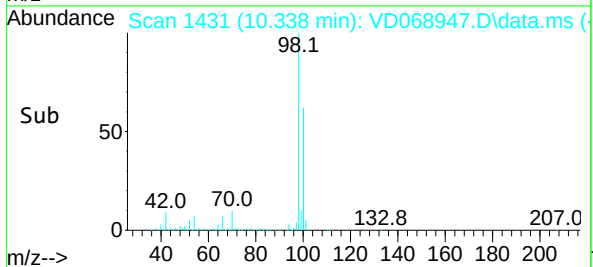
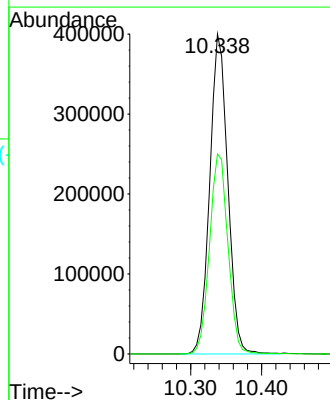
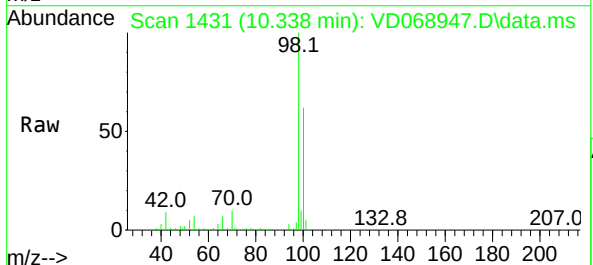
Acq: 22 Apr 2021 12:34

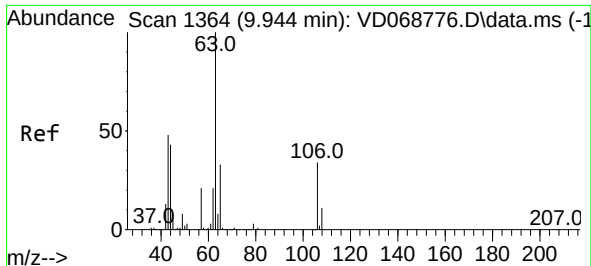
Tgt Ion: 98 Resp: 704938

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.6

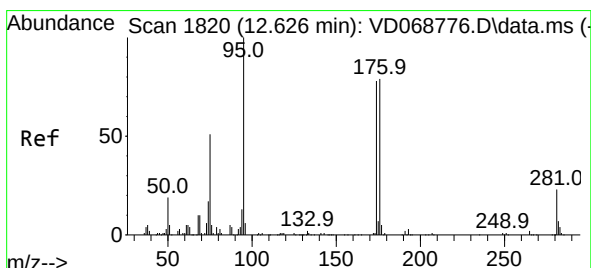
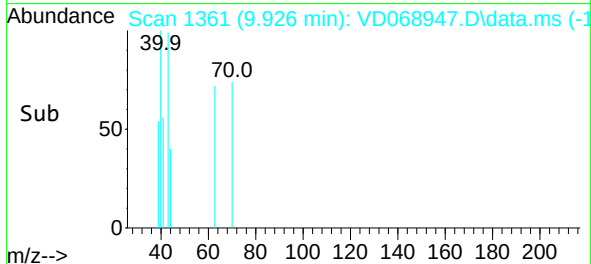
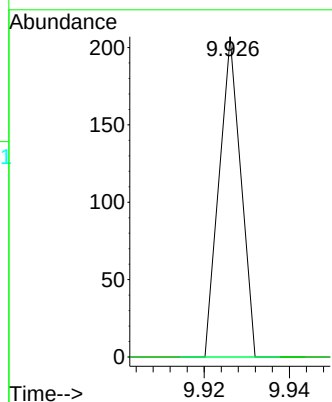
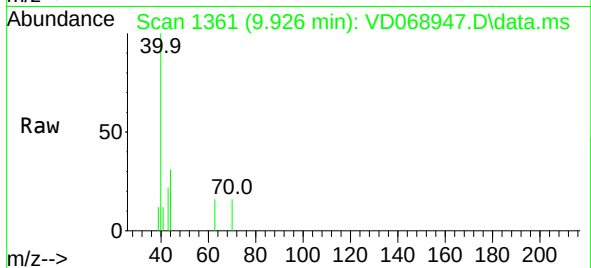




#58
2-Chloroethyl Vinyl ether
Concen: 17.03 ug/l
RT: 9.926 min Scan# 1361
Delta R.T. -0.018 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

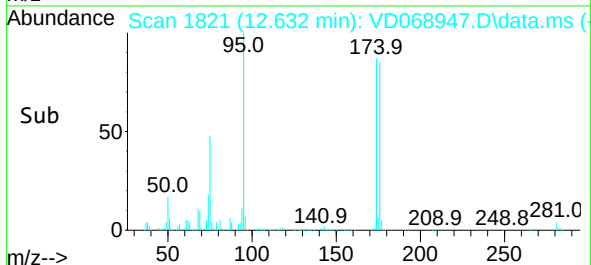
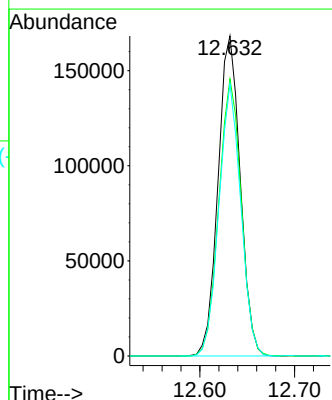
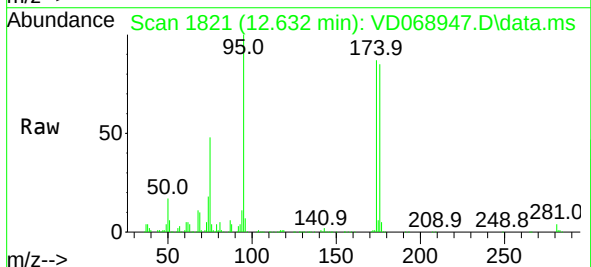
Instrument :
MSVOA_D
ClientSampled :

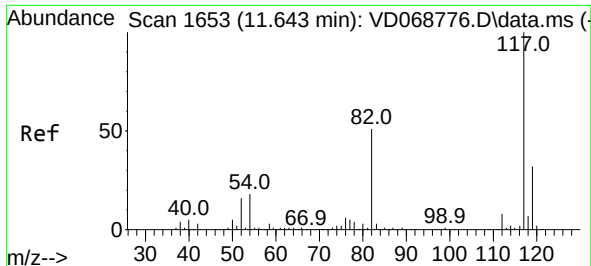
Tgt Ion: 63 Resp: 73
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 59.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

Tgt Ion: 95 Resp: 273794
Ion Ratio Lower Upper
95 100
174 87.2 0.0 168.0
176 83.5 0.0 160.2

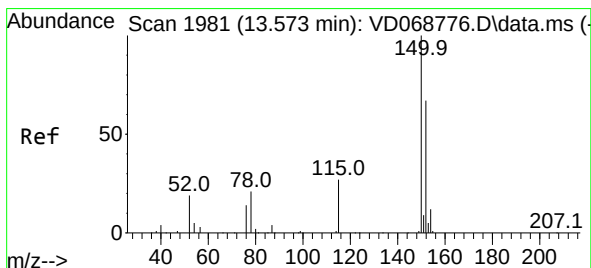
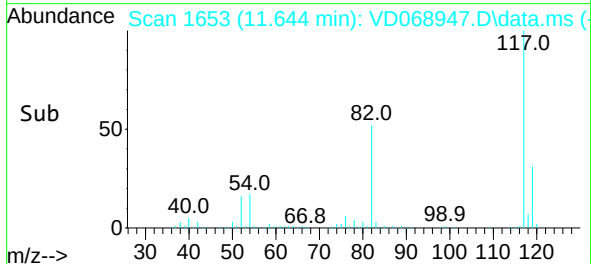
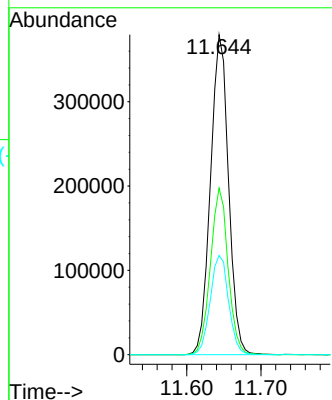
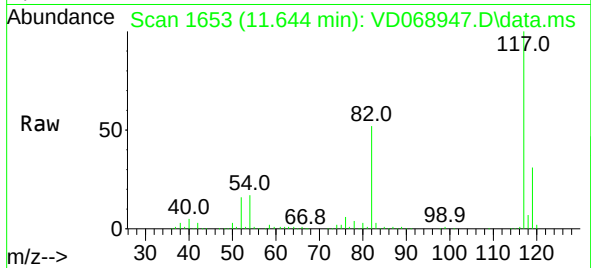




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

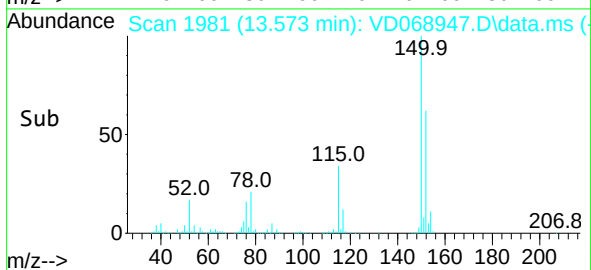
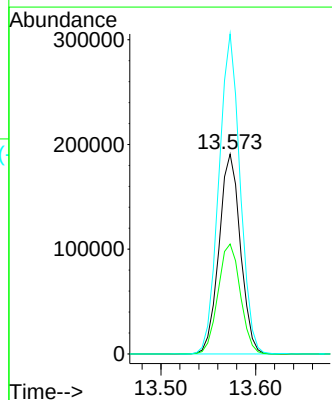
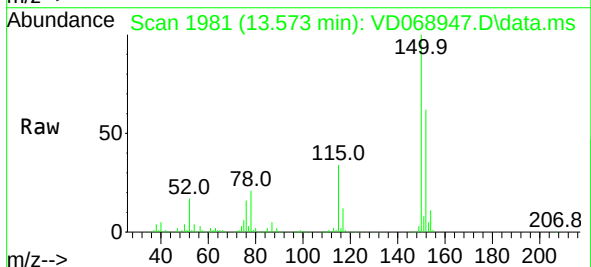
Instrument :
MSVOA_D
ClientSampleId :

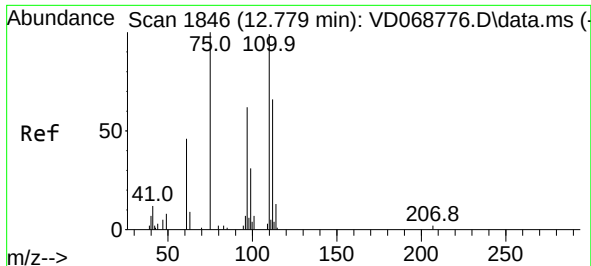
Tgt Ion:117 Resp: 640951
Ion Ratio Lower Upper
117 100
82 52.0 43.5 65.3
119 31.0 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

Tgt Ion:152 Resp: 299734
Ion Ratio Lower Upper
152 100
115 57.5 29.3 87.8
150 158.8 0.0 347.6

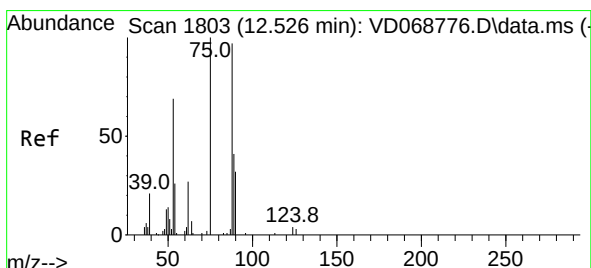
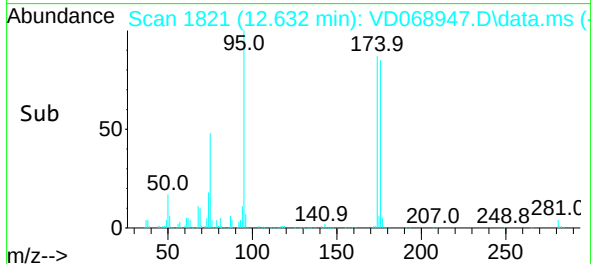
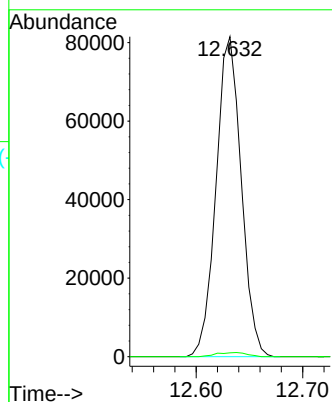
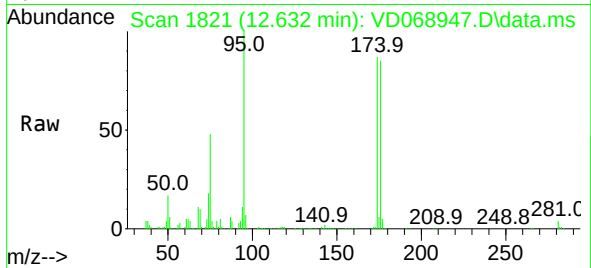




#76
1,2,3-Trichloropropane
Concen: 48.78 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 133567
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068947.D
Acq: 22 Apr 2021 12:34

Tgt Ion: 75 Resp: 133567
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 36.6 54.8#

