

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069082.D
 Acq On : 06 May 2021 18:25
 Operator : VA/SY
 Sample : M2266-01
 Misc : 5.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 07 01:11:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

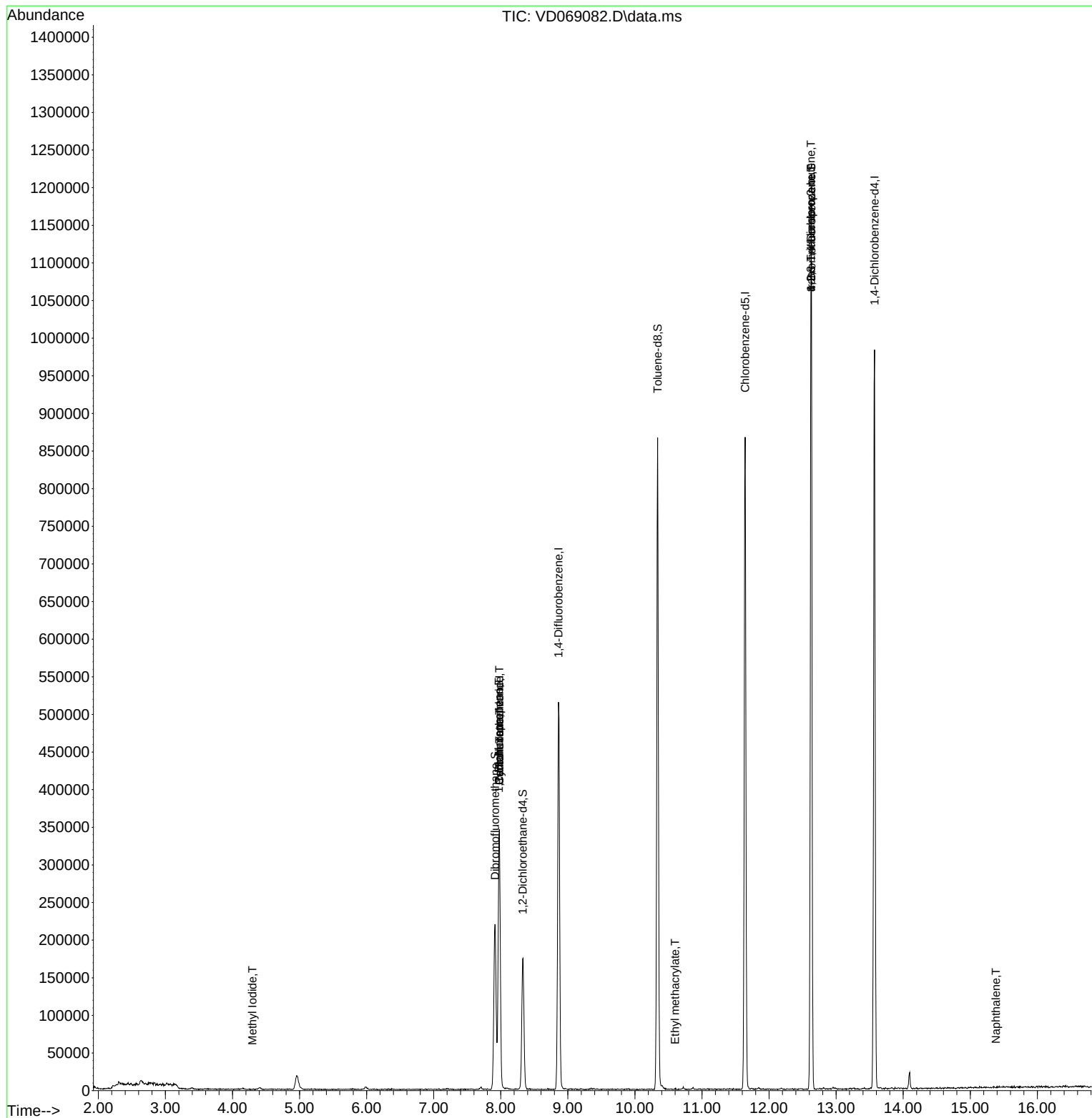
Internal Standards						
1) Pentafluorobenzene	7.979	168	250291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	447233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	513723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	263664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	141262	43.79	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.58%		
35) Dibromofluoromethane	7.914	113	157878	51.48	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.96%		
50) Toluene-d8	10.338	98	579245	51.16	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.32%		
62) 4-Bromofluorobenzene	12.632	95	244091	65.54	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	131.08%		
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	73	3.19	ug/l #	35
11) Tert butyl alcohol	5.238	59	113	Below Cal	#	81
16) Acetone	4.162	43	1850	Below Cal	#	44
20) Methylene Chloride	4.956	84	14894	Below Cal	#	82
31) Cyclohexane	7.979	56	6657	1.42	ug/l #	41
36) 1,1-Dichloropropene	7.973	75	21017	4.47	ug/l #	52
38) Carbon Tetrachloride	7.979	117	25866	5.07	ug/l #	18
56) Ethyl methacrylate	10.597	69	70	2.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	130888	57.02	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	130888	124.08	ug/l #	10
95) Naphthalene	15.384	128	208	2.85	ug/l #	63

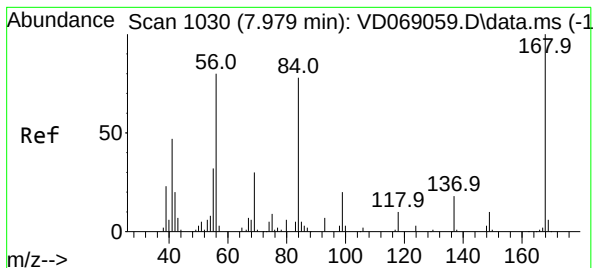
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
Data File : VD069082.D
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Misc : 5.43G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

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Quant Title : SW846 8260
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Response via : Initial Calibration

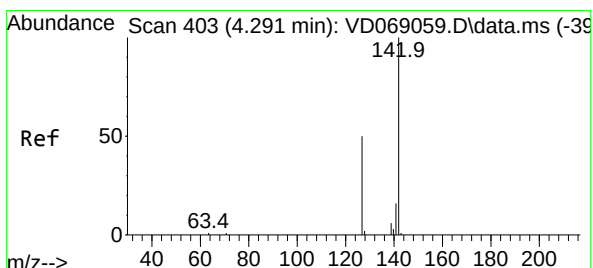
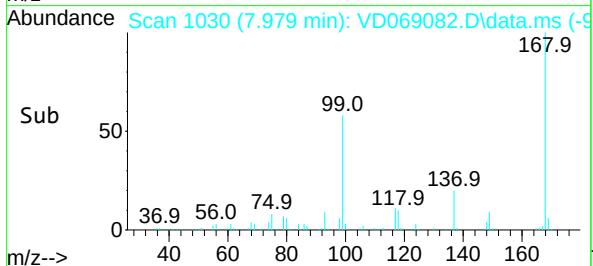
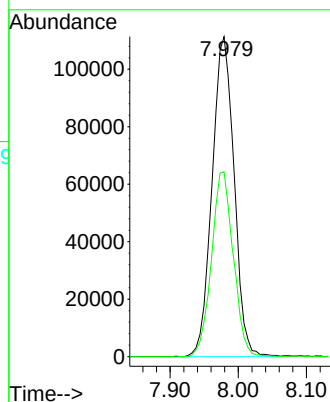
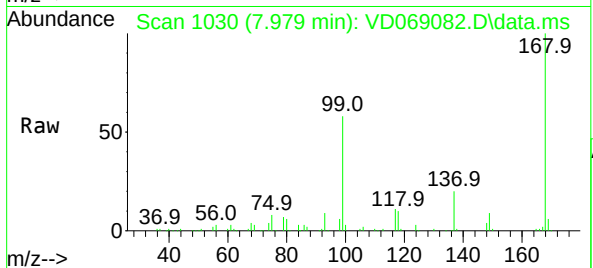




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

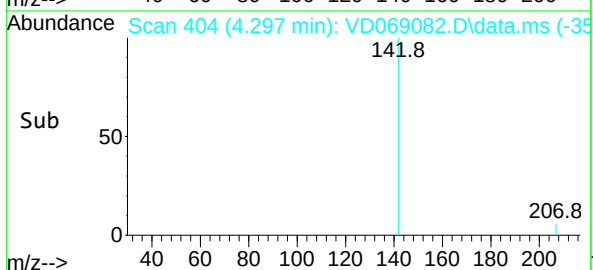
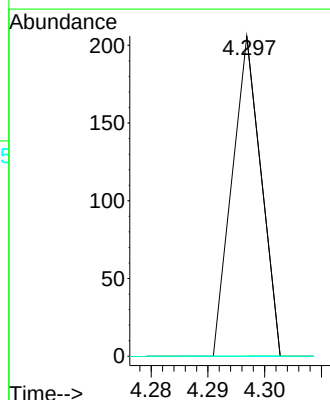
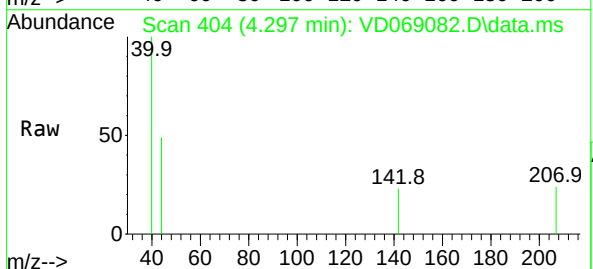
Instrument :
MSVOA_D
ClientSampled :

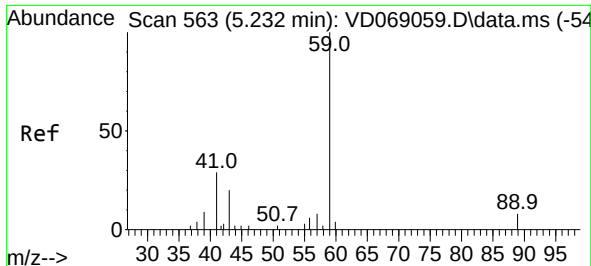
Tgt Ion:168 Resp: 250291
Ion Ratio Lower Upper
168 100
99 57.8 52.6 78.8



#10
Methyl Iodide
Concen: 3.19 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Tgt Ion:142 Resp: 73
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 12.2 18.4#

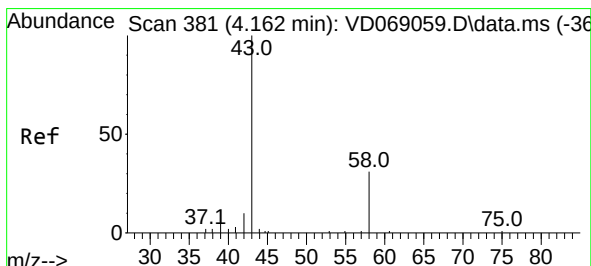
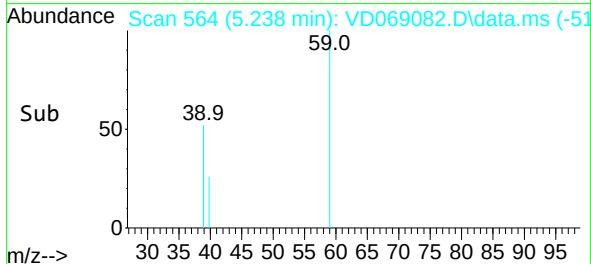
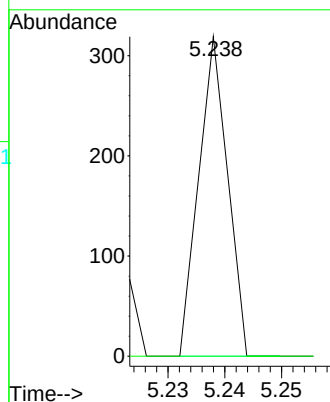
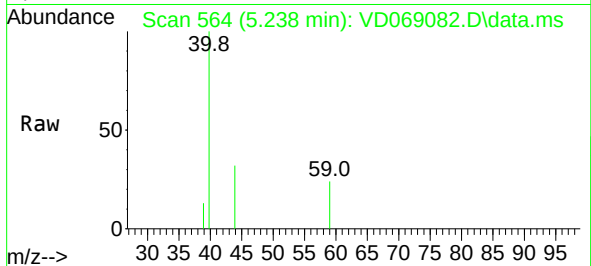




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.006 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

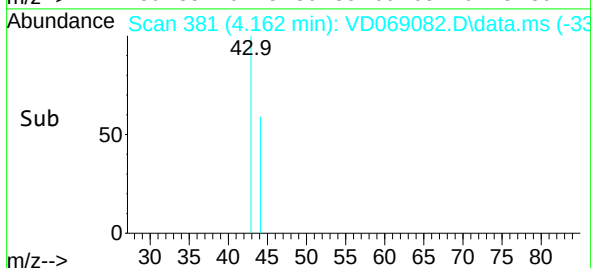
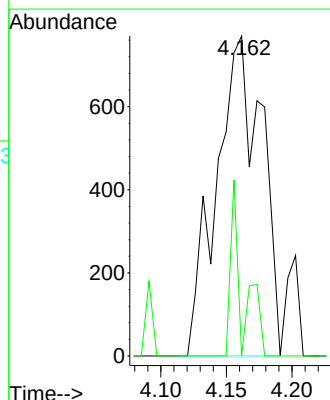
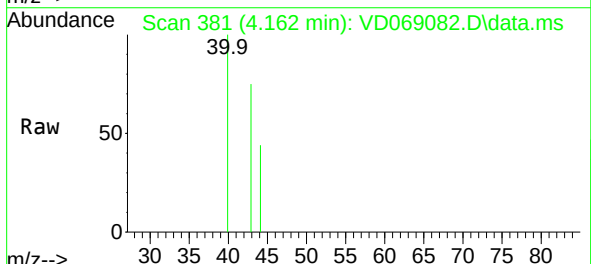
Instrument :
MSVOA_D
ClientSampled :

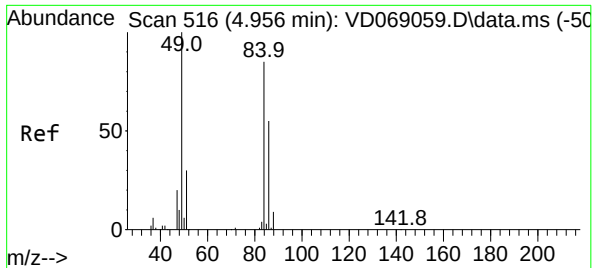
Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 5.3 7.9#



#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Tgt Ion: 43 Resp: 1850
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#

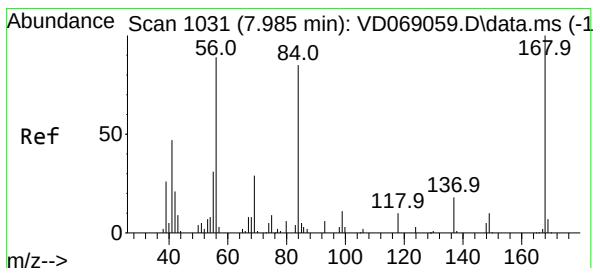
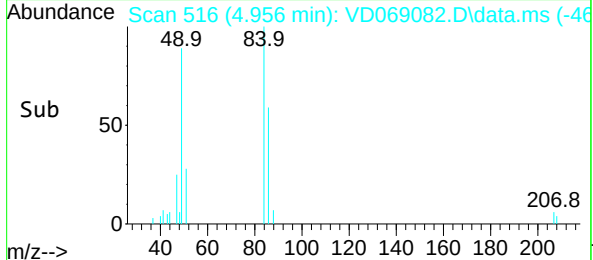
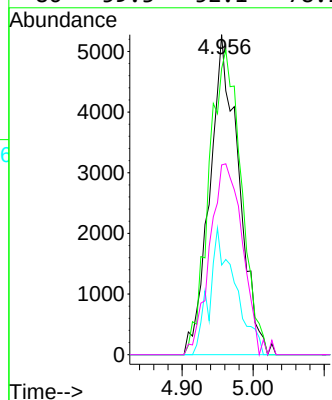
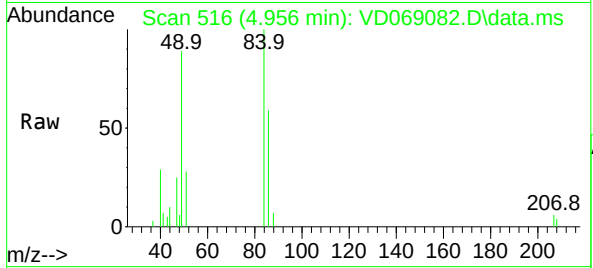




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

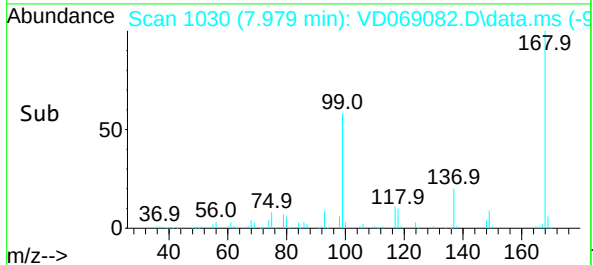
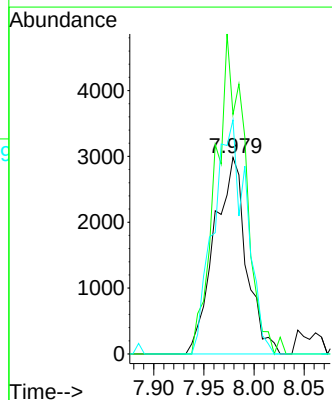
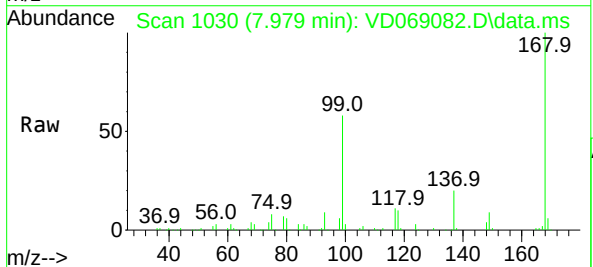
Instrument :
MSVOA_D
ClientSampled :

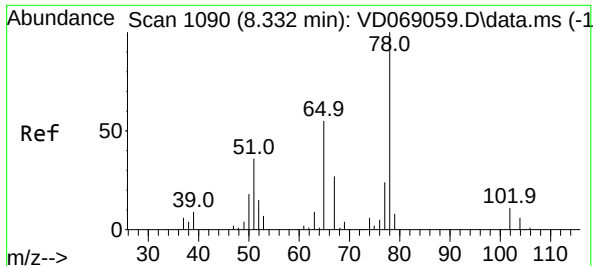
Tgt Ion:	84	Resp:	14894
Ion	Ratio	Lower	Upper
84	100		
49	89.4	93.9	140.9#
51	28.0	27.9	41.9
86	59.3	52.1	78.1



#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Tgt Ion:	56	Resp:	6657
Ion	Ratio	Lower	Upper
56	100		
69	121.9	26.3	39.5#
84	119.1	75.9	113.9#

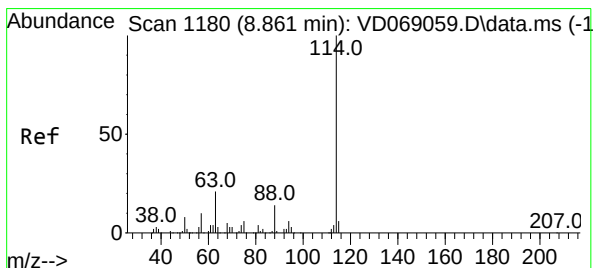
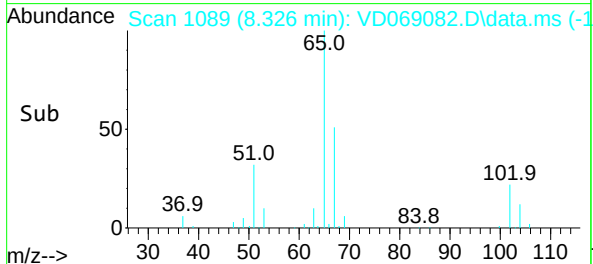
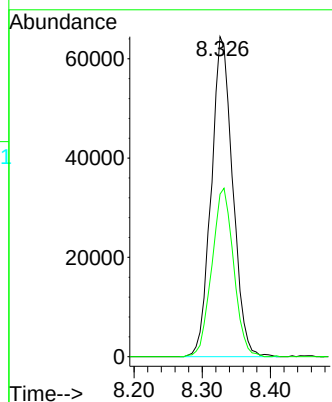
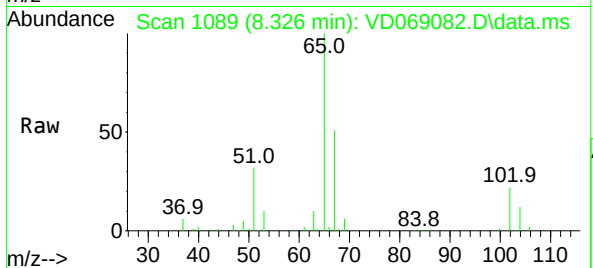




#33
1,2-Dichloroethane-d4
Concen: 43.79 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

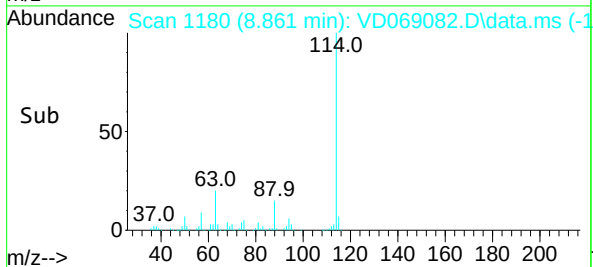
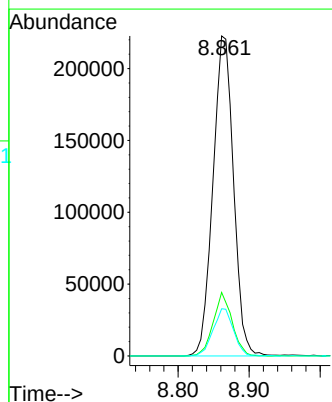
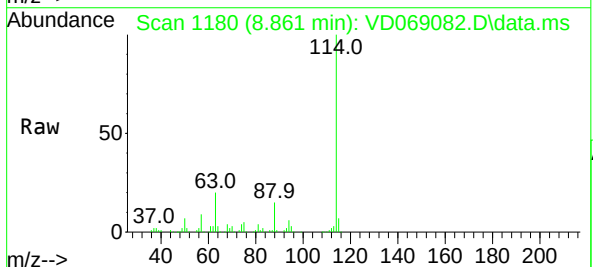
Instrument :
MSVOA_D
ClientSampled :

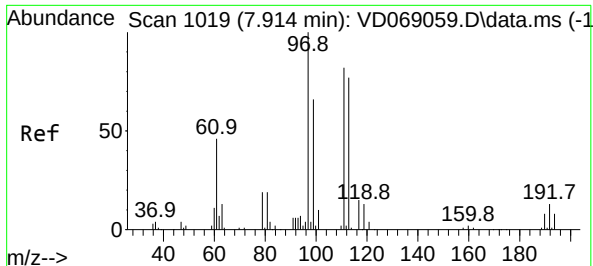
Tgt Ion: 65 Resp: 141262
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Tgt Ion: 114 Resp: 447233
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.4
88 14.7 0.0 27.8

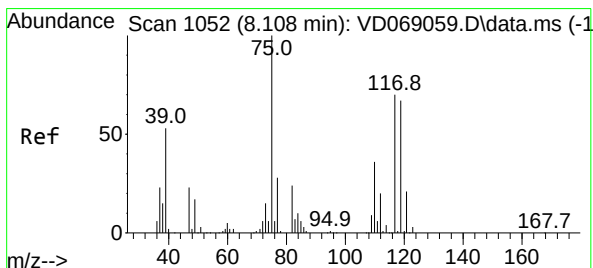
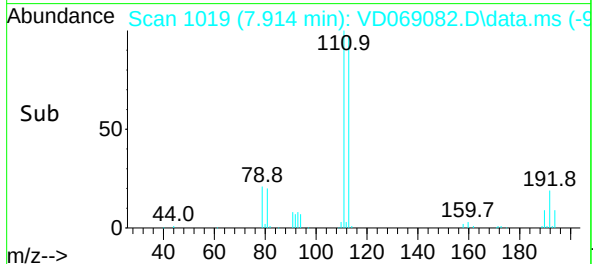
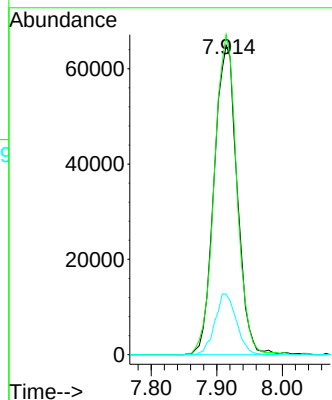
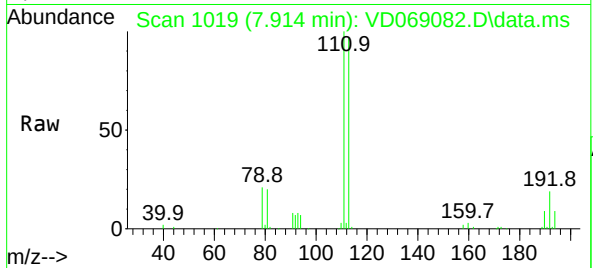




#35
Dibromofluoromethane
Concen: 51.48 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

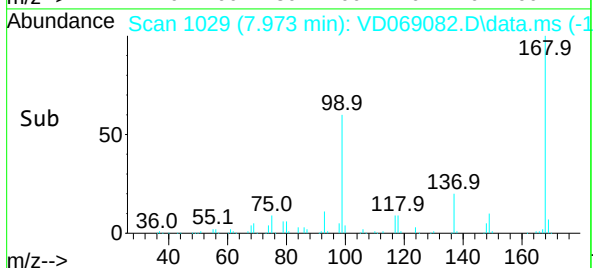
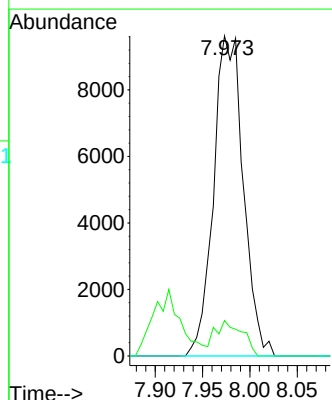
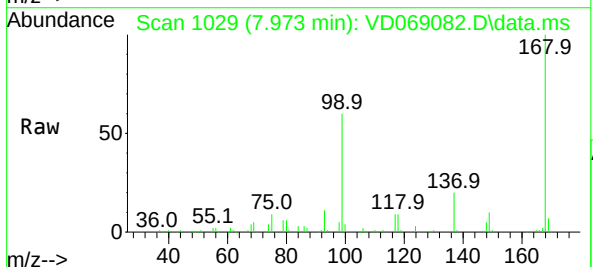
Instrument :
MSVOA_D
ClientSampleId :

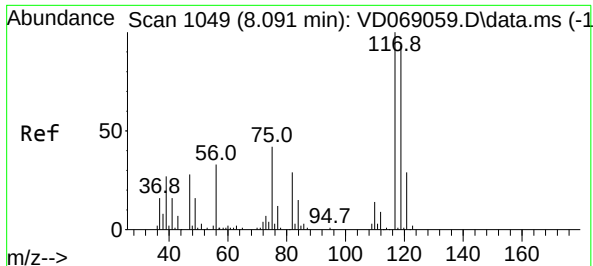
Tgt Ion:113 Resp: 157878
Ion Ratio Lower Upper
113 100
111 101.1 84.6 126.8
192 18.4 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

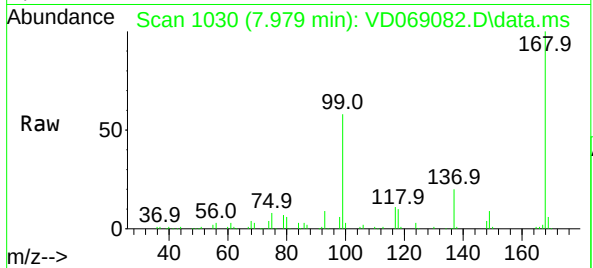
Tgt Ion: 75 Resp: 21017
Ion Ratio Lower Upper
75 100
110 9.9 17.3 51.7#
77 0.0 23.9 35.9#



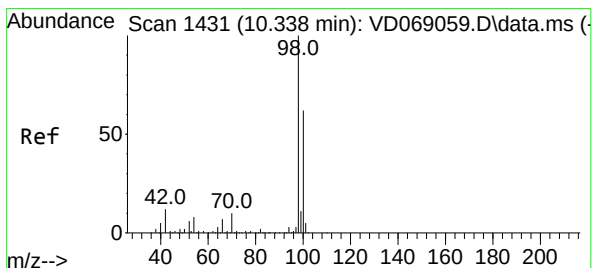
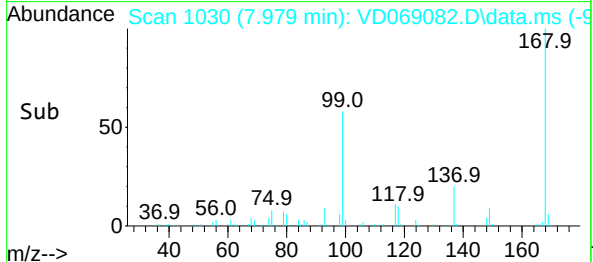
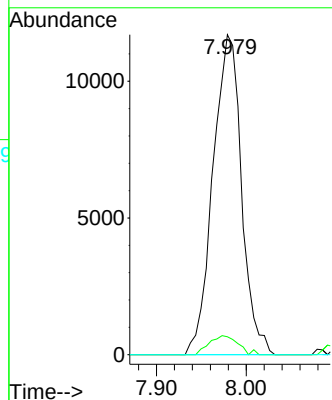


#38
Carbon Tetrachloride
Concen: 5.07 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Instrument :
MSVOA_D
ClientSampled :

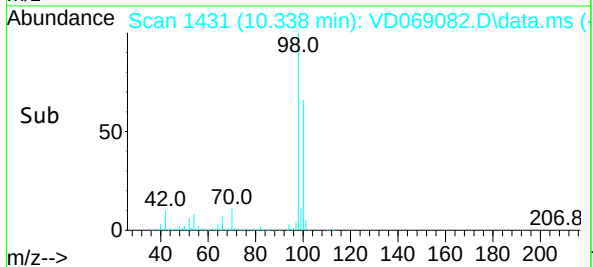
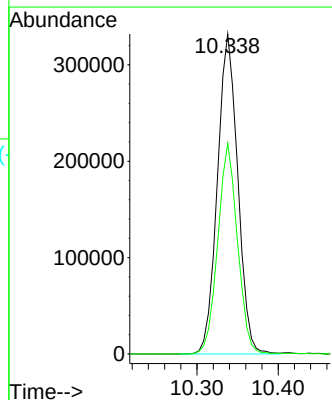
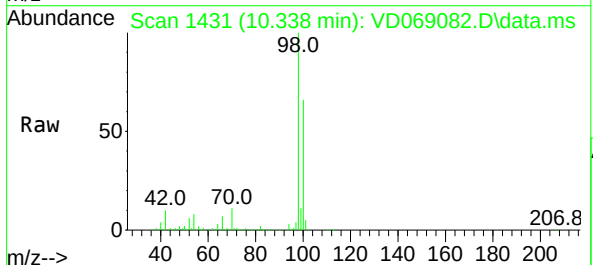


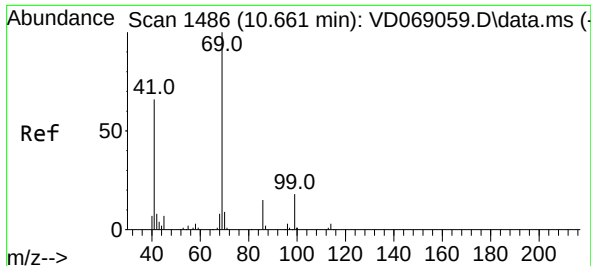
Tgt Ion:117 Resp: 25866
Ion Ratio Lower Upper
117 100
119 5.6 74.7 112.1#
121 0.0 23.1 34.7#



#50
Toluene-d8
Concen: 51.16 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

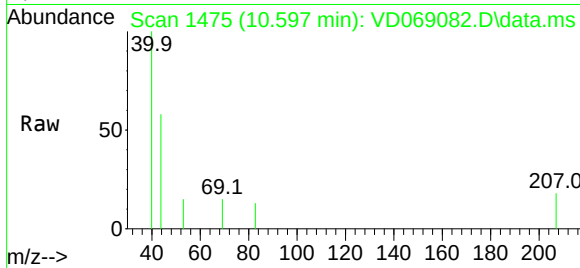
Tgt Ion: 98 Resp: 579245
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



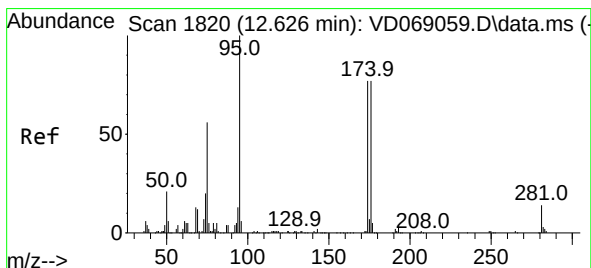
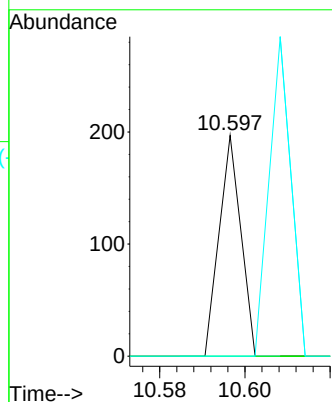
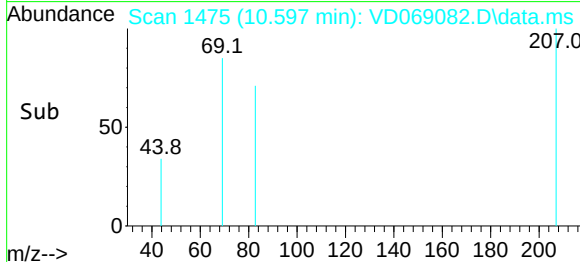


#56
Ethyl methacrylate
Concen: 2.40 ug/l
RT: 10.597 min Scan# 1475
Delta R.T. -0.064 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

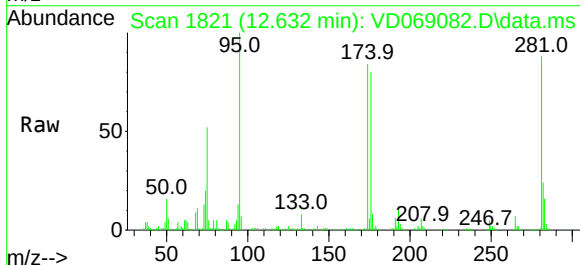
Instrument :
MSVOA_D
ClientSampled :



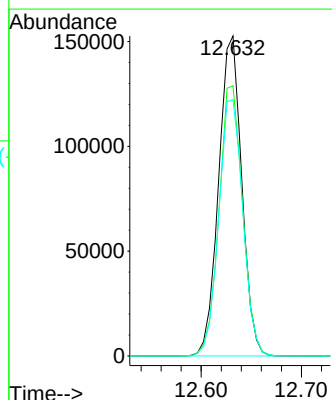
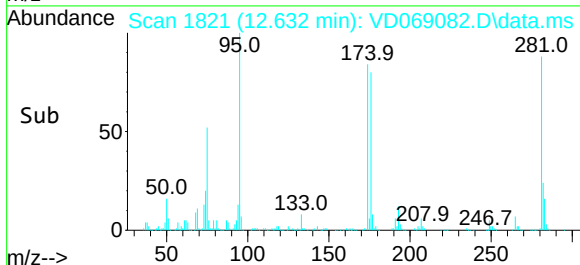
Tgt Ion: 69 Resp: 70
Ion Ratio Lower Upper
69 100
41 0.0 49.2 73.8#
39 144.3 29.8 44.6#

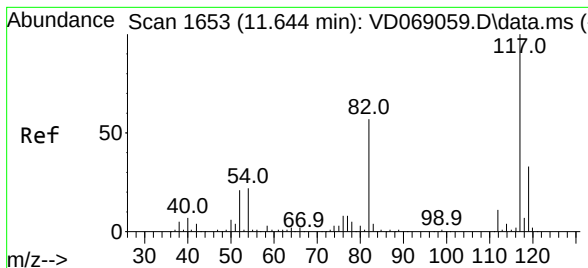


#62
4-Bromofluorobenzene
Concen: 65.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25



Tgt Ion: 95 Resp: 244091
Ion Ratio Lower Upper
95 100
174 86.3 0.0 156.0
176 83.5 0.0 149.4

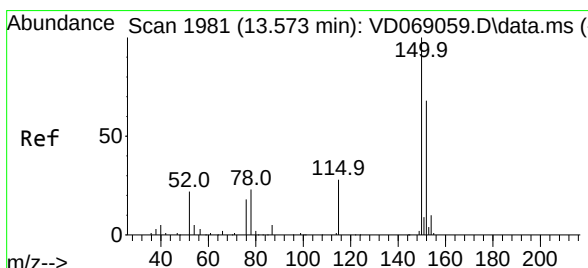
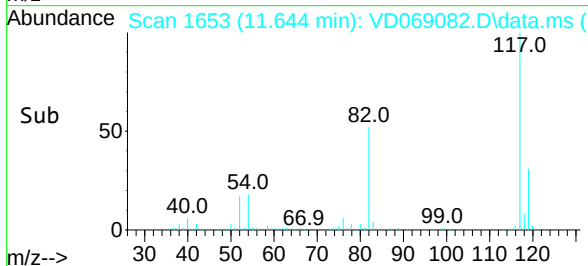
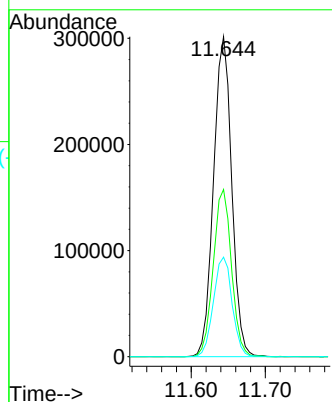
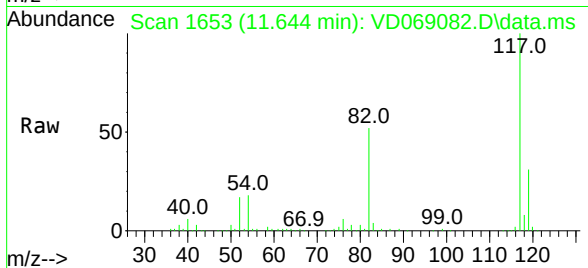




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

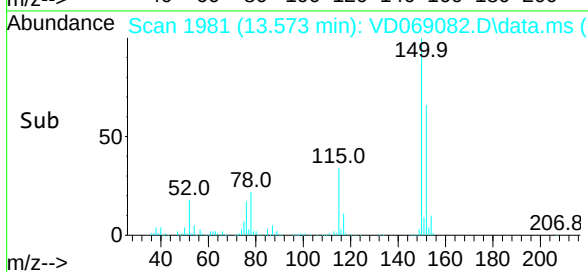
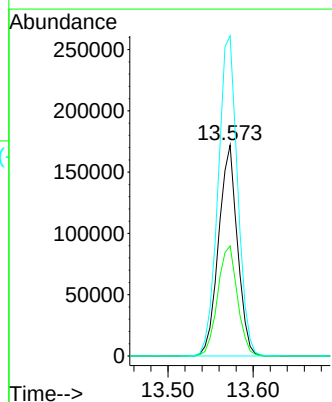
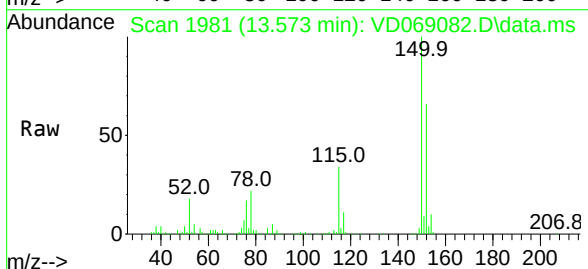
Instrument :
MSVOA_D
ClientSampled :

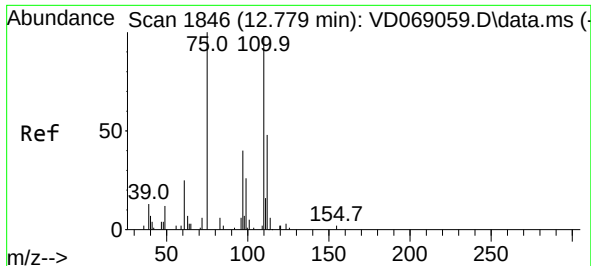
Tgt Ion:117 Resp: 513723
Ion Ratio Lower Upper
117 100
82 52.2 45.4 68.2
119 31.1 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Tgt Ion:152 Resp: 263664
Ion Ratio Lower Upper
152 100
115 54.9 30.5 91.5
150 157.4 0.0 340.8

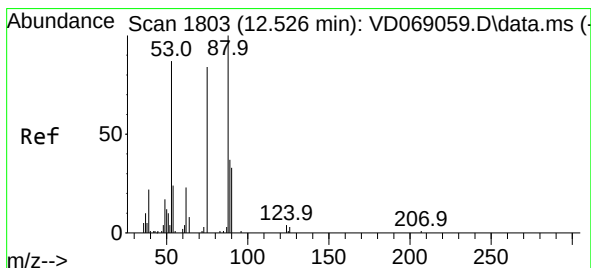
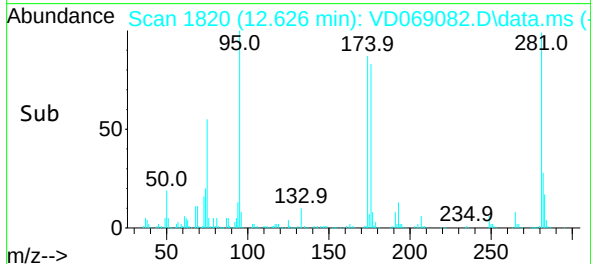
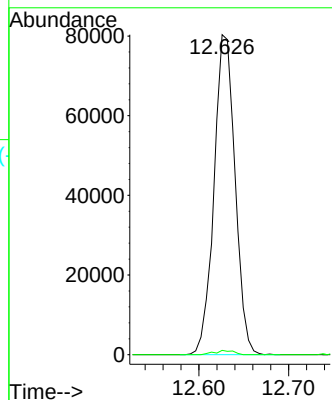
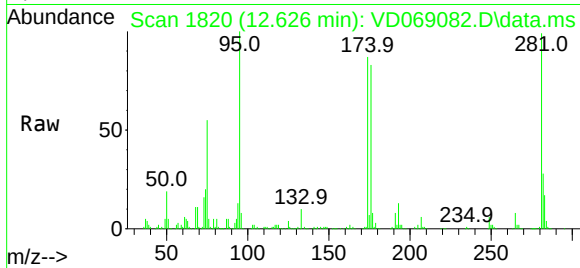




#76
1,2,3-Trichloropropane
Concen: 57.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

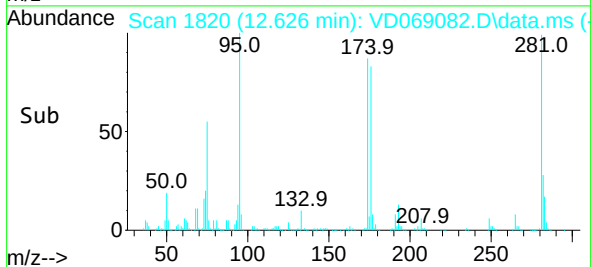
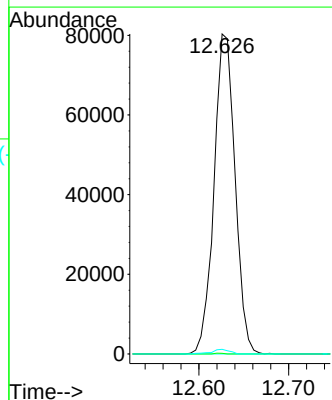
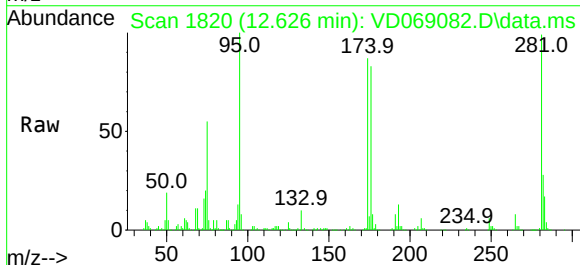
Instrument :
MSVOA_D
ClientSampled :

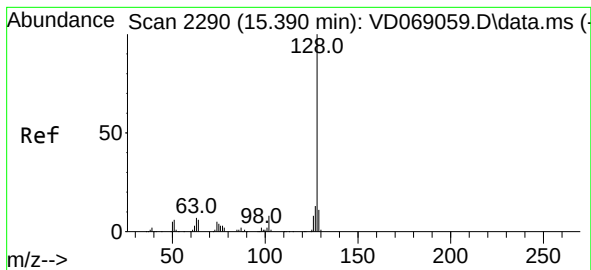
Tgt Ion: 75 Resp: 130888
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.08 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

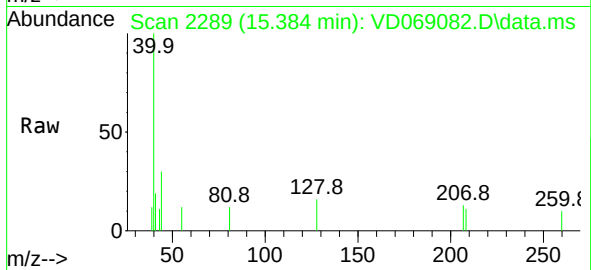
Tgt Ion: 75 Resp: 130888
Ion Ratio Lower Upper
75 100
53 0.1 80.4 120.6#
89 1.3 37.8 56.8#





#95
Naphthalene
Concen: 2.85 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069082.D
Acq: 06 May 2021 18:25

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	30.8	10.7	16.1#
129	0.0	8.5	12.7#

