

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050621\
 Data File : VD069079.D
 Acq On : 06 May 2021 16:56
 Operator : VA/SY
 Sample : M2296-01
 Misc : 7.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 07 01:11:01 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)

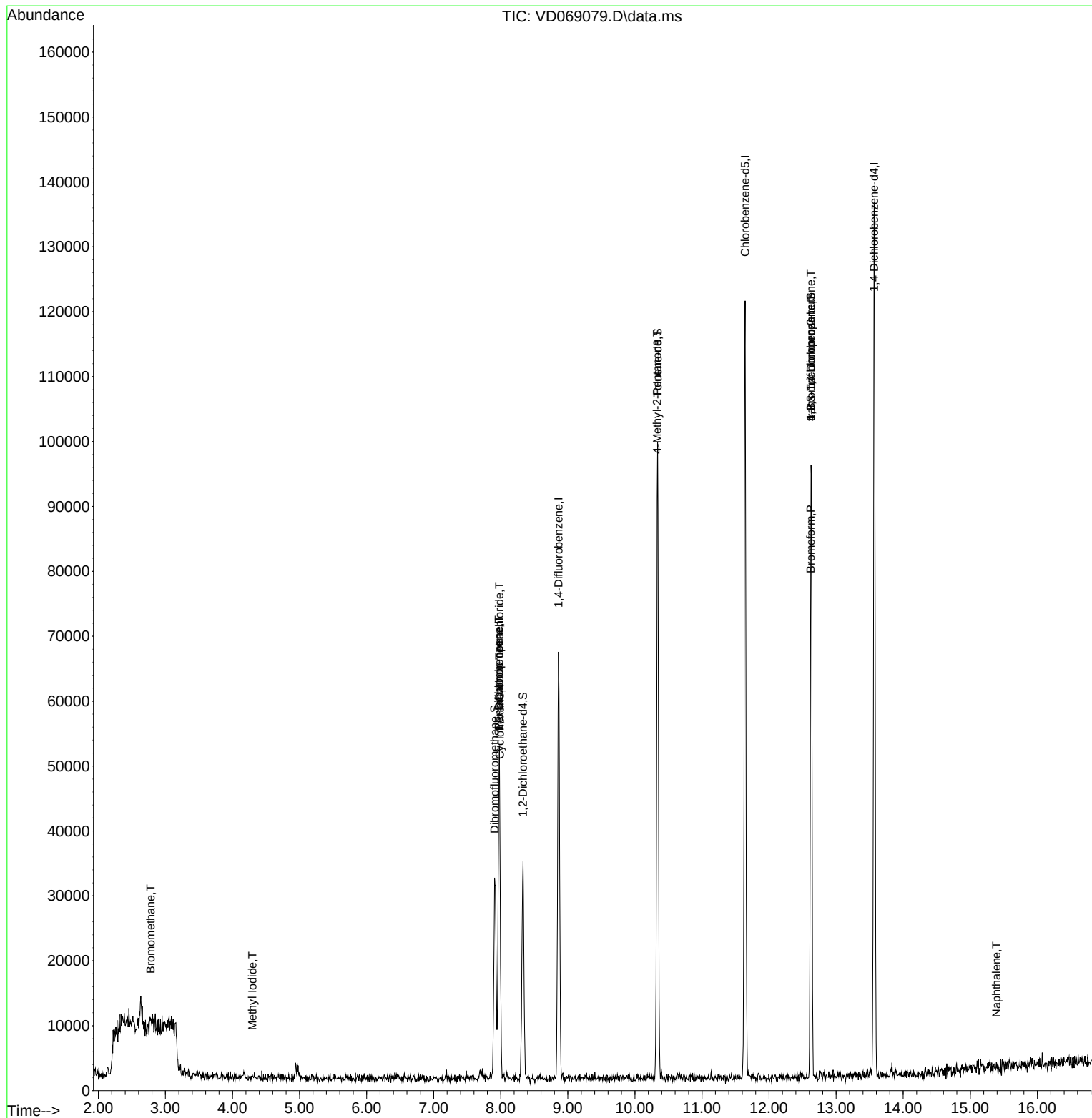
Internal Standards						
1) Pentafluorobenzene	7.973	168	34486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	57187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	72029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	37243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	24810	55.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.64%			
35) Dibromofluoromethane	7.908	113	22835	58.23	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.46%			
50) Toluene-d8	10.338	98	66618	46.01	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.02%			
62) 4-Bromofluorobenzene	12.626	95	29640	62.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 124.48%			
Target Compounds						Qvalue
5) Bromomethane	2.779	94	1204	2.96	ug/l #	60
10) Methyl Iodide	4.297	142	257	3.83	ug/l #	35
11) Tert butyl alcohol	5.244	59	61	Below Cal	#	81
20) Methylene Chloride	4.938	84	489	Below Cal	#	22
31) Cyclohexane	7.985	56	1116	1.73	ug/l #	60
36) 1,1-Dichloropropene	7.973	75	3299	5.48	ug/l #	45
38) Carbon Tetrachloride	7.979	117	3793	5.81	ug/l #	19
51) 4-Methyl-2-Pentanone	10.332	43	610	2.80	ug/l #	1
71) Bromoform	12.620	173	516	1.81	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	15904	49.05	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	15904	106.74	ug/l #	9
95) Naphthalene	15.390	128	941	3.53	ug/l #	69

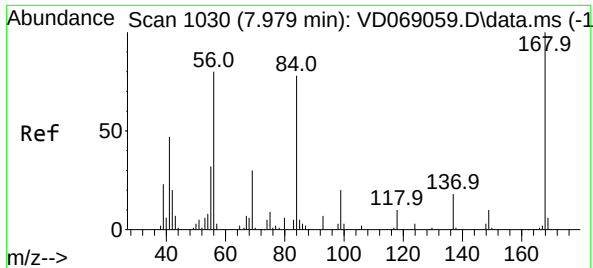
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: May 07 01:11:01 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

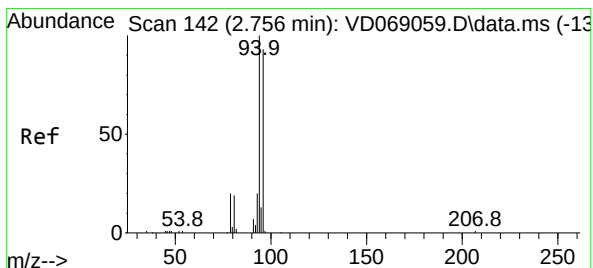
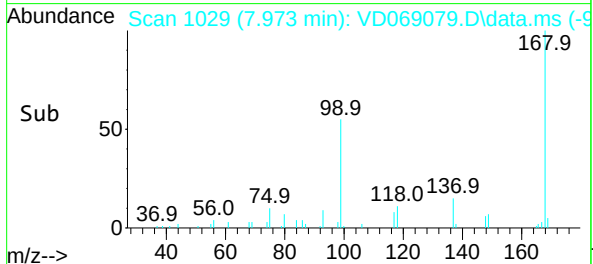
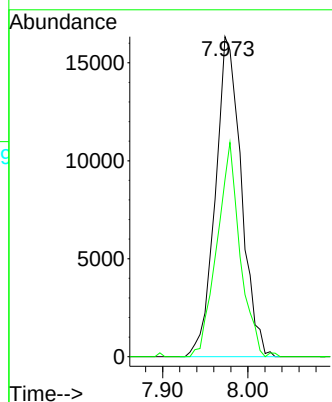
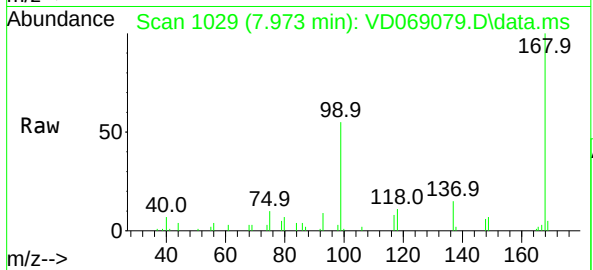




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

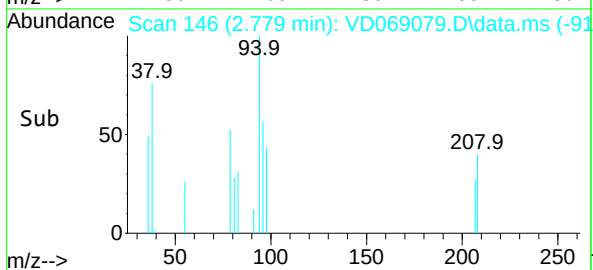
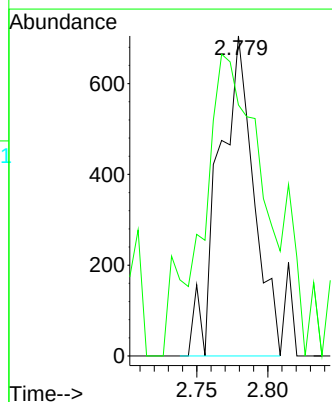
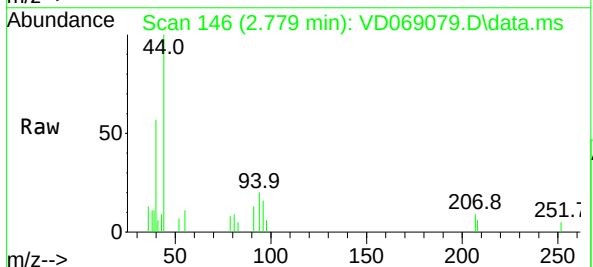
Instrument :
MSVOA_D
ClientSampleId :

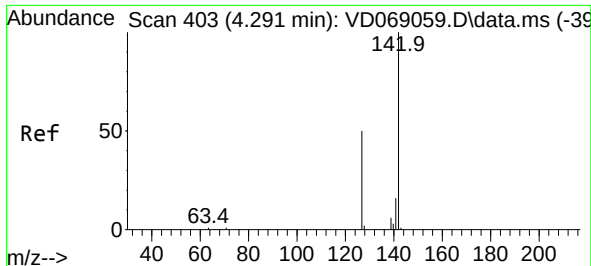
Tgt Ion:168 Resp: 34486
Ion Ratio Lower Upper
168 100
99 55.4 52.6 78.8



#5
Bromomethane
Concen: 2.96 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.023 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Tgt Ion: 94 Resp: 1204
Ion Ratio Lower Upper
94 100
96 54.6 74.3 111.5#

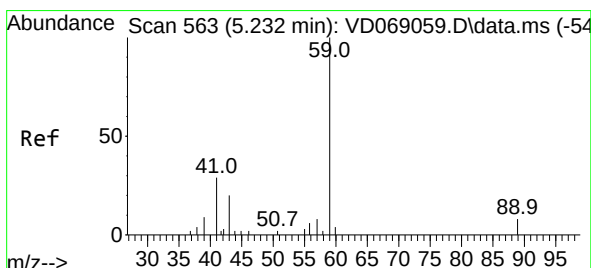
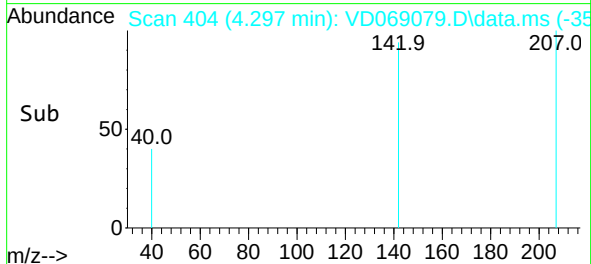
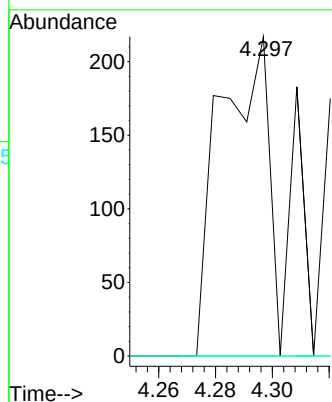
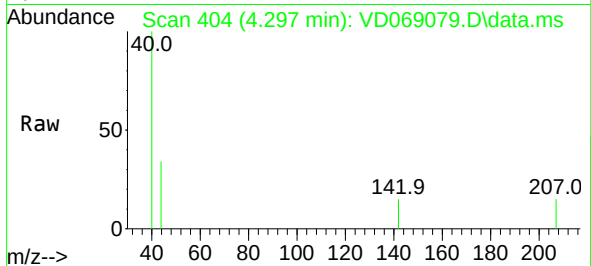




#10
Methyl Iodide
Concen: 3.83 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

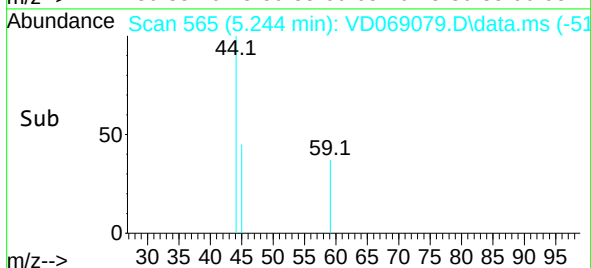
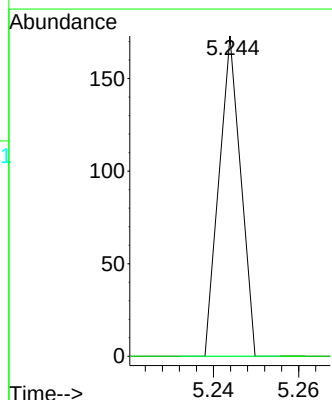
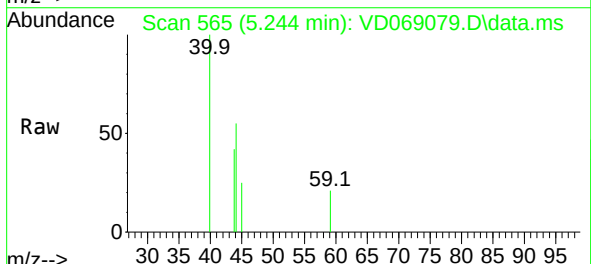
Instrument :
MSVOA_D
ClientSampled :

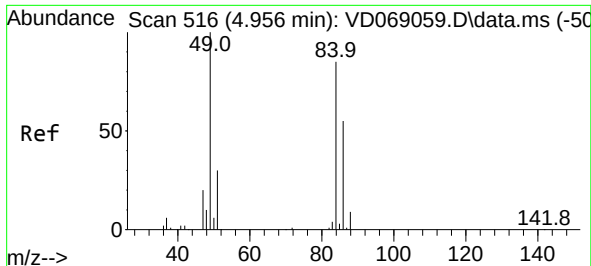
Tgt Ion:142 Resp: 257
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 12.2 18.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.244 min Scan# 565
Delta R.T. 0.012 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

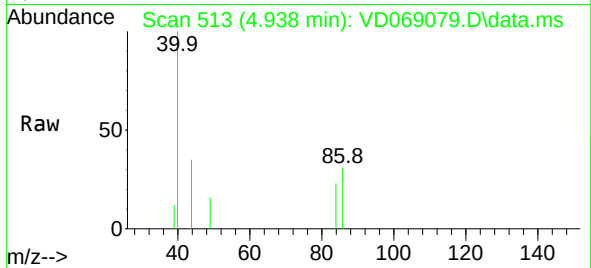
Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 5.3 7.9#





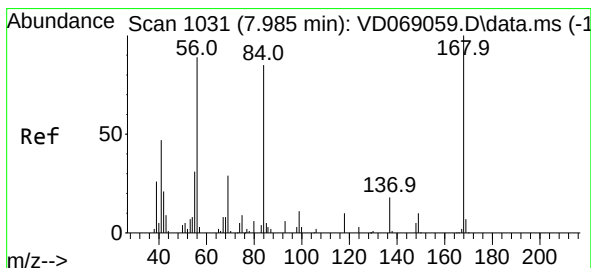
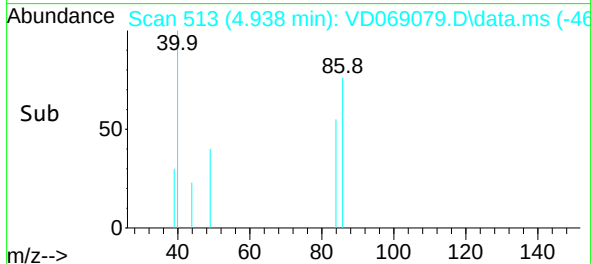
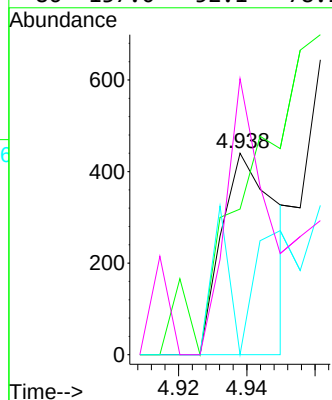
#20
Methylene Chloride
Concen: Below Cal
RT: 4.938 min Scan# 513
Delta R.T. -0.018 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 84 Resp: 489

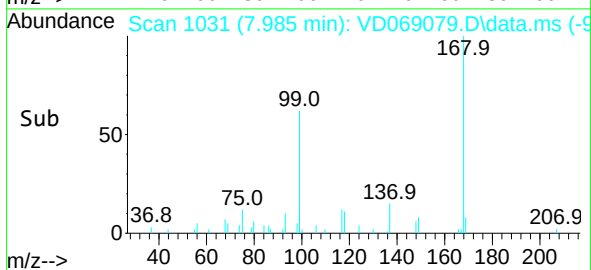
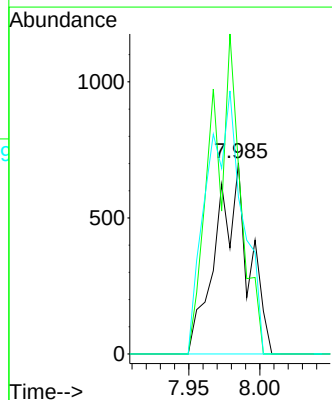
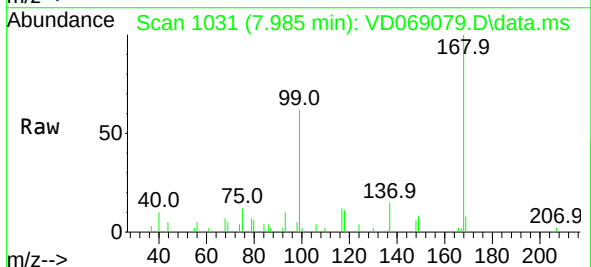
Ion	Ratio	Lower	Upper
84	100		
49	34.5	93.9	140.9#
51	0.0	27.9	41.9#
86	137.0	52.1	78.1#

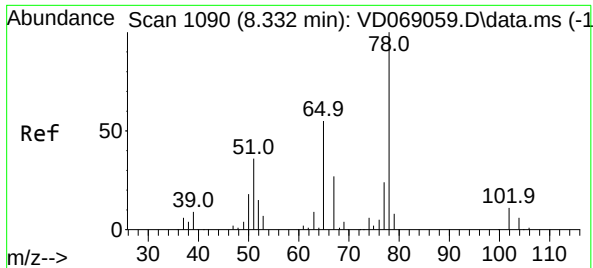


#31
Cyclohexane
Concen: 1.73 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Tgt Ion: 56 Resp: 1116

Ion	Ratio	Lower	Upper
56	100		
69	98.4	26.3	39.5#
84	82.2	75.9	113.9

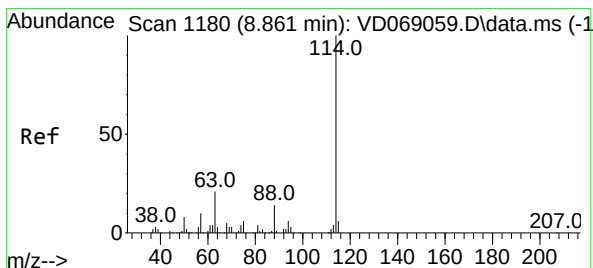
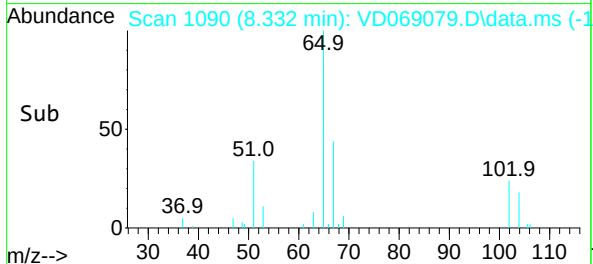
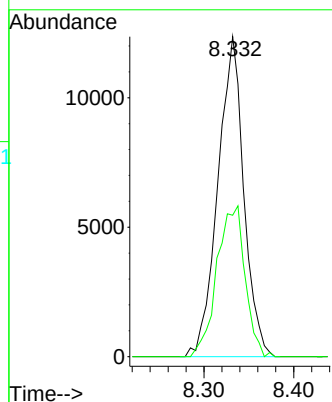
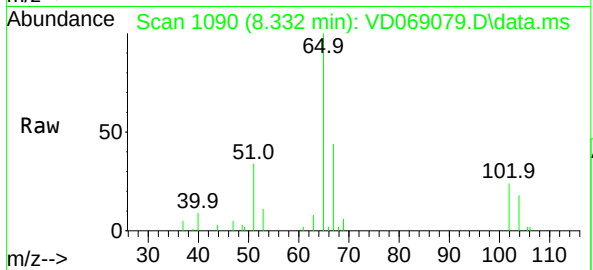




#33
1,2-Dichloroethane-d4
Concen: 55.82 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

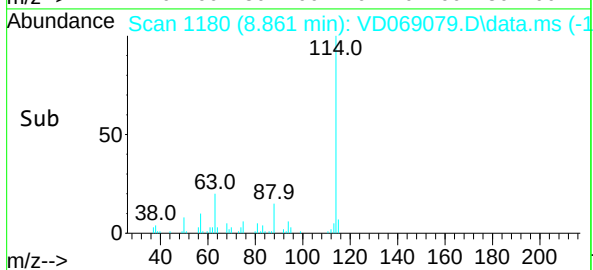
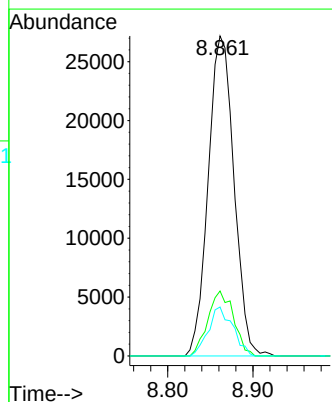
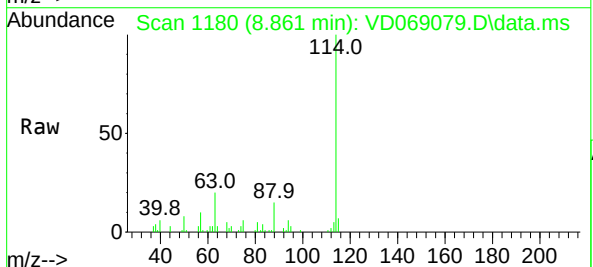
Instrument :
MSVOA_D
ClientSampled :

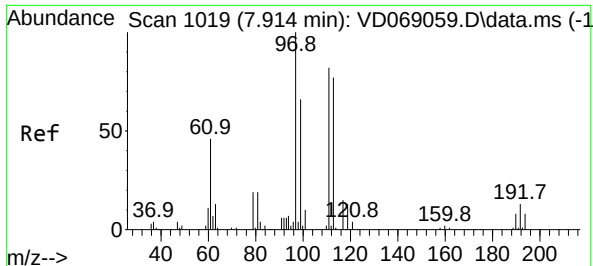
Tgt Ion: 65 Resp: 24810
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Tgt Ion: 114 Resp: 57187
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.4
88 15.3 0.0 27.8





#35

Dibromofluoromethane

Concen: 58.23 ug/l

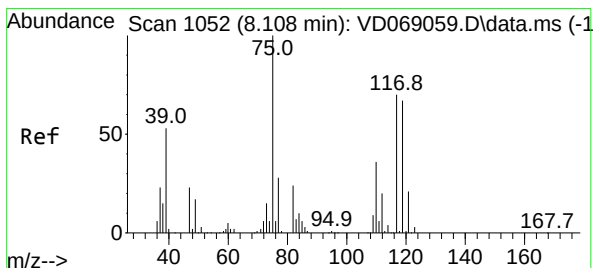
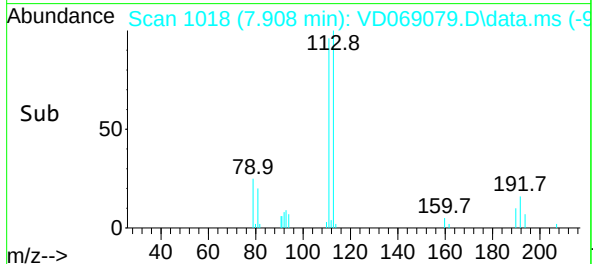
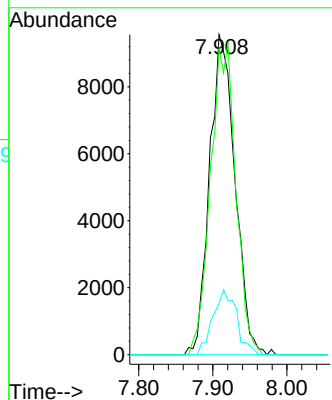
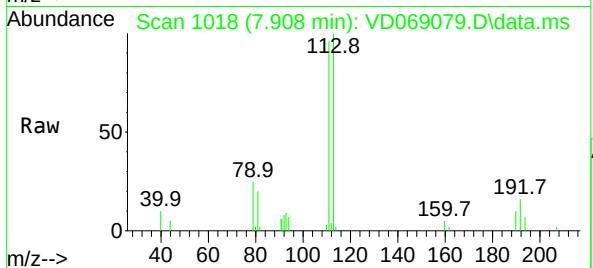
RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD069079.D

Acq: 06 May 2021 16:56

Tgt Ion:	113	Resp:	22835
Ion	Ratio	Lower	Upper
113	100		
111	96.7	84.6	126.8
192	18.8	13.5	20.3



#36

1,1-Dichloropropene

Concen: 5.48 ug/l

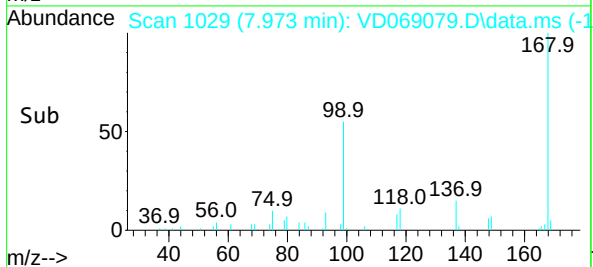
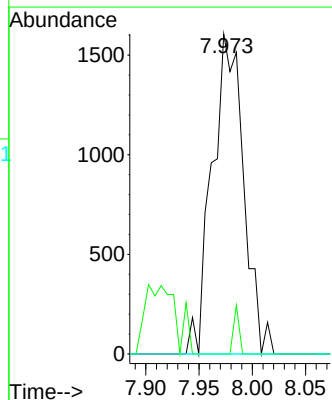
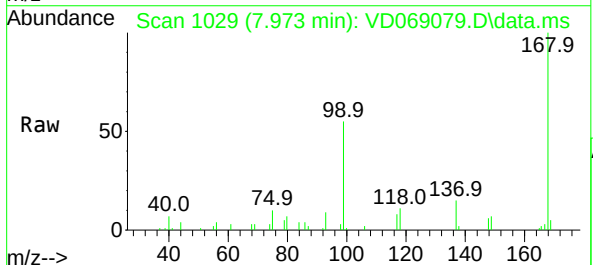
RT: 7.973 min Scan# 1029

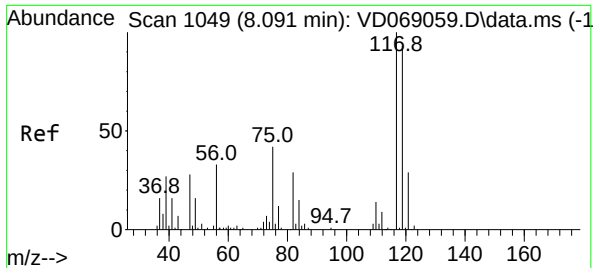
Delta R.T. -0.135 min

Lab File: VD069079.D

Acq: 06 May 2021 16:56

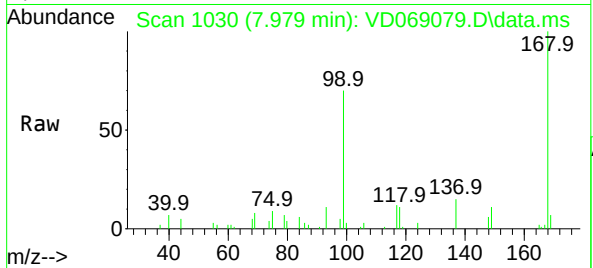
Tgt Ion:	75	Resp:	3299
Ion	Ratio	Lower	Upper
75	100		
110	2.6	17.3	51.7#
77	0.0	23.9	35.9#



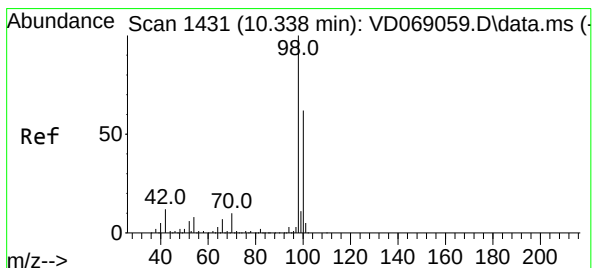
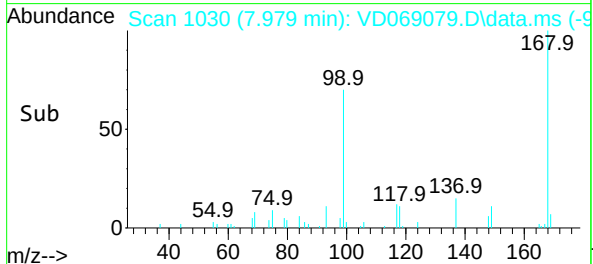
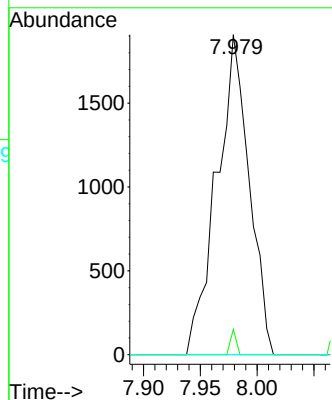


#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Instrument :
MSVOA_D
ClientSampleId :

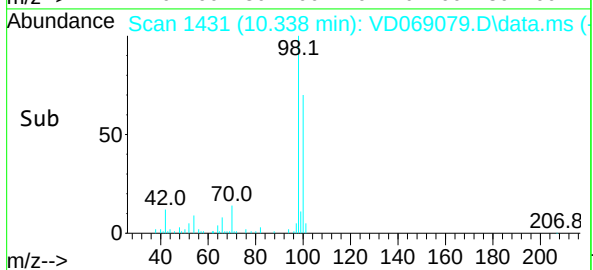
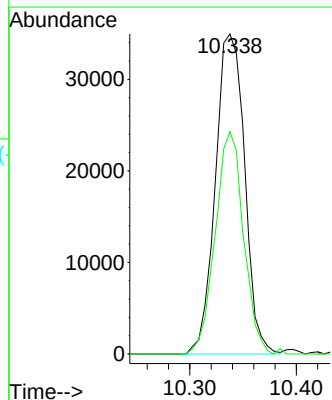
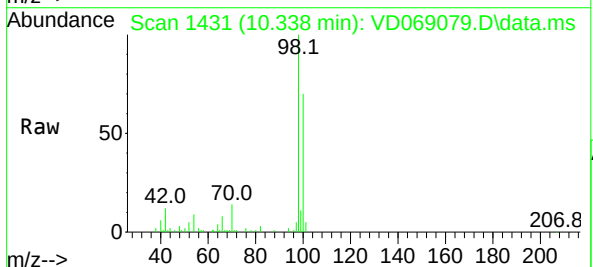


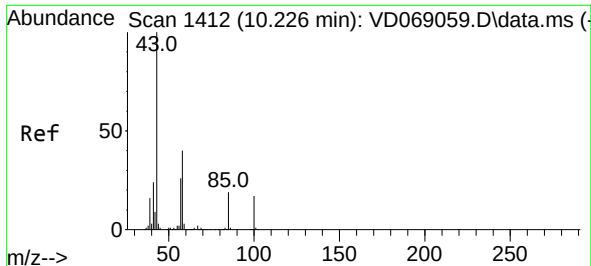
Tgt Ion:117 Resp: 3793
Ion Ratio Lower Upper
117 100
119 7.9 74.7 112.1#
121 0.0 23.1 34.7#



#50
Toluene-d8
Concen: 46.01 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Tgt Ion: 98 Resp: 66618
Ion Ratio Lower Upper
98 100
100 67.1 51.6 77.4

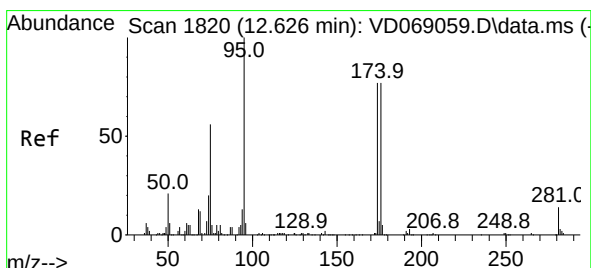
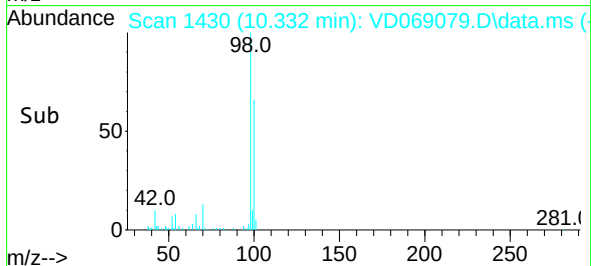
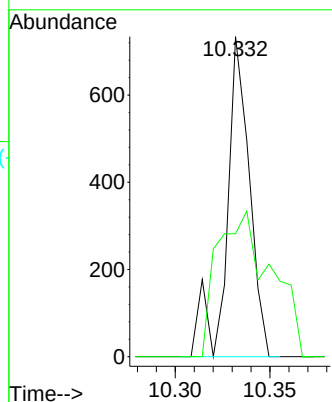
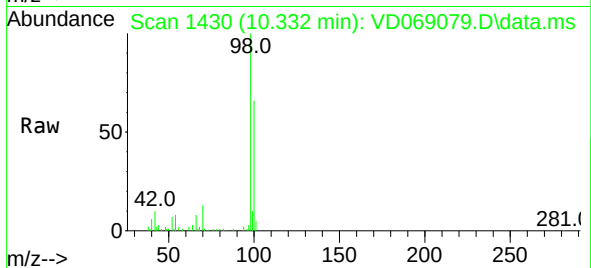




#51
4-Methyl-2-Pentanone
Concen: 2.80 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

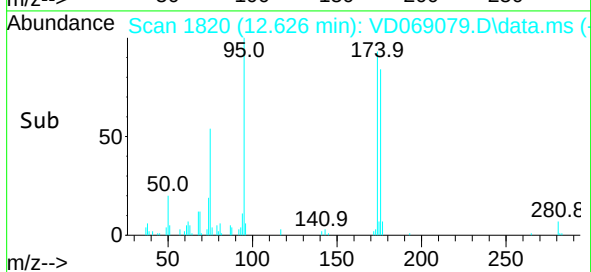
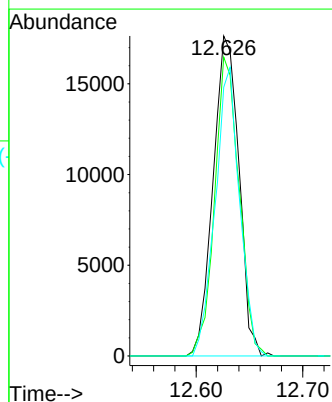
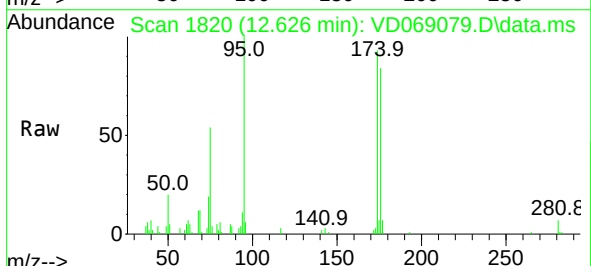
Instrument :
MSVOA_D
ClientSampleId :

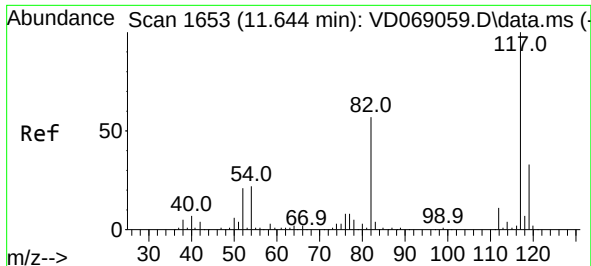
Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
58 108.2 32.7 49.1#



#62
4-Bromofluorobenzene
Concen: 62.24 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Tgt Ion: 95 Resp: 29640
Ion Ratio Lower Upper
95 100
174 88.8 0.0 156.0
176 85.2 0.0 149.4

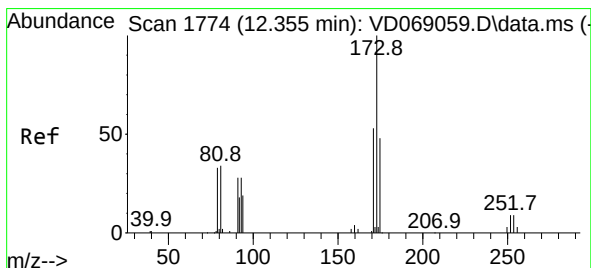
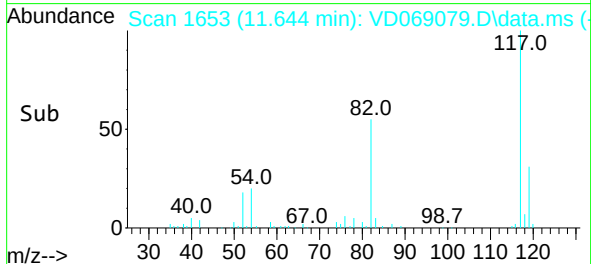
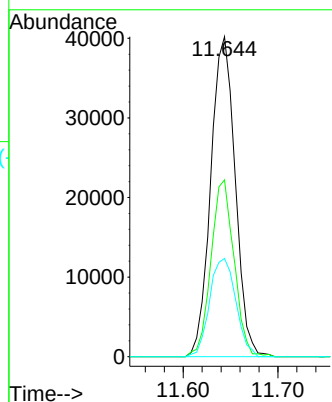
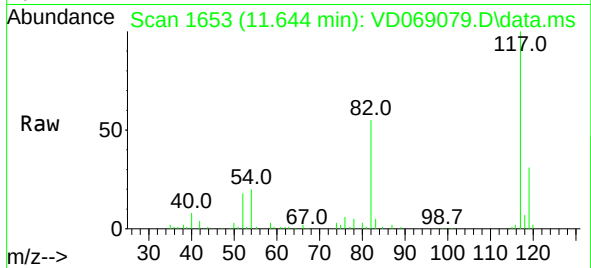




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

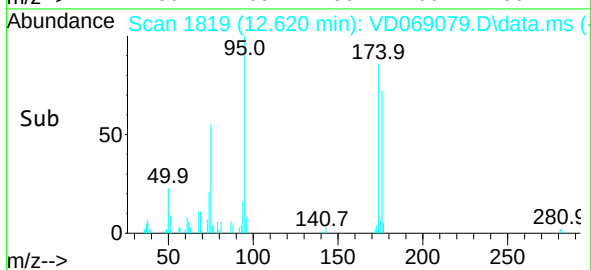
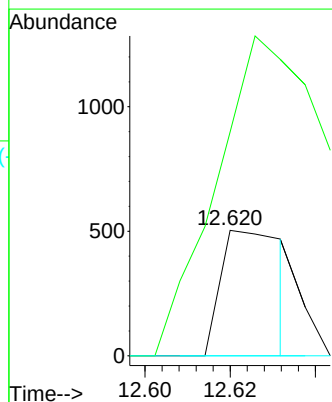
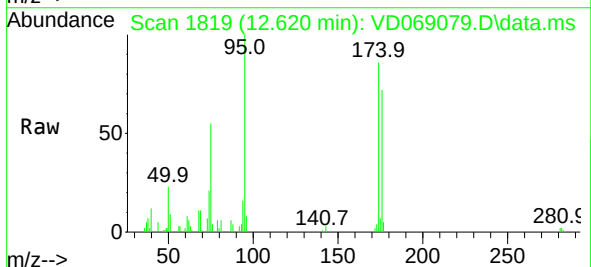
Instrument :
MSVOA_D
ClientSampleId :

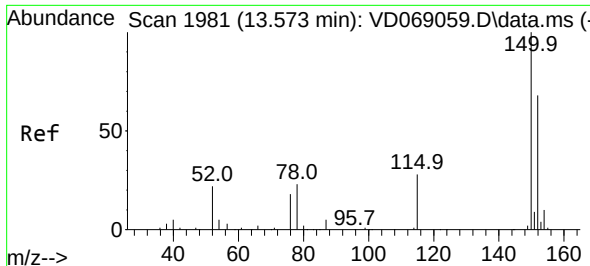
Tgt Ion:117 Resp: 72029
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 30.7 26.8 40.2



#71
Bromoform
Concen: 1.81 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Tgt Ion:173 Resp: 516
Ion Ratio Lower Upper
173 100
175 286.6 23.8 71.4#
254 0.0 0.0 0.0

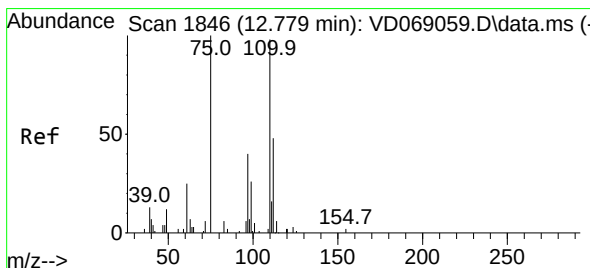
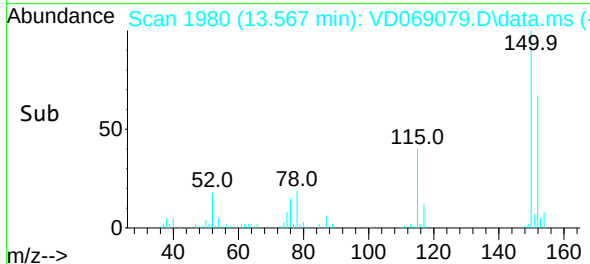
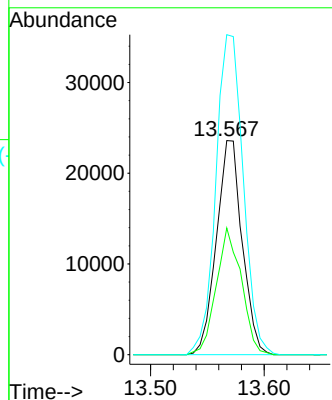
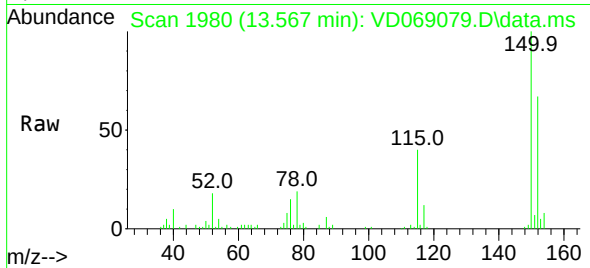




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD069079.D
 Acq: 06 May 2021 16:56

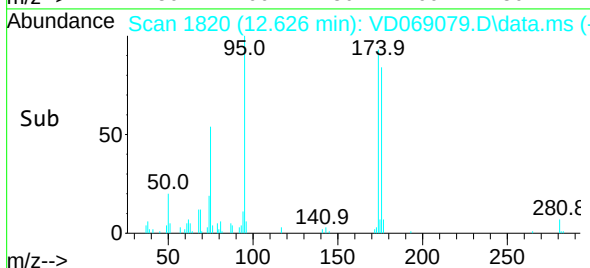
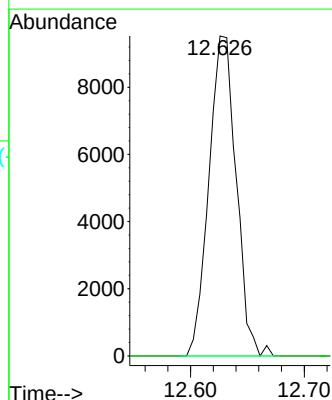
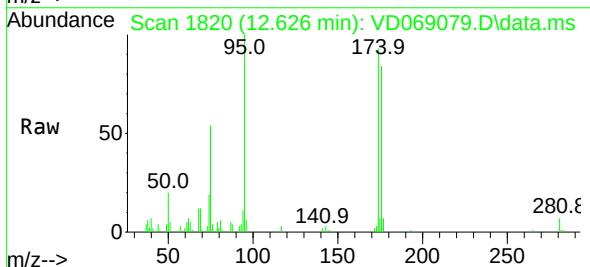
Instrument :
 MSVOA_D
 ClientSampleId :

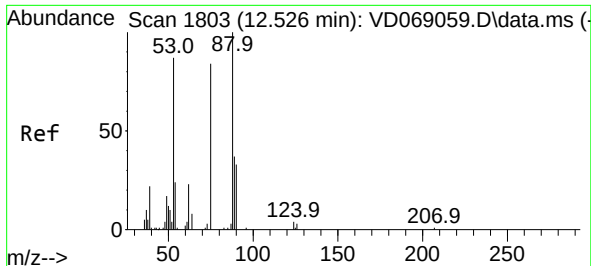
Tgt Ion:152 Resp: 37243
 Ion Ratio Lower Upper
 152 100
 115 57.7 30.5 91.5
 150 158.7 0.0 340.8



#76
 1,2,3-Trichloropropane
 Concen: 49.05 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.153 min
 Lab File: VD069079.D
 Acq: 06 May 2021 16:56

Tgt Ion: 75 Resp: 15904
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

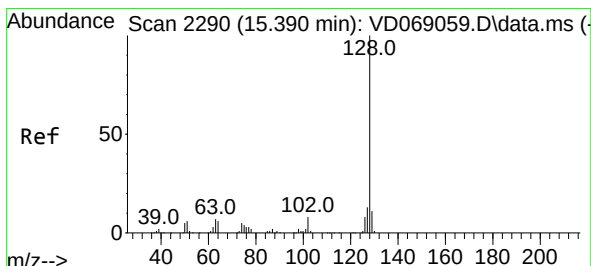
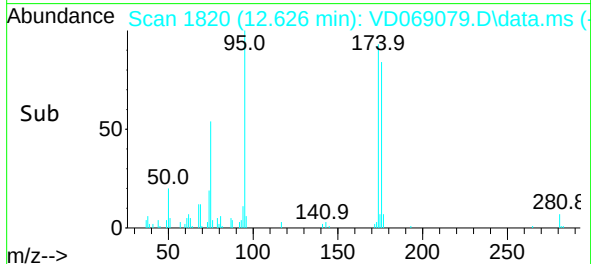
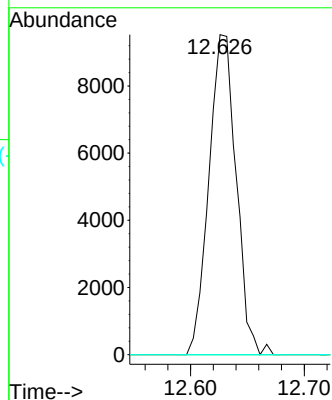
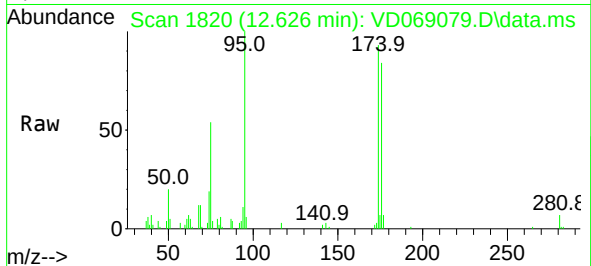




#81
trans-1,4-Dichloro-2-butene
Concen: 106.74 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 15904
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 3.53 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069079.D
Acq: 06 May 2021 16:56

Tgt Ion: 128 Resp: 941
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.5 12.7#

