

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
 Data File : VD069222.D
 Acq On : 20 May 2021 16:51
 Operator : VA/SY
 Sample : M2468-01
 Misc : 3.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

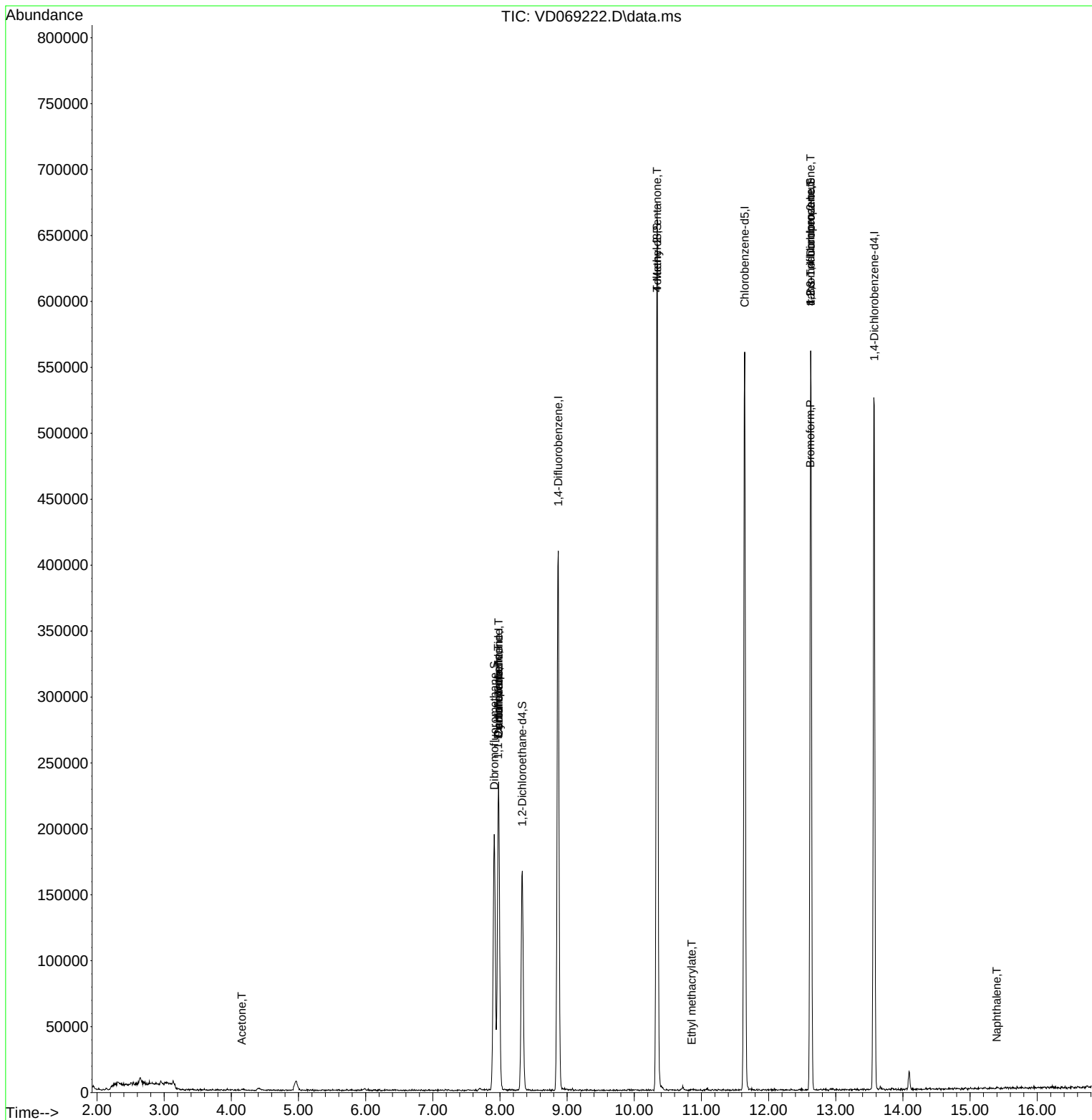
Quant Time: May 21 00:55:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

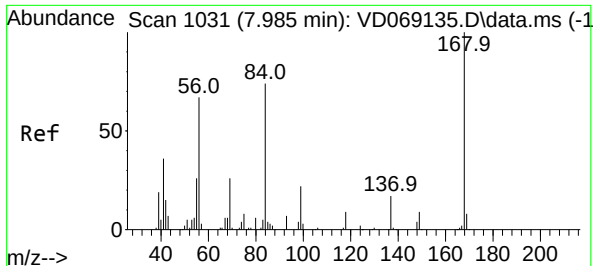
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	168079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	356007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	334579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	142893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129399	76.80	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 153.60%			
35) Dibromofluoromethane	7.914	113	133178	57.48	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.96%			
50) Toluene-d8	10.338	98	458694	53.88	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.76%			
62) 4-Bromofluorobenzene	12.626	95	132917	48.52	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.04%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.226	59	59	Below Cal	#	73
16) Acetone	4.156	43	395	1.53	ug/l #	41
20) Methylene Chloride	4.962	84	5778	Below Cal	#	84
31) Cyclohexane	7.979	56	3894	1.56	ug/l #	31
36) 1,1-Dichloropropene	7.973	75	14316	4.14	ug/l #	48
38) Carbon Tetrachloride	7.979	117	17880	4.62	ug/l #	18
51) 4-Methyl-2-Pentanone	10.338	43	1952	1.88	ug/l #	1
56) Ethyl methacrylate	10.855	69	60	1.35	ug/l #	1
71) Bromoform	12.620	173	1778	1.31	ug/l #	28
76) 1,2,3-Trichloropropane	12.626	75	70857	65.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	70857	133.25	ug/l #	14
95) Naphthalene	15.396	128	67	2.06	ug/l #	69

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

Quant Time: May 21 00:55:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

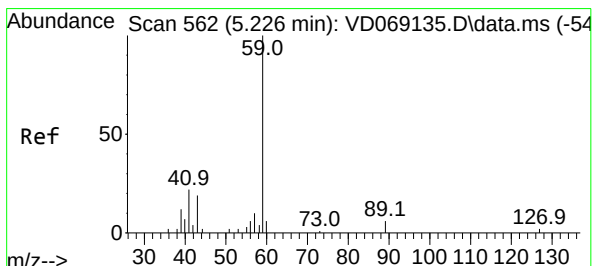
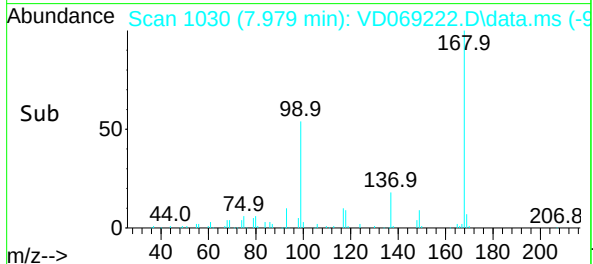
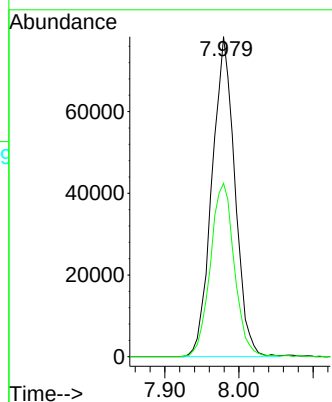
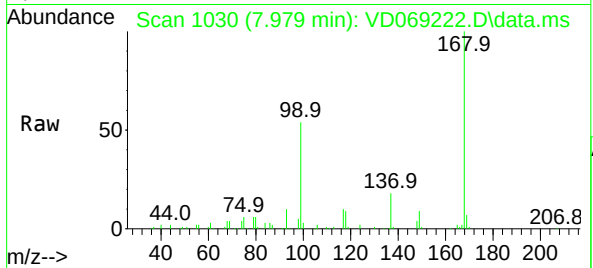




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

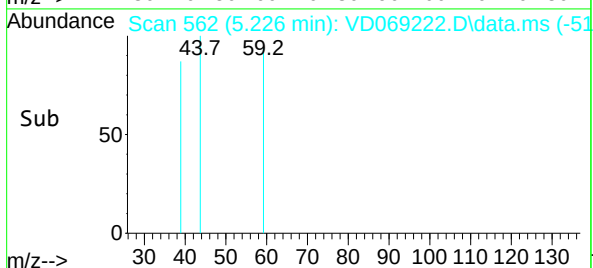
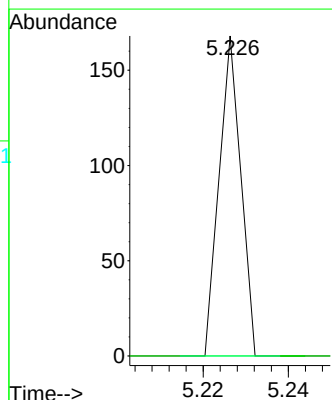
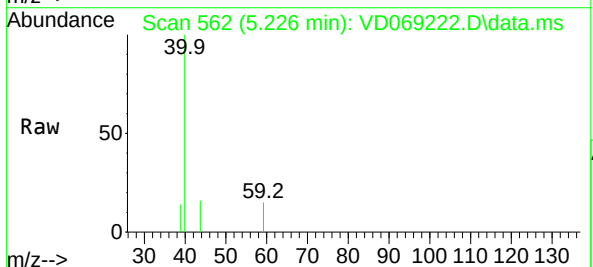
Instrument :
MSVOA_D
ClientSampleId :

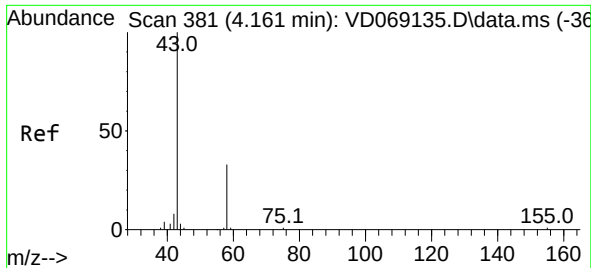
Tgt Ion:168 Resp: 168079
Ion Ratio Lower Upper
168 100
99 54.2 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

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

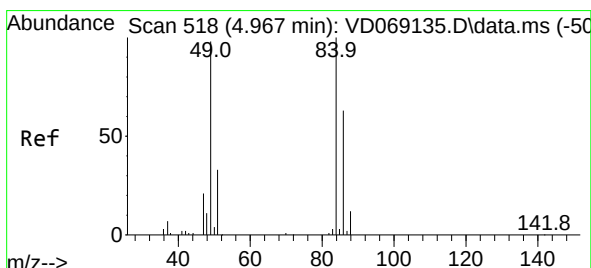
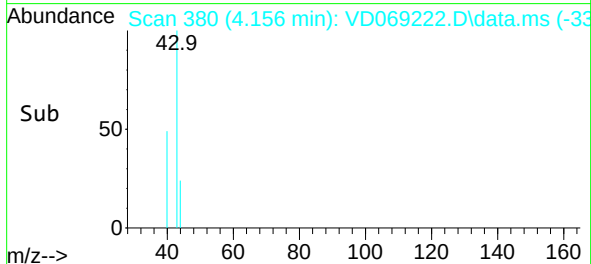
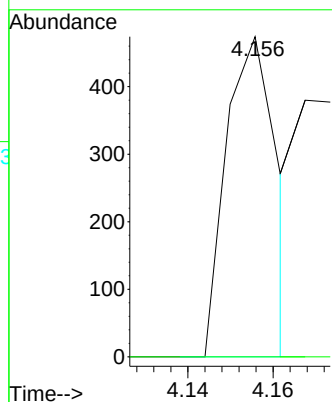
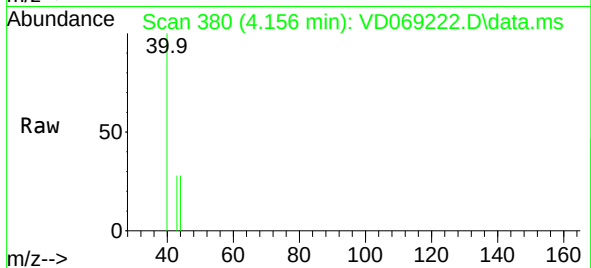




#16
Acetone
Concen: 1.53 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

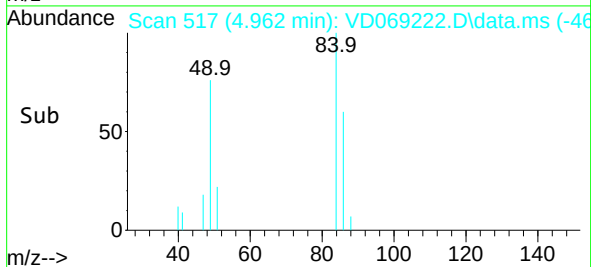
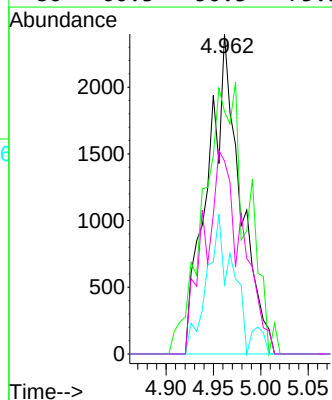
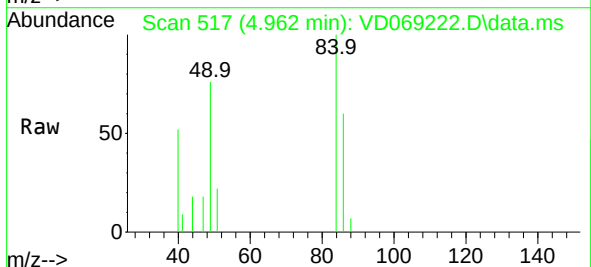
Instrument :
MSVOA_D
ClientSampled :

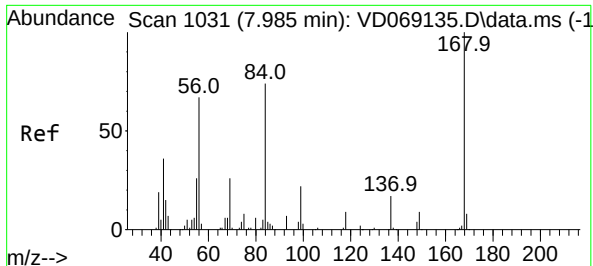
Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

Tgt Ion: 84 Resp: 5778
Ion Ratio Lower Upper
84 100
49 75.7 78.6 117.8#
51 21.8 26.7 40.1#
86 60.3 50.3 75.5

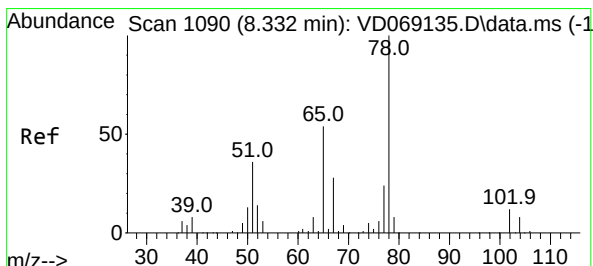
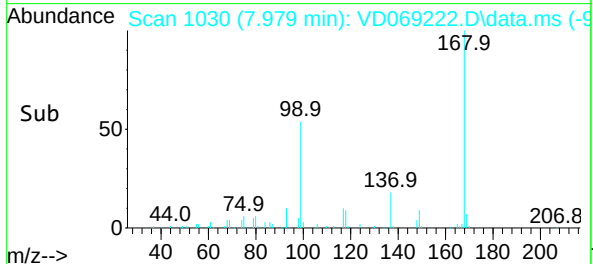
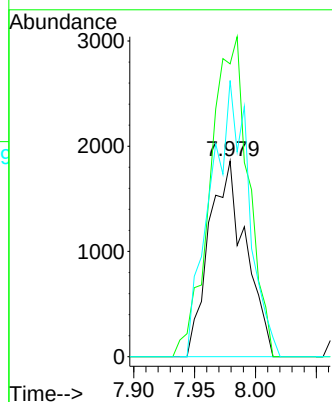
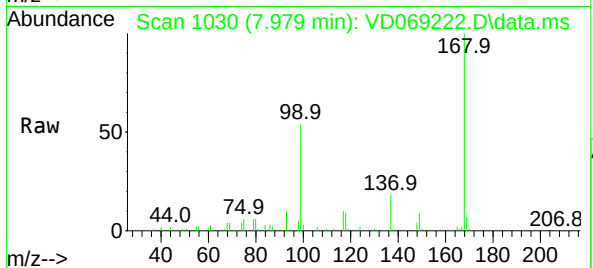




#31
Cyclohexane
Concen: 1.56 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.005 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

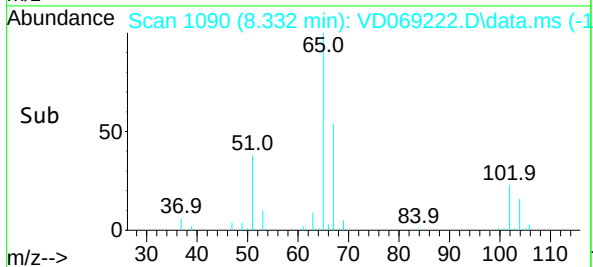
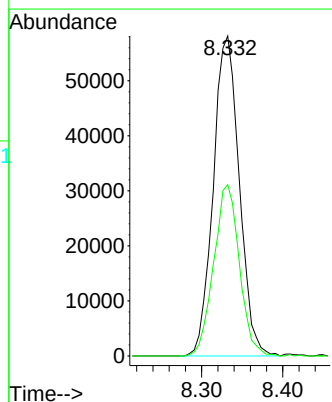
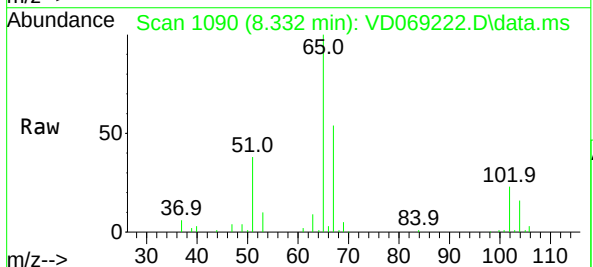
Instrument :
MSVOA_D
ClientSampleId :

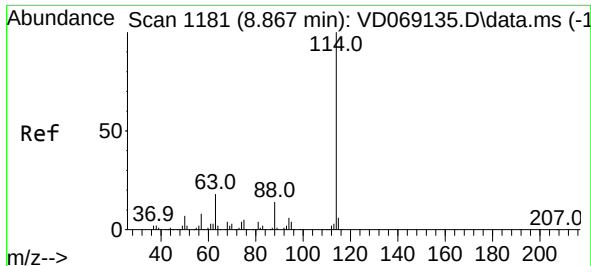
Tgt Ion: 56 Resp: 3894
Ion Ratio Lower Upper
56 100
69 149.6 30.6 46.0#
84 141.1 88.0 132.0#



#33
1,2-Dichloroethane-d4
Concen: 76.80 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

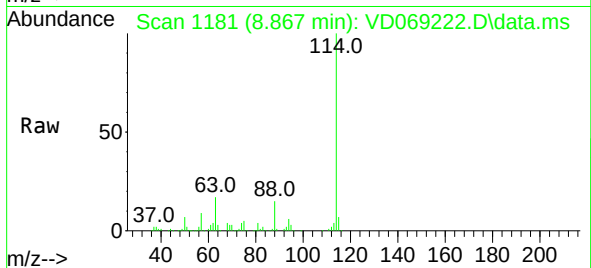
Tgt Ion: 65 Resp: 129399
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.0



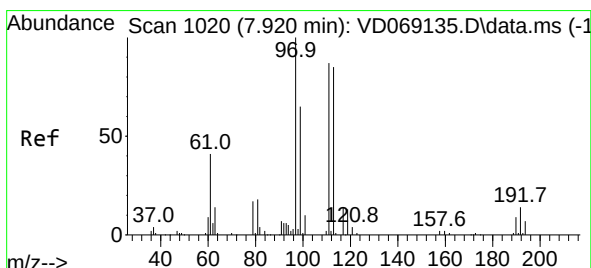
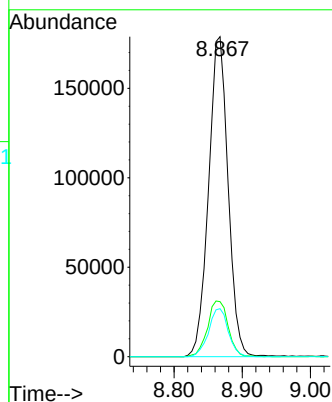
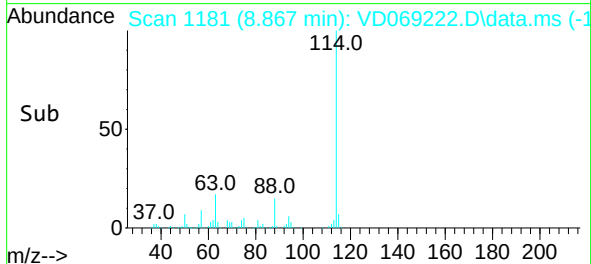


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

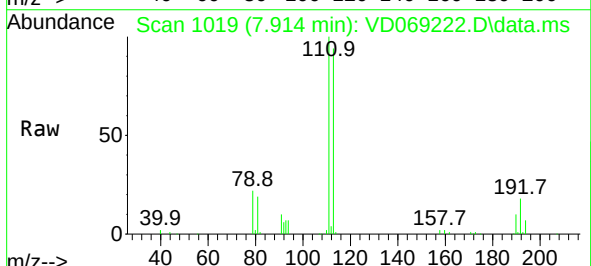
Instrument :
MSVOA_D
ClientSampleId :



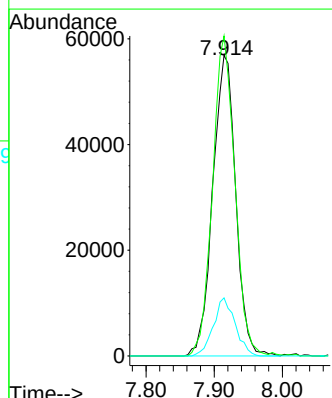
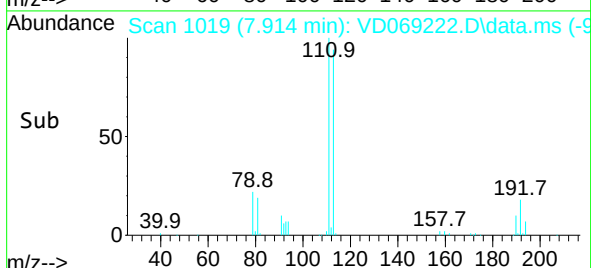
Tgt Ion:114 Resp: 356007
Ion Ratio Lower Upper
114 100
63 17.2 0.0 36.4
88 15.0 0.0 28.2

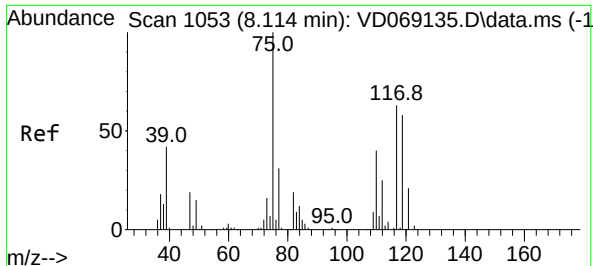


#35
Dibromofluoromethane
Concen: 57.48 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51



Tgt Ion:113 Resp: 133178
Ion Ratio Lower Upper
113 100
111 103.2 80.6 120.8
192 18.3 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.14 ug/l

RT: 7.973 min Scan# 1029

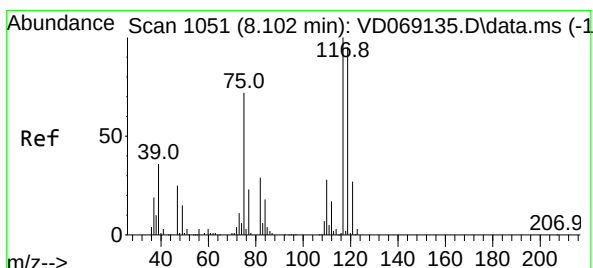
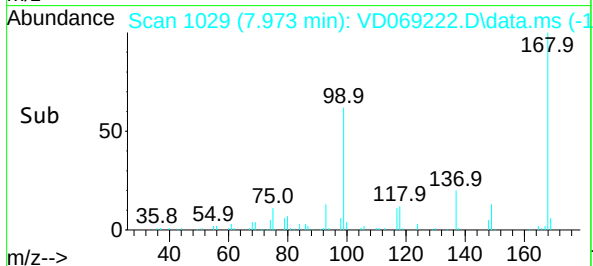
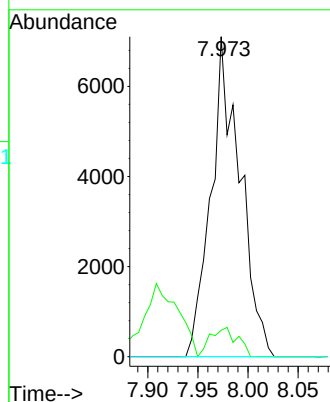
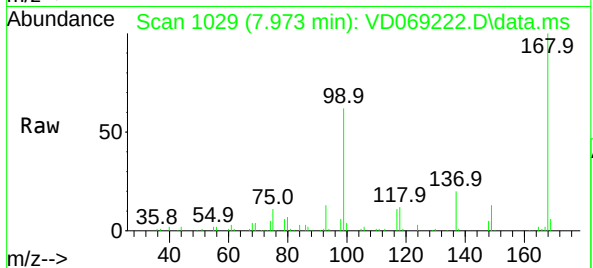
Delta R.T. -0.141 min

Lab File: VD069222.D

Acq: 20 May 2021 16:51

Tgt Ion:	75	Resp:	14316
Ion Ratio	Lower	Upper	
75	100		
110	8.5	18.8	56.4#
77	0.0	25.2	37.8#

Instrument :
MSVOA_D
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 4.62 ug/l

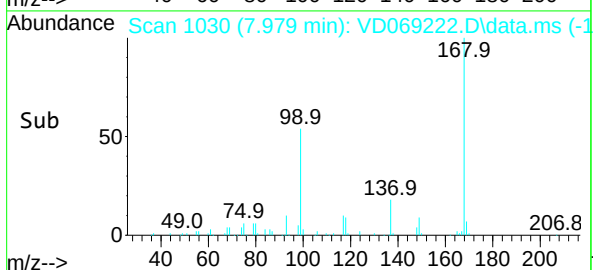
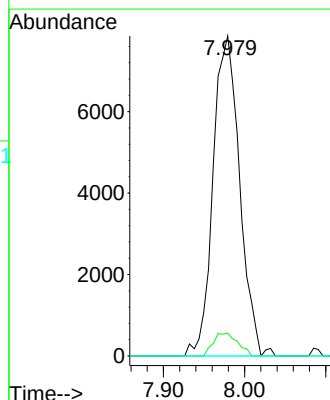
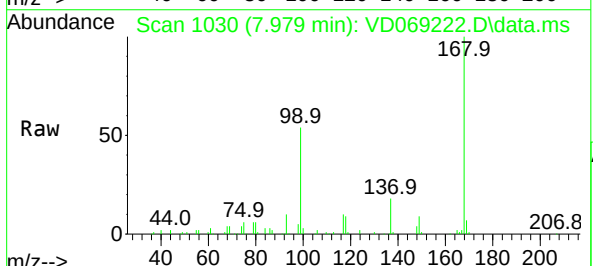
RT: 7.979 min Scan# 1030

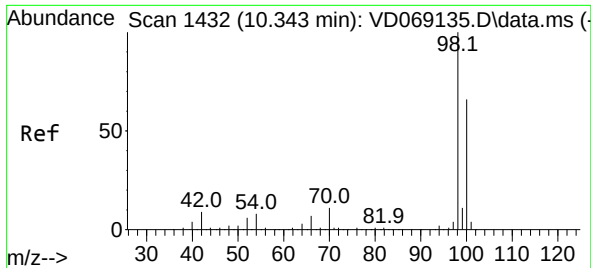
Delta R.T. -0.123 min

Lab File: VD069222.D

Acq: 20 May 2021 16:51

Tgt Ion:	117	Resp:	17880
Ion Ratio	Lower	Upper	
117	100		
119	7.2	76.2	114.2#
121	0.0	21.9	32.9#

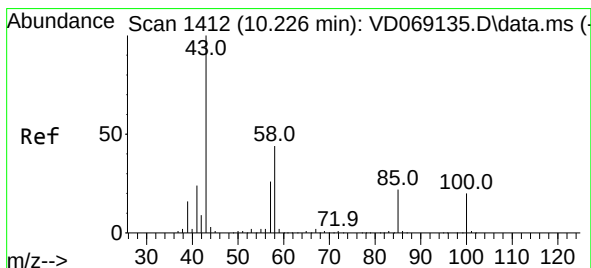
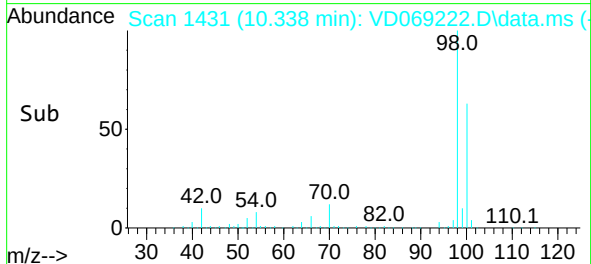
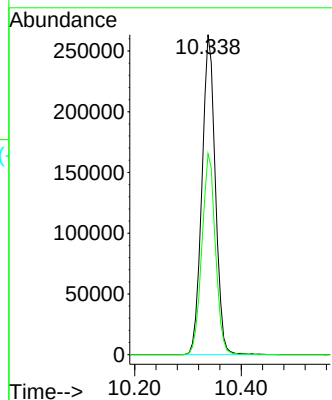
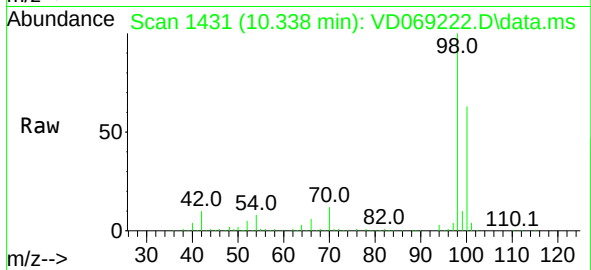




#50
Toluene-d8
Concen: 53.88 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

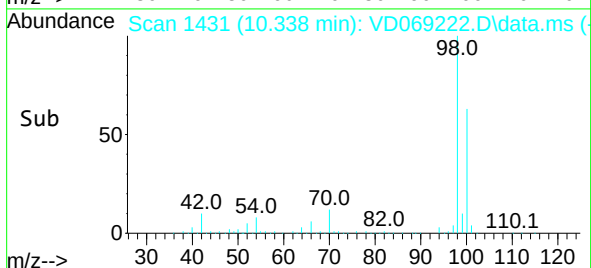
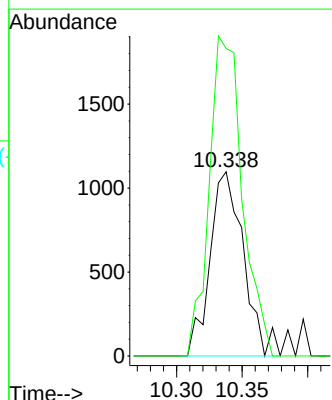
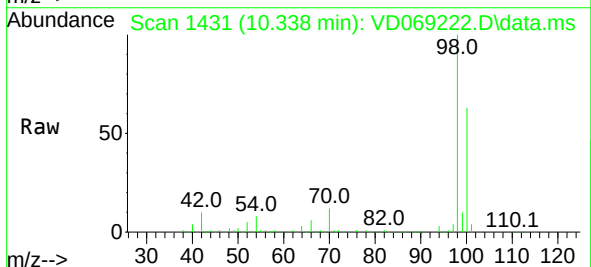
Instrument :
MSVOA_D
ClientSampleId :

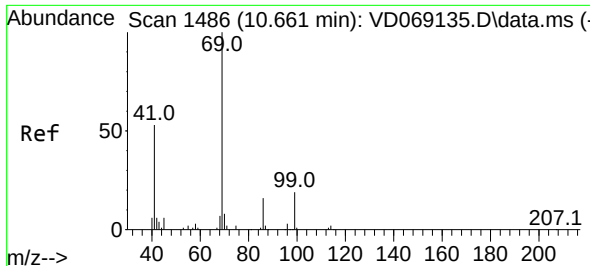
Tgt Ion: 98 Resp: 458694
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.88 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

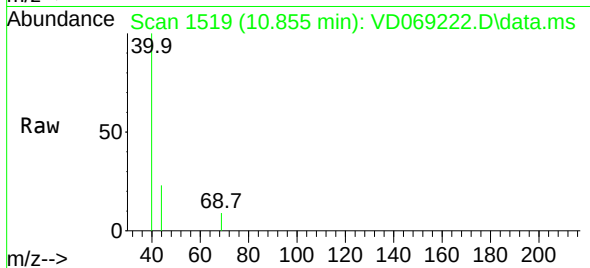
Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
58 172.1 35.0 52.4#



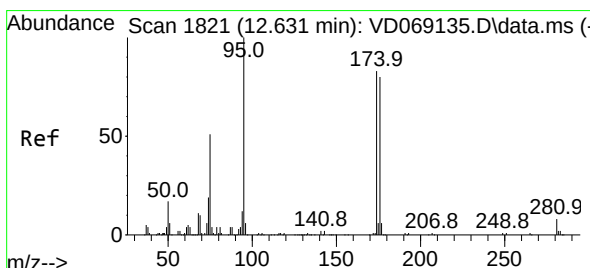
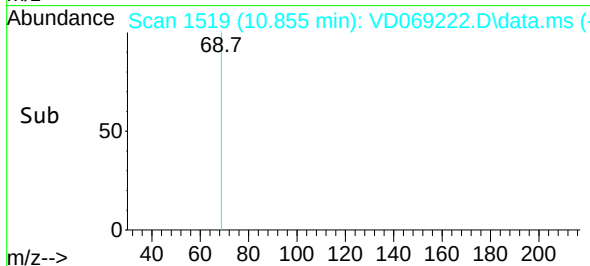
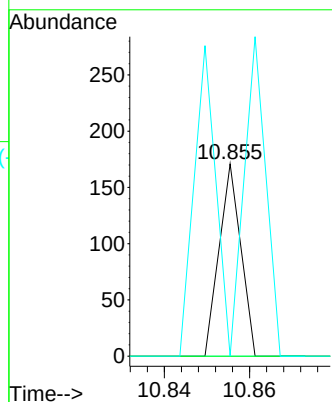


#56
Ethyl methacrylate
Concen: 1.35 ug/l
RT: 10.855 min Scan# 1519
Delta R.T. 0.194 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :

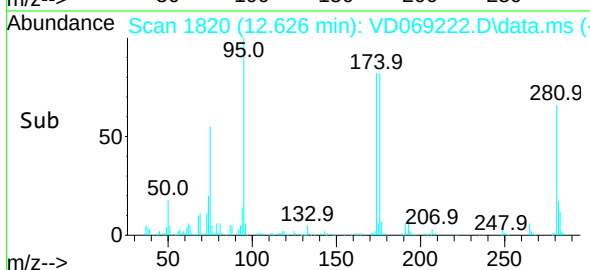
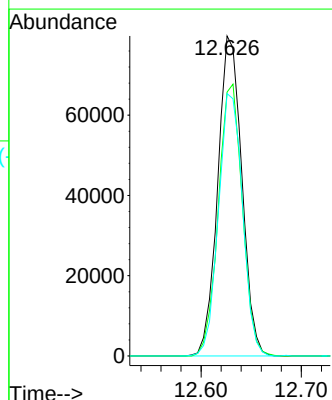
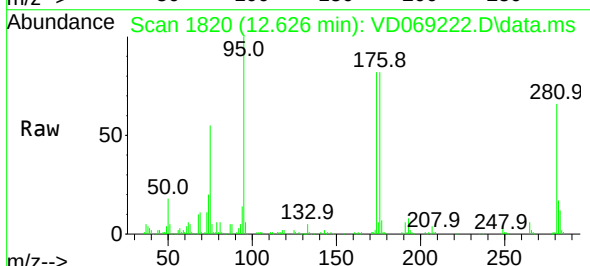


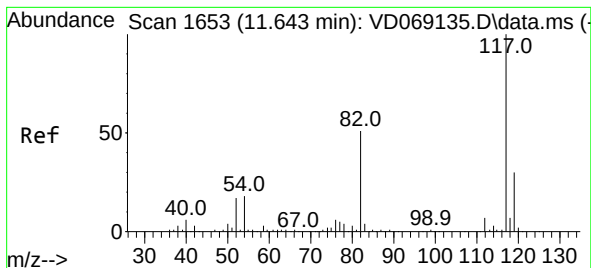
Tgt Ion: 69 Resp: 60
Ion Ratio Lower Upper
69 100
41 0.0 42.2 63.2#
39 330.0 26.3 39.5#



#62
4-Bromofluorobenzene
Concen: 48.52 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.005 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

Tgt Ion: 95 Resp: 132917
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.8
176 81.8 0.0 165.4

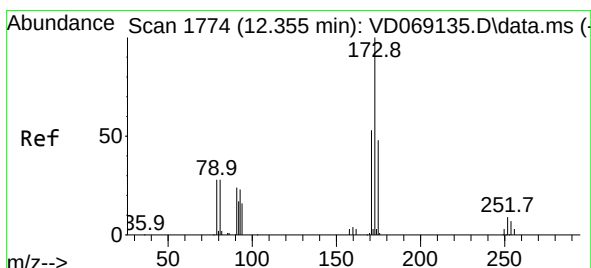
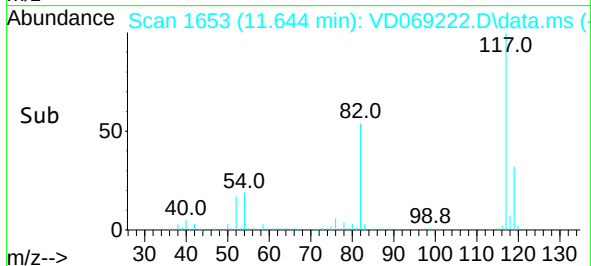
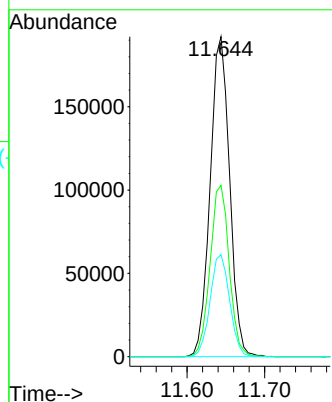
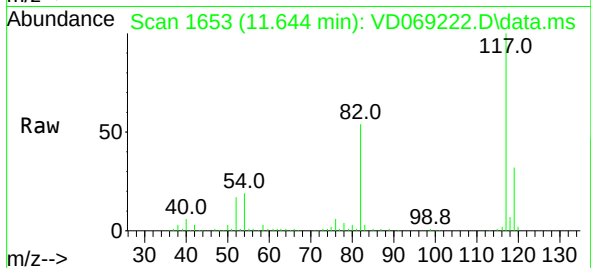




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

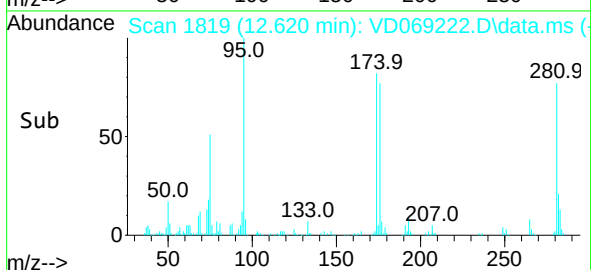
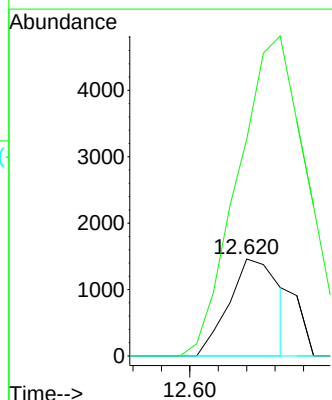
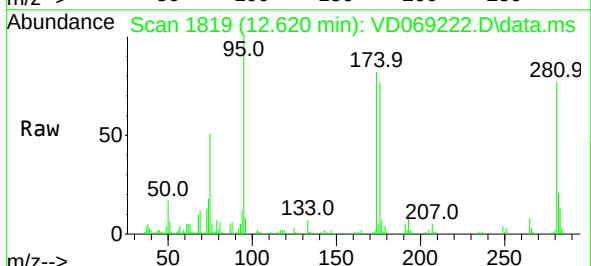
Instrument :
MSVOA_D
ClientSampleId :

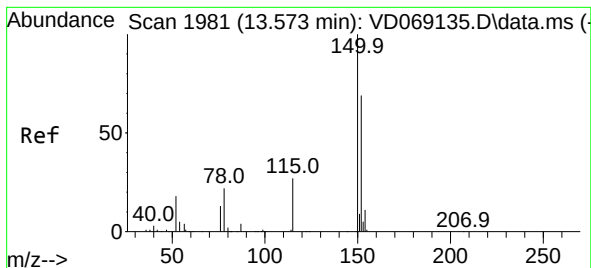
Tgt Ion:117 Resp: 334579
Ion Ratio Lower Upper
117 100
82 53.5 40.5 60.7
119 31.9 24.2 36.4



#71
Bromoform
Concen: 1.31 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

Tgt Ion:173 Resp: 1778
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

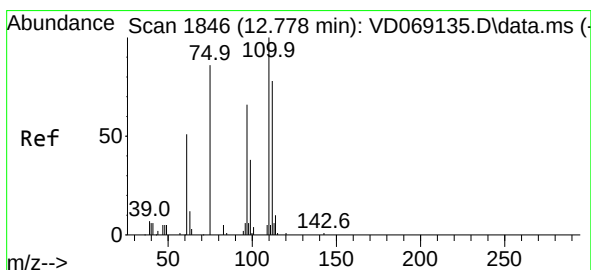
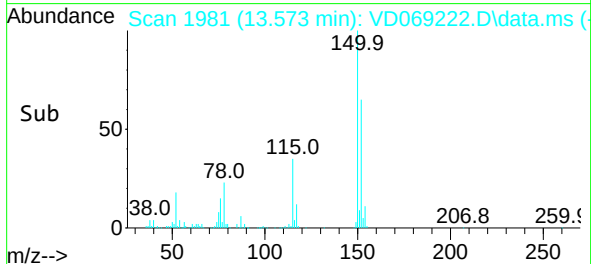
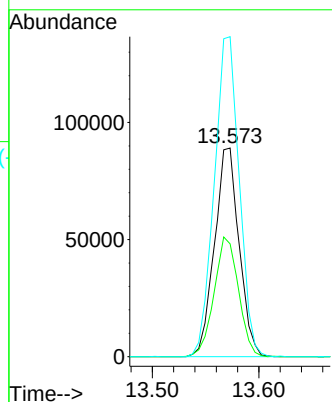
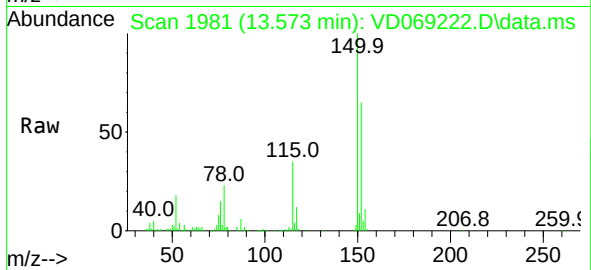




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD069222.D
 Acq: 20 May 2021 16:51

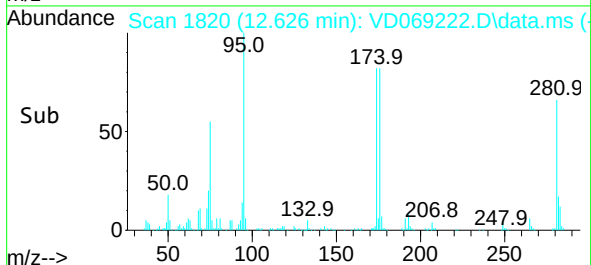
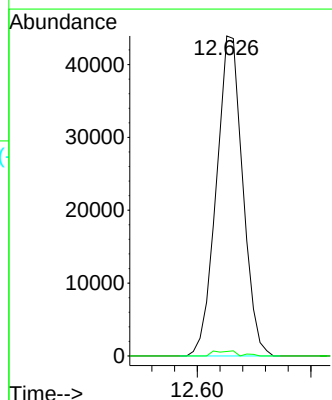
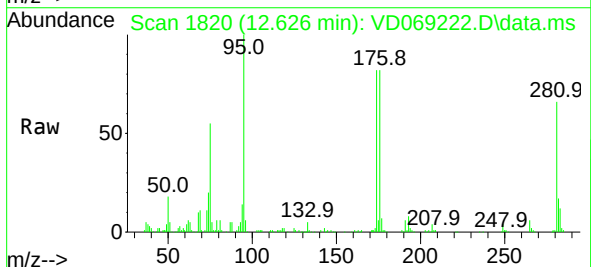
Instrument :
 MSVOA_D
 ClientSampleId :

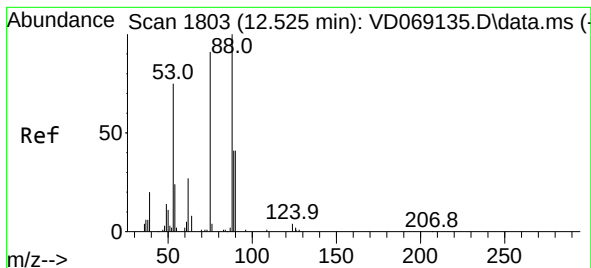
Tgt Ion:152 Resp: 142893
 Ion Ratio Lower Upper
 152 100
 115 56.8 29.9 89.8
 150 155.5 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 65.97 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.153 min
 Lab File: VD069222.D
 Acq: 20 May 2021 16:51

Tgt Ion: 75 Resp: 70857
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

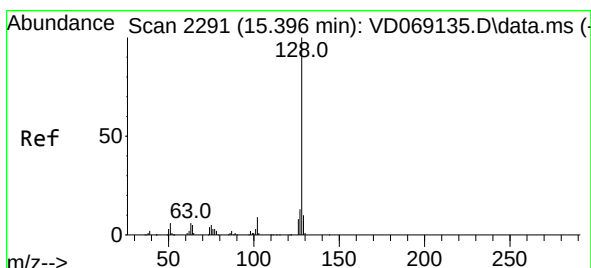
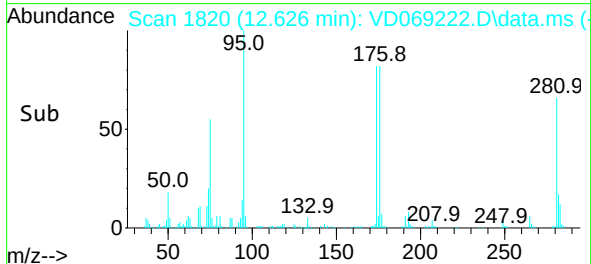
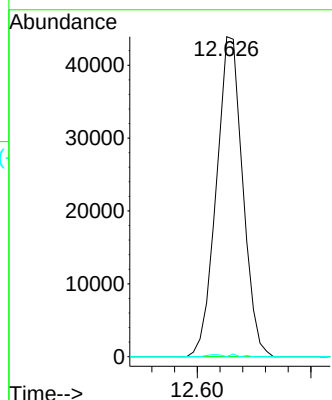
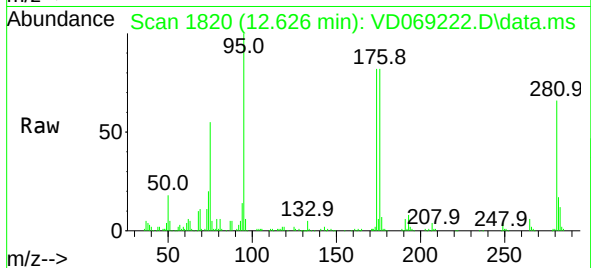




#81
trans-1,4-Dichloro-2-butene
Concen: 133.25 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 70857
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 0.3 40.2 60.2#



#95
Naphthalene
Concen: 2.06 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069222.D
Acq: 20 May 2021 16:51

Tgt Ion:128 Resp: 67
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

