

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD069008.D
 Acq On : 28 Apr 2021 17:05
 Operator : VA/SY
 Sample : M2207-01
 Misc : 7.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 29 06:33:24 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)

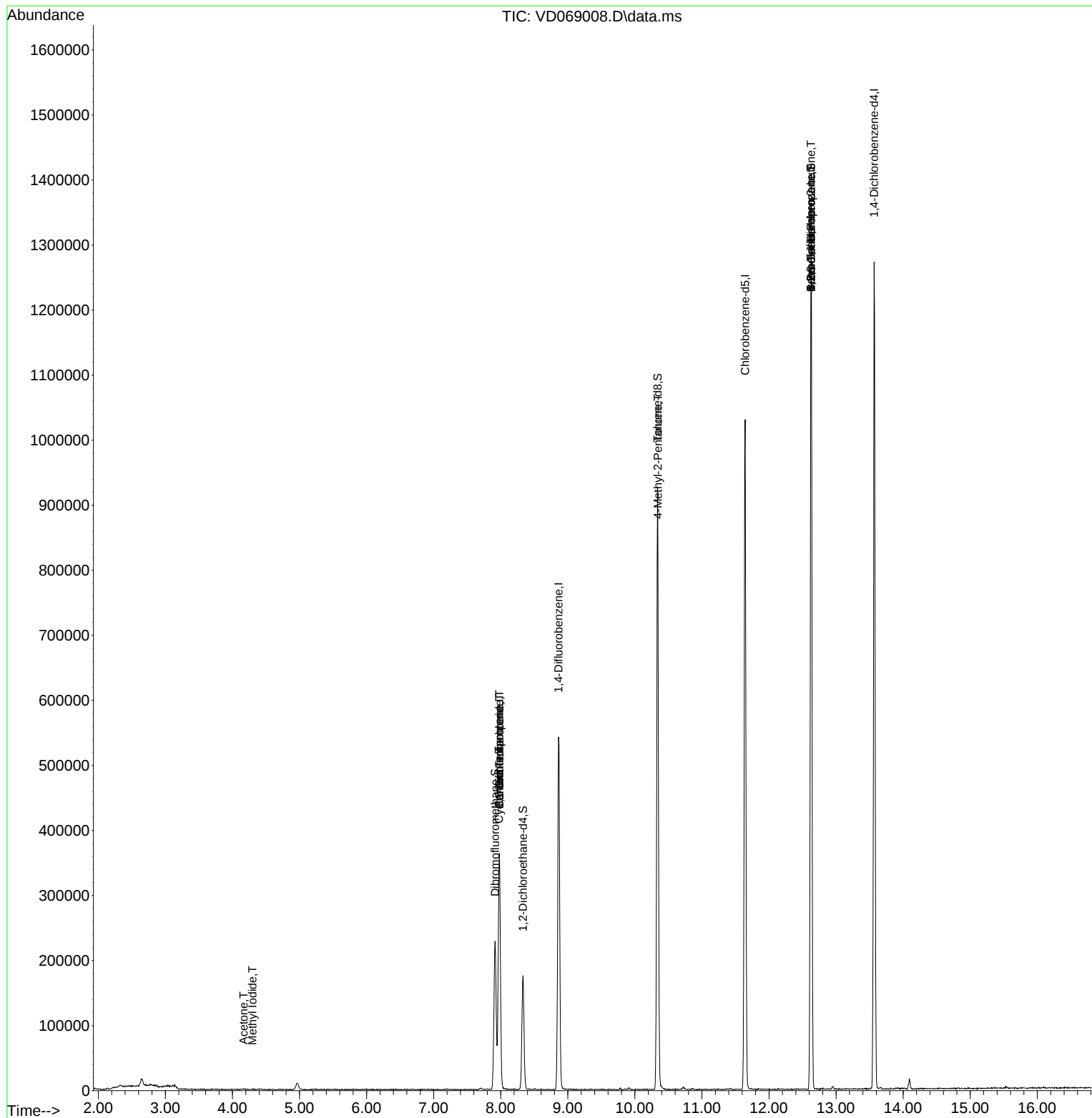
Internal Standards						
1) Pentafluorobenzene	7.979	168	284449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	504198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	633991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	349109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139223	46.31	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.62%		
35) Dibromofluoromethane	7.914	113	165644	50.51	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.02%		
50) Toluene-d8	10.338	98	642873	51.96	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.92%		
62) 4-Bromofluorobenzene	12.626	95	302936	73.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	147.46%#		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	420	2.36	ug/l #	74
11) Tert butyl alcohol	5.215	59	77	Below Cal	#	73
16) Acetone	4.168	43	2174	5.22	ug/l	99
20) Methylene Chloride	4.968	84	8391	Below Cal	#	81
31) Cyclohexane	7.973	56	5954	1.19	ug/l #	39
36) 1,1-Dichloropropene	7.979	75	20048	3.93	ug/l #	49
38) Carbon Tetrachloride	7.979	117	28725	5.68	ug/l #	16
51) 4-Methyl-2-Pentanone	10.344	43	2784	1.81	ug/l #	1
71) Bromoform	12.626	173	3076	1.16	ug/l #	29
76) 1,2,3-Trichloropropane	12.626	75	154014	48.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	154014	112.07	ug/l #	16

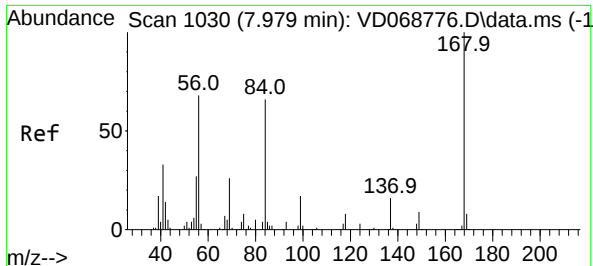
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
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Response via : Initial Calibration

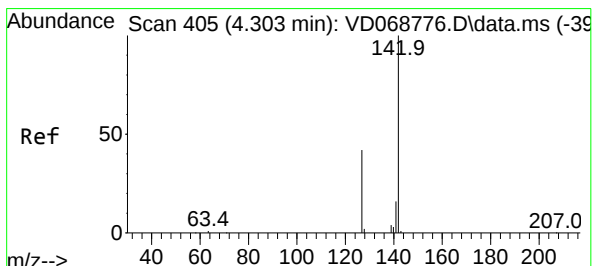
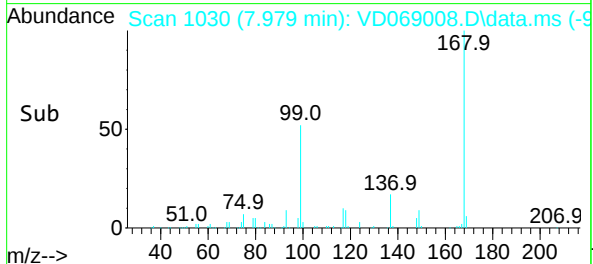
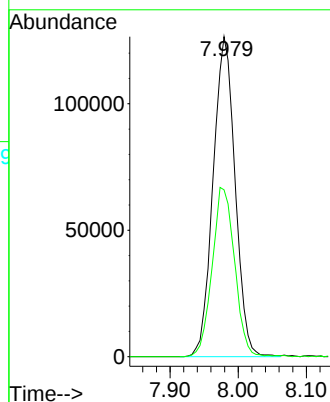
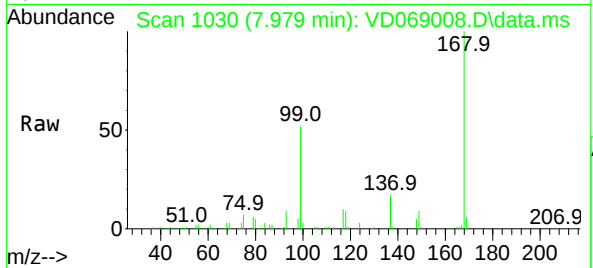




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

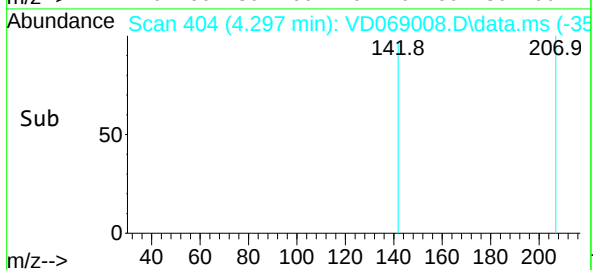
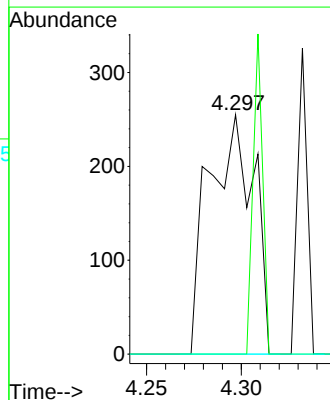
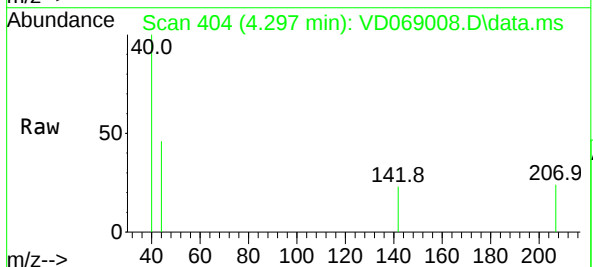
Instrument :
MSVOA_D
ClientSampled :

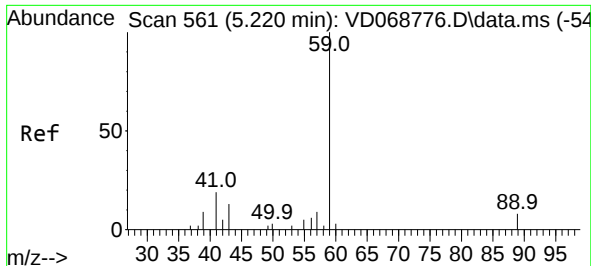
Tgt Ion:168 Resp: 284449
Ion Ratio Lower Upper
168 100
99 52.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.36 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

Tgt Ion:142 Resp: 420
Ion Ratio Lower Upper
142 100
127 28.6 34.7 52.1#
141 0.0 11.0 16.4#



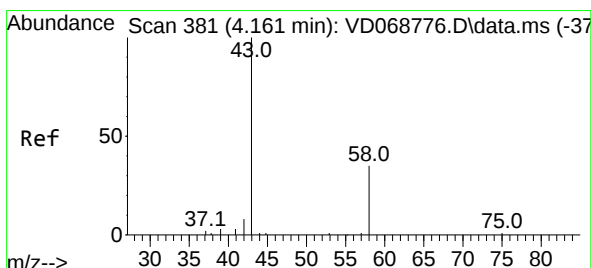
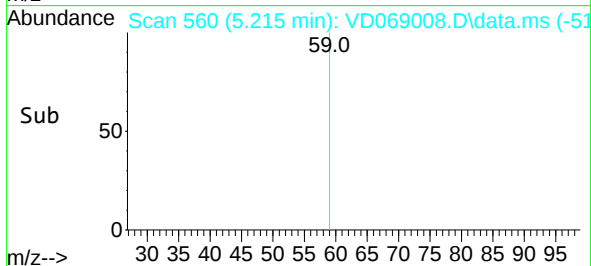
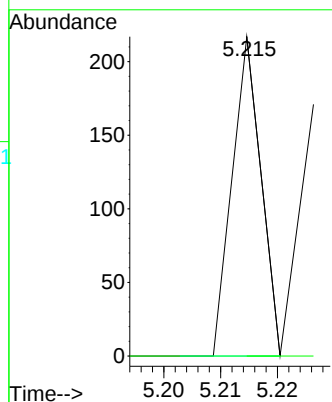
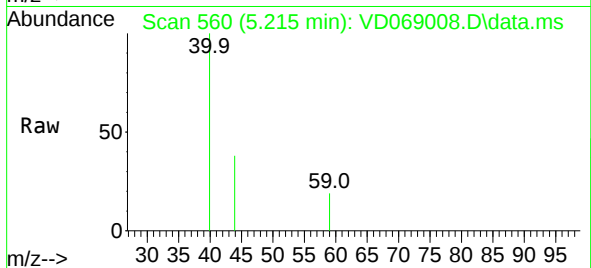


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

Instrument :
MSVOA_D
ClientSampled :

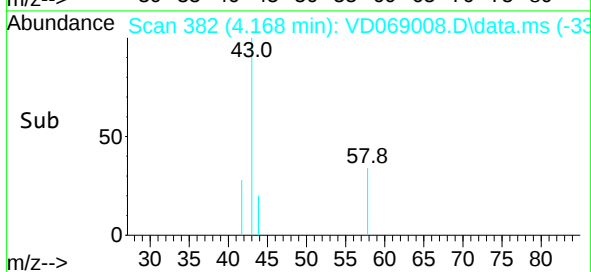
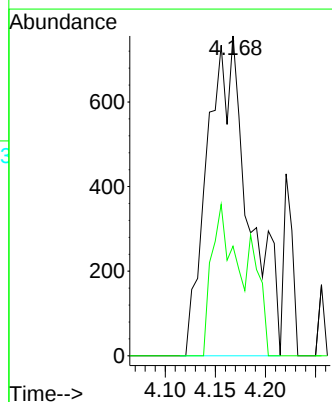
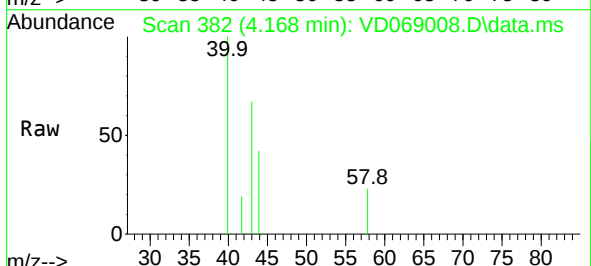
Tgt Ion: 59 Resp: 77
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

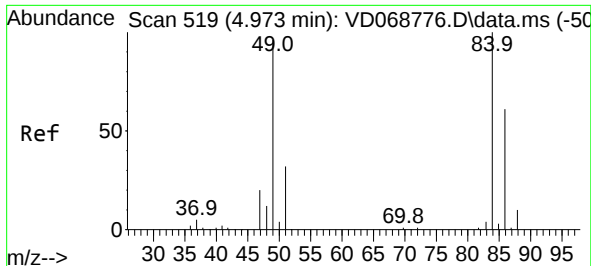


#16

Acetone
Concen: 5.22 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
58 34.3 28.0 42.0





#20

Methylene Chloride

Concen: Below Cal

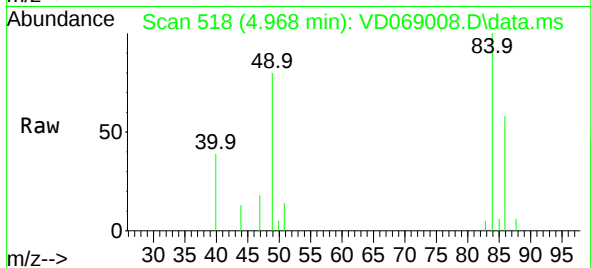
RT: 4.968 min Scan# 518

Delta R.T. -0.005 min

Lab File: VD069008.D

Acq: 28 Apr 2021 17:05

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 84 Resp: 8391

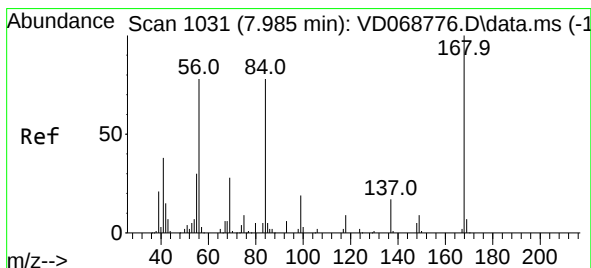
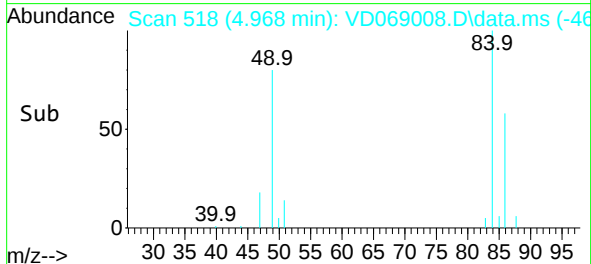
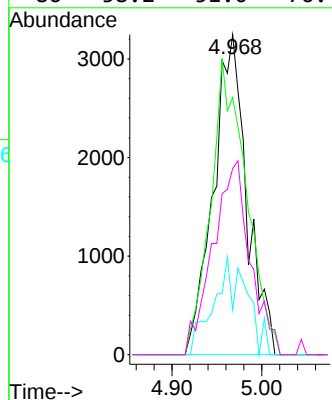
Ion Ratio Lower Upper

84 100

49 80.3 83.4 125.0#

51 14.0 23.4 35.2#

86 58.2 51.0 76.4



#31

Cyclohexane

Concen: 1.19 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD069008.D

Acq: 28 Apr 2021 17:05

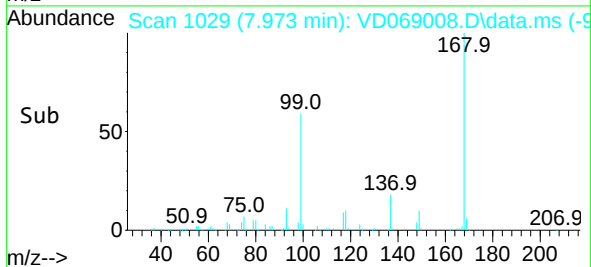
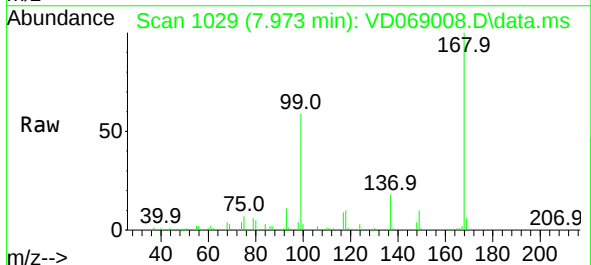
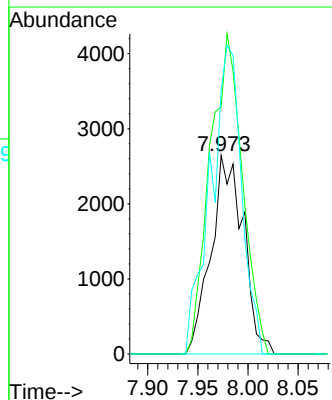
Tgt Ion: 56 Resp: 5954

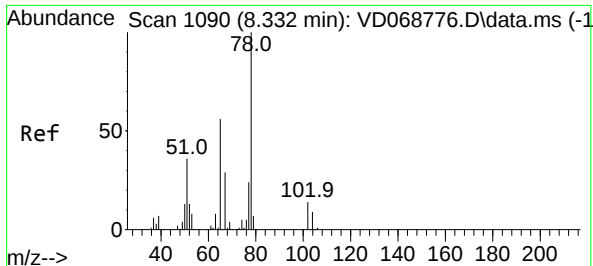
Ion Ratio Lower Upper

56 100

69 124.7 30.0 45.0#

84 133.0 82.0 123.0#

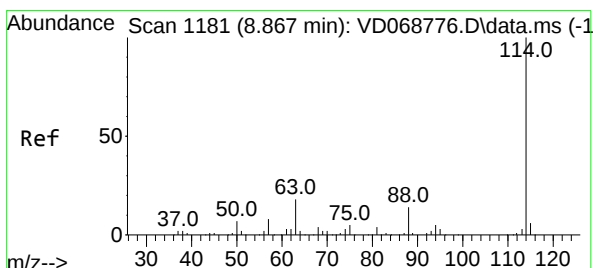
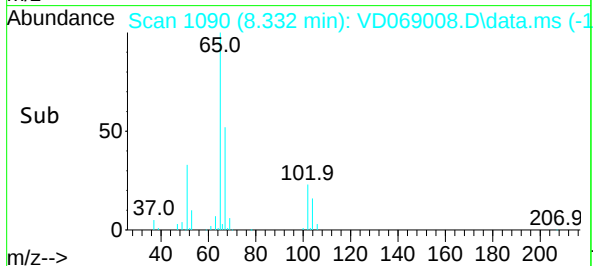
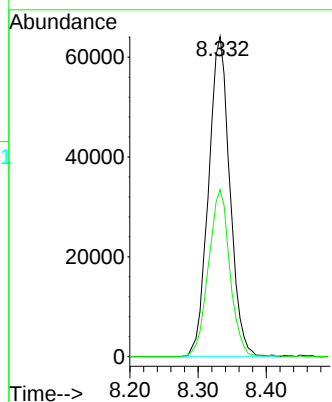
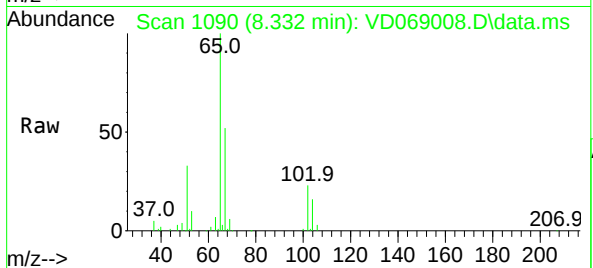




#33
1,2-Dichloroethane-d4
Concen: 46.31 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

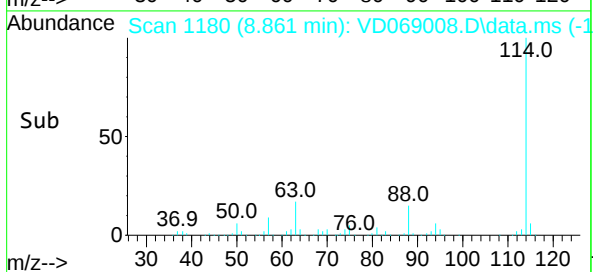
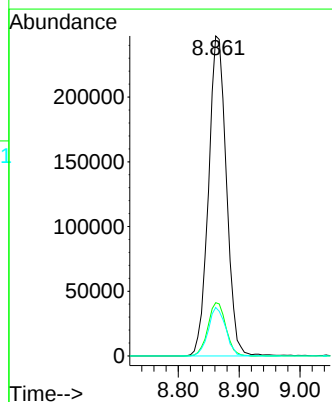
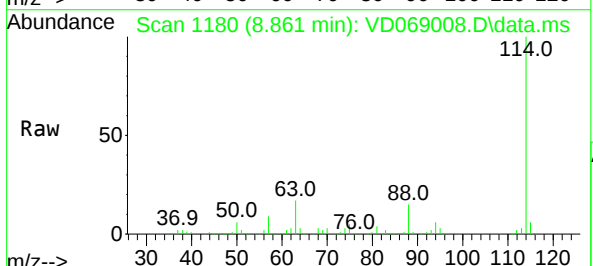
Instrument :
MSVOA_D
ClientSampled :

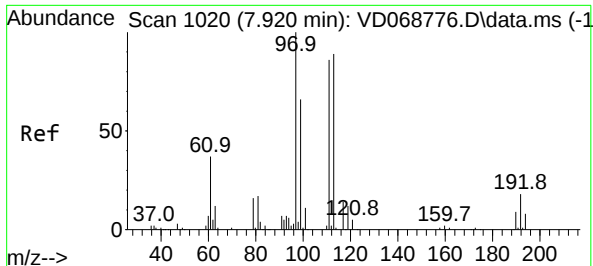
Tgt Ion: 65 Resp: 139223
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

Tgt Ion: 114 Resp: 504198
Ion Ratio Lower Upper
114 100
63 16.7 0.0 38.2
88 15.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.51 ug/l

RT: 7.914 min Scan# 1019

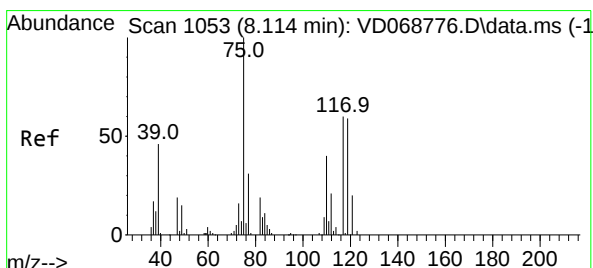
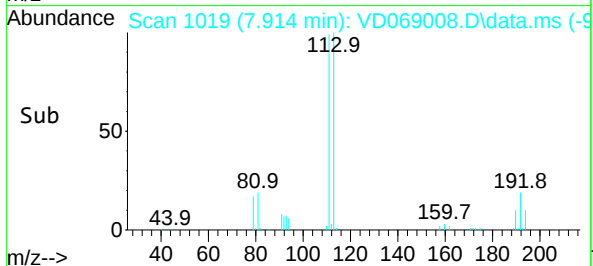
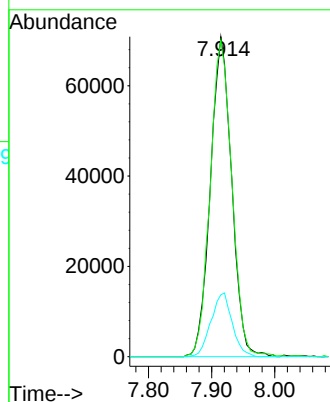
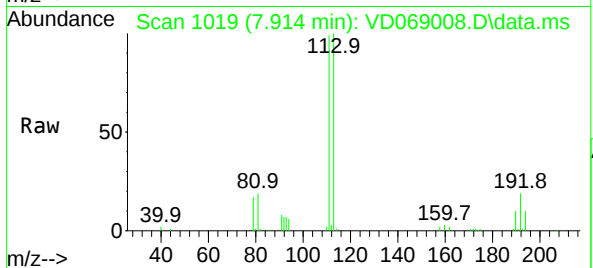
Delta R.T. -0.006 min

Lab File: VD069008.D

Acq: 28 Apr 2021 17:05

Tgt Ion:	113	Resp:	165644
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.5	123.7
192	19.9	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 3.93 ug/l

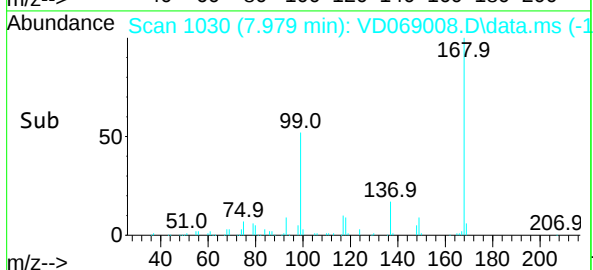
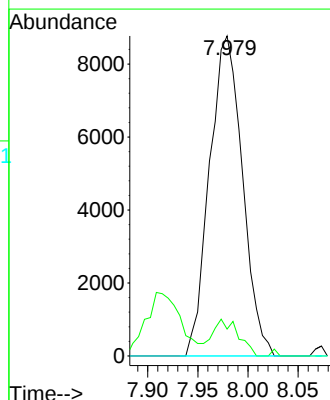
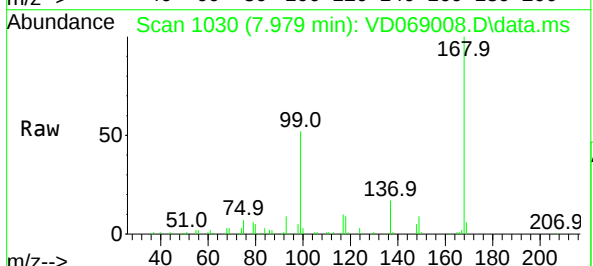
RT: 7.979 min Scan# 1030

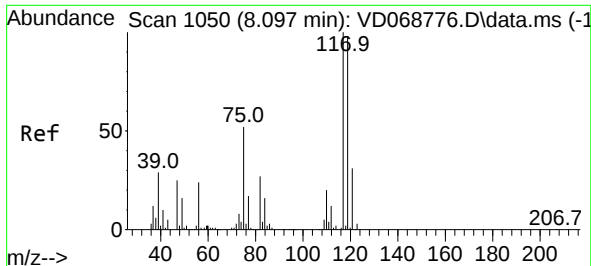
Delta R.T. -0.135 min

Lab File: VD069008.D

Acq: 28 Apr 2021 17:05

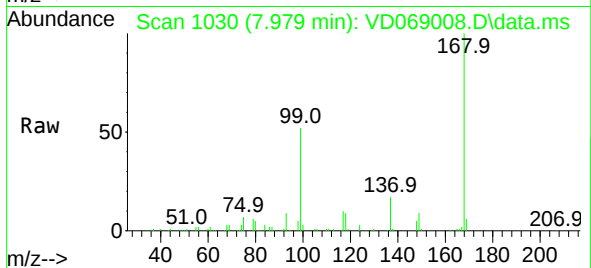
Tgt Ion:	75	Resp:	20048
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	24.7	37.1#



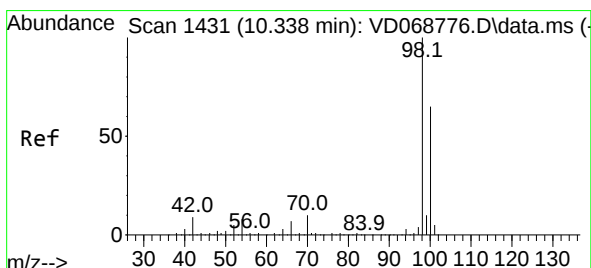
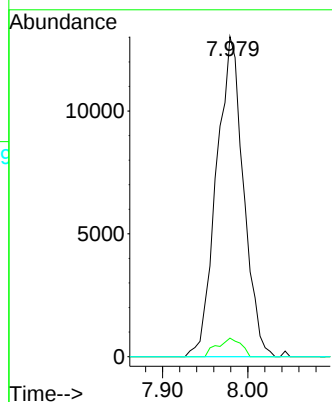
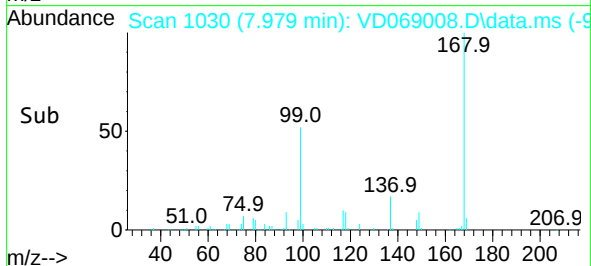


#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

Instrument :
MSVOA_D
ClientSampled :

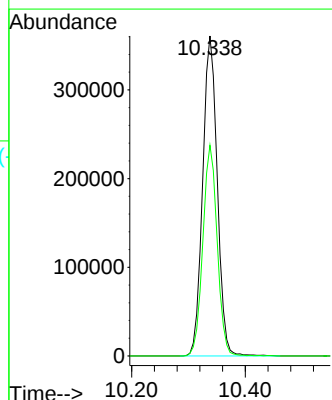
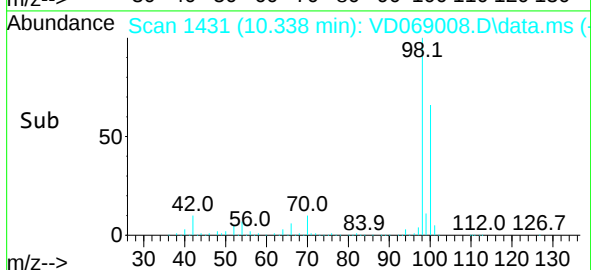
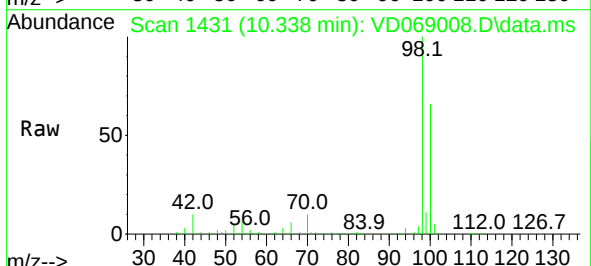


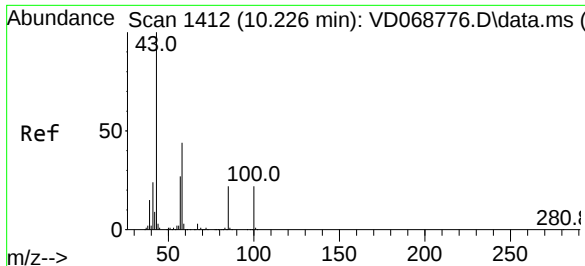
Tgt Ion:117 Resp: 28725
Ion Ratio Lower Upper
117 100
119 5.8 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.96 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

Tgt Ion: 98 Resp: 642873
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

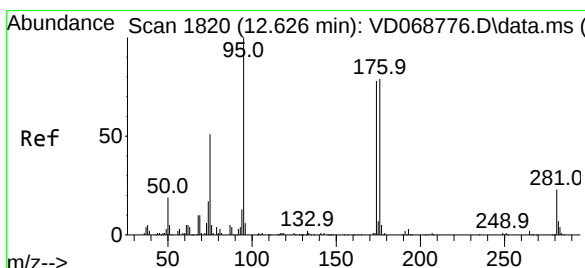
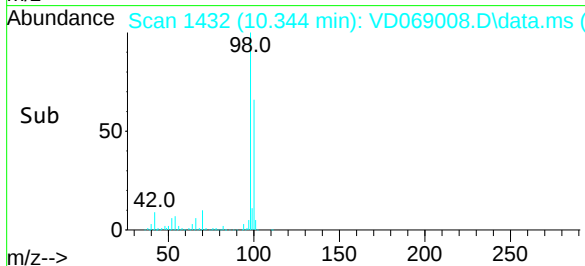
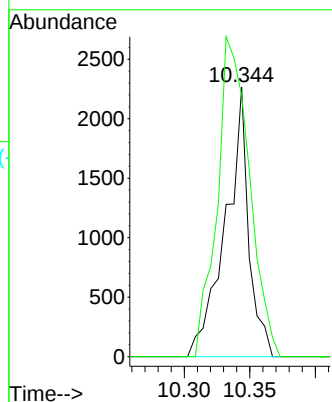
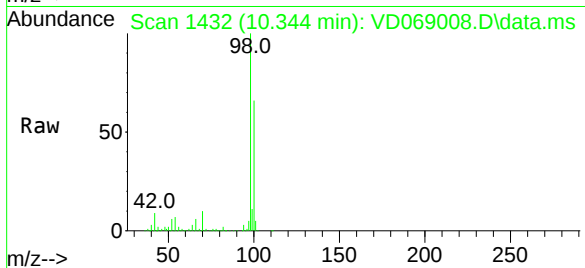




#51
4-Methyl-2-Pentanone
Concen: 1.81 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.118 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

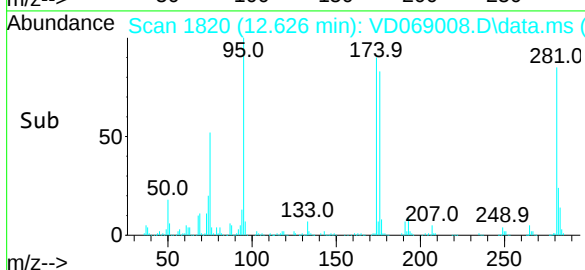
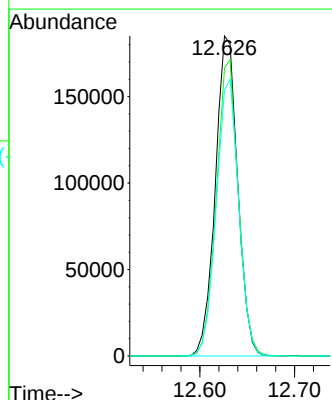
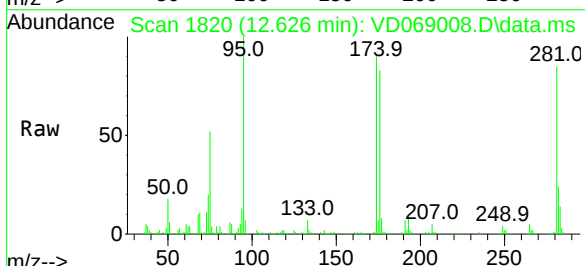
Instrument :
MSVOA_D
ClientSampled :

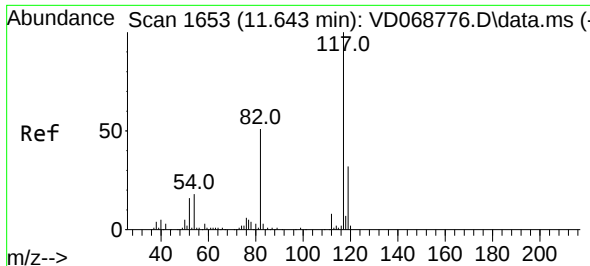
Tgt Ion: 43 Resp: 2784
Ion Ratio Lower Upper
43 100
58 165.1 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 73.73 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

Tgt Ion: 95 Resp: 302936
Ion Ratio Lower Upper
95 100
174 91.3 0.0 168.0
176 86.7 0.0 160.2

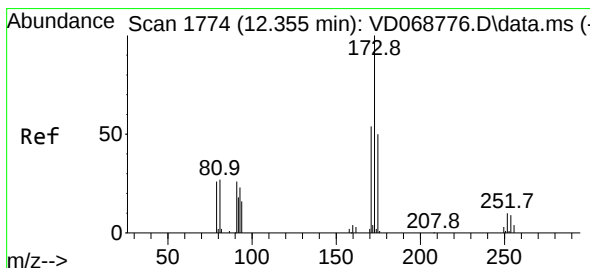
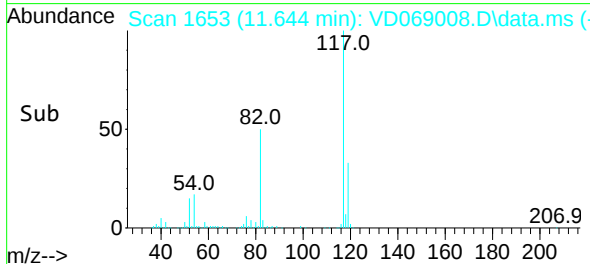
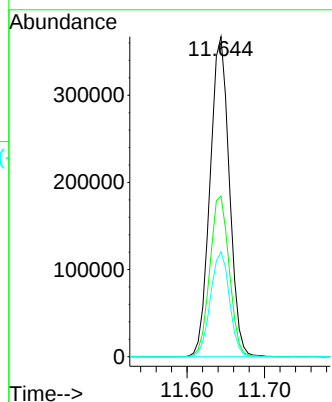
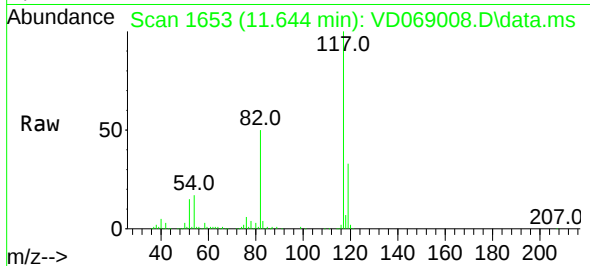




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

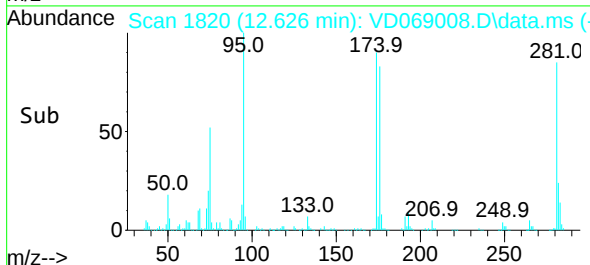
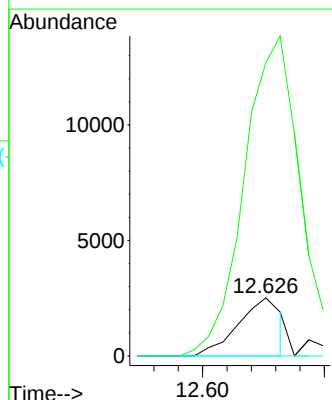
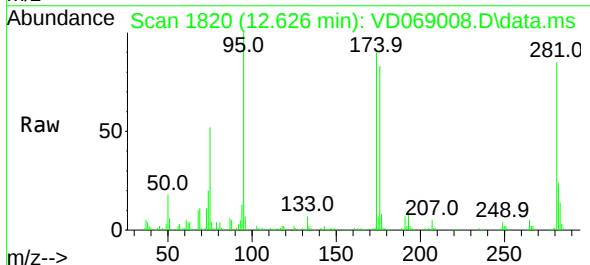
Instrument :
MSVOA_D
ClientSampled :

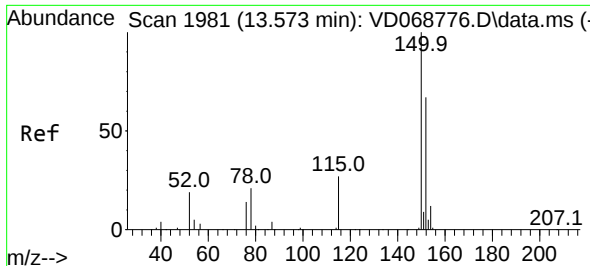
Tgt Ion:117 Resp: 633991
Ion Ratio Lower Upper
117 100
82 50.2 43.5 65.3
119 32.7 26.7 40.1



#71
Bromoform
Concen: 1.16 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

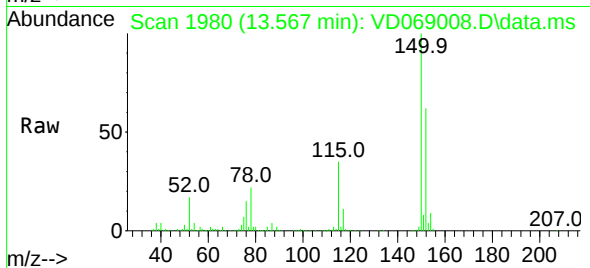
Tgt Ion:173 Resp: 3076
Ion Ratio Lower Upper
173 100
175 0.0 23.6 71.0#
254 0.0 0.0 0.0



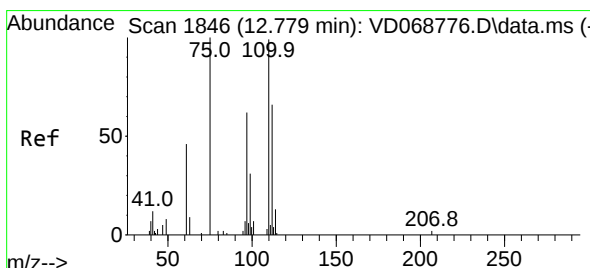
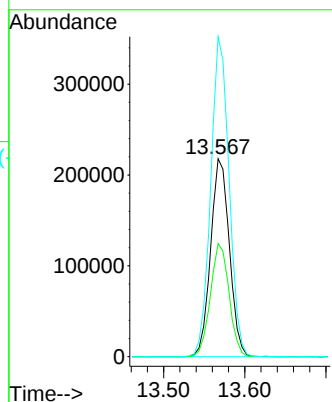
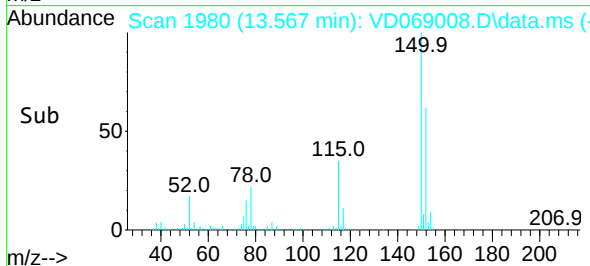


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05

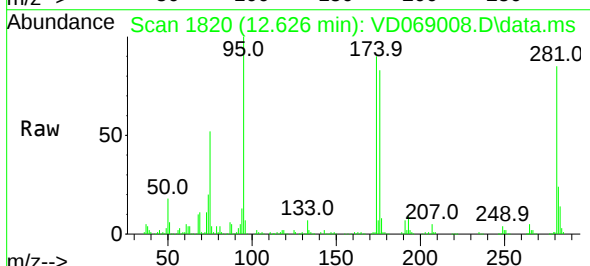
Instrument :
MSVOA_D
ClientSampled :



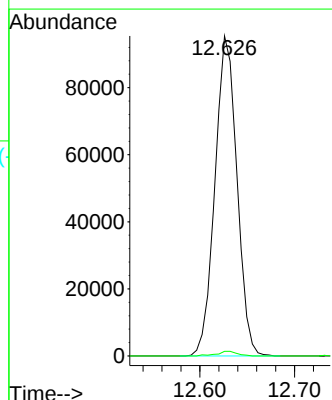
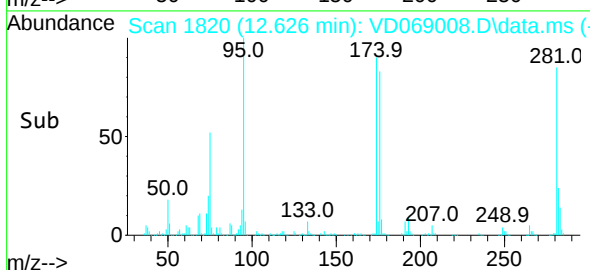
Tgt Ion:152 Resp: 349109
Ion Ratio Lower Upper
152 100
115 56.9 29.3 87.8
150 158.1 0.0 347.6

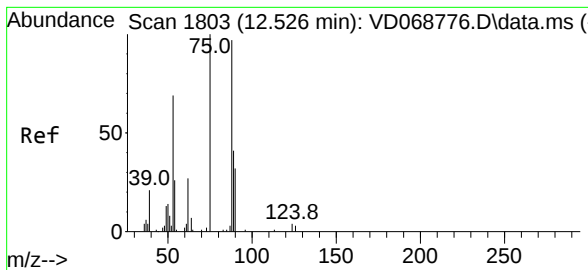


#76
1,2,3-Trichloropropane
Concen: 48.29 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069008.D
Acq: 28 Apr 2021 17:05



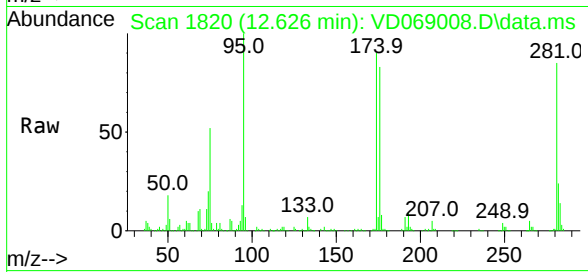
Tgt Ion: 75 Resp: 154014
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.07 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD069008.D
 Acq: 28 Apr 2021 17:05

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 154014
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 1.0 36.6 54.8#

