

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070312.D
 Acq On : 10 Sep 2021 21:05
 Operator : VA/SY
 Sample : M3684-13
 Misc : 5.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

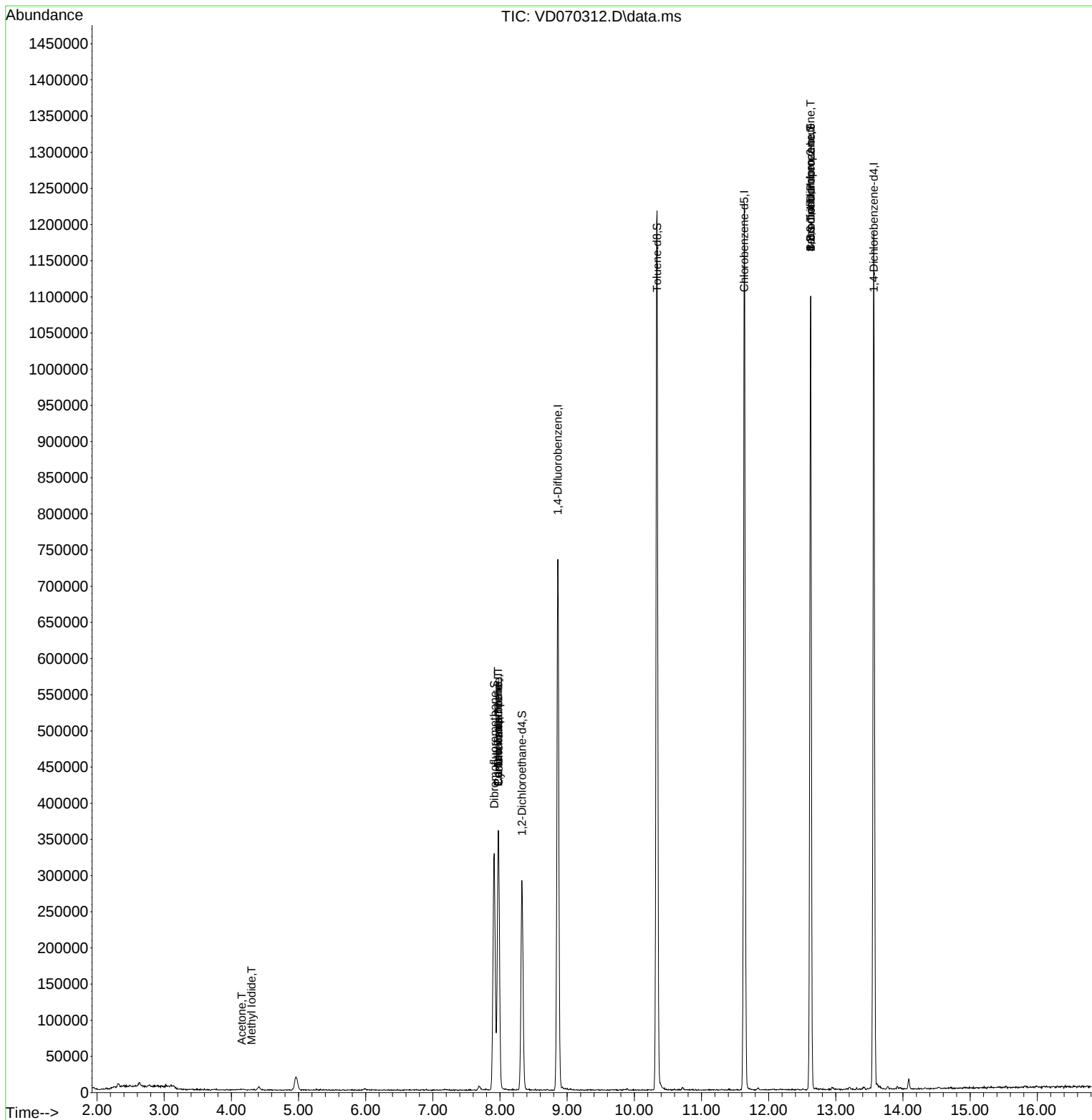
Quant Time: Sep 11 02:29:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

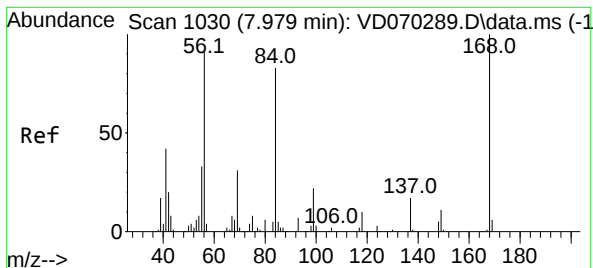
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	250777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	620423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	303822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	225378	69.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.980%	
35) Dibromofluoromethane	7.914	113	241119	54.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.200%	
50) Toluene-d8	10.338	98	860420	53.661	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.320%	
62) 4-Bromofluorobenzene	12.626	95	310607	55.428	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.860%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	57	Below Cal	#	43
3) Chloromethane	2.209	50	691	Below Cal		96
5) Bromomethane	2.779	94	1485	Below Cal		94
6) Chloroethane	3.126	64	56	Below Cal	#	43
10) Methyl Iodide	4.303	142	348	1.139	ug/l #	39
16) Acetone	4.156	43	2548	4.432	ug/l #	36
18) Methyl Acetate	4.556	43	55	Below Cal	#	48
20) Methylene Chloride	4.961	84	14801	Below Cal		96
31) Cyclohexane	7.979	56	5792	1.044	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	23934	3.609	ug/l #	48
38) Carbon Tetrachloride	7.973	117	28540	4.352	ug/l #	15
71) Bromoform	12.626	173	2842	1.085	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	155230	50.511	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	155230	126.560	ug/l #	18

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

Quant Time: Sep 11 02:29:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration



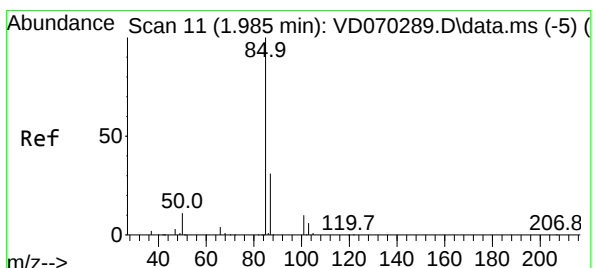
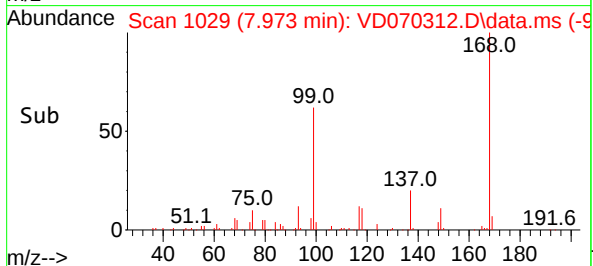
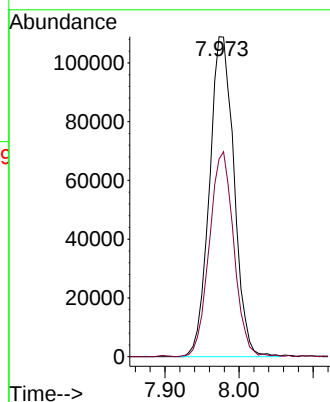
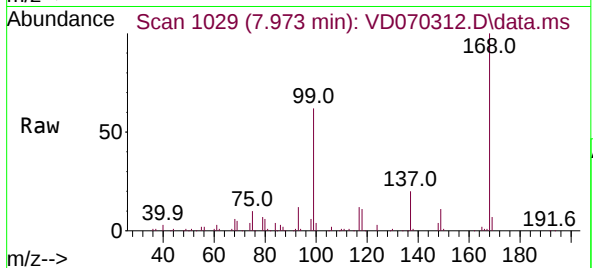


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: VD070312.D
 Acq: 10 Sep 2021 21:05

Instrument :
 MSVOA_D
 ClientSampleId :

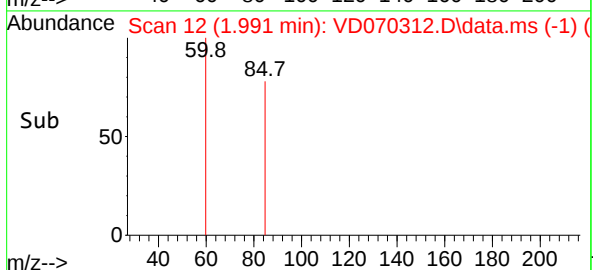
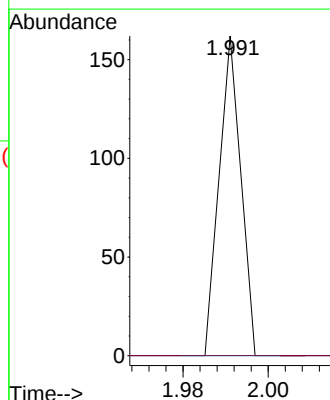
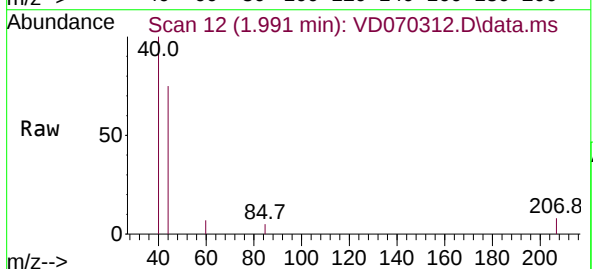
Tgt Ion:168 Resp: 250777
 Ion Ratio Lower Upper
 168 100
 99 61.6 50.8 76.2



#2

Dichlorodifluoromethane
 Concen: Below Cal
 RT: 1.991 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VD070312.D
 Acq: 10 Sep 2021 21:05

Tgt Ion: 85 Resp: 57
 Ion Ratio Lower Upper
 85 100
 87 0.0 15.6 46.8#

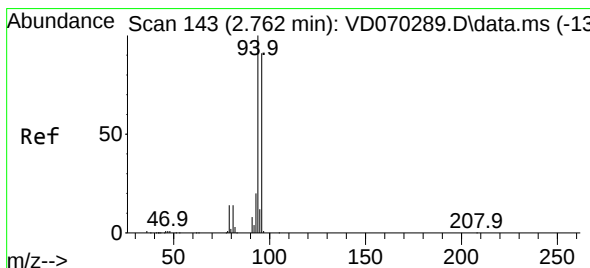
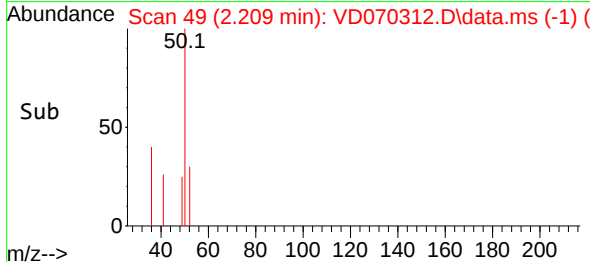
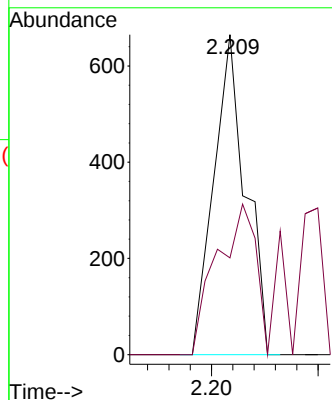
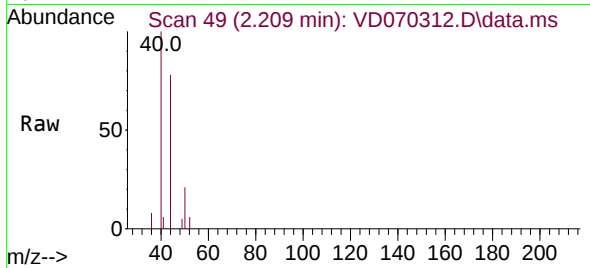




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

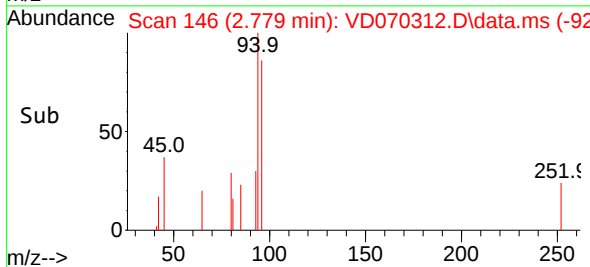
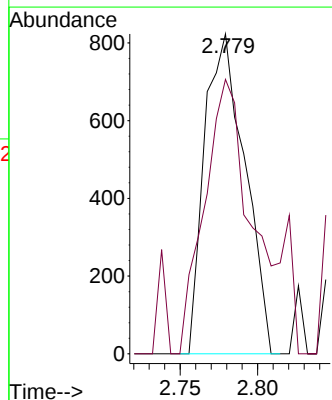
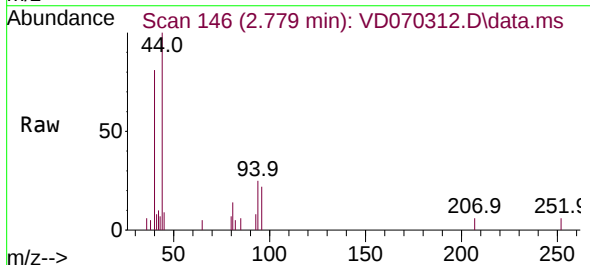
Instrument :
MSVOA_D
ClientSampled :

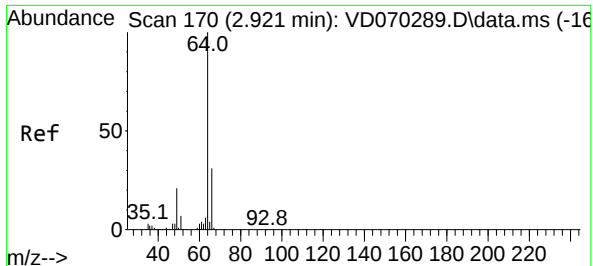
Tgt Ion: 50 Resp: 691
Ion Ratio Lower Upper
50 100
52 30.2 26.2 39.2



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Tgt Ion: 94 Resp: 1485
Ion Ratio Lower Upper
94 100
96 85.8 73.0 109.6

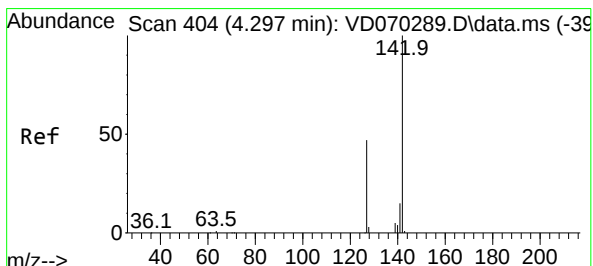
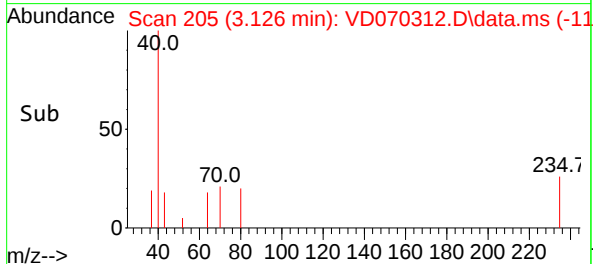
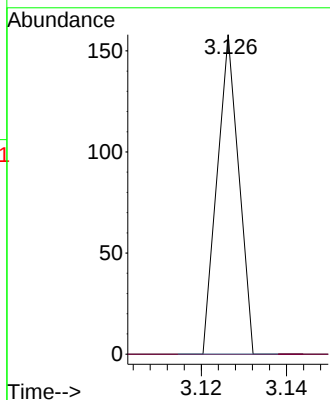
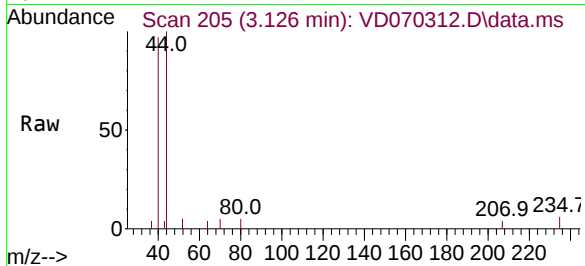




#6
Chloroethane
Concen: Below Cal
RT: 3.126 min Scan# 205
Delta R.T. 0.205 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

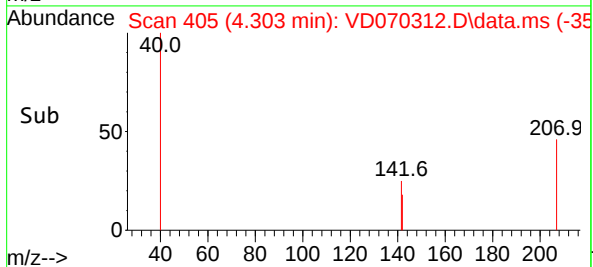
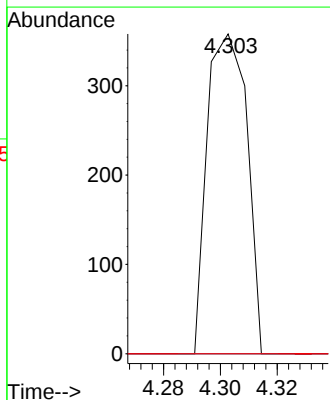
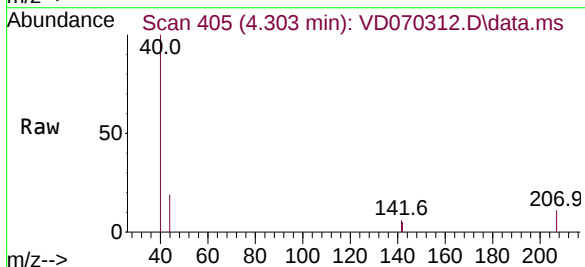
Instrument :
MSVOA_D
ClientSampled :

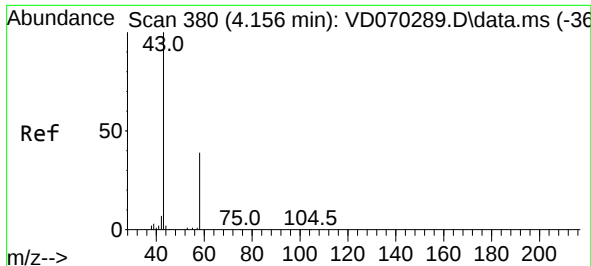
Tgt Ion: 64 Resp: 56
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.139 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Tgt Ion:142 Resp: 348
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

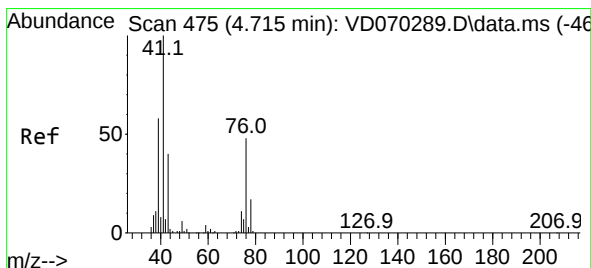
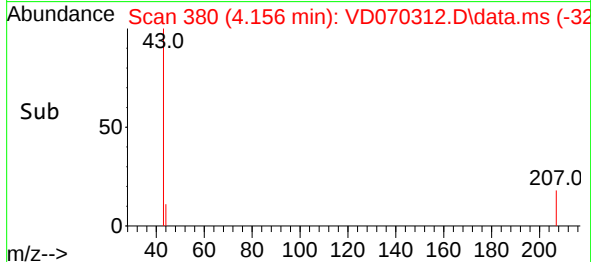
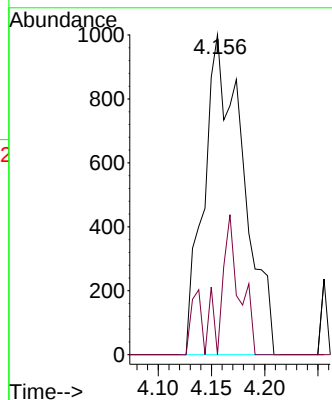
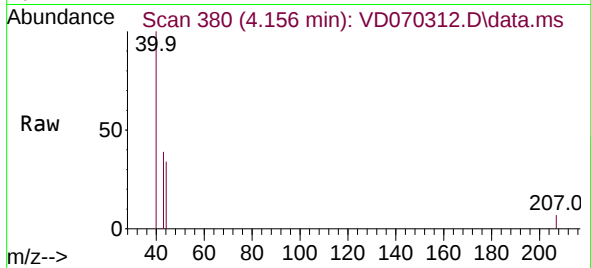




#16
Acetone
Concen: 4.432 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

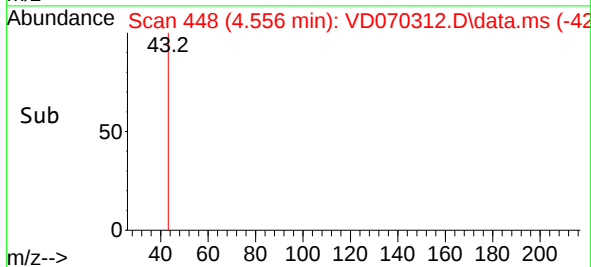
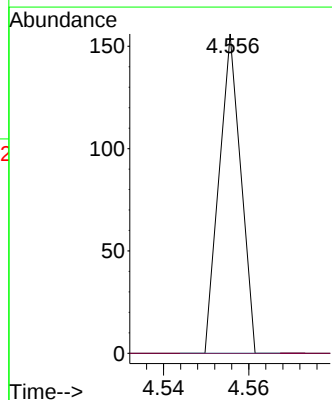
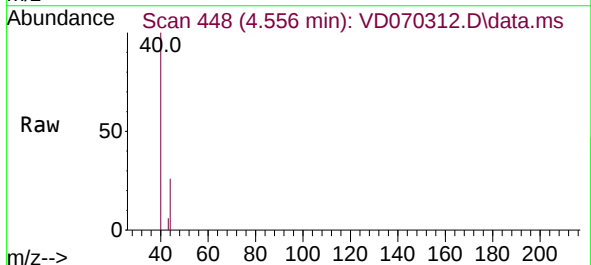
Instrument :
MSVOA_D
ClientSampleId :

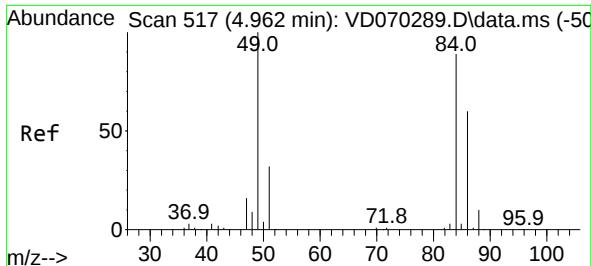
Tgt Ion: 43 Resp: 2548
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.556 min Scan# 448
Delta R.T. -0.159 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD070312.D

Acq: 10 Sep 2021 21:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 14801

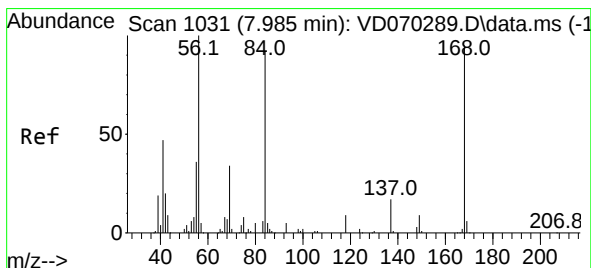
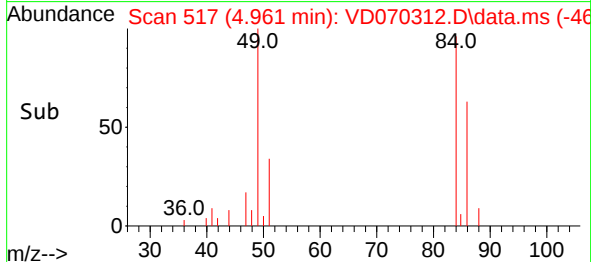
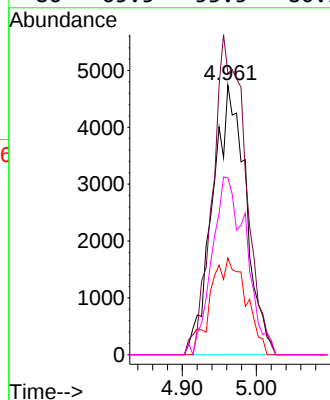
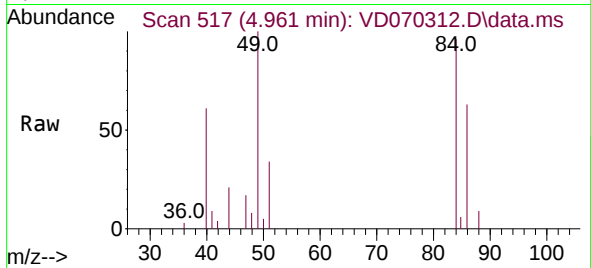
Ion Ratio Lower Upper

84 100

49 104.3 89.6 134.4

51 35.9 28.6 43.0

86 65.5 53.5 80.3



#31

Cyclohexane

Concen: 1.044 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD070312.D

Acq: 10 Sep 2021 21:05

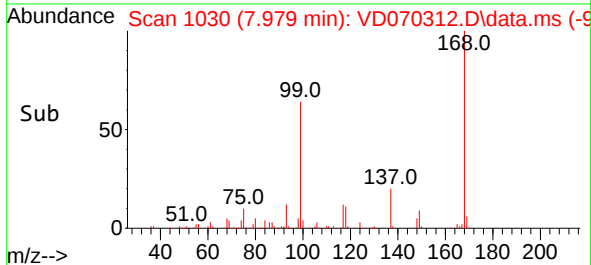
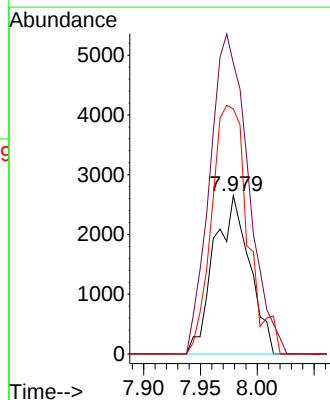
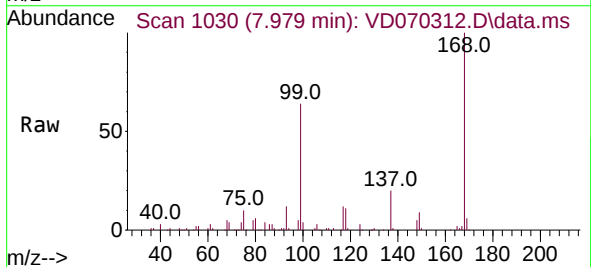
Tgt Ion: 56 Resp: 5792

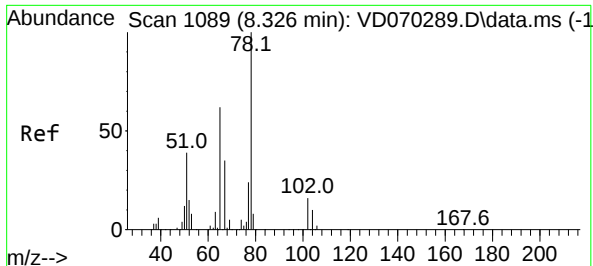
Ion Ratio Lower Upper

56 100

69 183.8 26.9 40.3#

84 154.8 73.6 110.4#



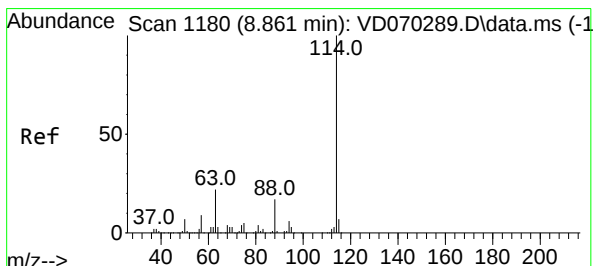
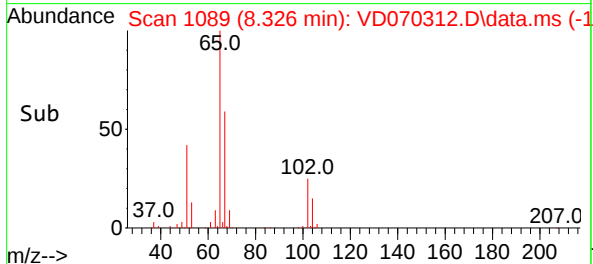
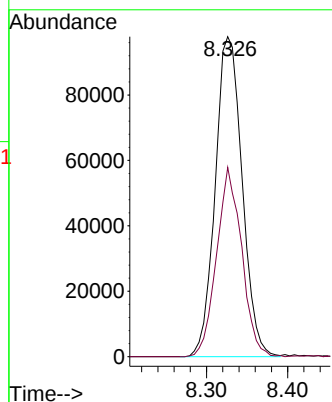
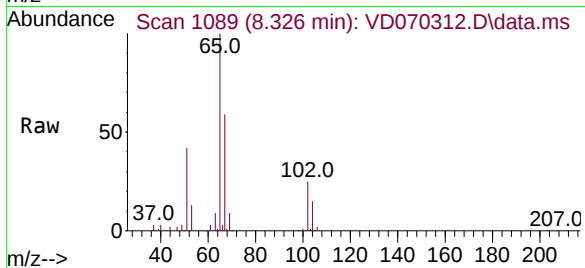


#33

1,2-Dichloroethane-d4
Concen: 69.992 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Instrument :
MSVOA_D
ClientSampleId :

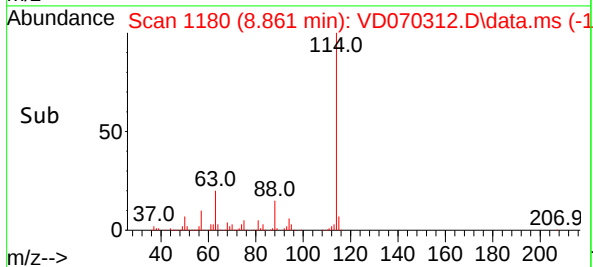
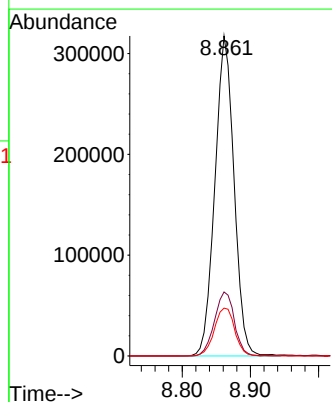
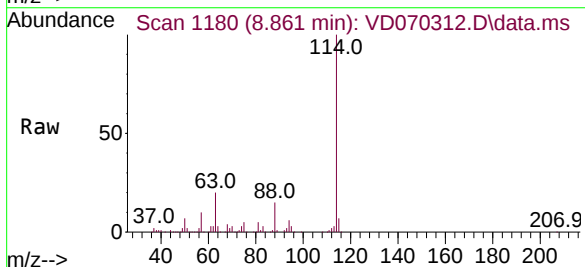
Tgt Ion: 65 Resp: 225378
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.4

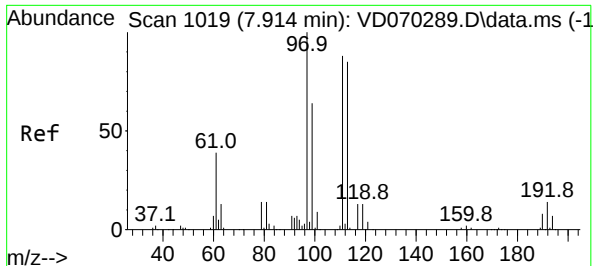


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Tgt Ion: 114 Resp: 620423
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.4
88 15.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.598 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070312.D

Acq: 10 Sep 2021 21:05

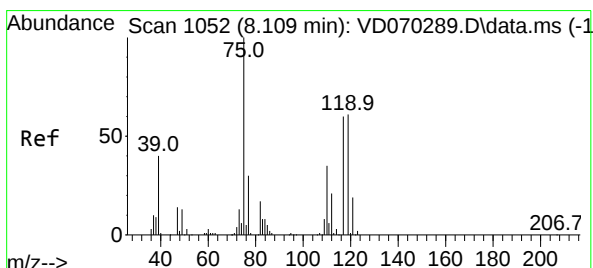
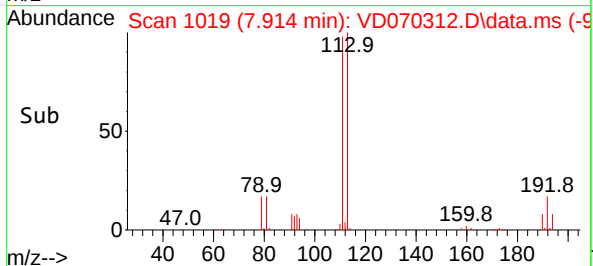
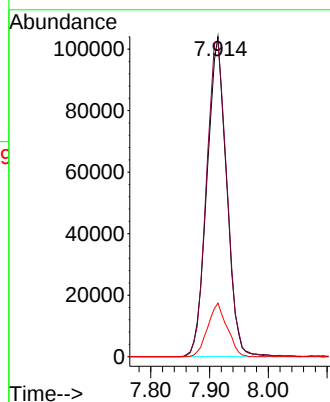
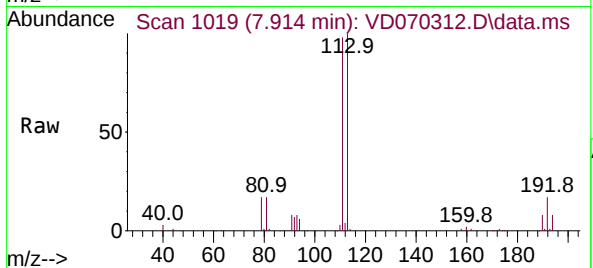
Tgt Ion:113 Resp: 241119

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.2

192 16.6 13.0 19.6



#36

1,1-Dichloropropene

Concen: 3.609 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070312.D

Acq: 10 Sep 2021 21:05

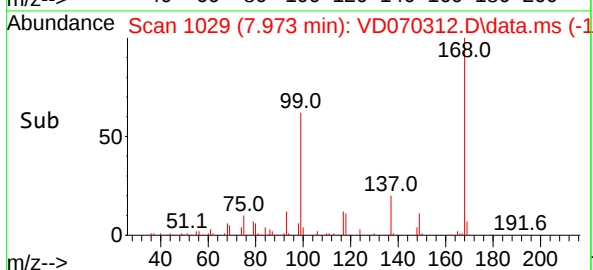
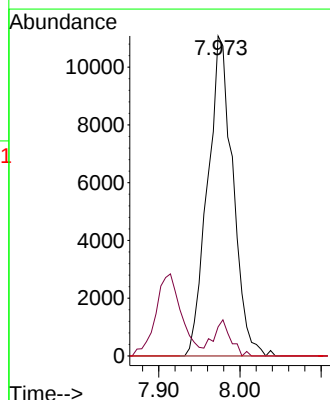
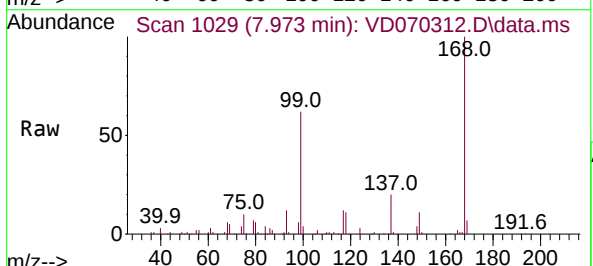
Tgt Ion: 75 Resp: 23934

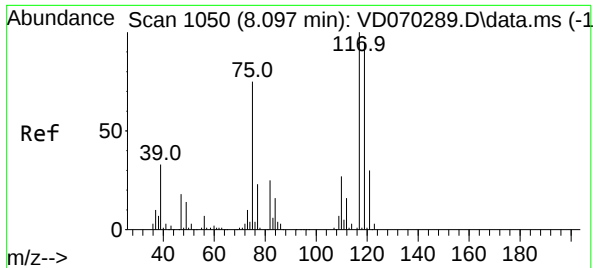
Ion Ratio Lower Upper

75 100

110 7.6 17.9 53.7#

77 0.0 25.3 37.9#

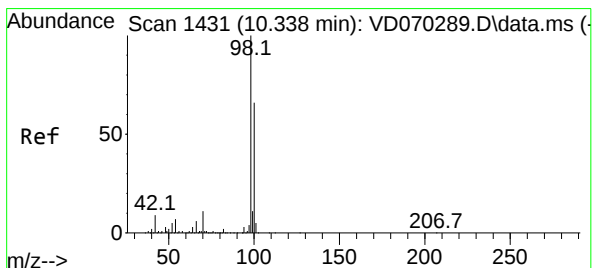
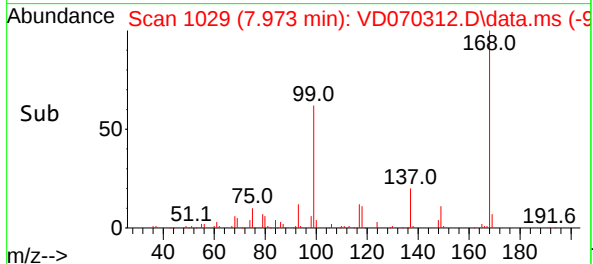
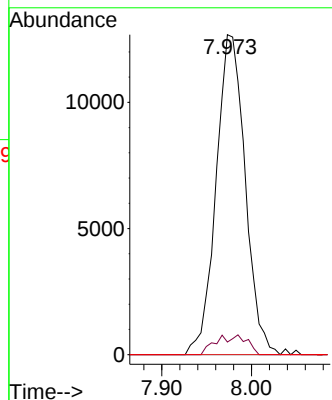
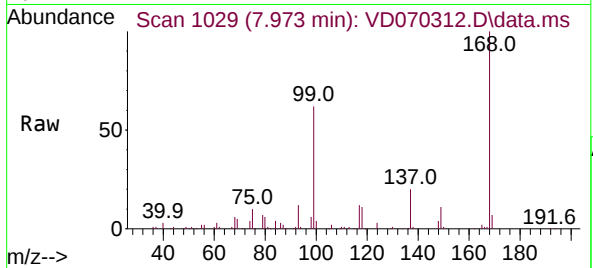




#38
Carbon Tetrachloride
Concen: 4.352 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

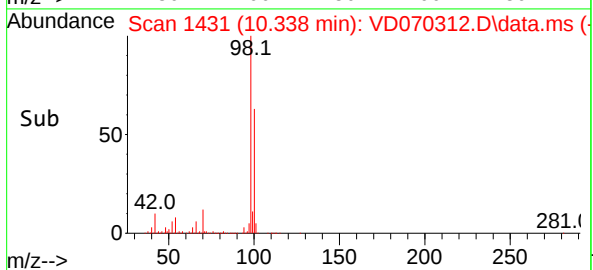
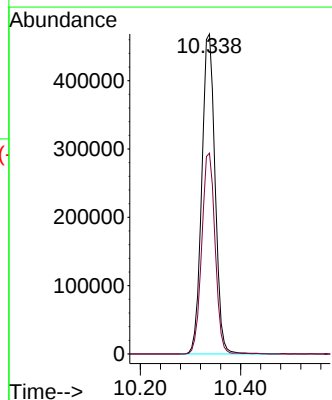
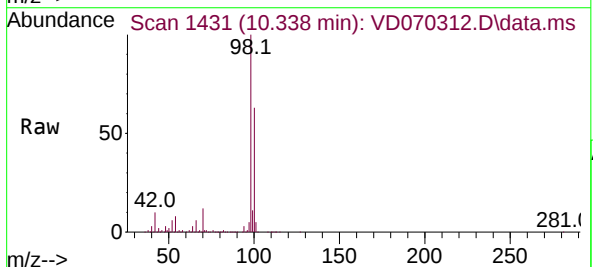
Instrument :
MSVOA_D
ClientSampled :

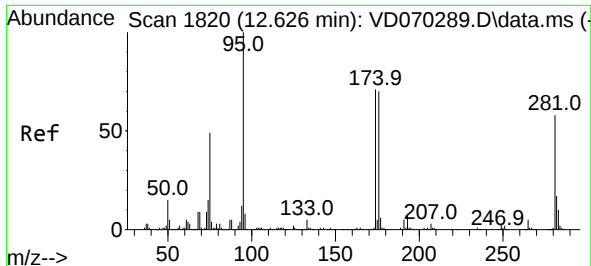
Tgt Ion:117 Resp: 28540
Ion Ratio Lower Upper
117 100
119 4.0 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 53.661 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Tgt Ion: 98 Resp: 860420
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

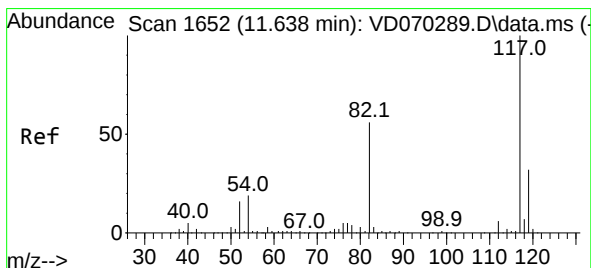
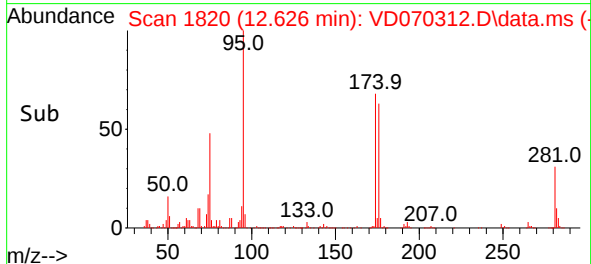
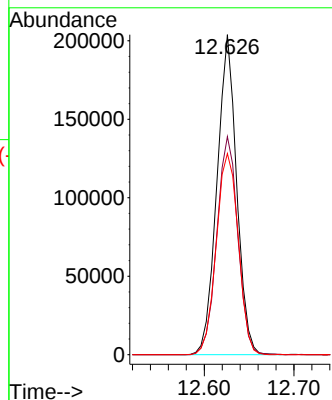
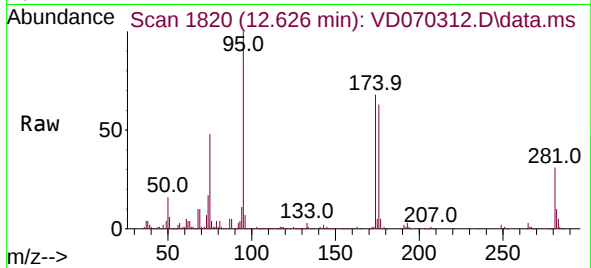




#62
4-Bromofluorobenzene
Concen: 55.428 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

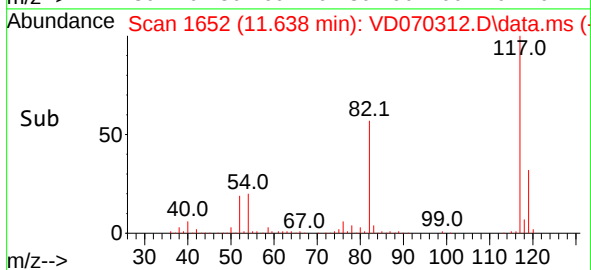
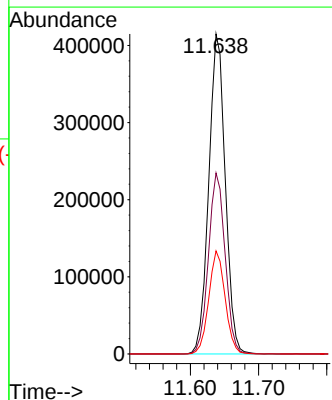
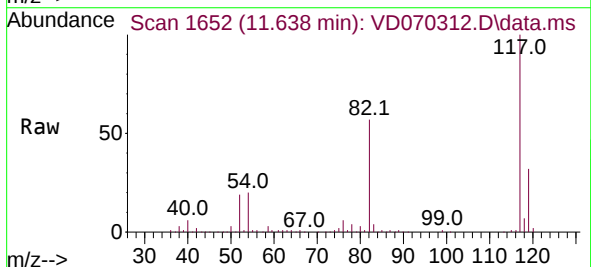
Instrument :
MSVOA_D
ClientSampleId :

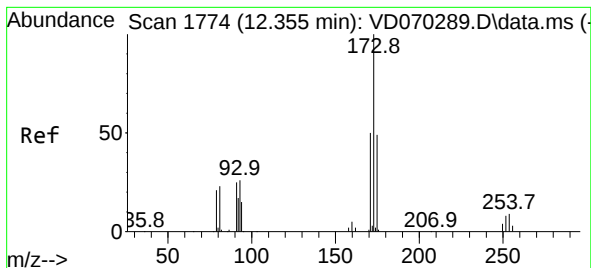
Tgt Ion: 95 Resp: 310607
Ion Ratio Lower Upper
95 100
174 72.6 0.0 140.6
176 70.1 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Tgt Ion: 117 Resp: 698495
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.2 25.2 37.8





#71

Bromoform

Concen: 1.085 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.270 min

Lab File: VD070312.D

Acq: 10 Sep 2021 21:05

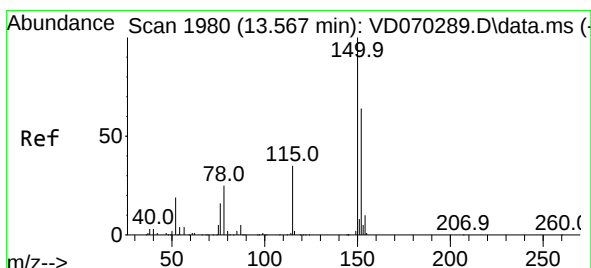
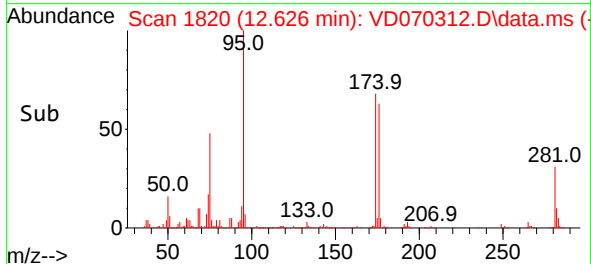
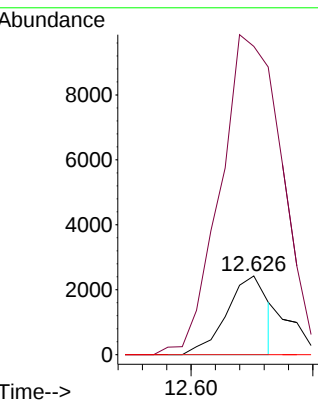
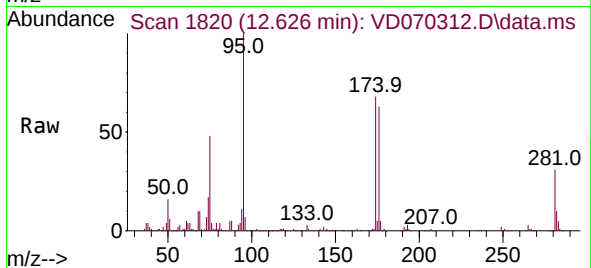
Tgt Ion:173 Resp: 2842

Ion Ratio Lower Upper

173 100

175 492.0 25.1 75.2#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD070312.D

Acq: 10 Sep 2021 21:05

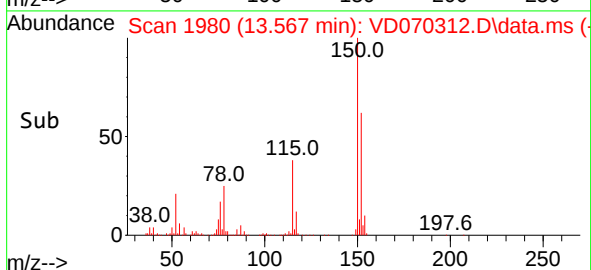
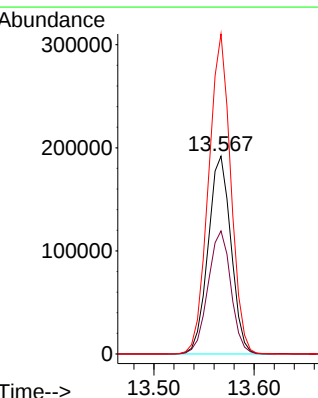
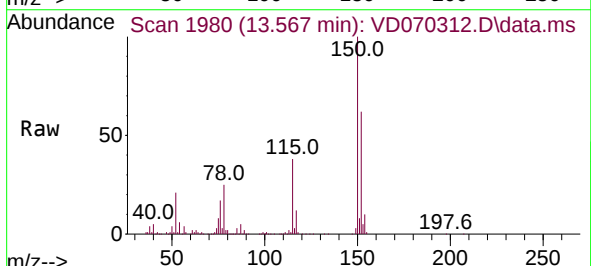
Tgt Ion:152 Resp: 303822

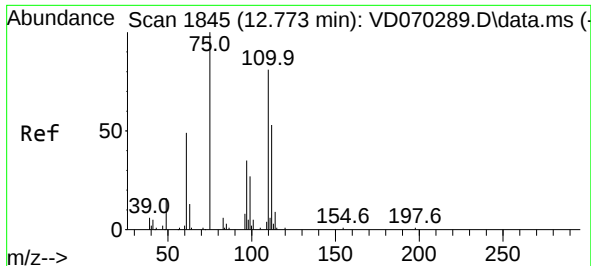
Ion Ratio Lower Upper

152 100

115 62.2 32.1 96.3

150 157.2 0.0 350.6

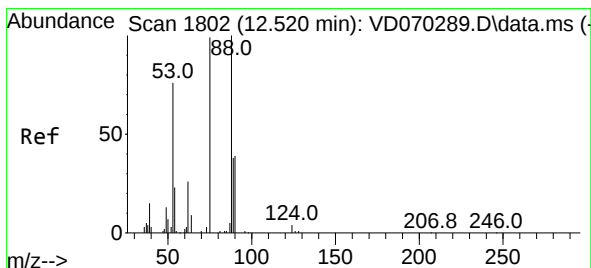
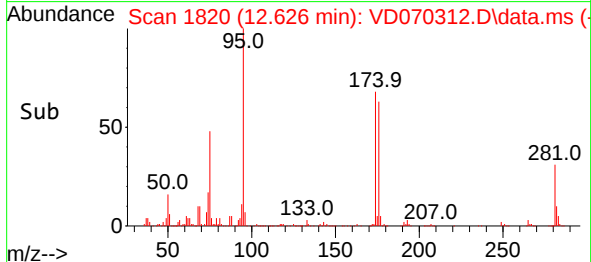
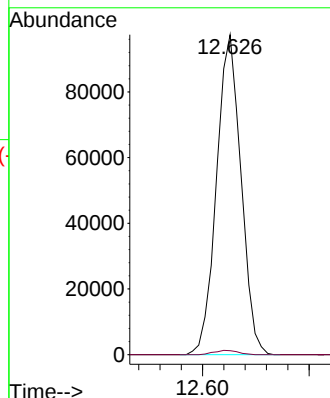
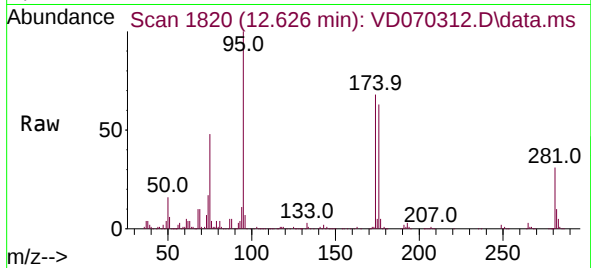




#76
1,2,3-Trichloropropane
Concen: 50.511 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 155230
Ion Ratio Lower Upper
75 100
77 1.3 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.560 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Tgt Ion: 75 Resp: 155230
Ion Ratio Lower Upper
75 100
53 0.3 64.2 96.2#
89 0.4 35.6 53.4#

