

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070308.D
 Acq On : 10 Sep 2021 19:11
 Operator : VA/SY
 Sample : M3684-09
 Misc : 7.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 11 02:28:29 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)

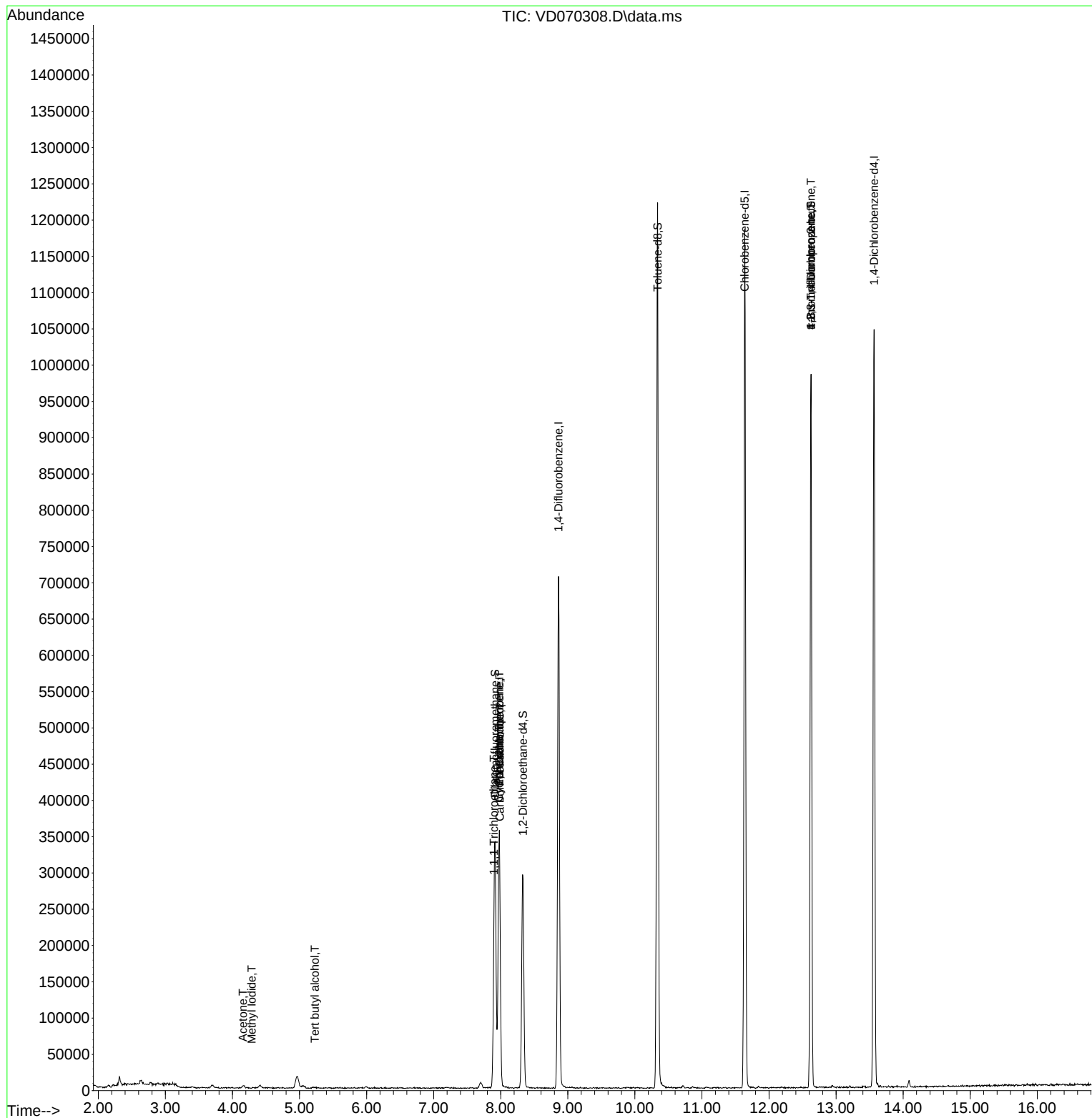
Internal Standards						
1) Pentafluorobenzene	7.979	168	248343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	599302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	667125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	278366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	233485	73.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.440%	
35) Dibromofluoromethane	7.914	113	240600	56.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.800%	
50) Toluene-d8	10.338	98	836801	54.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.626	95	296893	54.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.700%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	75	Below Cal	#	43
3) Chloromethane	2.215	50	927	Below Cal	#	36
5) Bromomethane	2.785	94	1601	Below Cal		95
6) Chloroethane	3.091	64	76	Below Cal	#	43
10) Methyl Iodide	4.285	142	348	1.140	ug/l #	61
11) Tert butyl alcohol	5.226	59	911	2.527	ug/l #	100
16) Acetone	4.156	43	4868	8.551	ug/l #	68
18) Methyl Acetate	4.826	43	79	Below Cal	#	48
20) Methylene Chloride	4.962	84	13967	Below Cal	#	68
31) Cyclohexane	7.973	56	6428	1.170	ug/l #	1
32) 1,1,1-Trichloroethane	7.897	97	24021	4.326	ug/l #	95
36) 1,1-Dichloropropene	7.979	75	22336	3.487	ug/l #	48
38) Carbon Tetrachloride	7.985	117	26366	4.162	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	146904	52.173	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	146904	130.724	ug/l #	18

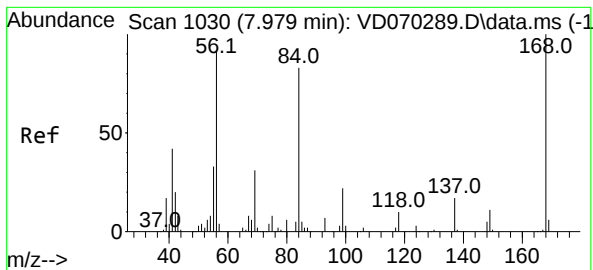
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
Data File : VD070308.D
Acq On : 10 Sep 2021 19:11
Operator : VA/SY
Sample : M3684-09
Misc : 7.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 11 02:28:29 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

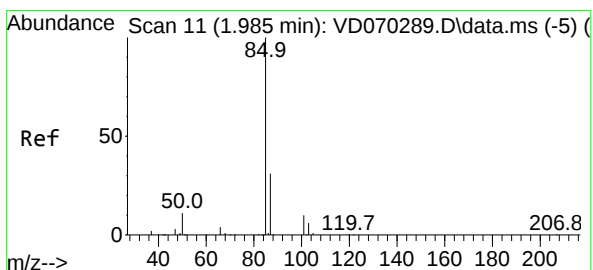
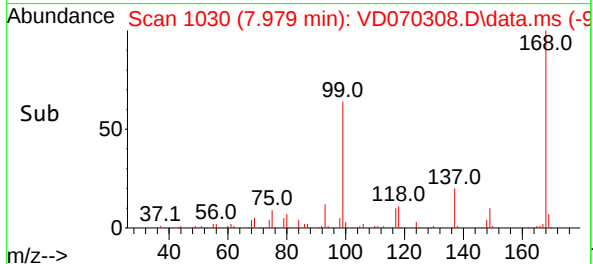
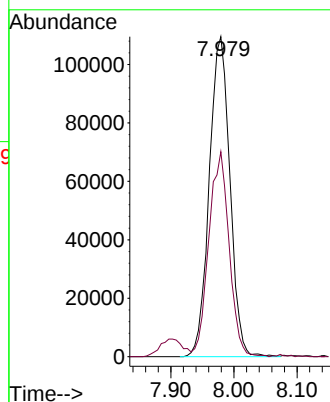
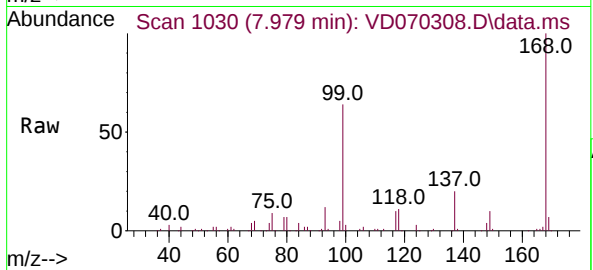




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

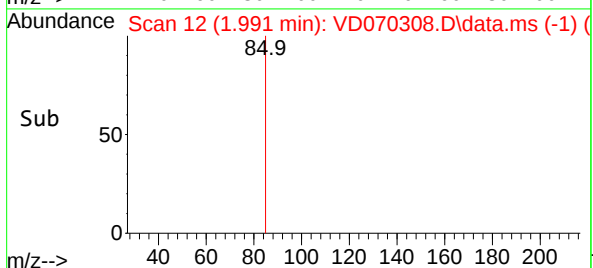
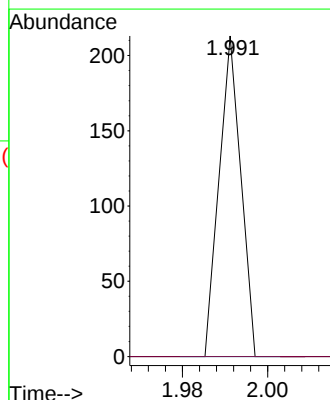
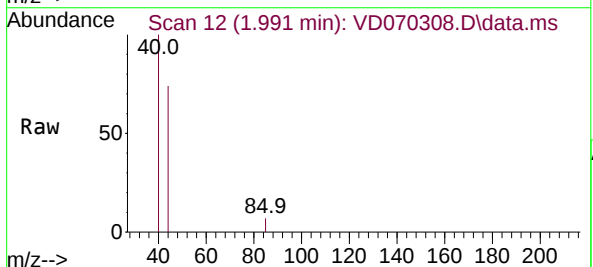
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 248343
Ion Ratio Lower Upper
168 100
99 63.3 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

Tgt Ion: 85 Resp: 75
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

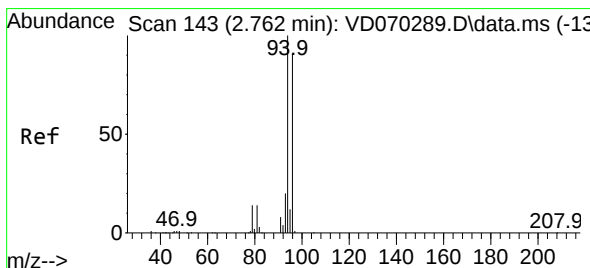
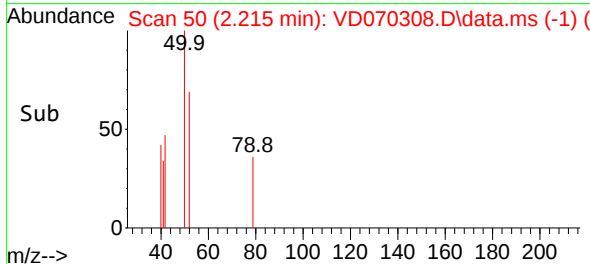
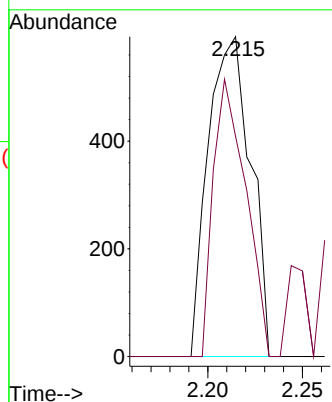
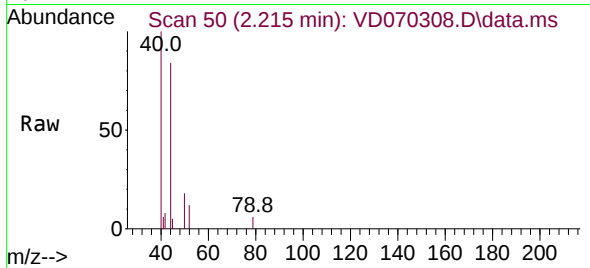




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

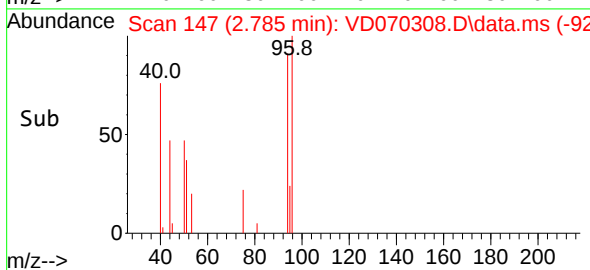
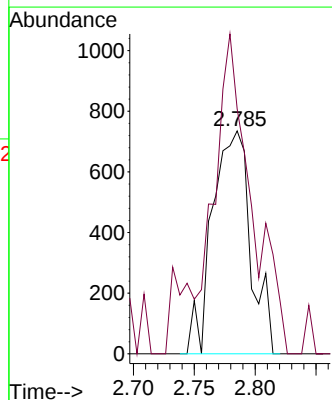
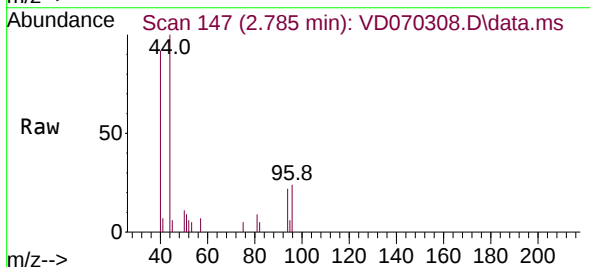
Instrument :
MSVOA_D
ClientSampled :

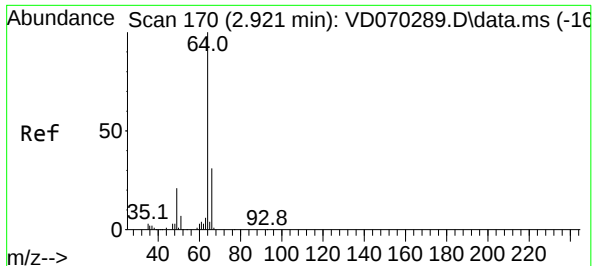
Tgt Ion: 50 Resp: 927
Ion Ratio Lower Upper
50 100
52 68.9 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

Tgt Ion: 94 Resp: 1601
Ion Ratio Lower Upper
94 100
96 86.7 73.0 109.6

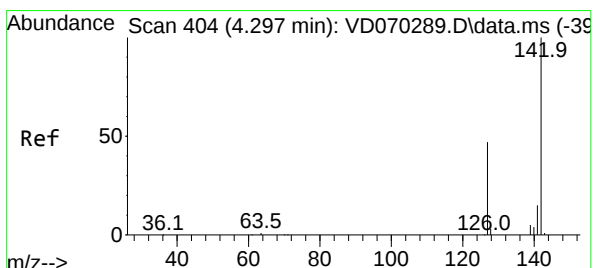
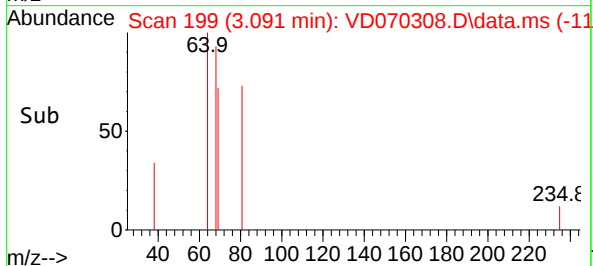
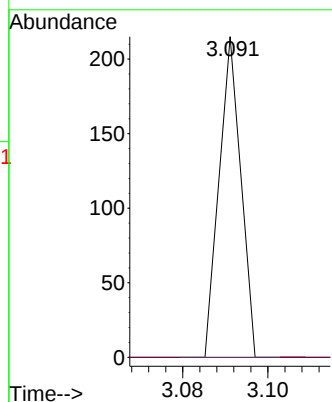
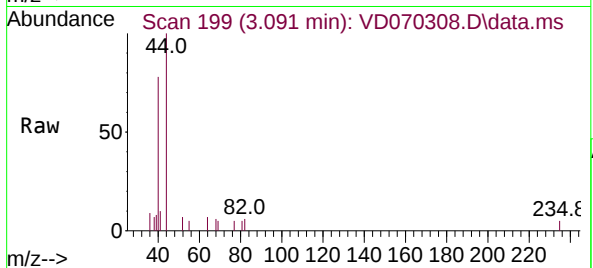




#6
Chloroethane
Concen: Below Cal
RT: 3.091 min Scan# 199
Delta R.T. 0.170 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

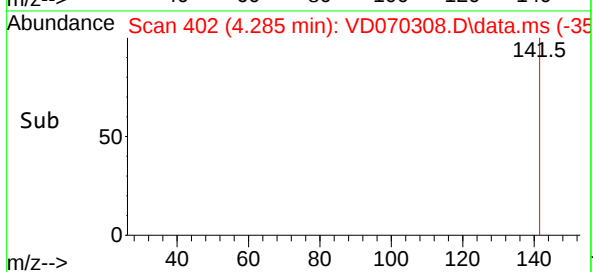
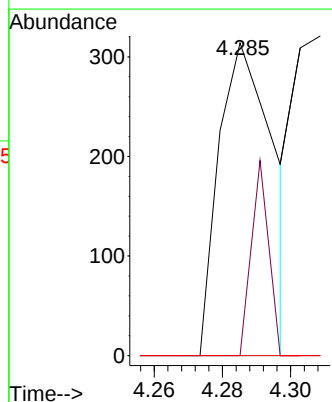
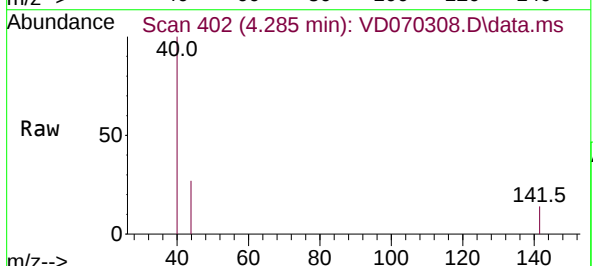
Instrument :
MSVOA_D
ClientSampled :

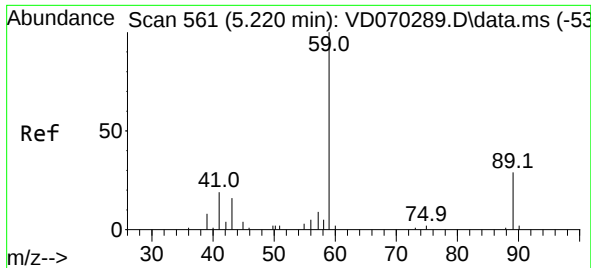
Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.140 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

Tgt Ion: 142 Resp: 348
Ion Ratio Lower Upper
142 100
127 19.8 36.9 55.3#
141 0.0 11.8 17.6#

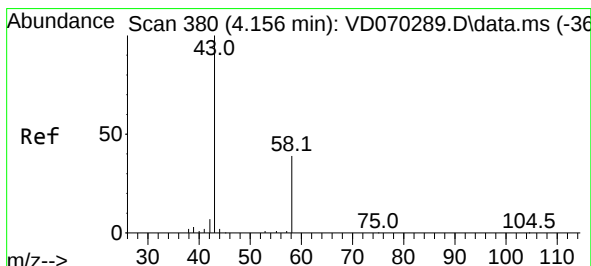
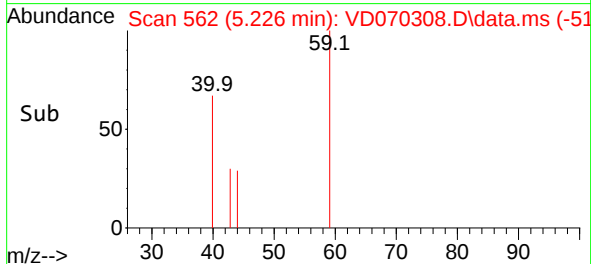
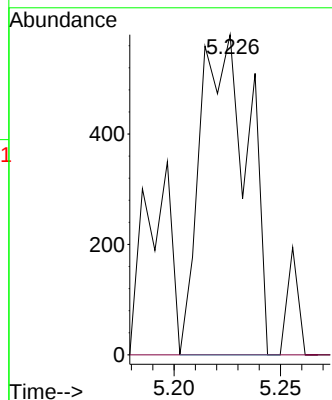
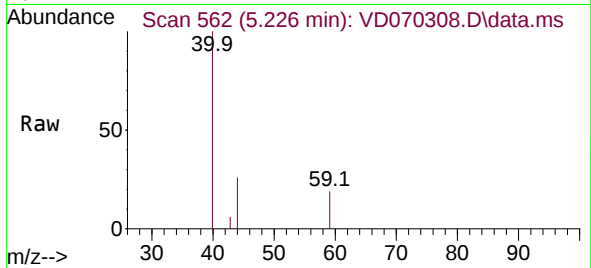




#11
Tert butyl alcohol
Concen: 2.527 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

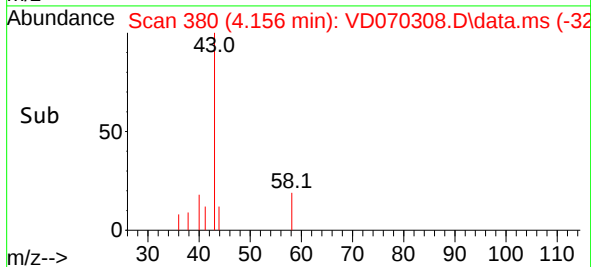
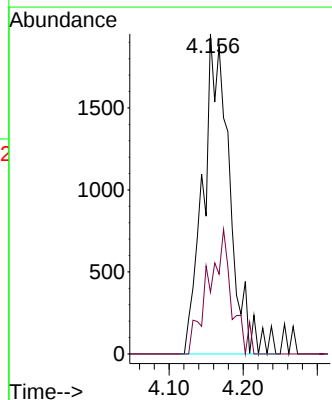
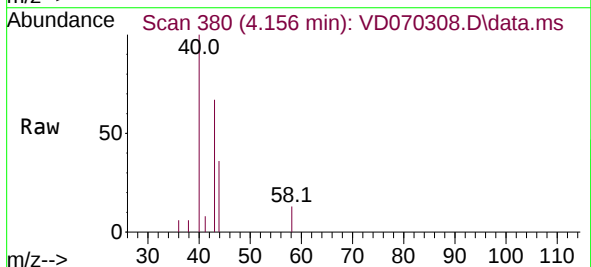
Instrument :
MSVOA_D
ClientSampled :

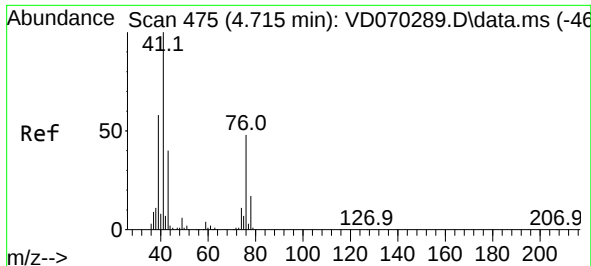
Tgt Ion: 59 Resp: 911
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 8.551 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

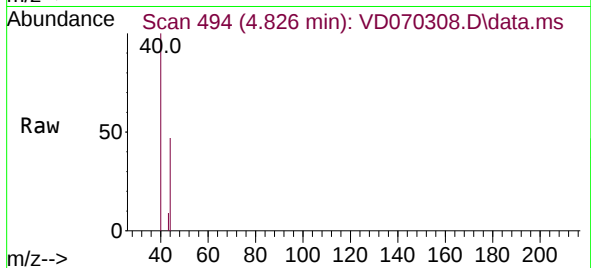
Tgt Ion: 43 Resp: 4868
Ion Ratio Lower Upper
43 100
58 19.3 30.9 46.3#



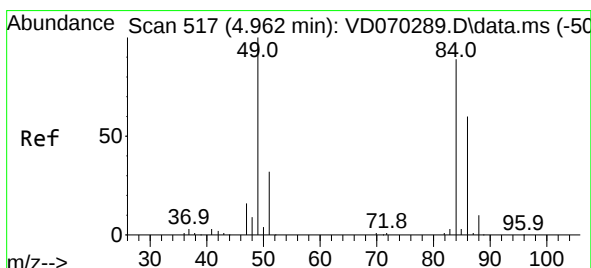
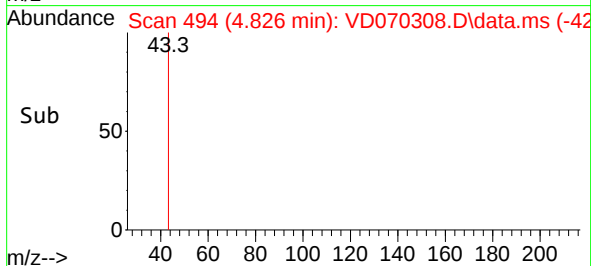
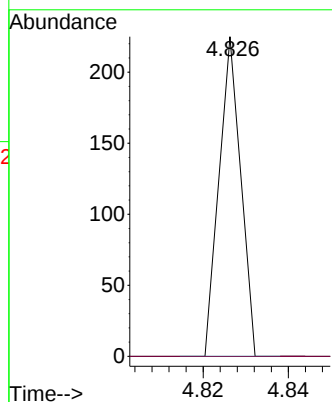


#18
Methyl Acetate
Concen: Below Cal
RT: 4.826 min Scan# 494
Delta R.T. 0.111 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

Instrument :
MSVOA_D
ClientSampled :

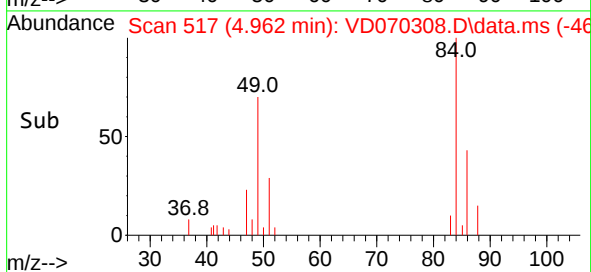
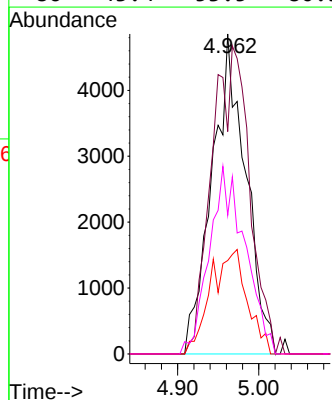
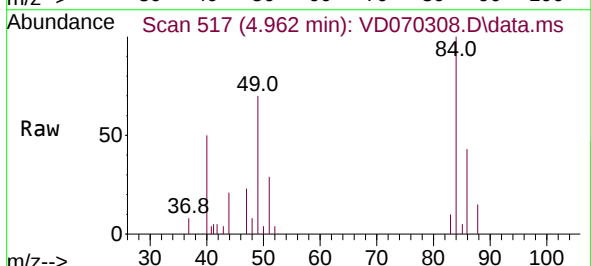


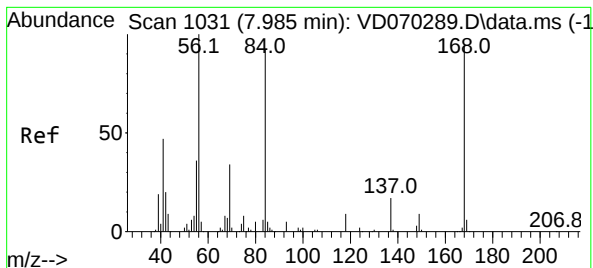
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

Tgt Ion: 84 Resp: 13967
Ion Ratio Lower Upper
84 100
49 69.5 89.6 134.4#
51 29.2 28.6 43.0
86 43.4 53.5 80.3#





#31

Cyclohexane

Concen: 1.170 ug/l

RT: 7.973 min Scan# 1029

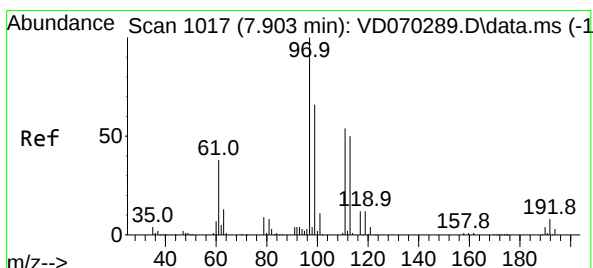
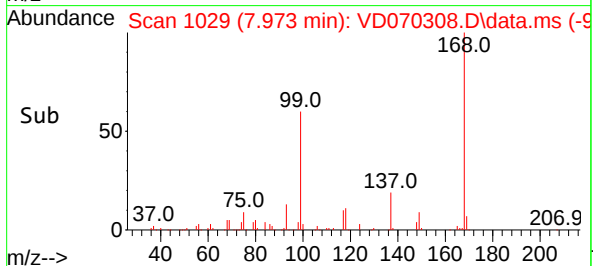
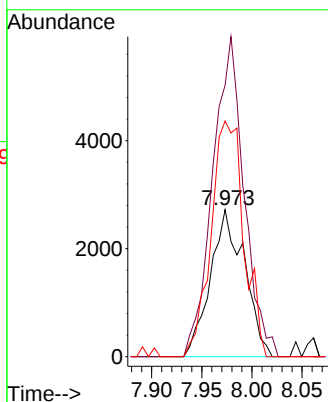
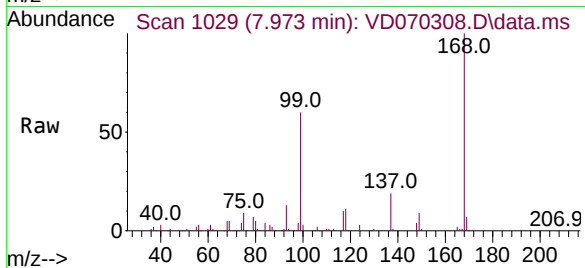
Delta R.T. -0.012 min

Lab File: VD070308.D

Acq: 10 Sep 2021 19:11

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 56	Resp: 6428
Ion Ratio	Lower Upper
56	100
69	184.6 26.9 40.3#
84	160.3 73.6 110.4#



#32

1,1,1-Trichloroethane

Concen: 4.326 ug/l

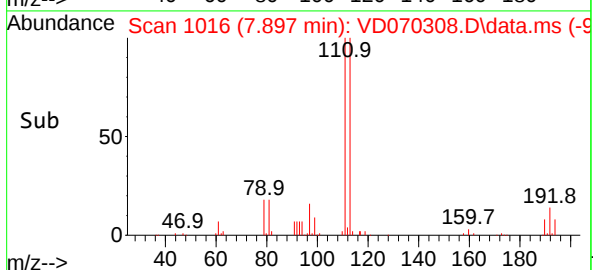
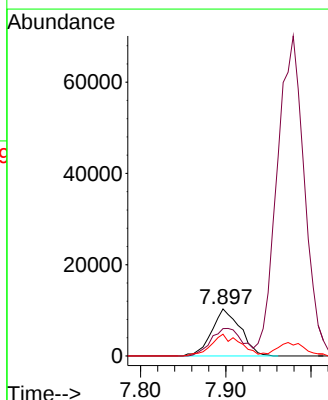
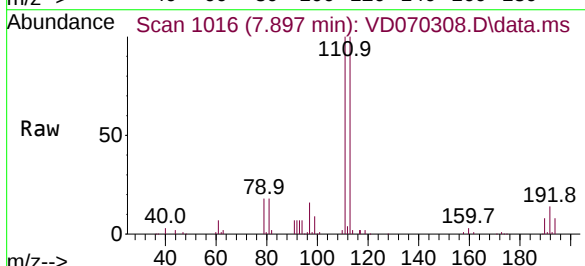
RT: 7.897 min Scan# 1016

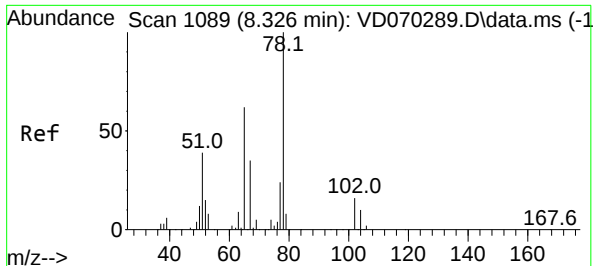
Delta R.T. -0.006 min

Lab File: VD070308.D

Acq: 10 Sep 2021 19:11

Tgt Ion: 97	Resp: 24021
Ion Ratio	Lower Upper
97	100
99	64.0 51.1 76.7
61	47.9 31.4 47.0#

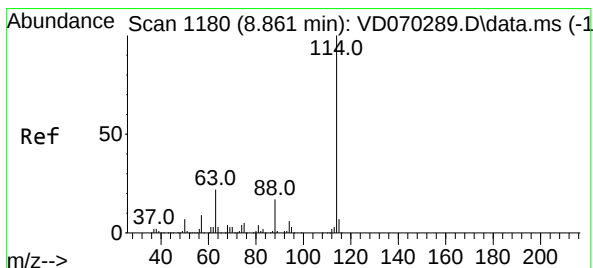
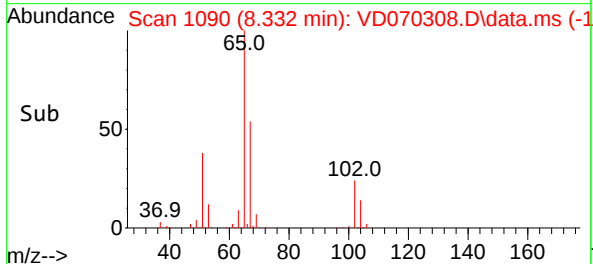
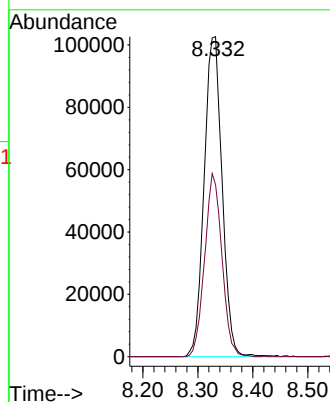
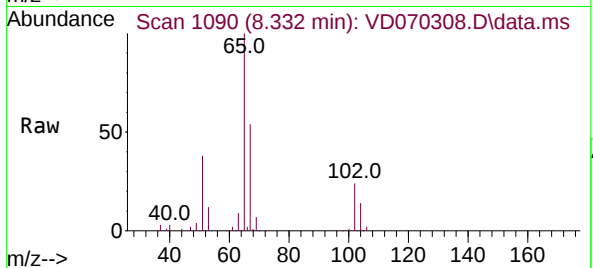




#33
1,2-Dichloroethane-d4
Concen: 73.221 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

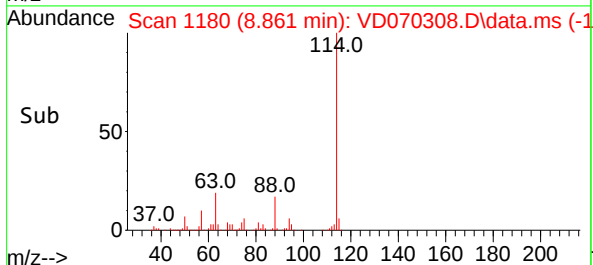
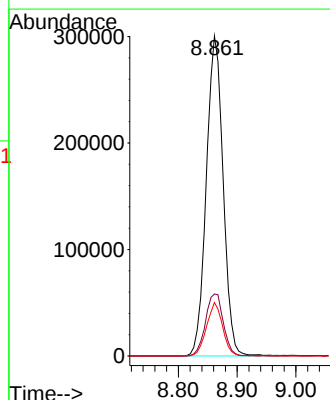
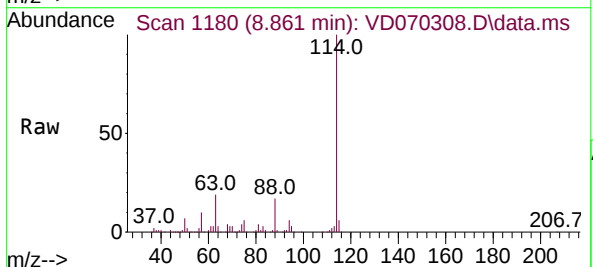
Instrument :
MSVOA_D
ClientSampled :

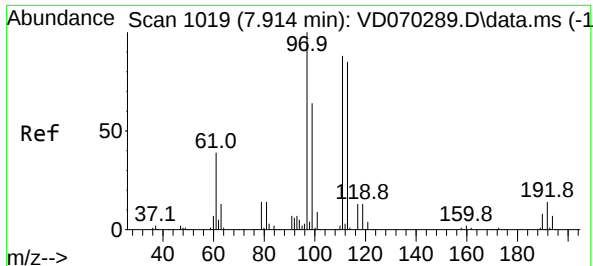
Tgt Ion: 65 Resp: 233485
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

Tgt Ion:114 Resp: 599302
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.4
88 16.7 0.0 33.4



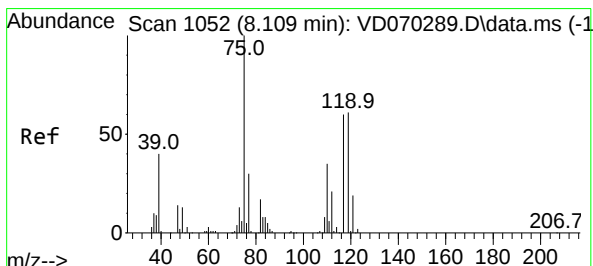
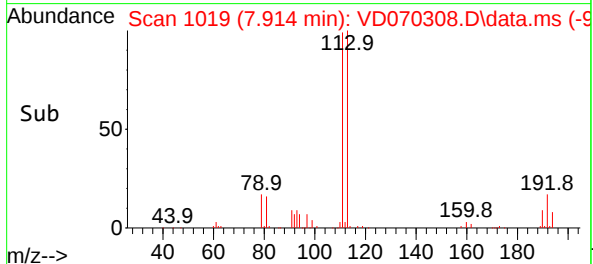
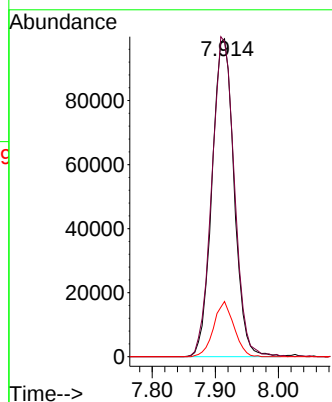
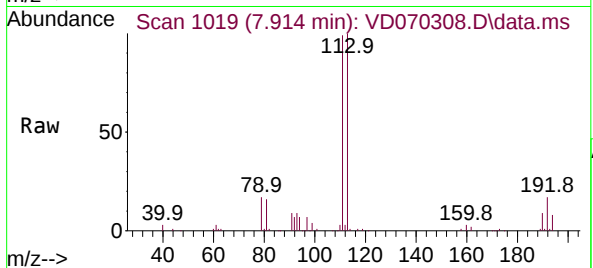


#35

Dibromofluoromethane
Concen: 56.401 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

Instrument :
MSVOA_D
ClientSampleId :

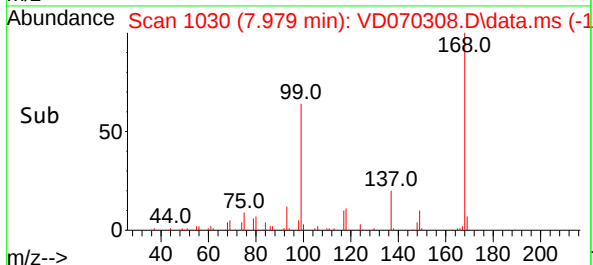
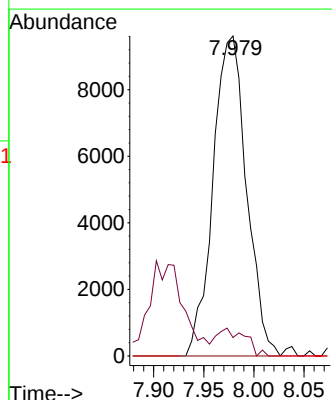
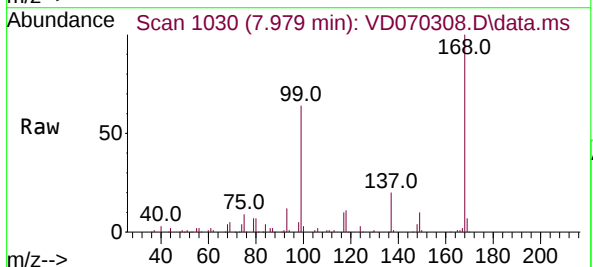
Tgt Ion:113 Resp: 240600
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.2
192 16.0 13.0 19.6

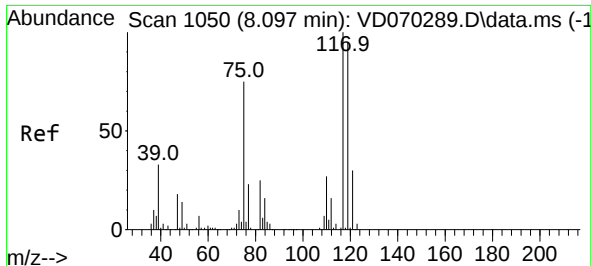


#36

1,1-Dichloropropene
Concen: 3.487 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

Tgt Ion: 75 Resp: 22336
Ion Ratio Lower Upper
75 100
110 7.5 17.9 53.7#
77 0.0 25.3 37.9#

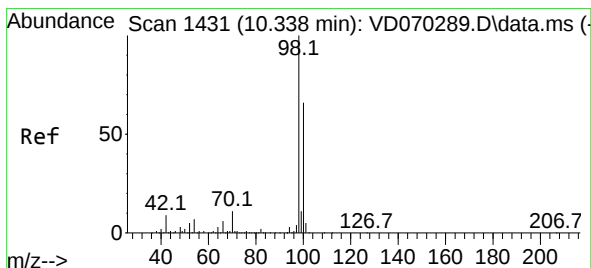
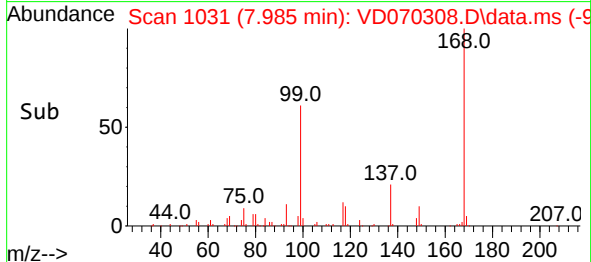
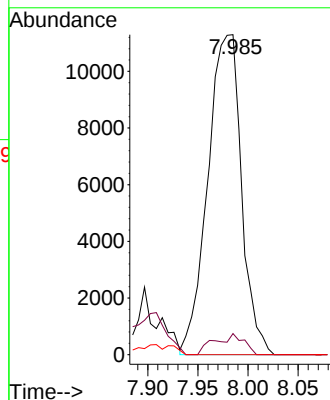
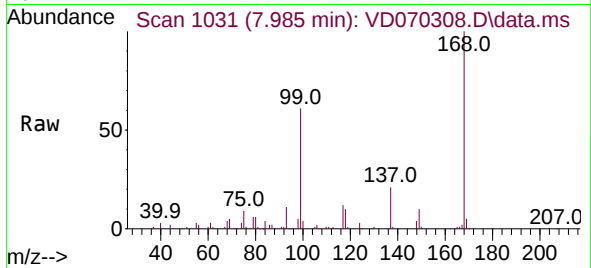




#38
Carbon Tetrachloride
Concen: 4.162 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

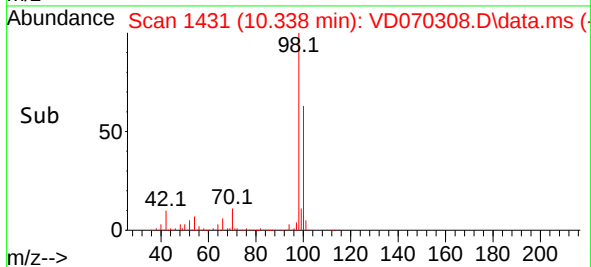
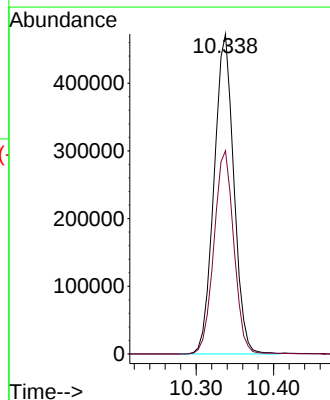
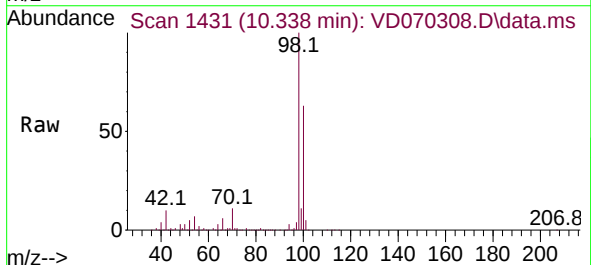
Instrument :
MSVOA_D
ClientSampled :

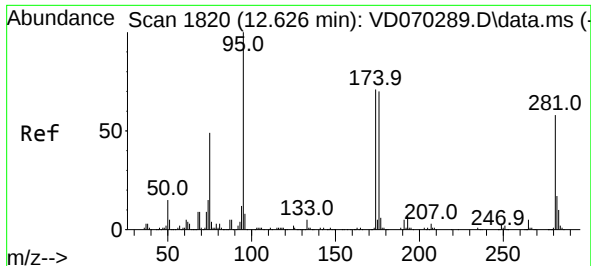
Tgt Ion:117 Resp: 26366
Ion Ratio Lower Upper
117 100
119 6.6 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 54.027 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

Tgt Ion: 98 Resp: 836801
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

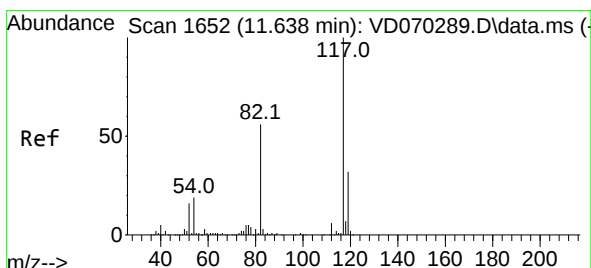
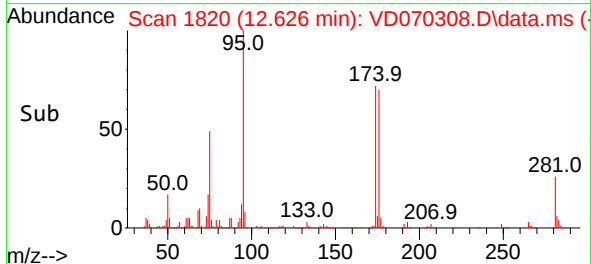
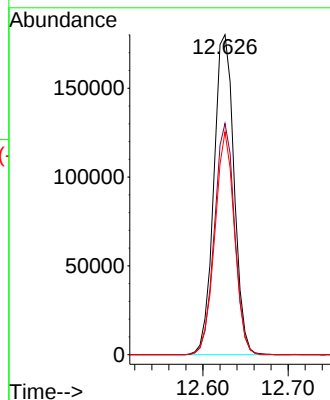
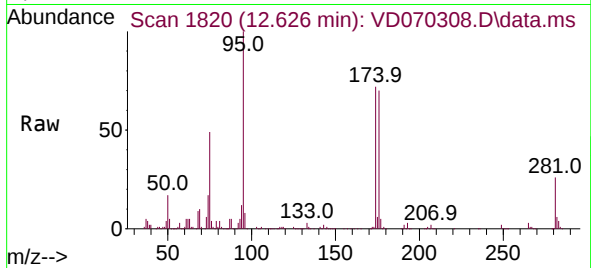




#62
4-Bromofluorobenzene
Concen: 54.848 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

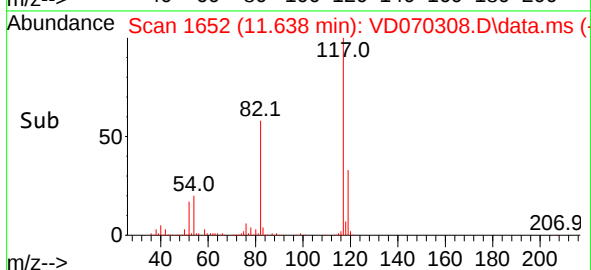
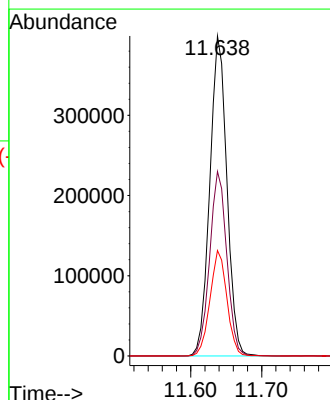
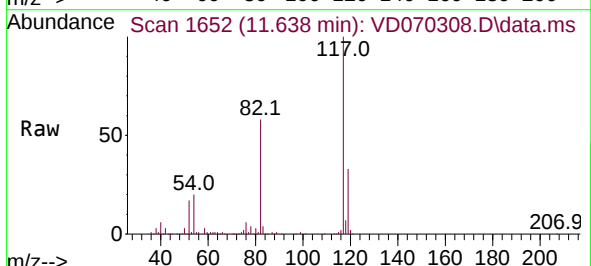
Instrument :
MSVOA_D
ClientSampleId :

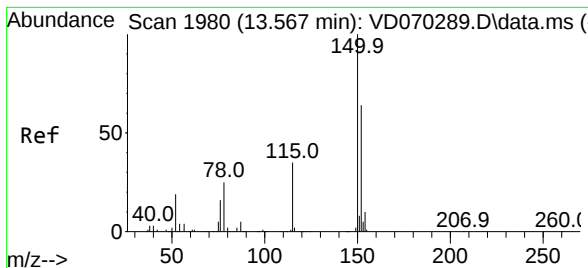
Tgt Ion: 95 Resp: 296893
Ion Ratio Lower Upper
95 100
174 71.9 0.0 140.6
176 67.6 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

Tgt Ion: 117 Resp: 667125
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 32.9 25.2 37.8

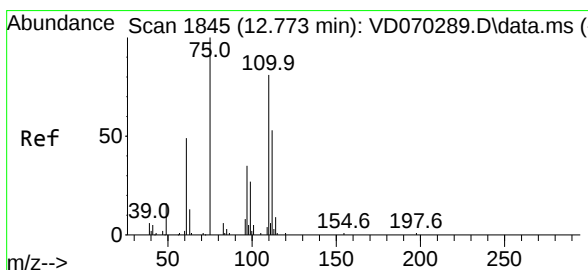
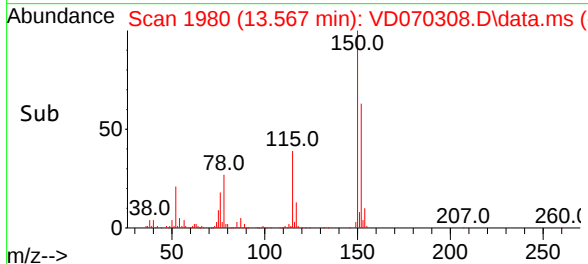
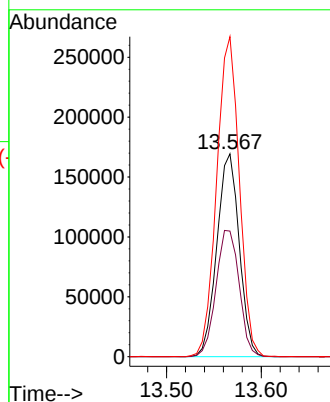
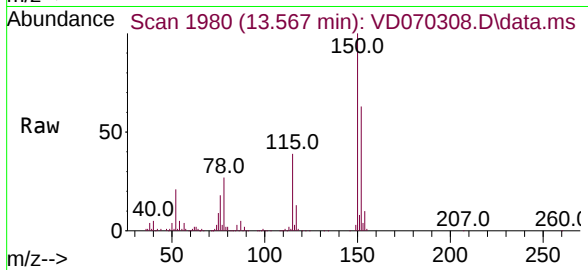




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

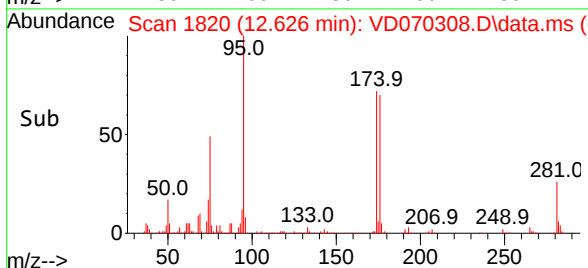
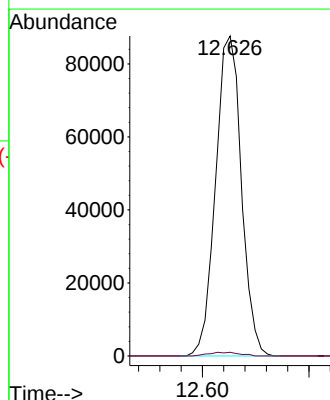
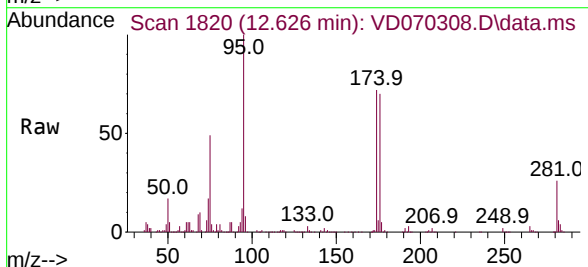
Instrument :
MSVOA_D
ClientSampleId :

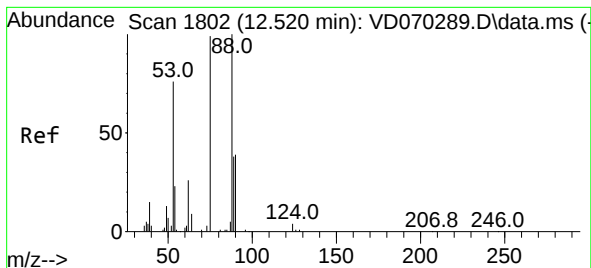
Tgt Ion:152 Resp: 278366
Ion Ratio Lower Upper
152 100
115 64.4 32.1 96.3
150 159.3 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 52.173 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070308.D
Acq: 10 Sep 2021 19:11

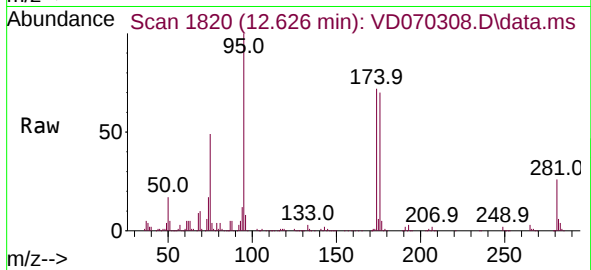
Tgt Ion: 75 Resp: 146904
Ion Ratio Lower Upper
75 100
77 1.4 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.724 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070308.D
 Acq: 10 Sep 2021 19:11

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 146904
 Ion Ratio Lower Upper
 75 100
 53 0.2 64.2 96.2#
 89 0.5 35.6 53.4#

