

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070311.D
 Acq On : 10 Sep 2021 20:36
 Operator : VA/SY
 Sample : M3684-12
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

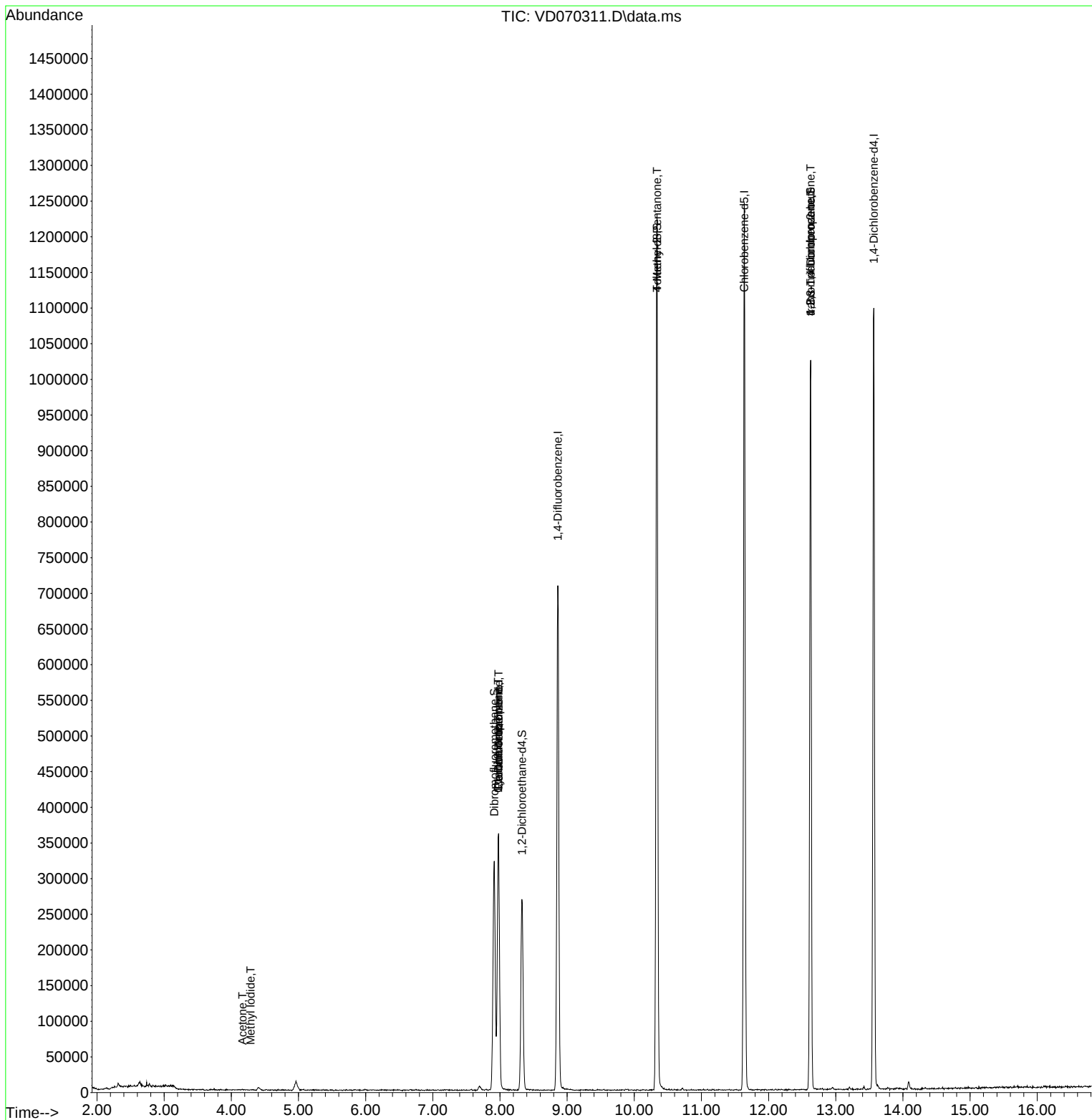
Quant Time: Sep 11 02:29:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

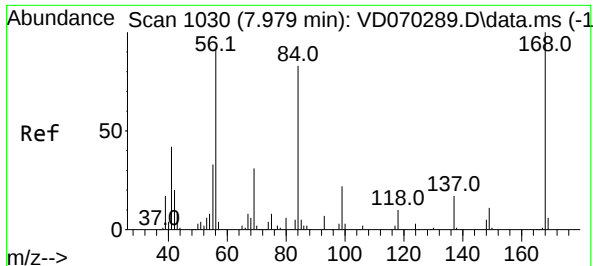
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	248389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	606801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	720374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	300894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	219404	68.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.580%	
35) Dibromofluoromethane	7.914	113	232866	53.913	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.820%	
50) Toluene-d8	10.338	98	852785	54.379	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.760%	
62) 4-Bromofluorobenzene	12.626	95	311044	56.752	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	77	Below Cal	#	43
3) Chloromethane	2.203	50	868	Below Cal		95
5) Bromomethane	2.774	94	1478	Below Cal	#	78
6) Chloroethane	2.932	64	72	Below Cal	#	43
10) Methyl Iodide	4.285	142	414	1.161	ug/l #	39
16) Acetone	4.168	43	1353	2.376	ug/l #	36
18) Methyl Acetate	4.438	43	136	Below Cal	#	48
20) Methylene Chloride	4.962	84	9142	Below Cal		96
31) Cyclohexane	7.973	56	6375	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	22879	3.527	ug/l #	48
38) Carbon Tetrachloride	7.979	117	27943	4.356	ug/l #	18
51) 4-Methyl-2-Pentanone	10.338	43	2935	1.265	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	154022	50.606	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	154022	126.797	ug/l #	18

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

Quant Time: Sep 11 02:29:26 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

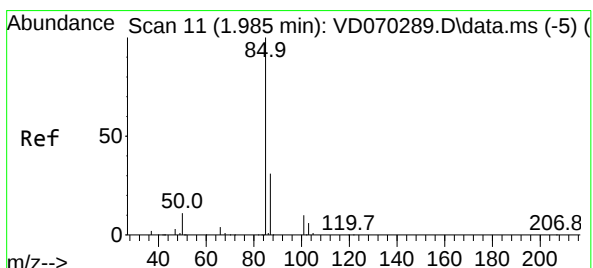
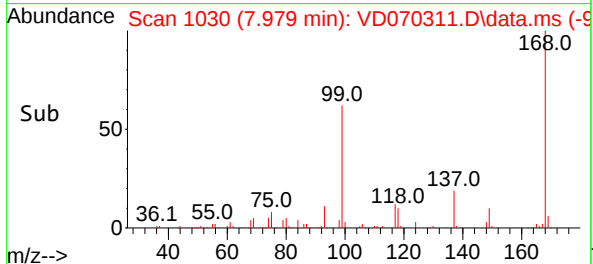
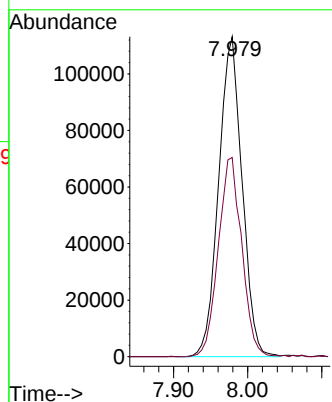
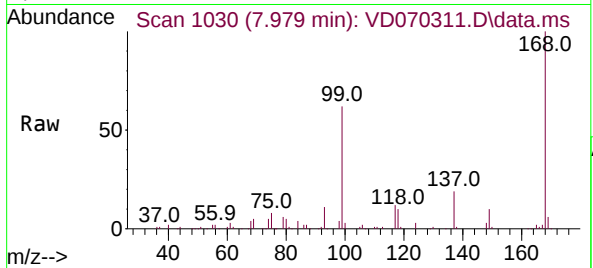




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

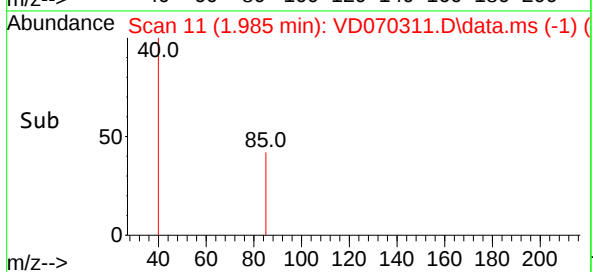
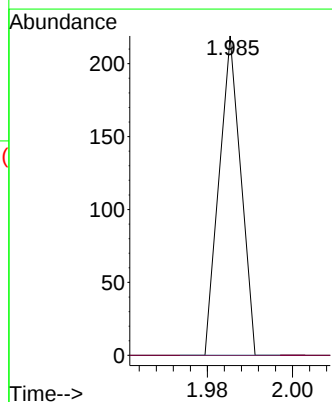
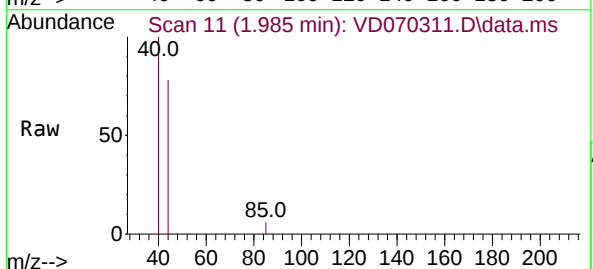
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 248389
Ion Ratio Lower Upper
168 100
99 62.3 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Tgt Ion: 85 Resp: 77
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

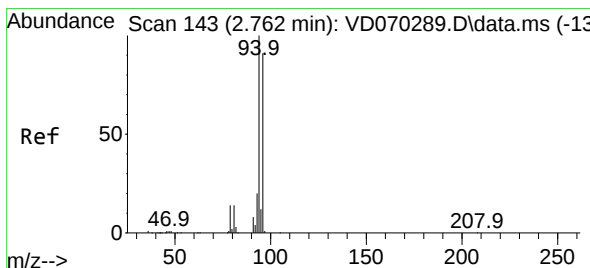
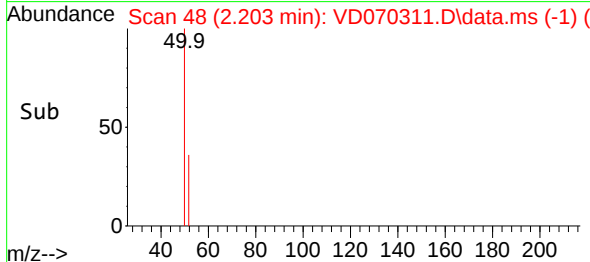
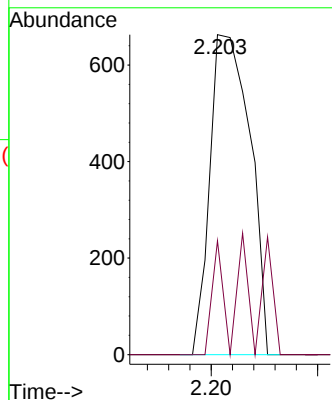
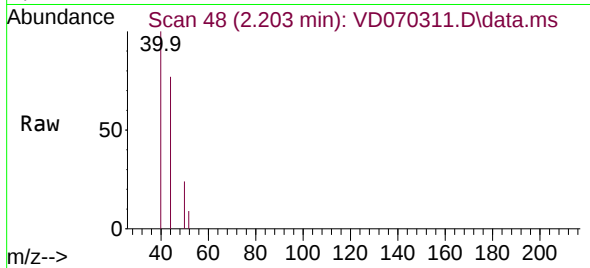




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

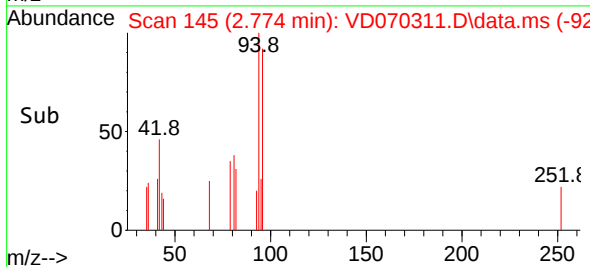
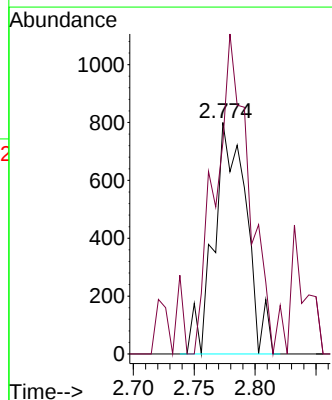
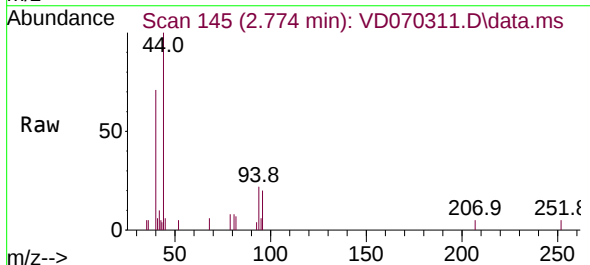
Instrument :
MSVOA_D
ClientSampled :

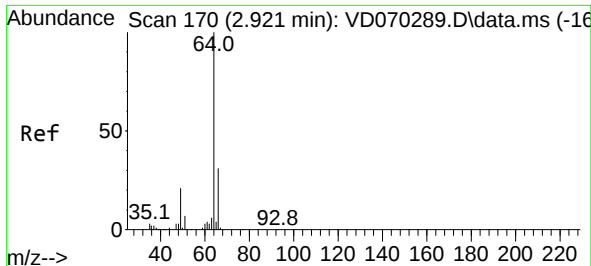
Tgt Ion: 50 Resp: 868
Ion Ratio Lower Upper
50 100
52 35.6 26.2 39.2



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Tgt Ion: 94 Resp: 1478
Ion Ratio Lower Upper
94 100
96 70.5 73.0 109.6#

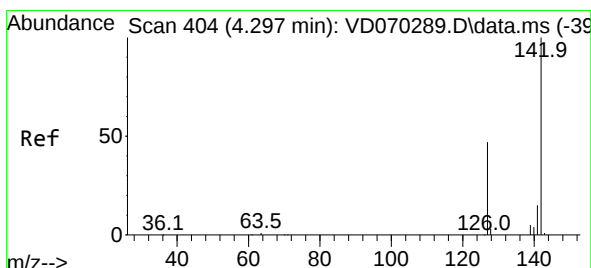
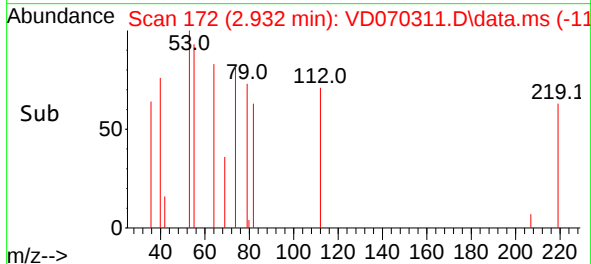
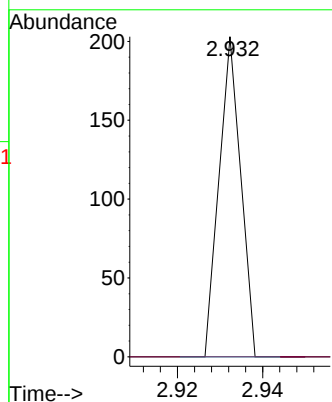
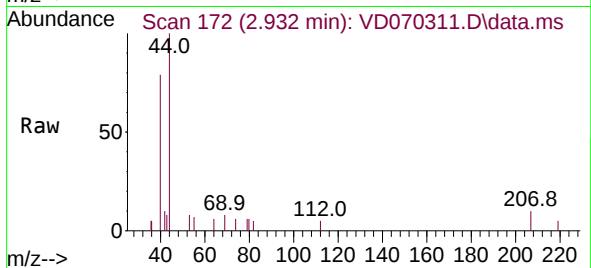




#6
Chloroethane
Concen: Below Cal
RT: 2.932 min Scan# 172
Delta R.T. 0.011 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

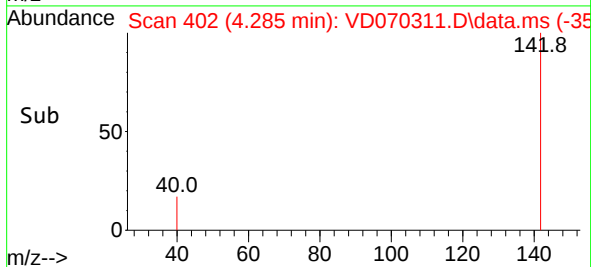
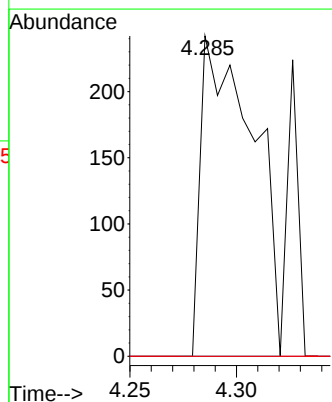
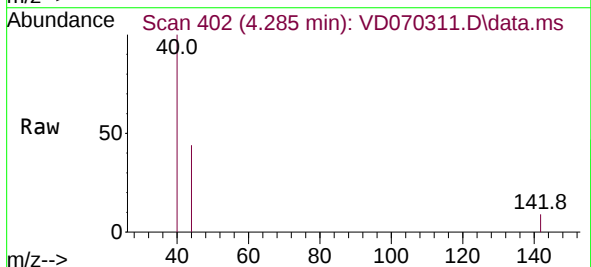
Instrument :
MSVOA_D
ClientSampled :

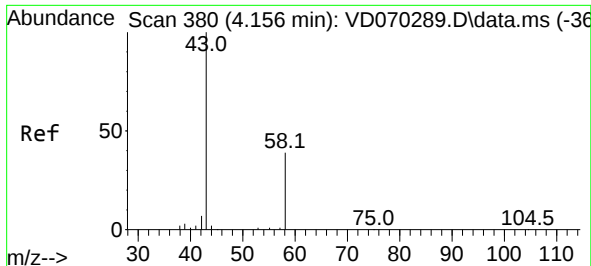
Tgt Ion: 64 Resp: 72
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.161 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Tgt Ion:142 Resp: 414
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

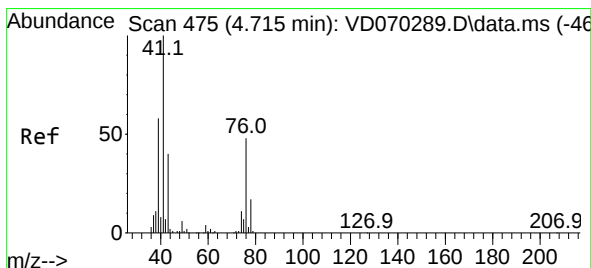
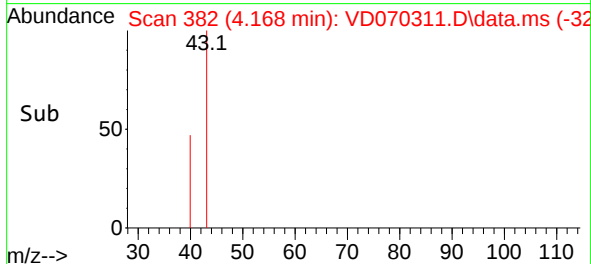
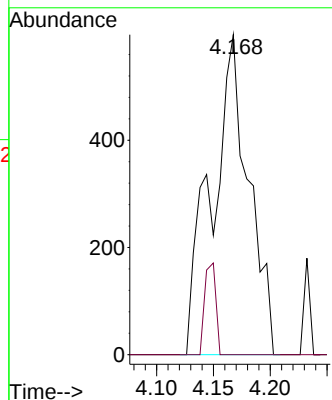
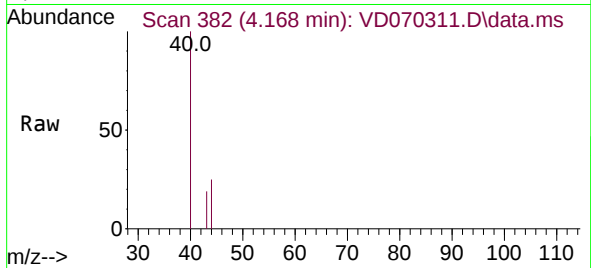




#16
Acetone
Concen: 2.376 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

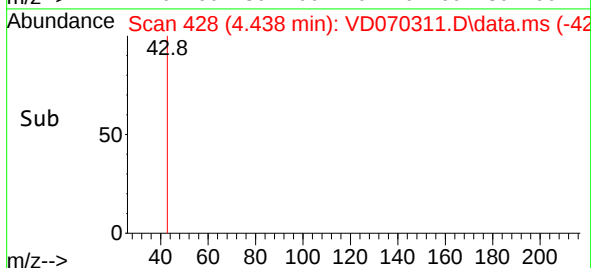
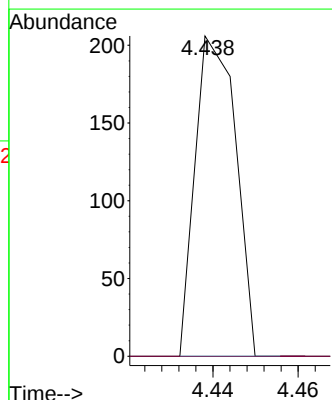
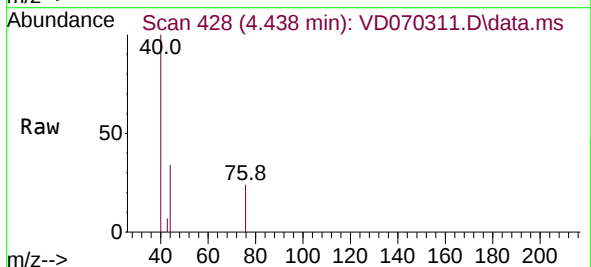
Instrument :
MSVOA_D
ClientSampleId :

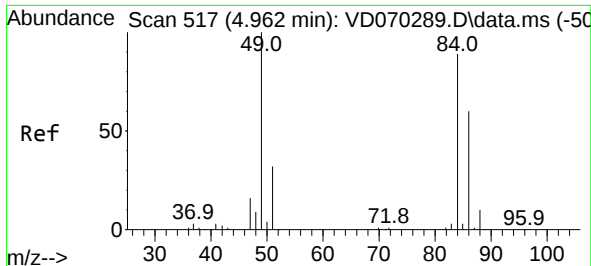
Tgt Ion: 43 Resp: 1353
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.438 min Scan# 428
Delta R.T. -0.277 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

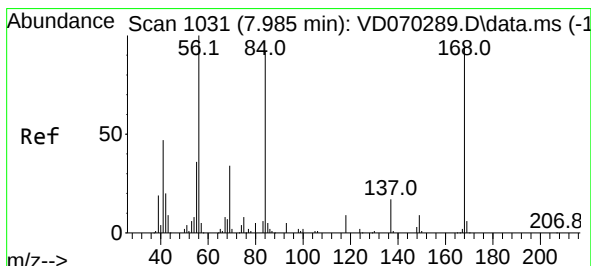
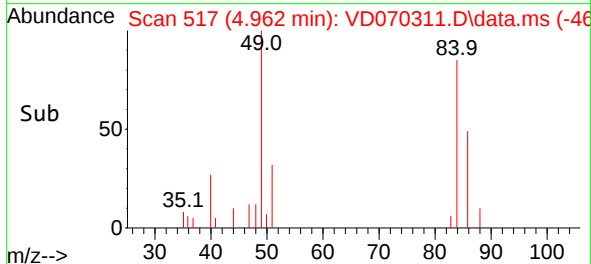
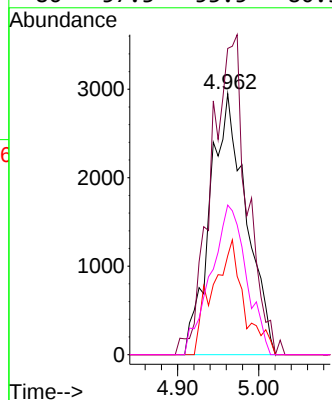
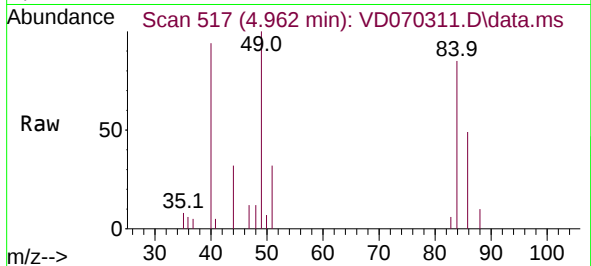




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

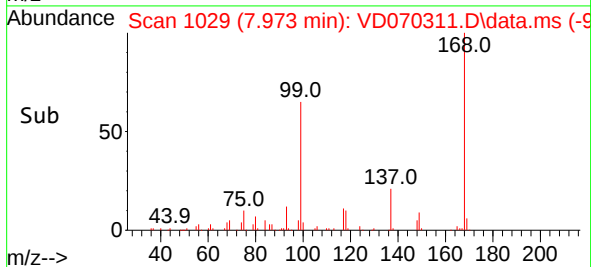
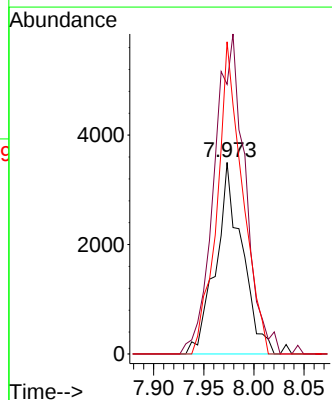
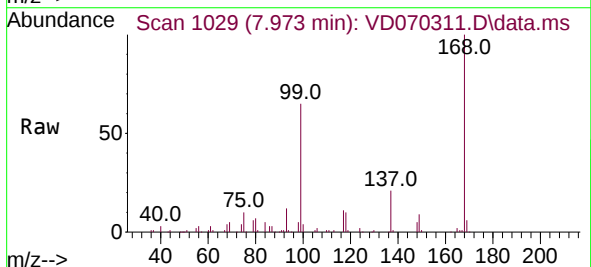
Instrument :
MSVOA_D
ClientSampleId :

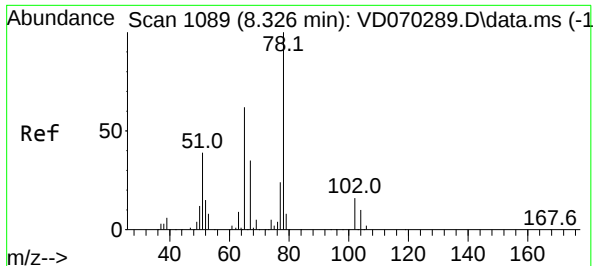
Tgt Ion:	84	Resp:	9142
Ion	Ratio	Lower	Upper
84	100		
49	111.7	89.6	134.4
51	37.9	28.6	43.0
86	57.3	53.5	80.3



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Tgt Ion:	56	Resp:	6375
Ion	Ratio	Lower	Upper
56	100		
69	140.8	26.9	40.3#
84	163.0	73.6	110.4#



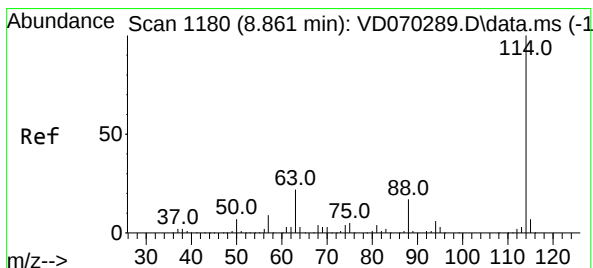
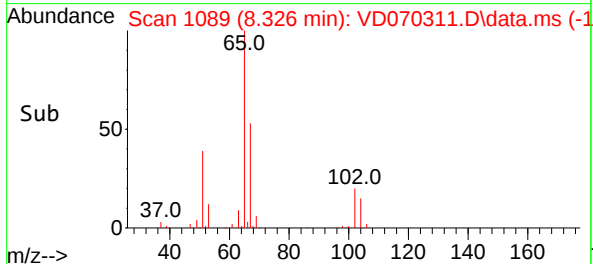
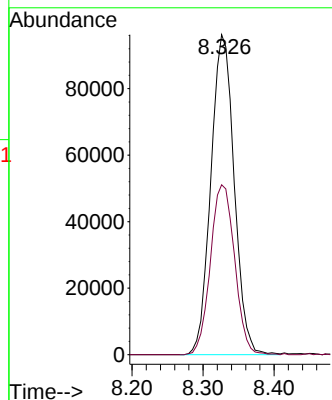
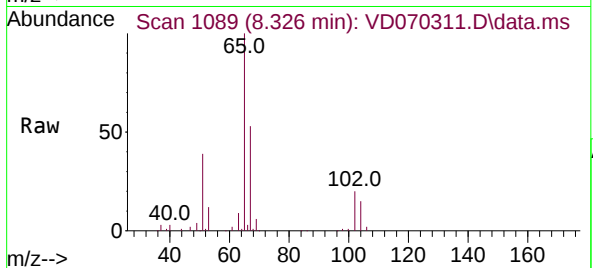


#33

1,2-Dichloroethane-d4
Concen: 68.792 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :

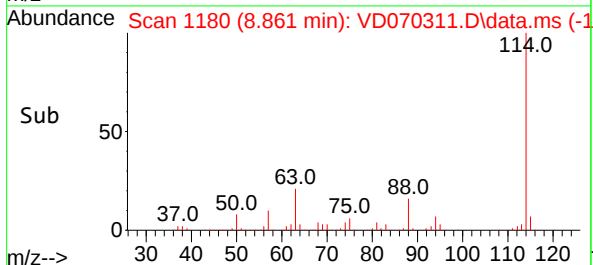
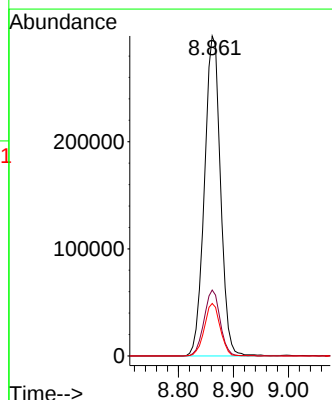
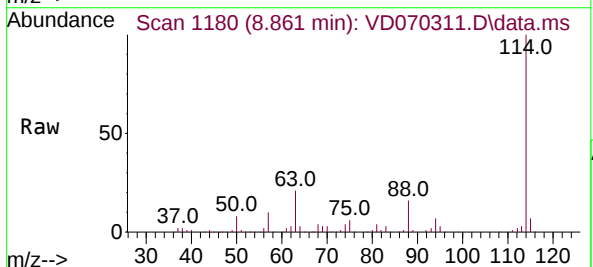
Tgt Ion: 65 Resp: 219404
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.4

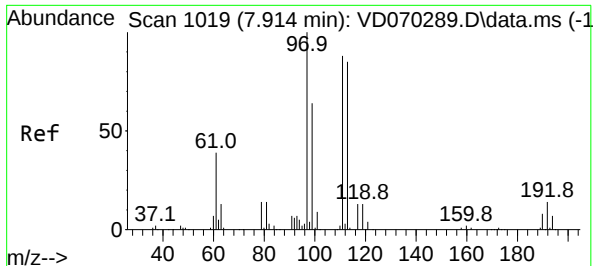


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Tgt Ion:114 Resp: 606801
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.4
88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.913 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070311.D

Acq: 10 Sep 2021 20:36

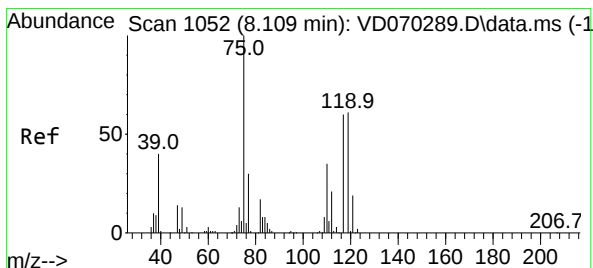
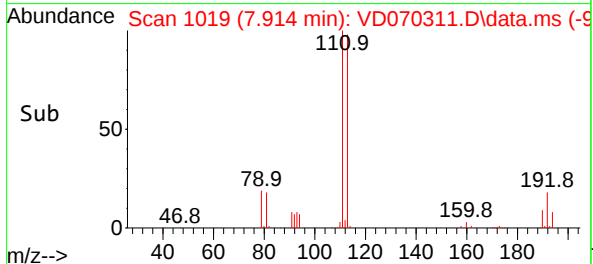
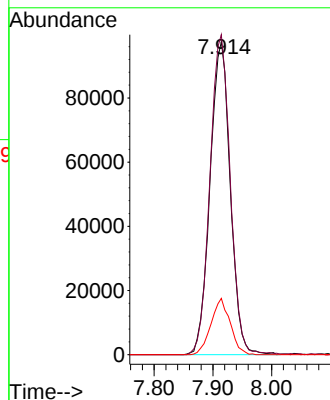
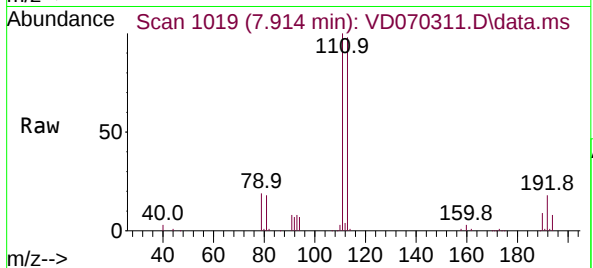
Tgt Ion:113 Resp: 232866

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

192 17.1 13.0 19.6



#36

1,1-Dichloropropene

Concen: 3.527 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070311.D

Acq: 10 Sep 2021 20:36

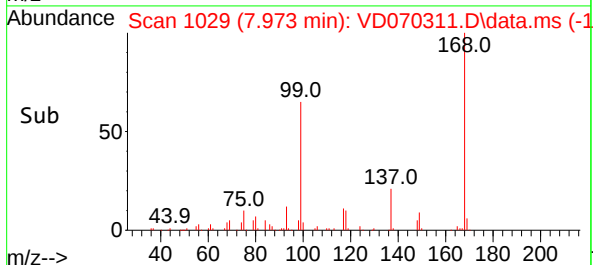
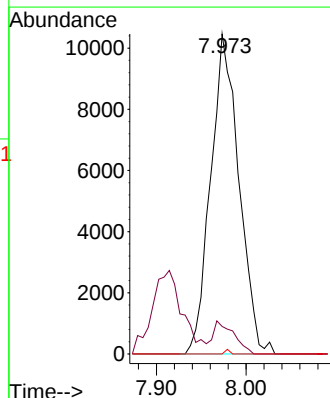
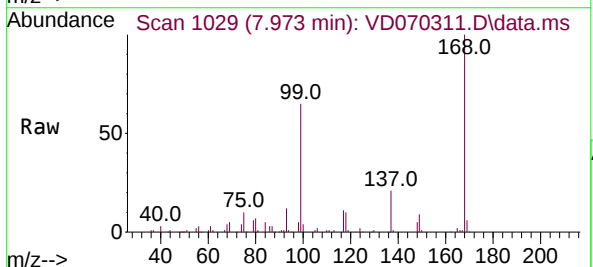
Tgt Ion: 75 Resp: 22879

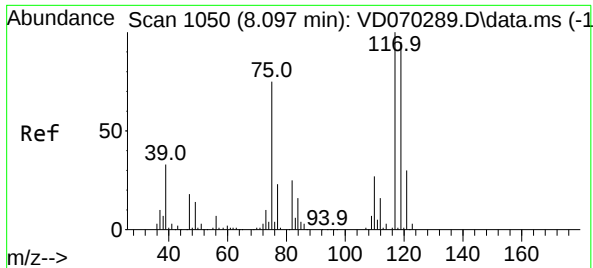
Ion Ratio Lower Upper

75 100

110 7.6 17.9 53.7#

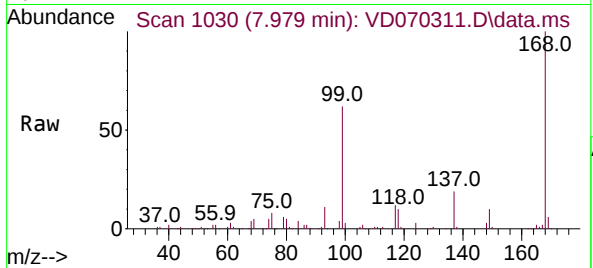
77 0.2 25.3 37.9#



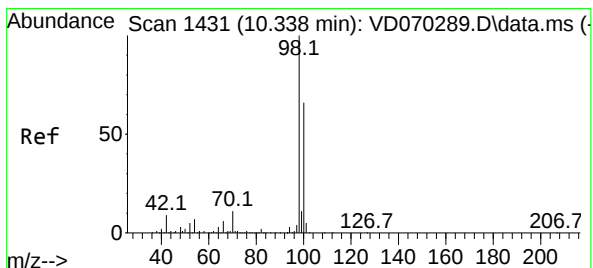
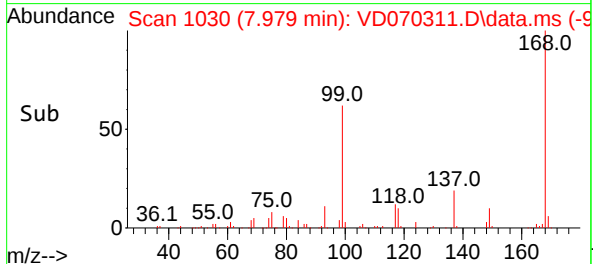
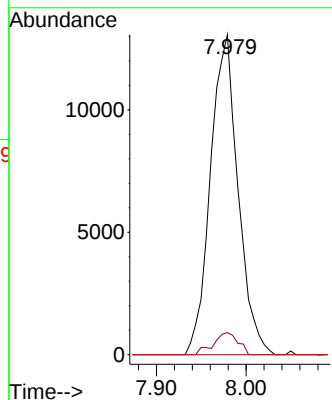


#38
Carbon Tetrachloride
Concen: 4.356 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Instrument :
MSVOA_D
ClientSampled :

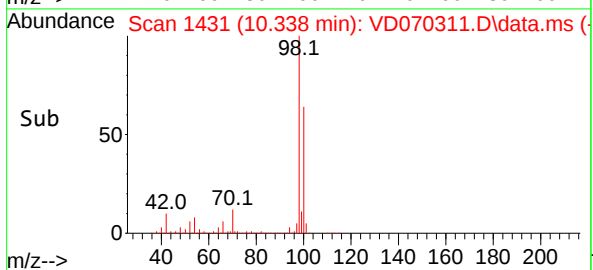
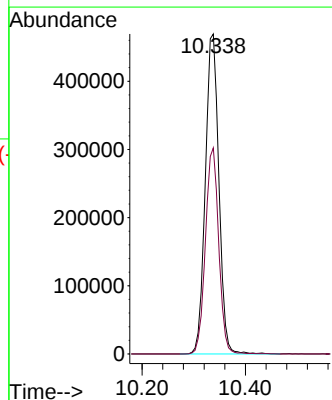
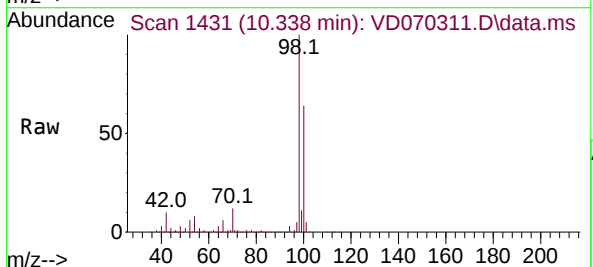


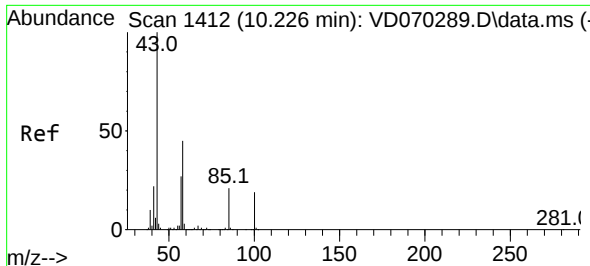
Tgt Ion:117 Resp: 27943
Ion Ratio Lower Upper
117 100
119 6.9 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 54.379 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Tgt Ion: 98 Resp: 852785
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

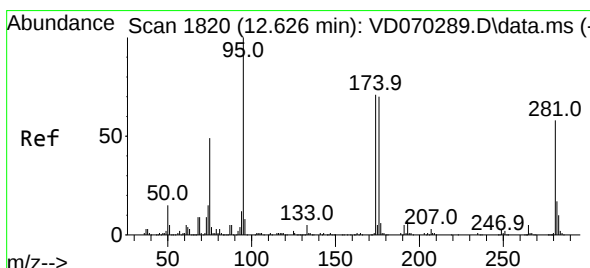
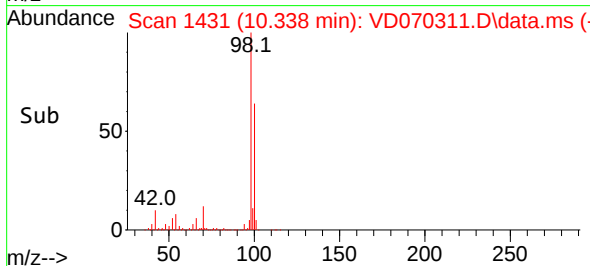
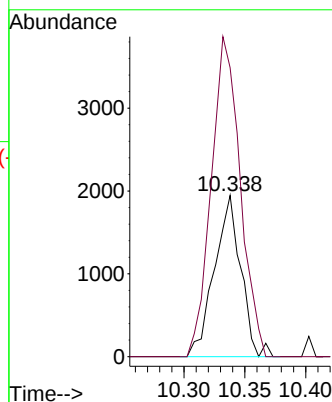
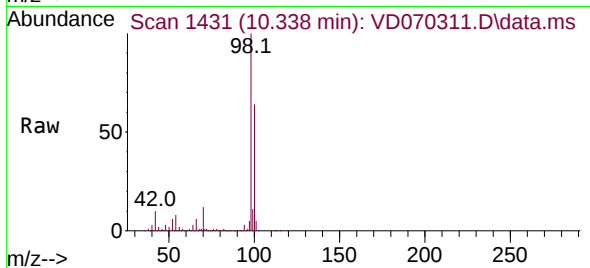




#51
4-Methyl-2-Pentanone
Concen: 1.265 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

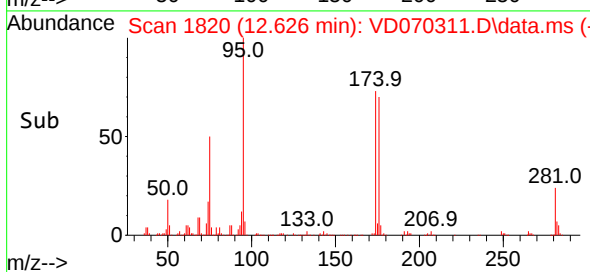
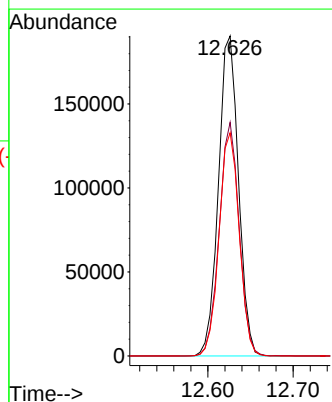
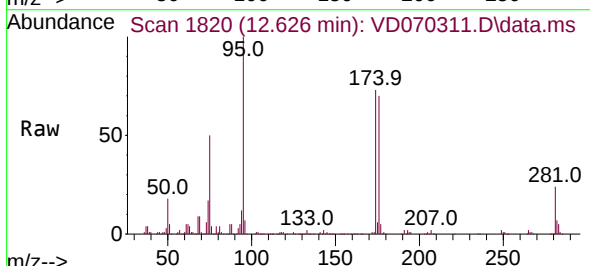
Instrument :
MSVOA_D
ClientSampleId :

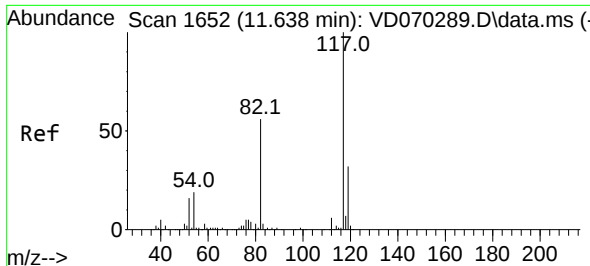
Tgt Ion: 43 Resp: 2935
Ion Ratio Lower Upper
43 100
58 217.6 35.4 53.2#



#62
4-Bromofluorobenzene
Concen: 56.752 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Tgt Ion: 95 Resp: 311044
Ion Ratio Lower Upper
95 100
174 72.3 0.0 140.6
176 70.1 0.0 137.4

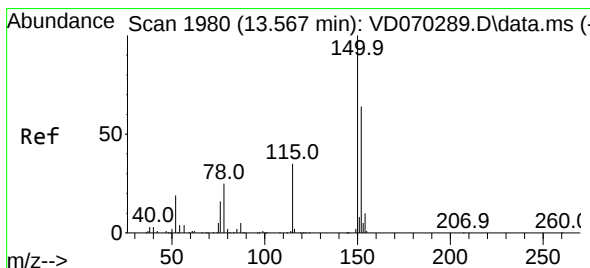
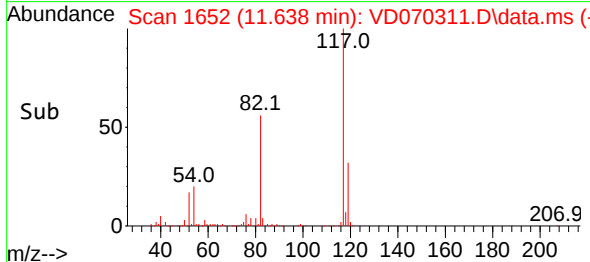
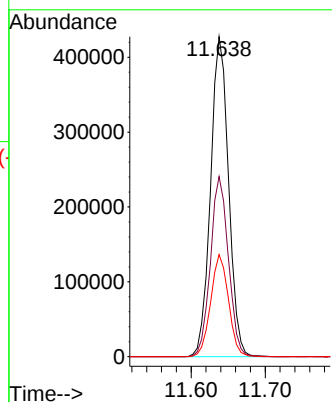
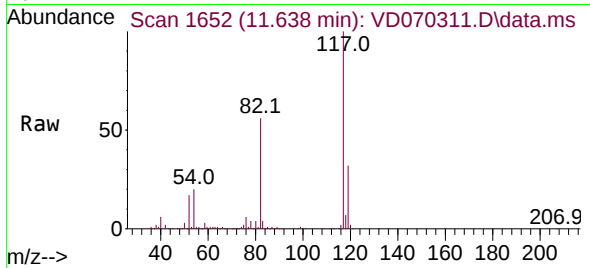




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

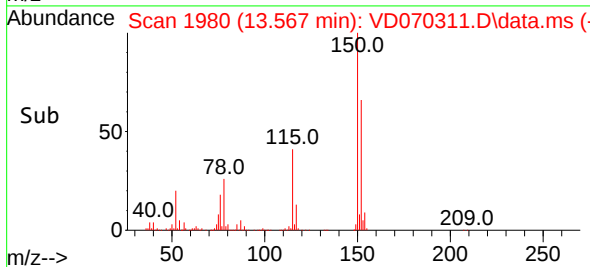
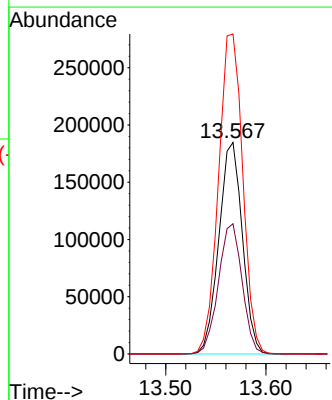
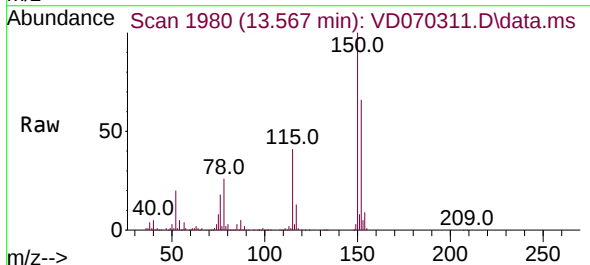
Instrument :
MSVOA_D
ClientSampleId :

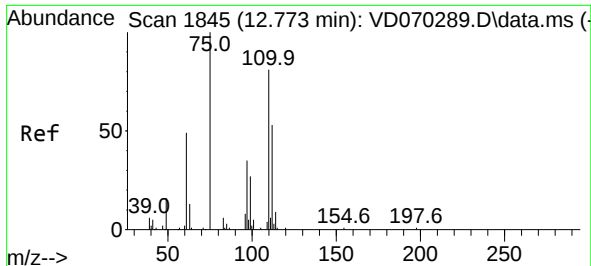
Tgt Ion:117 Resp: 720374
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Tgt Ion:152 Resp: 300894
Ion Ratio Lower Upper
152 100
115 62.0 32.1 96.3
150 156.0 0.0 350.6

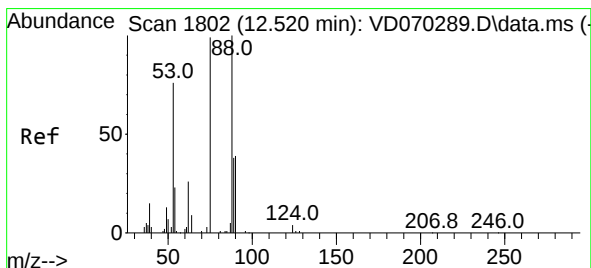
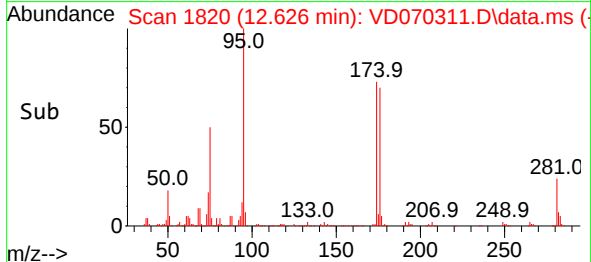
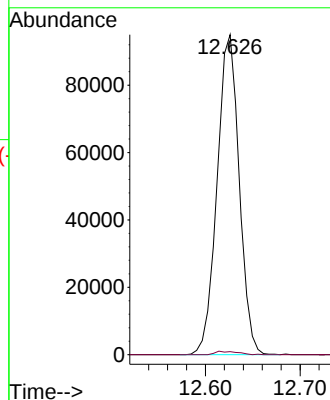
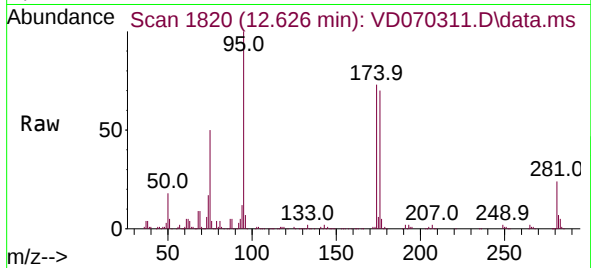




#76
1,2,3-Trichloropropane
Concen: 50.606 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 154022
Ion Ratio Lower Upper
75 100
77 1.1 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.797 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070311.D
Acq: 10 Sep 2021 20:36

Tgt Ion: 75 Resp: 154022
Ion Ratio Lower Upper
75 100
53 0.2 64.2 96.2#
89 0.5 35.6 53.4#

