

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
 Data File : VD070406.D
 Acq On : 21 Sep 2021 16:07
 Operator : VA/SY
 Sample : M3823-03
 Misc : 10.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:48:11 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)

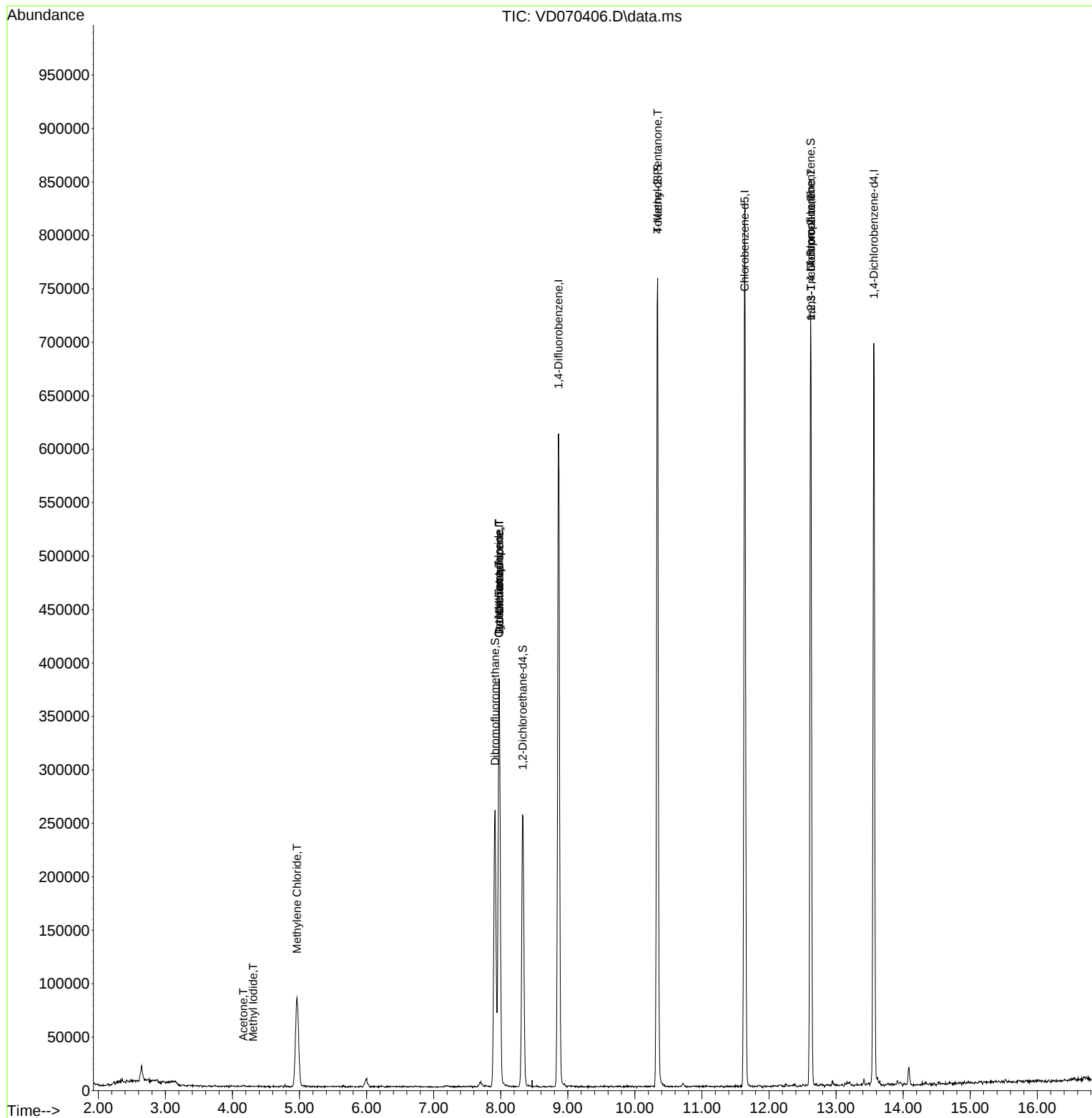
Internal Standards						
1) Pentafluorobenzene	7.979	168	268085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	527736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	485408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	186748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	205559	59.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.440%			
35) Dibromofluoromethane	7.914	113	190270	50.651	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.300%			
50) Toluene-d8	10.338	98	525040	38.496	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 77.000%			
62) 4-Bromofluorobenzene	12.620	95	182565	38.301	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 76.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	310	Below Cal	#	43
3) Chloromethane	2.203	50	535	Below Cal	#	42
5) Bromomethane	2.774	94	811	Below Cal	#	73
6) Chloroethane	2.921	64	129	Below Cal	#	43
10) Methyl Iodide	4.309	142	216	1.093	ug/l #	87
16) Acetone	4.162	43	2086	3.394	ug/l #	36
18) Methyl Acetate	4.703	43	79	Below Cal	#	48
20) Methylene Chloride	4.962	84	70537	13.051	ug/l	98
31) Cyclohexane	7.973	56	6701	1.130	ug/l #	25
36) 1,1-Dichloropropene	7.979	75	25463	4.514	ug/l #	48
38) Carbon Tetrachloride	7.973	117	31272	5.606	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	2312	1.146	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	89886	47.584	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	89886	119.227	ug/l #	18

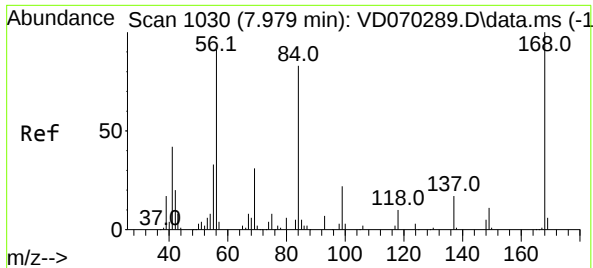
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
Data File : VD070406.D
Acq On : 21 Sep 2021 16:07
Operator : VA/SY
Sample : M3823-03
Misc : 10.78G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 22 01:48:11 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

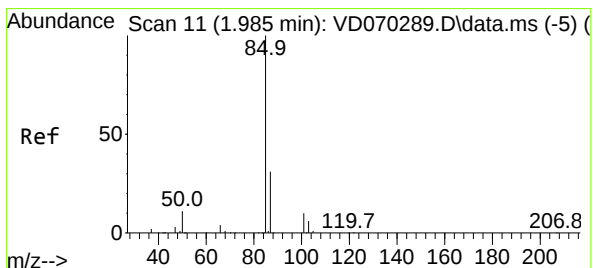
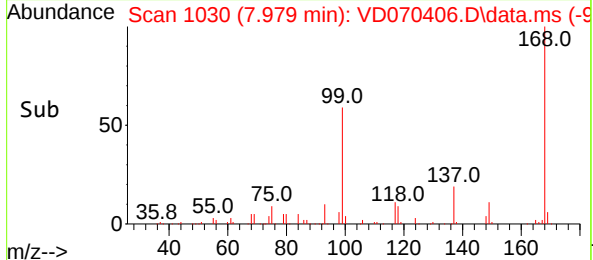
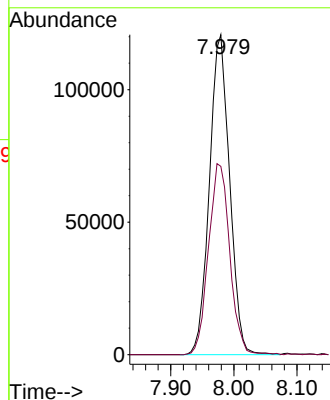
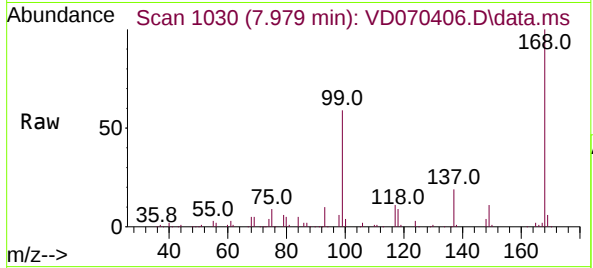




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

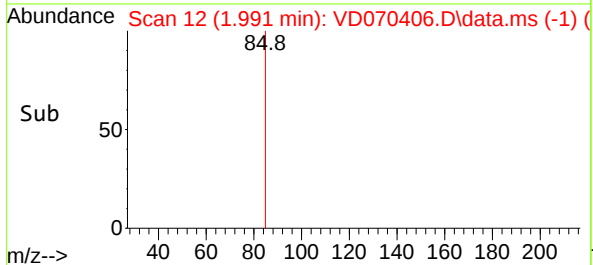
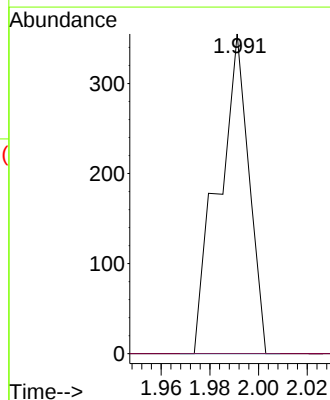
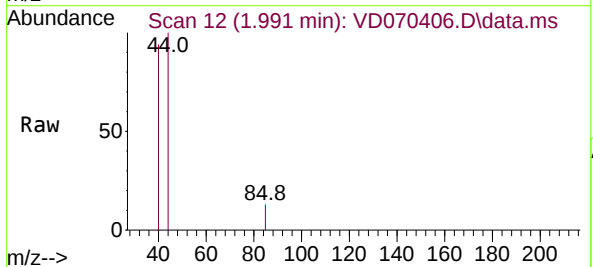
Instrument :
MSVOA_D
ClientSampled :

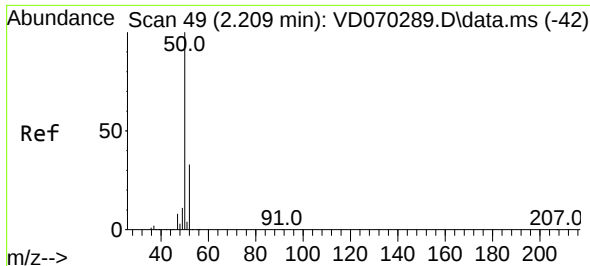
Tgt Ion:168 Resp: 268085
Ion Ratio Lower Upper
168 100
99 58.8 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Tgt Ion: 85 Resp: 310
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

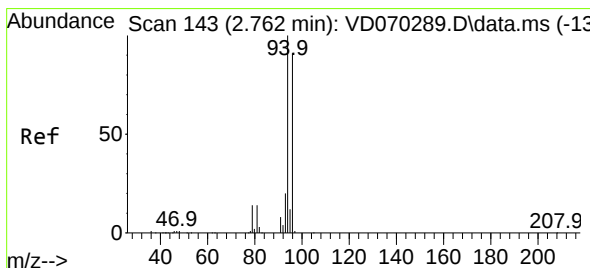
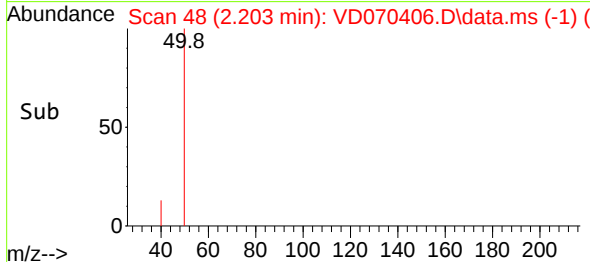
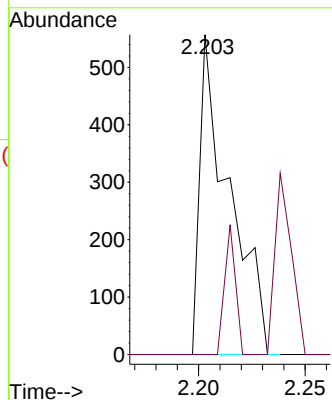
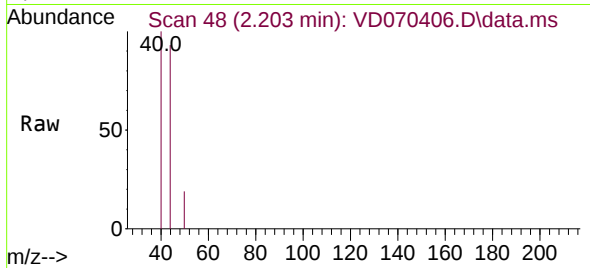




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

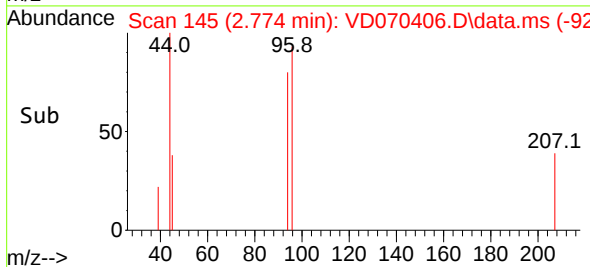
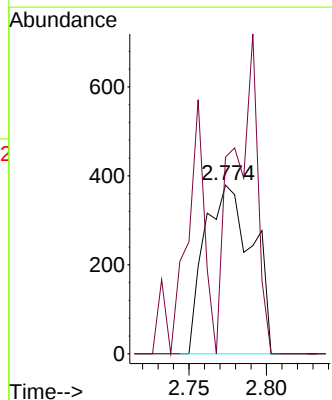
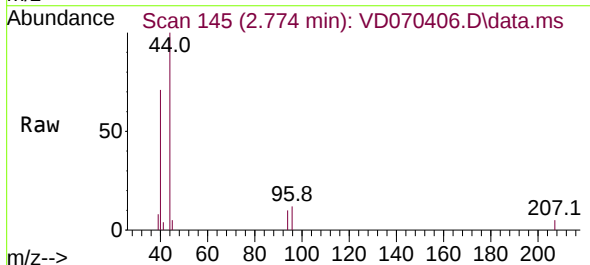
Instrument :
MSVOA_D
ClientSampled :

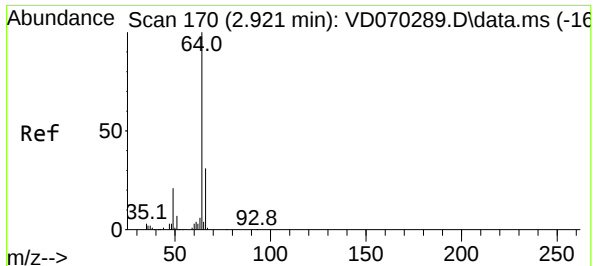
Tgt Ion: 50 Resp: 535
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Tgt Ion: 94 Resp: 811
Ion Ratio Lower Upper
94 100
96 116.6 73.0 109.6#

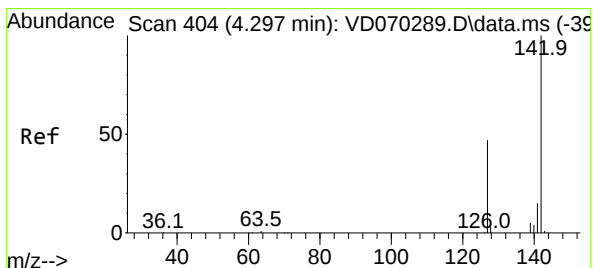
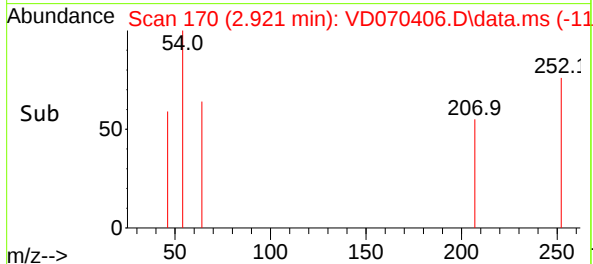
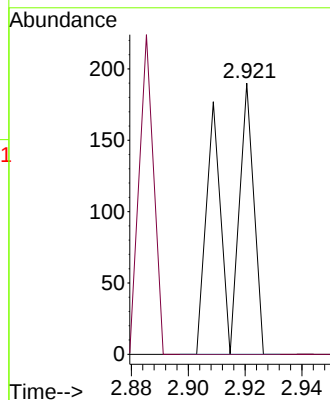
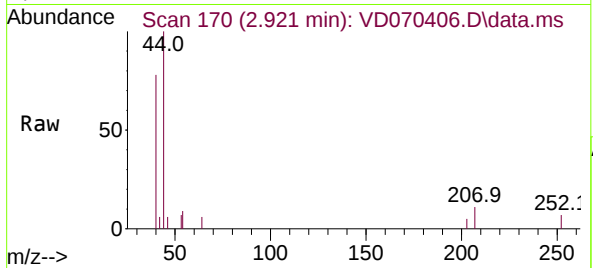




#6
Chloroethane
Concen: Below Cal
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

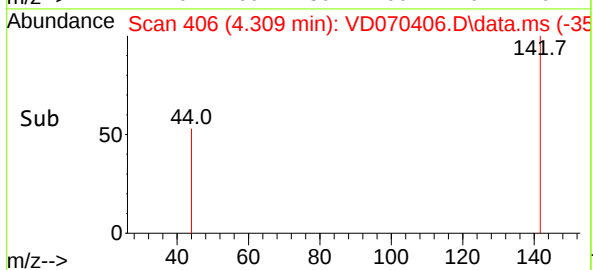
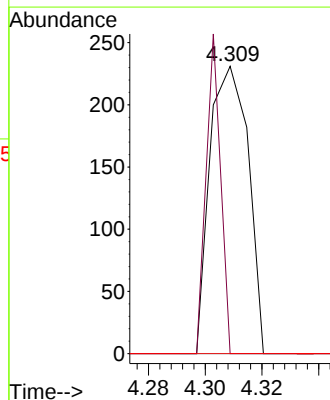
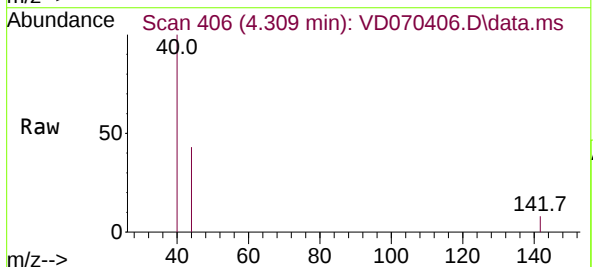
Instrument :
MSVOA_D
ClientSampled :

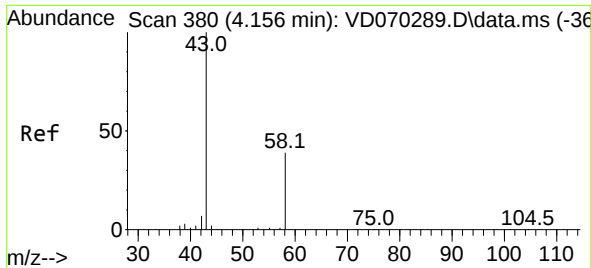
Tgt Ion: 64 Resp: 129
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.093 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Tgt Ion:142 Resp: 216
Ion Ratio Lower Upper
142 100
127 42.1 36.9 55.3
141 0.0 11.8 17.6#

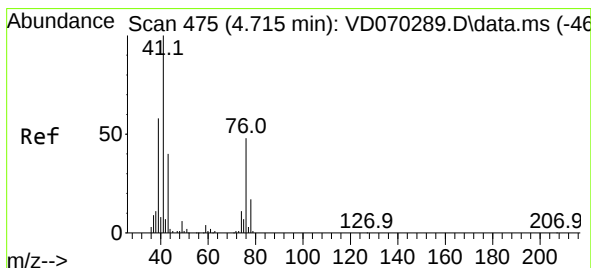
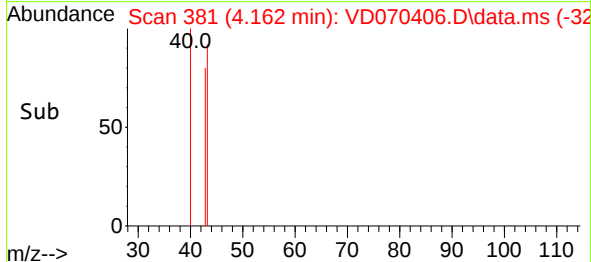
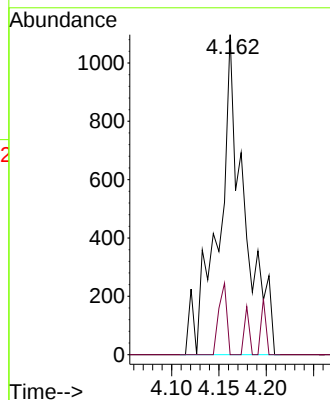
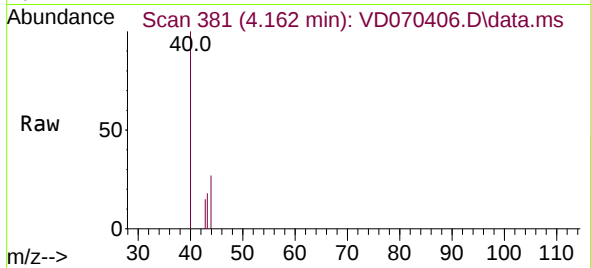




#16
Acetone
Concen: 3.394 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

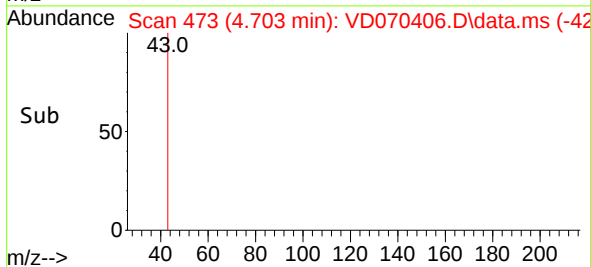
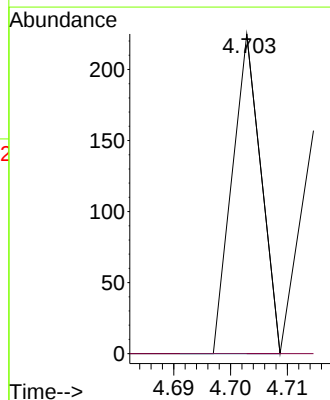
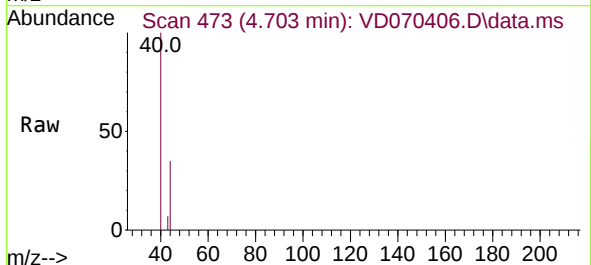
Instrument :
MSVOA_D
ClientSampled :

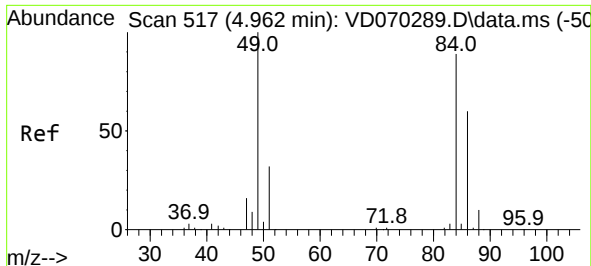
Tgt Ion: 43 Resp: 2086
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

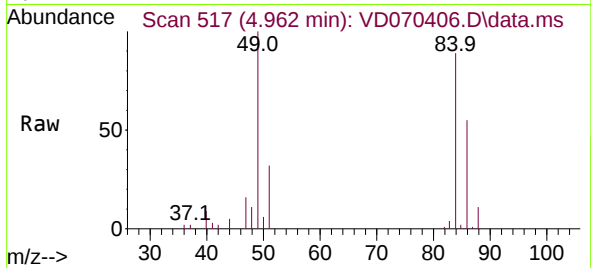
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



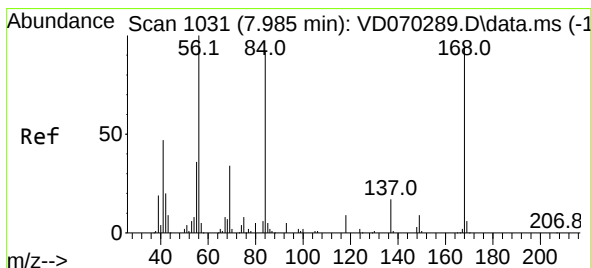
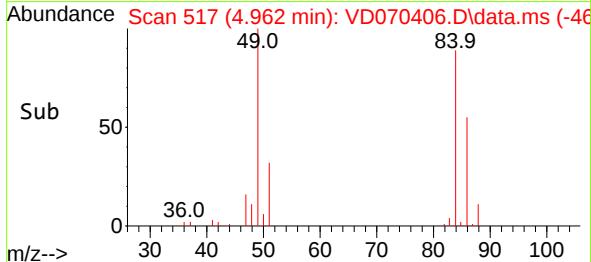
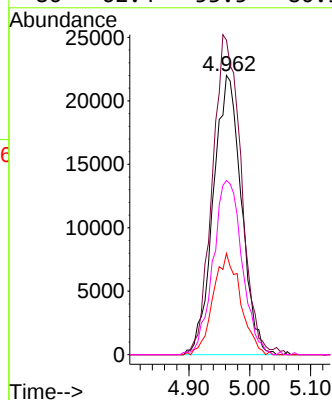


#20
Methylene Chloride
Concen: 13.051 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Instrument :
MSVOA_D
ClientSampled :

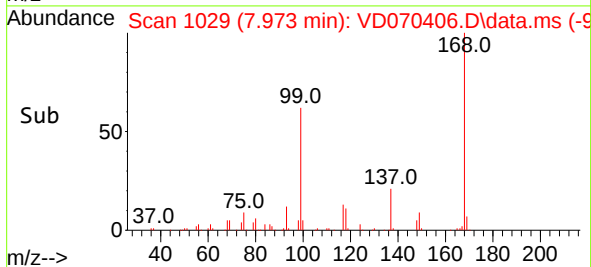
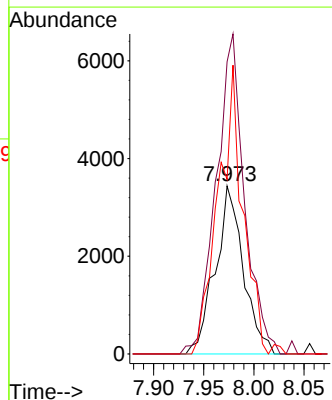
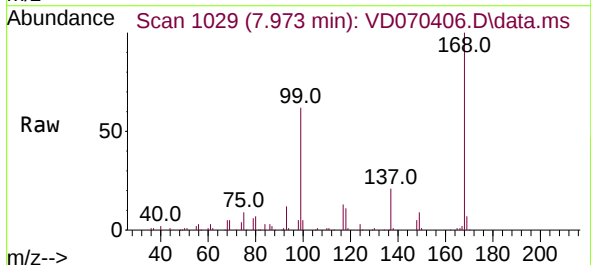


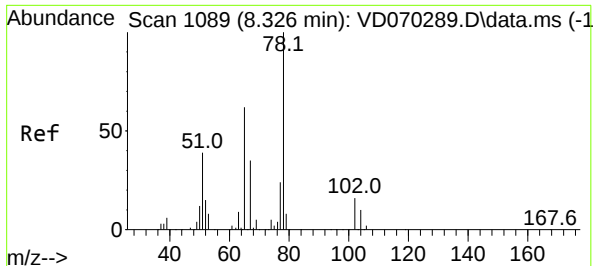
Tgt Ion:	84	Resp:	70537
Ion	Ratio	Lower	Upper
84	100		
49	112.6	89.6	134.4
51	36.3	28.6	43.0
86	62.4	53.5	80.3



#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Tgt Ion:	56	Resp:	6701
Ion	Ratio	Lower	Upper
56	100		
69	173.9	26.9	40.3#
84	103.9	73.6	110.4



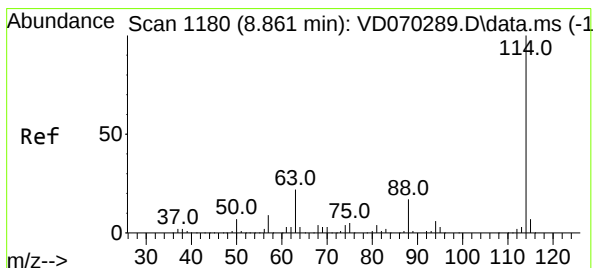
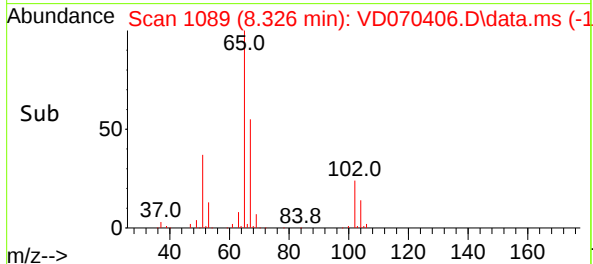
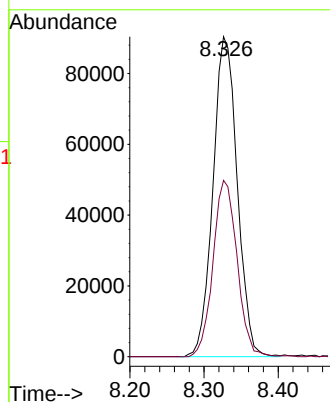
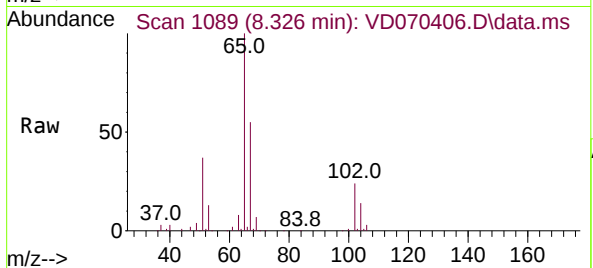


#33

1,2-Dichloroethane-d4
Concen: 59.716 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Instrument :
MSVOA_D
ClientSampled :

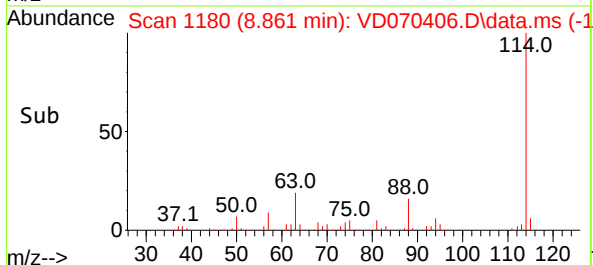
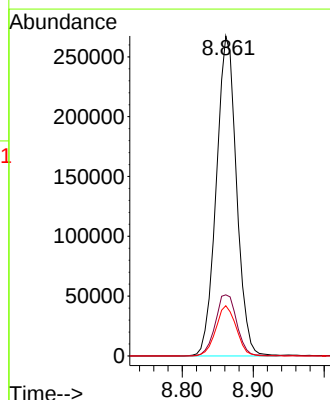
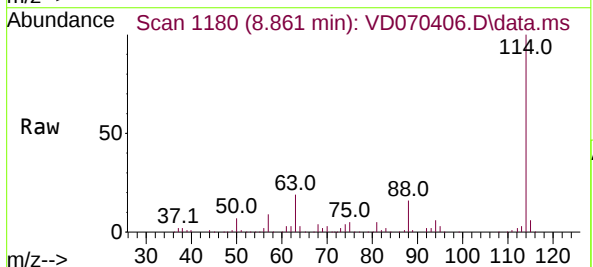
Tgt Ion: 65 Resp: 205559
Ion Ratio Lower Upper
65 100
67 54.5 0.0 111.4

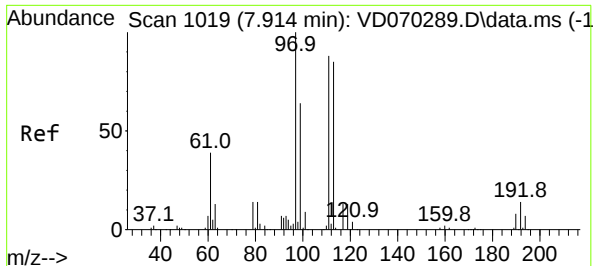


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Tgt Ion: 114 Resp: 527736
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.4
88 15.7 0.0 33.4

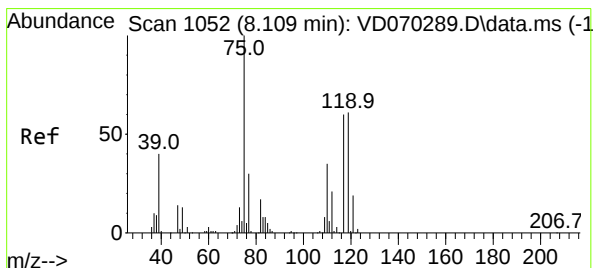
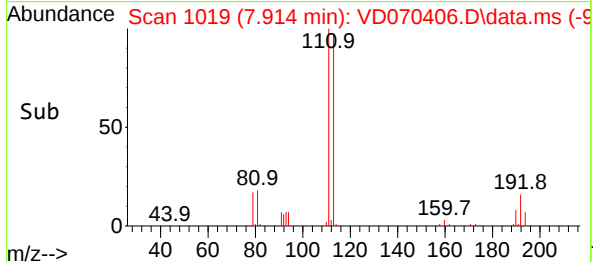
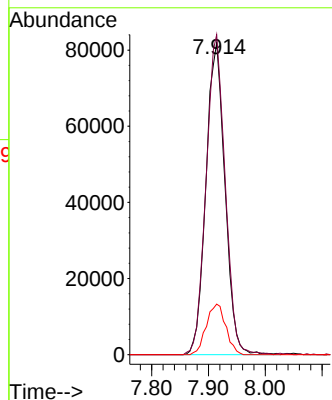
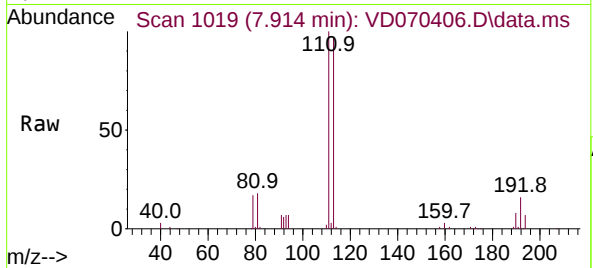




#35
Dibromofluoromethane
Concen: 50.651 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

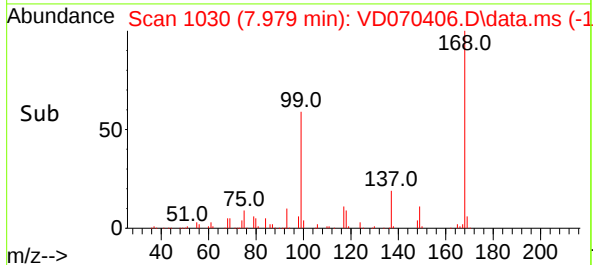
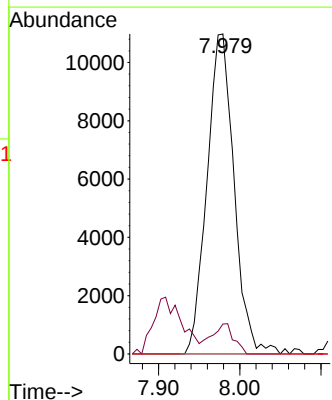
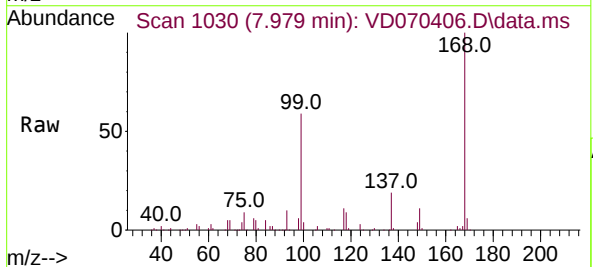
Instrument :
MSVOA_D
ClientSampleId :

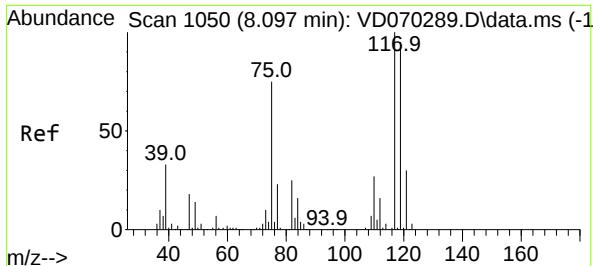
Tgt Ion:113 Resp: 190270
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.2
192 16.6 13.0 19.6



#36
1,1-Dichloropropene
Concen: 4.514 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

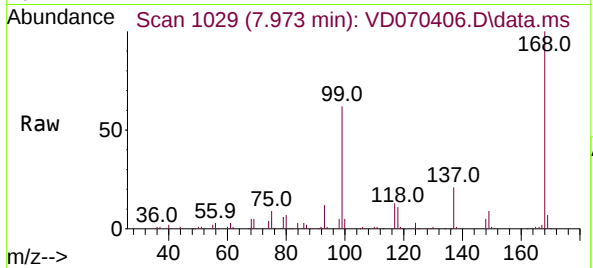
Tgt Ion: 75 Resp: 25463
Ion Ratio Lower Upper
75 100
110 7.9 17.9 53.7#
77 0.0 25.3 37.9#



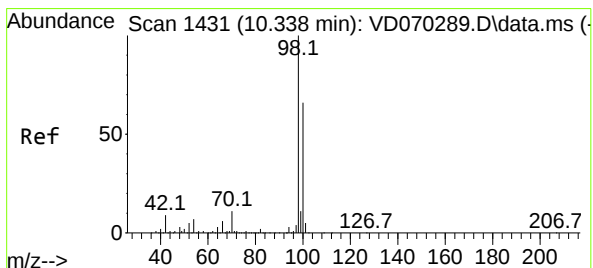
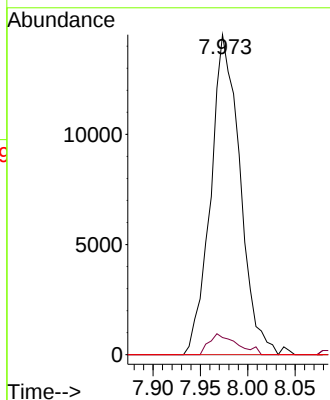
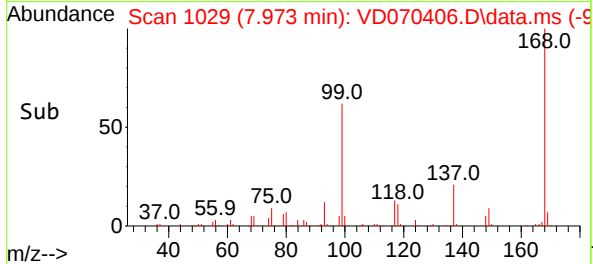


#38
Carbon Tetrachloride
Concen: 5.606 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

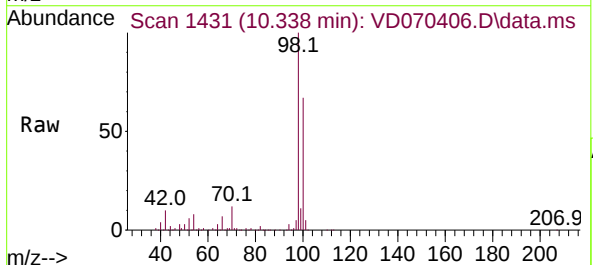
Instrument :
MSVOA_D
ClientSampled :



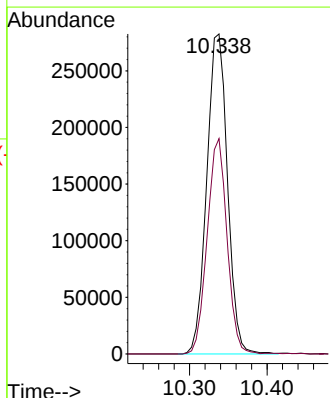
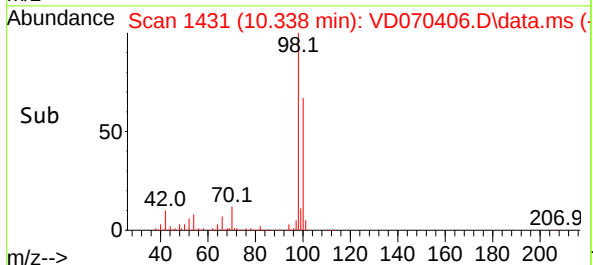
Tgt Ion:117 Resp: 31272
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 23.8 35.6#

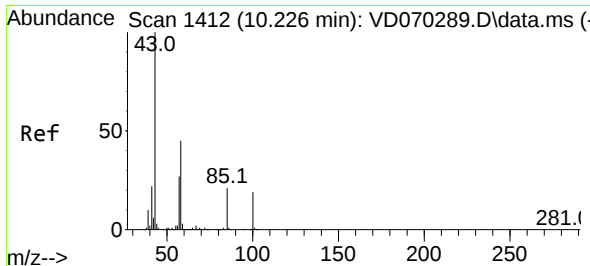


#50
Toluene-d8
Concen: 38.496 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07



Tgt Ion: 98 Resp: 525040
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

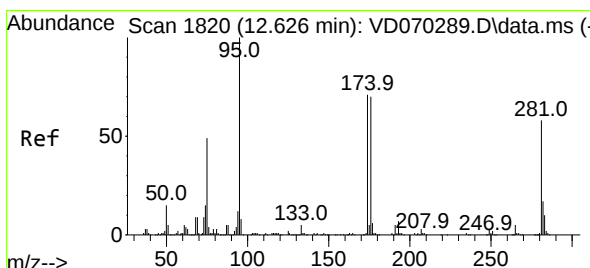
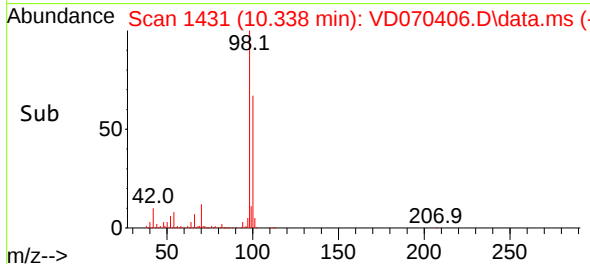
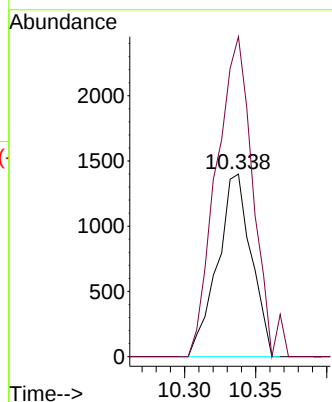
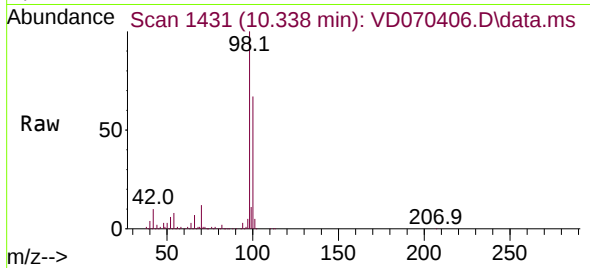




#51
4-Methyl-2-Pentanone
Concen: 1.146 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

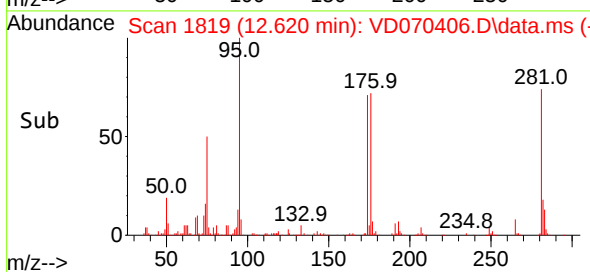
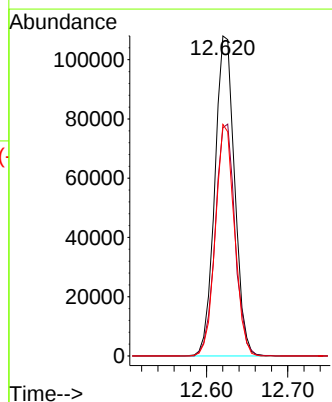
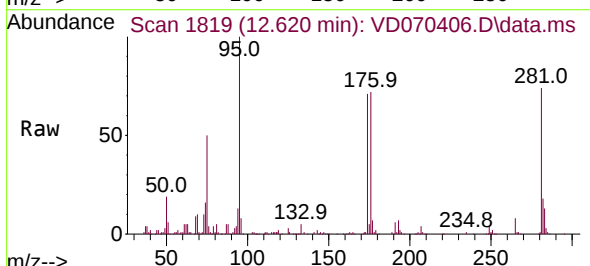
Instrument :
MSVOA_D
ClientSampled :

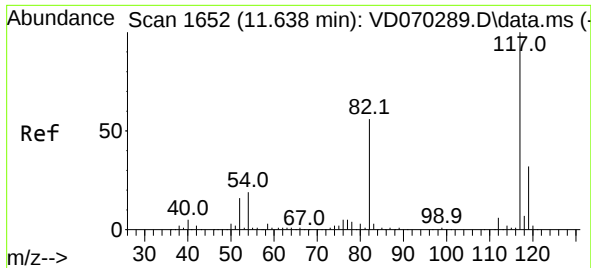
Tgt Ion: 43 Resp: 2312
Ion Ratio Lower Upper
43 100
58 190.9 35.4 53.2#



#62
4-Bromofluorobenzene
Concen: 38.301 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Tgt Ion: 95 Resp: 182565
Ion Ratio Lower Upper
95 100
174 72.4 0.0 140.6
176 69.9 0.0 137.4

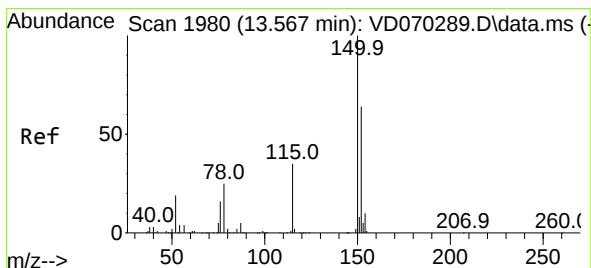
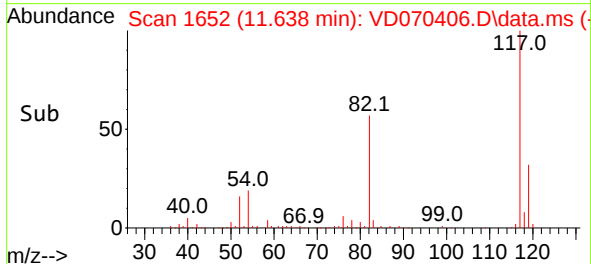
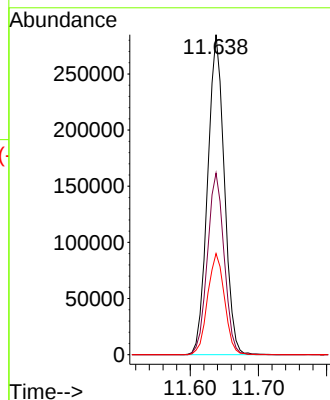
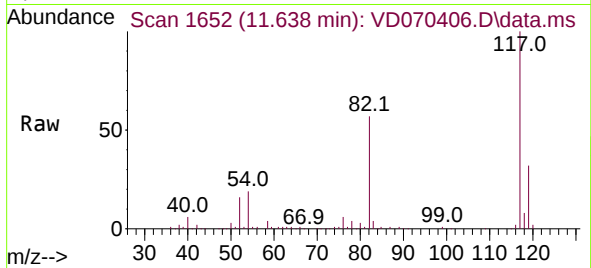




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

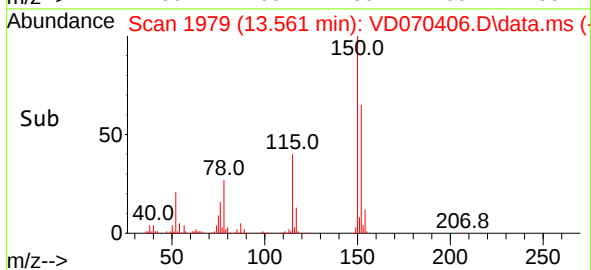
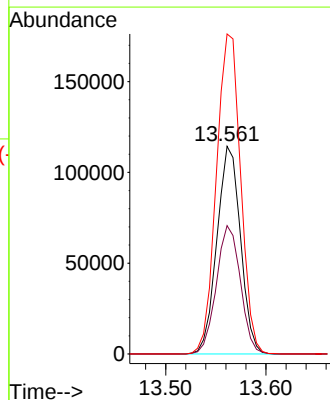
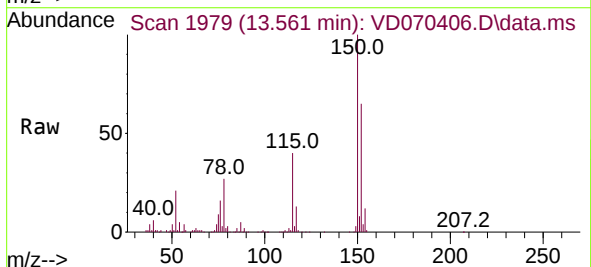
Instrument :
MSVOA_D
ClientSampled :

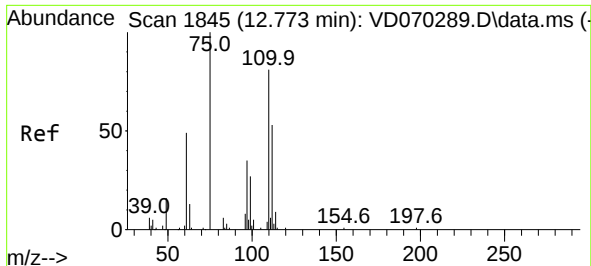
Tgt Ion:117 Resp: 485408
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Tgt Ion:152 Resp: 186748
Ion Ratio Lower Upper
152 100
115 62.9 32.1 96.3
150 158.2 0.0 350.6

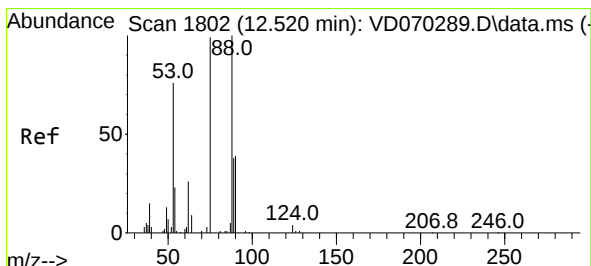
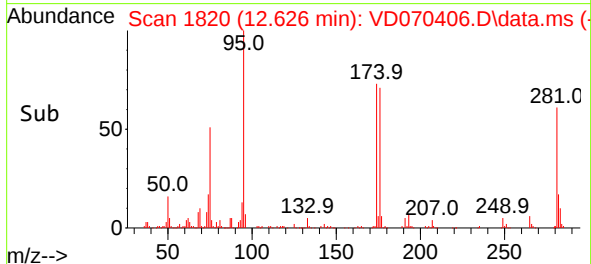
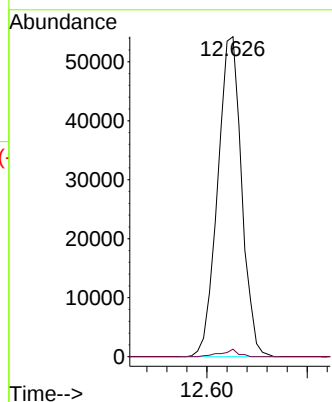
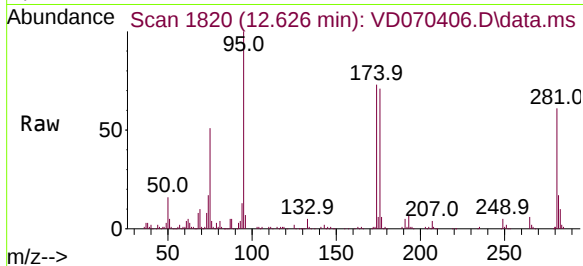




#76
1,2,3-Trichloropropane
Concen: 47.584 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 89886
Ion Ratio Lower Upper
75 100
77 1.6 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.227 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Tgt Ion: 75 Resp: 89886
Ion Ratio Lower Upper
75 100
53 0.1 64.2 96.2#
89 0.9 35.6 53.4#

