

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070498.D
 Acq On : 28 Sep 2021 13:09
 Operator : VA/SY
 Sample : M3941-01
 Misc : 4.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124019

Quant Time: Sep 28 23:41:47 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)

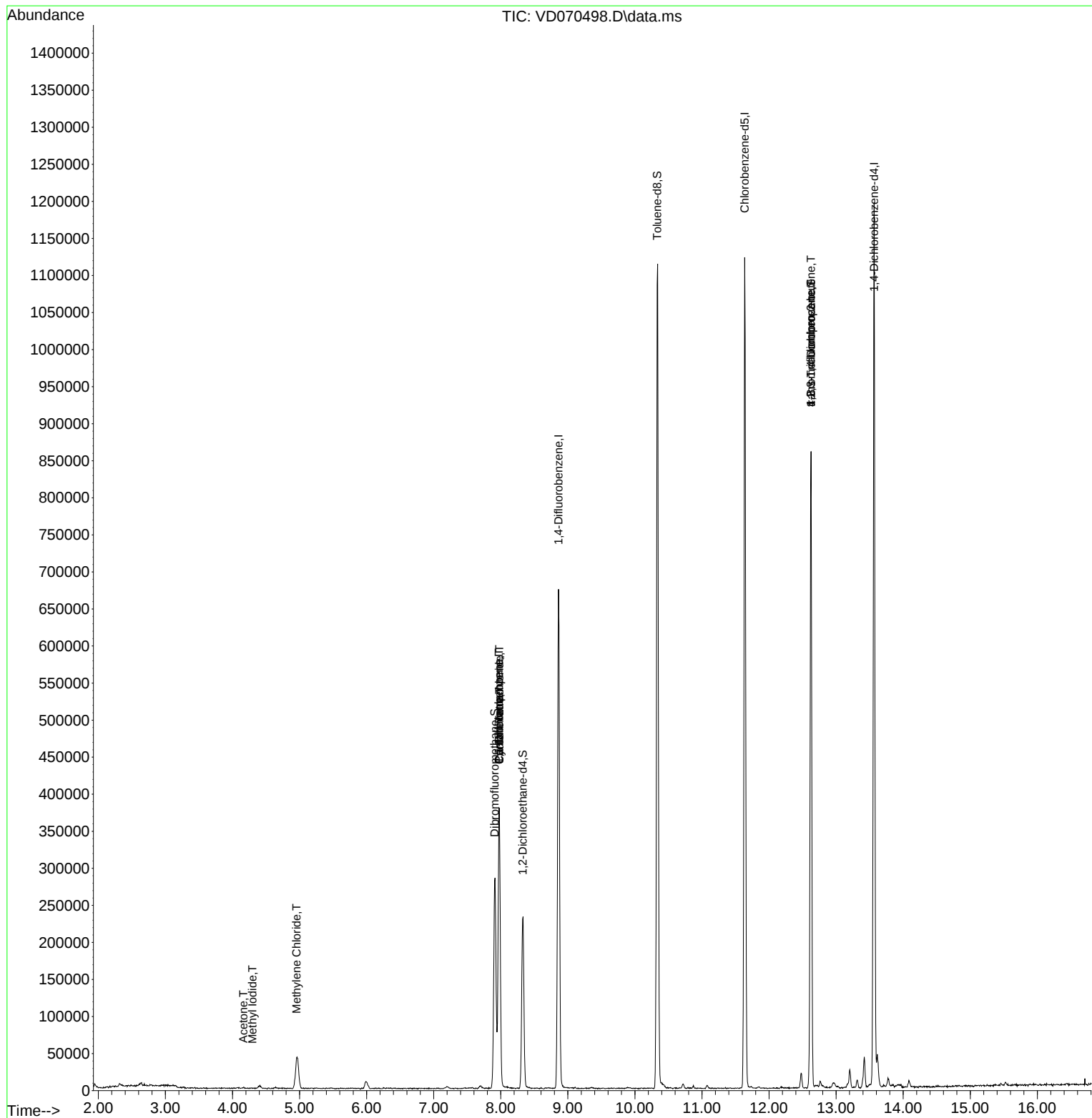
Internal Standards						
1) Pentafluorobenzene	7.973	168	270976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	587453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	673145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	308878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188567	54.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.400%	
35) Dibromofluoromethane	7.908	113	215285	51.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.960%	
50) Toluene-d8	10.332	98	785541	51.741	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	12.626	95	302172	56.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	523	Below Cal	#	43
3) Chloromethane	2.215	50	819	Below Cal	#	84
5) Bromomethane	2.779	94	1243	Below Cal	#	70
6) Chloroethane	2.914	64	104	Below Cal	#	43
10) Methyl Iodide	4.297	142	66	1.048	ug/l #	35
16) Acetone	4.162	43	1872	3.014	ug/l #	82
18) Methyl Acetate	4.738	43	60	Below Cal	#	48
20) Methylene Chloride	4.956	84	36528	2.541	ug/l	95
31) Cyclohexane	7.979	56	6211	1.036	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	24512	3.904	ug/l #	48
38) Carbon Tetrachloride	7.979	117	28448	4.581	ug/l #	19
76) 1,2,3-Trichloropropane	12.626	75	143665	45.982	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	143665	115.213	ug/l #	17

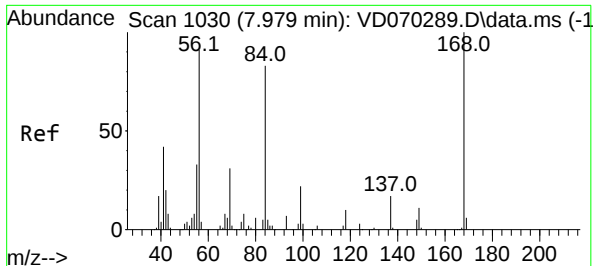
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 28 23:41:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

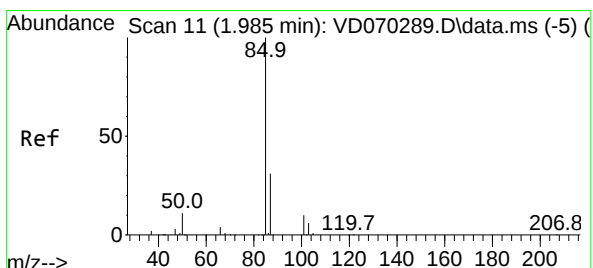
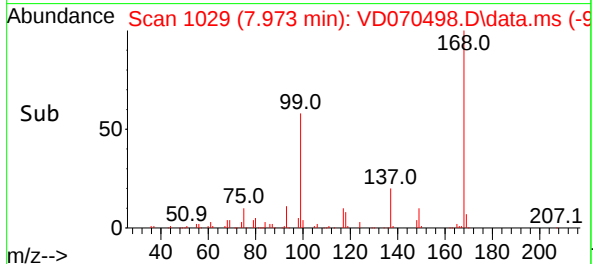
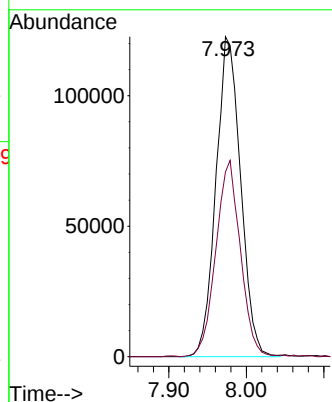
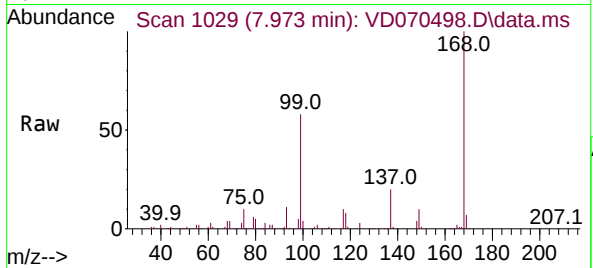




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

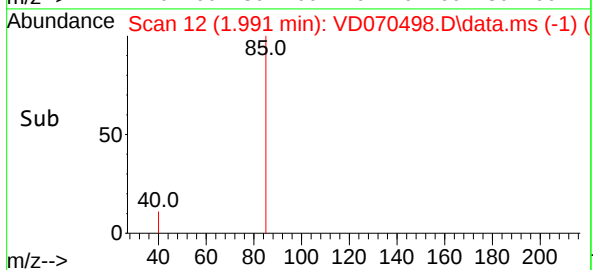
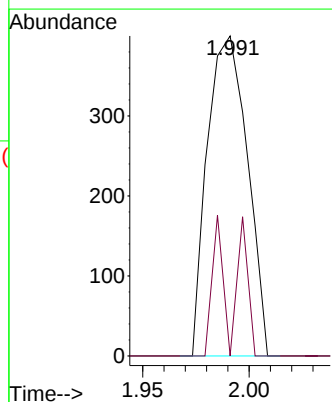
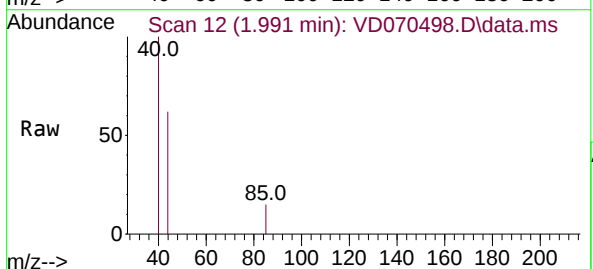
Instrument :
MSVOA_D
ClientSampled :
124019

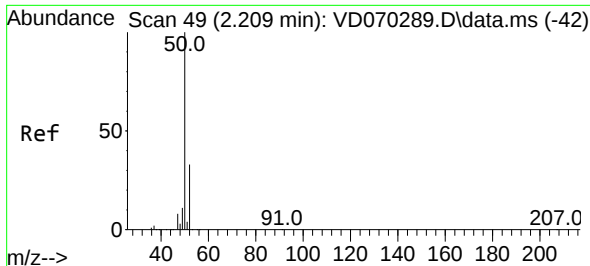
Tgt Ion:168 Resp: 270976
Ion Ratio Lower Upper
168 100
99 57.8 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

Tgt Ion: 85 Resp: 523
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

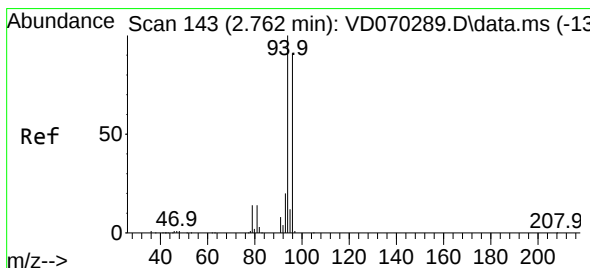
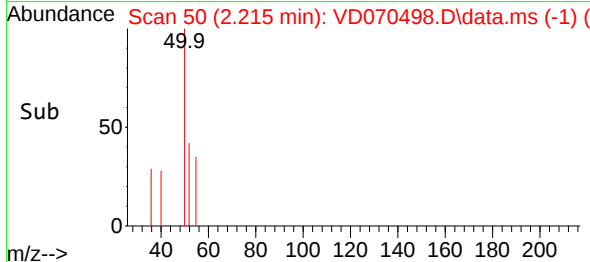
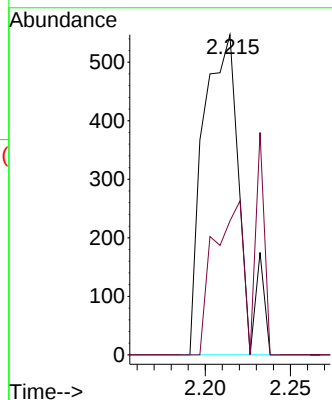
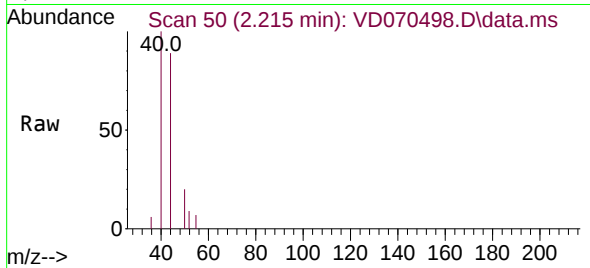




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

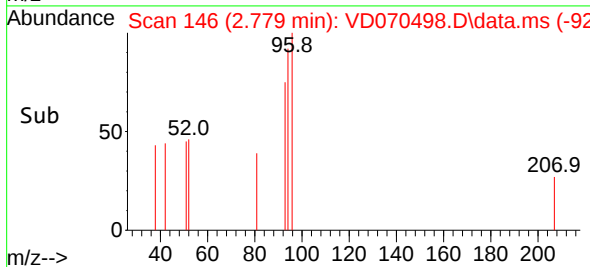
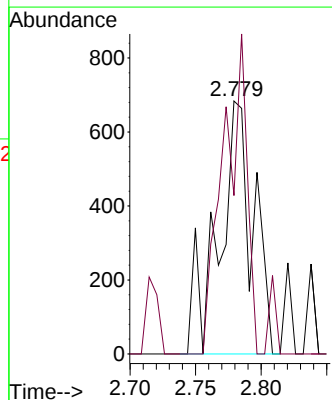
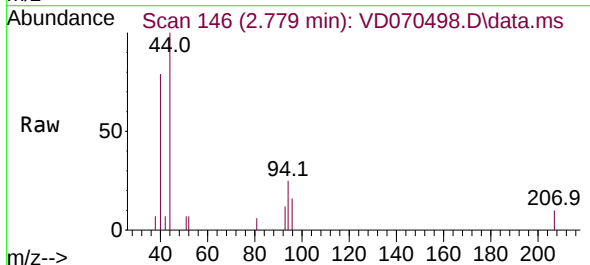
Instrument :
MSVOA_D
ClientSampled :
124019

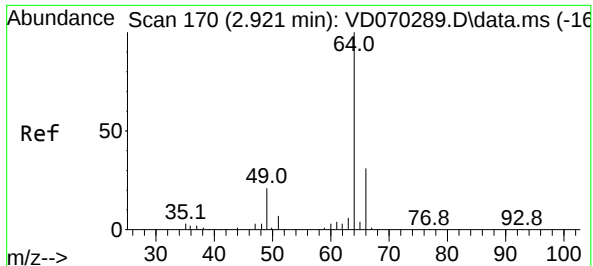
Tgt Ion: 50 Resp: 819
Ion Ratio Lower Upper
50 100
52 41.9 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

Tgt Ion: 94 Resp: 1243
Ion Ratio Lower Upper
94 100
96 62.6 73.0 109.6#

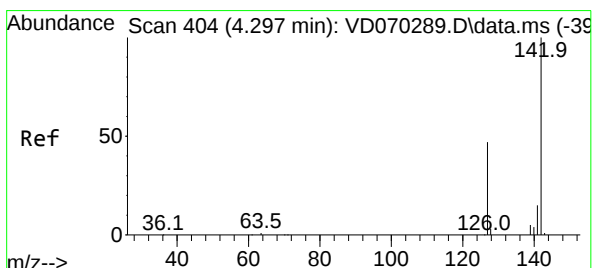
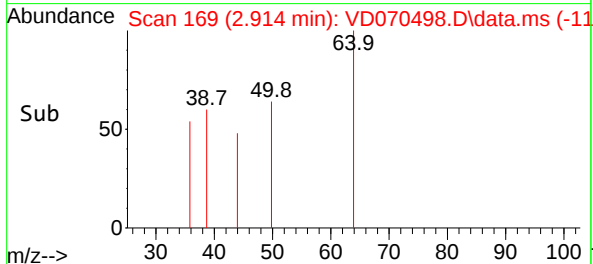
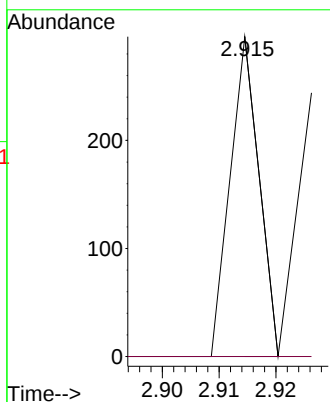
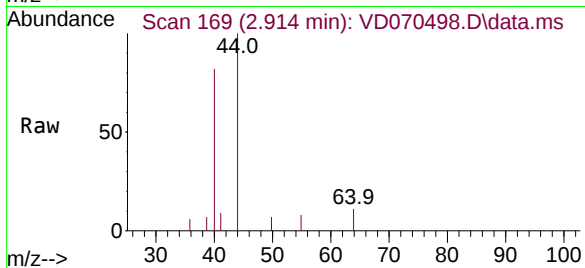




#6
Chloroethane
Concen: Below Cal
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

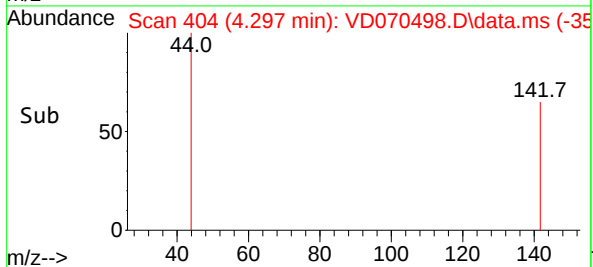
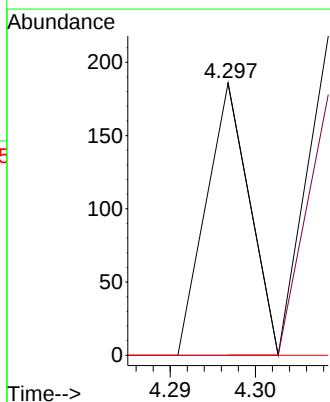
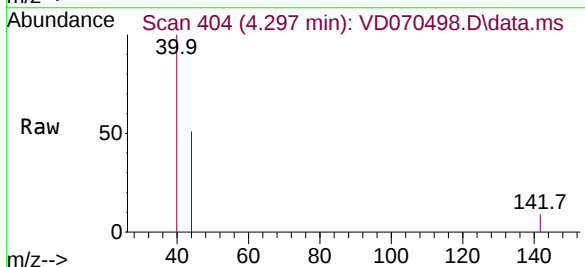
Instrument :
MSVOA_D
ClientSampled :
124019

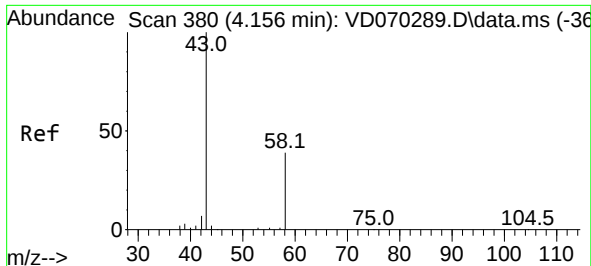
Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.048 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

Tgt Ion: 142 Resp: 66
Ion Ratio Lower Upper
142 100
127 95.5 36.9 55.3#
141 0.0 11.8 17.6#

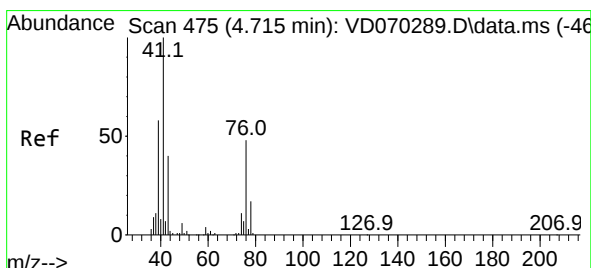
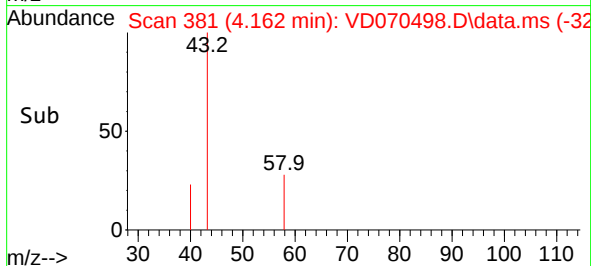
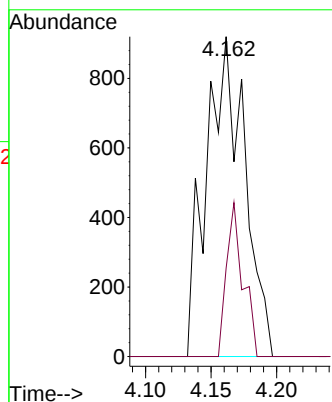
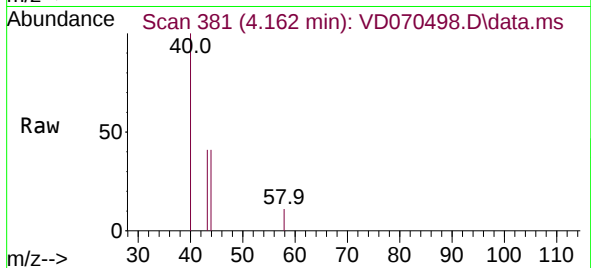




#16
Acetone
Concen: 3.014 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

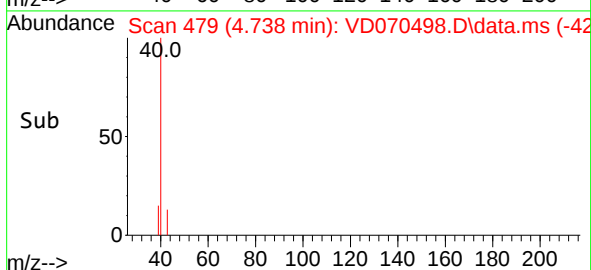
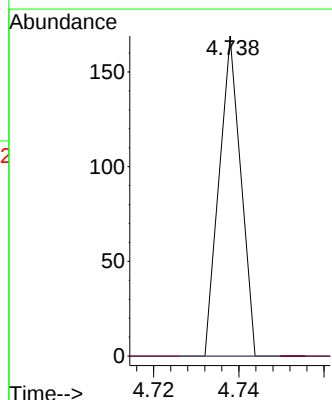
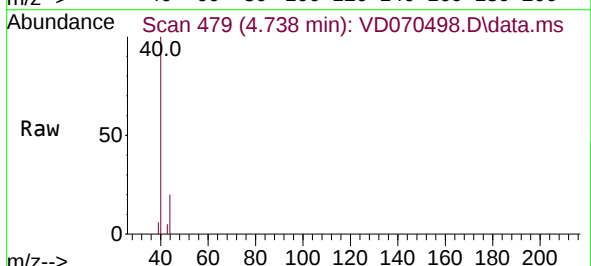
Instrument :
MSVOA_D
ClientSampled :
124019

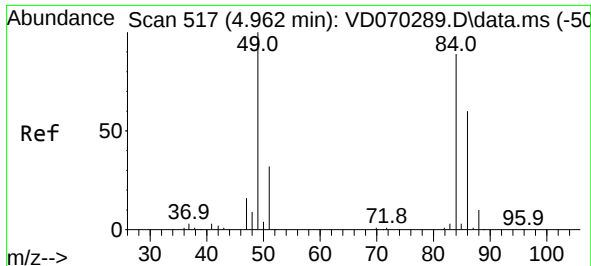
Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
58 27.6 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.738 min Scan# 479
Delta R.T. 0.023 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

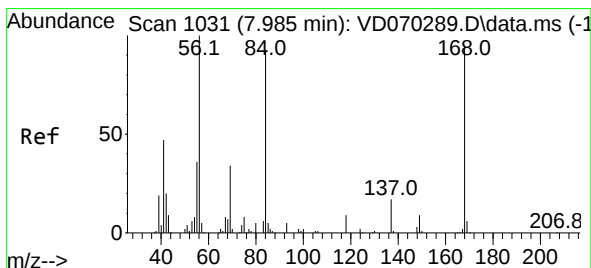
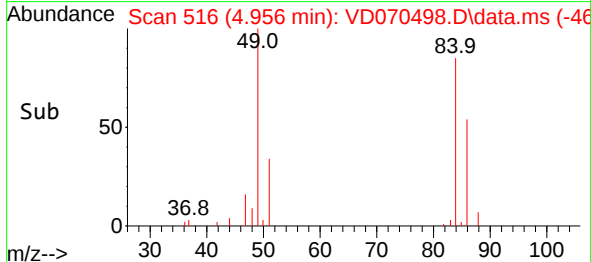
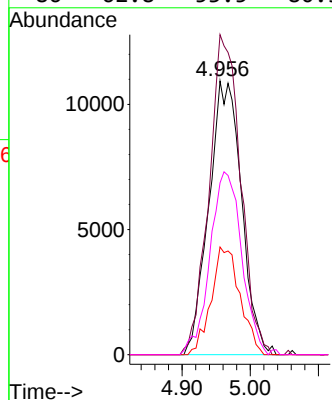
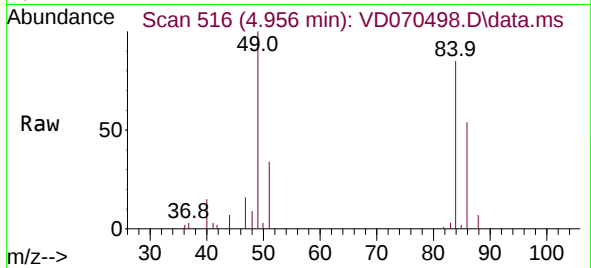




#20
Methylene Chloride
Concen: 2.541 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

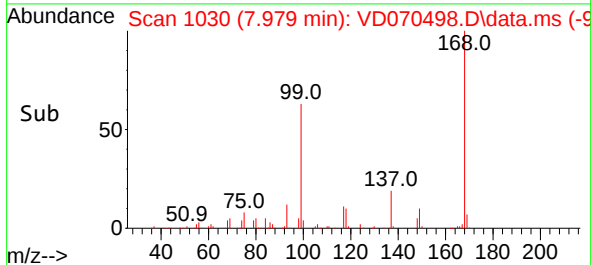
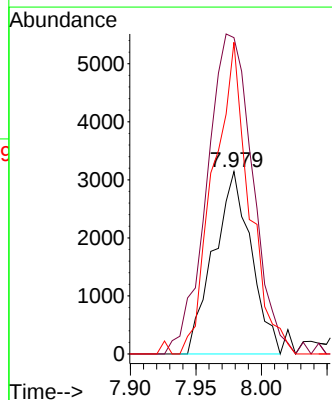
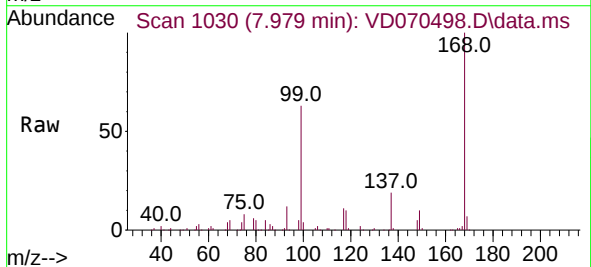
Instrument :
MSVOA_D
ClientSampled :
124019

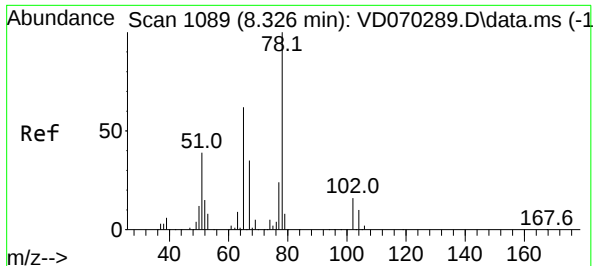
Tgt Ion:	84	Resp:	36528
Ion	Ratio	Lower	Upper
84	100		
49	117.0	89.6	134.4
51	39.4	28.6	43.0
86	62.8	53.5	80.3



#31
Cyclohexane
Concen: 1.036 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

Tgt Ion:	56	Resp:	6211
Ion	Ratio	Lower	Upper
56	100		
69	163.7	26.9	40.3#
84	170.9	73.6	110.4#



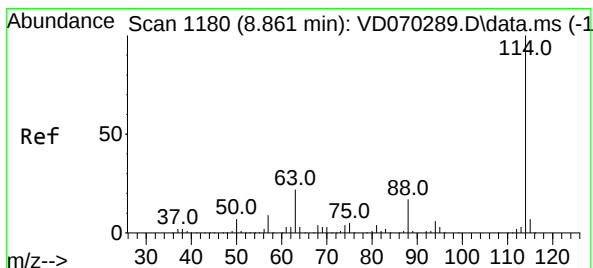
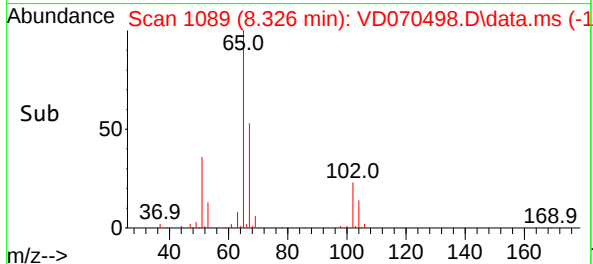
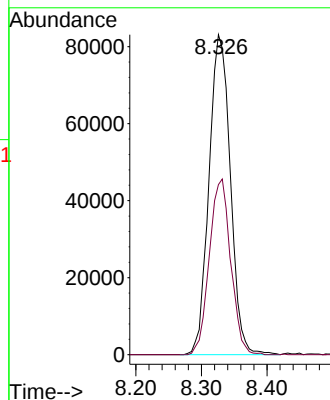
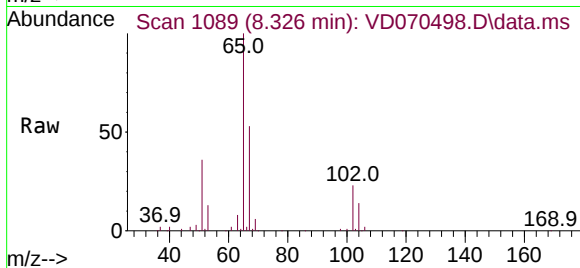


#33

1,2-Dichloroethane-d4
Concen: 54.195 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

Instrument :
MSVOA_D
ClientSampled :
124019

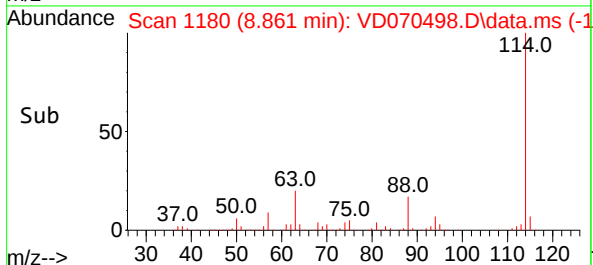
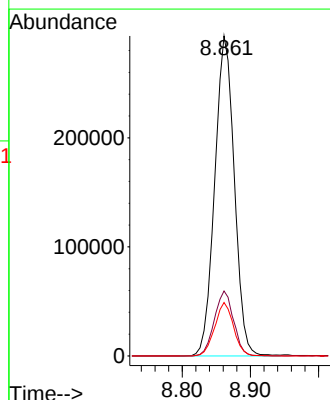
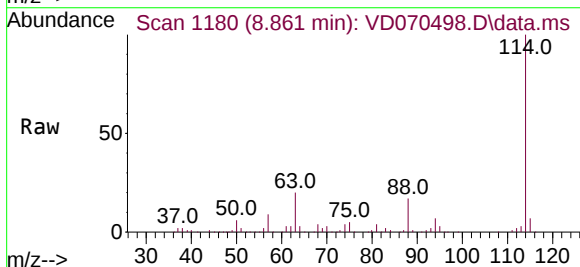
Tgt Ion: 65 Resp: 188567
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.4

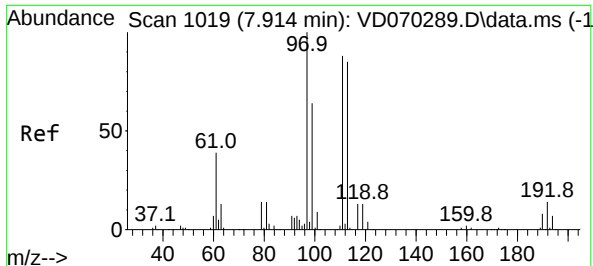


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

Tgt Ion: 114 Resp: 587453
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.4
88 16.7 0.0 33.4



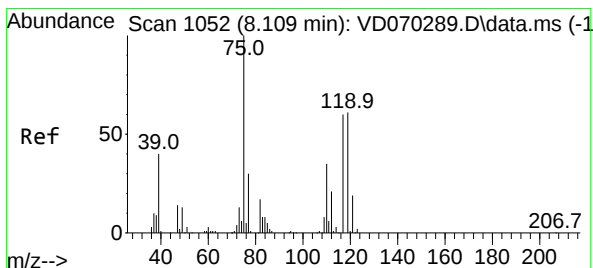
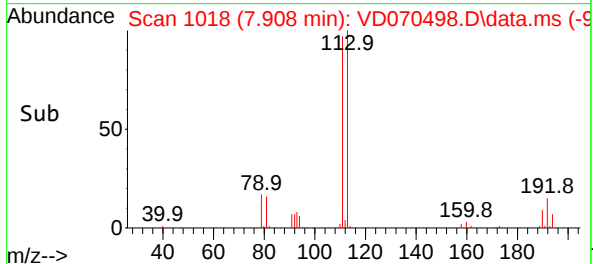
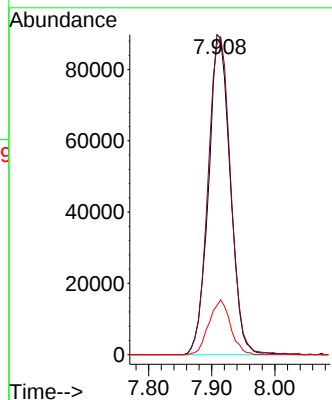
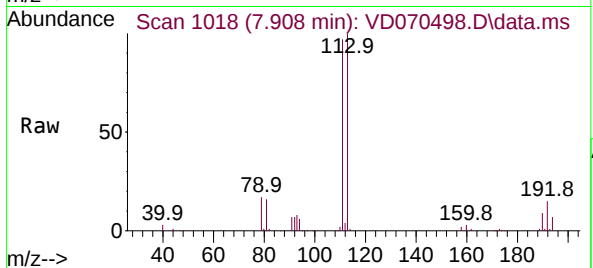


#35

Dibromofluoromethane
Concen: 51.484 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

Instrument :
MSVOA_D
ClientSampleId :
124019

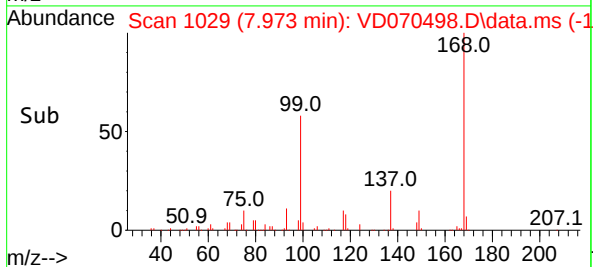
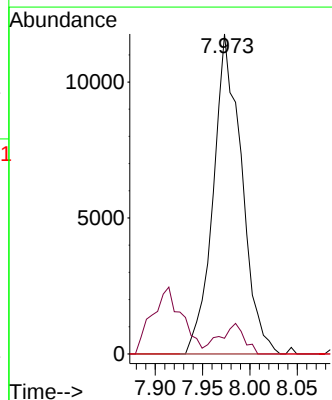
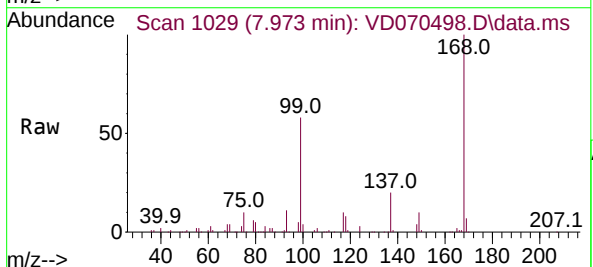
Tgt Ion:113 Resp: 215285
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.2
192 16.9 13.0 19.6

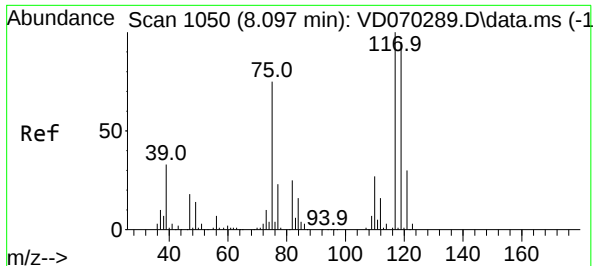


#36

1,1-Dichloropropene
Concen: 3.904 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

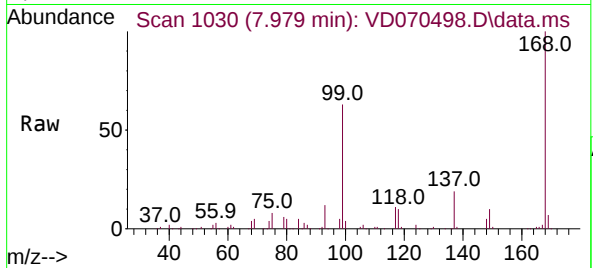
Tgt Ion: 75 Resp: 24512
Ion Ratio Lower Upper
75 100
110 8.2 17.9 53.7#
77 0.0 25.3 37.9#



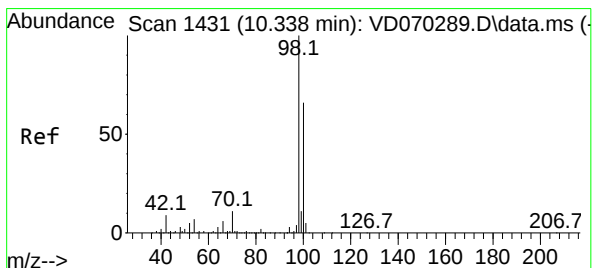
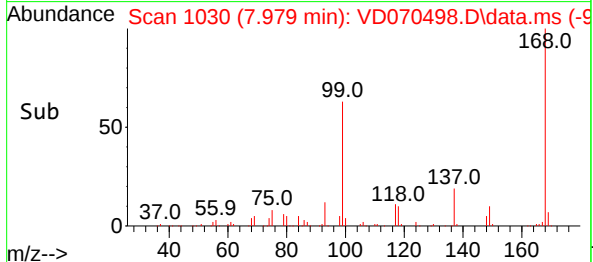
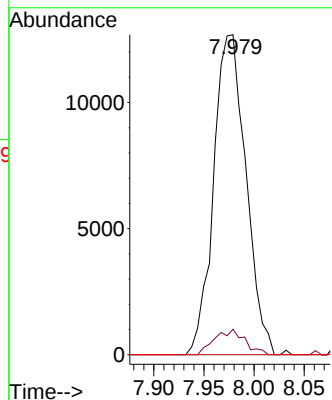


#38
Carbon Tetrachloride
Concen: 4.581 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

Instrument :
MSVOA_D
ClientSampled :
124019

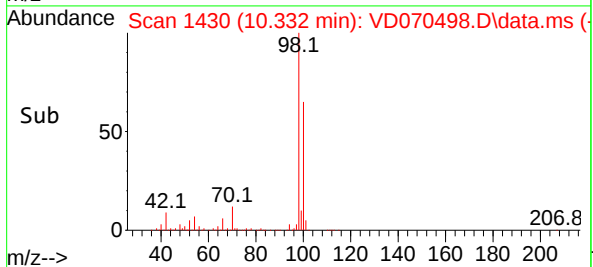
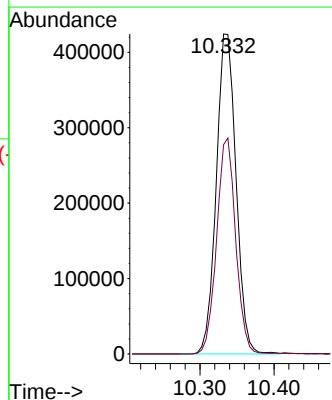
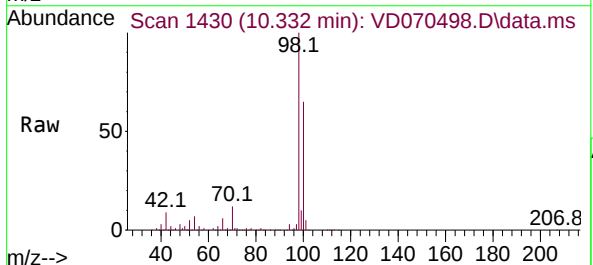


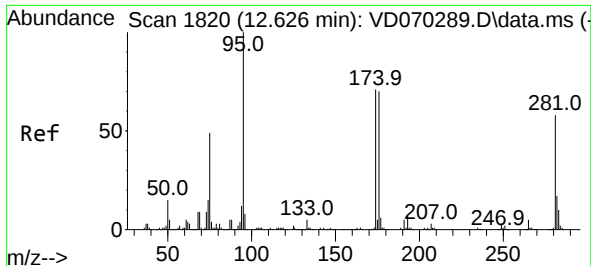
Tgt Ion:117 Resp: 28448
Ion Ratio Lower Upper
117 100
119 7.9 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 51.741 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

Tgt Ion: 98 Resp: 785541
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

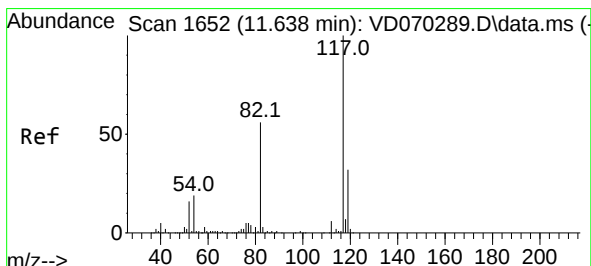
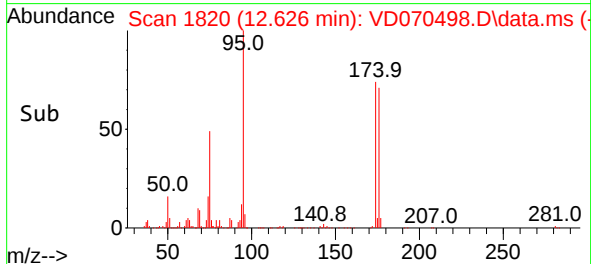
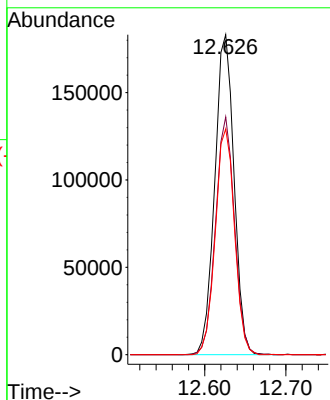
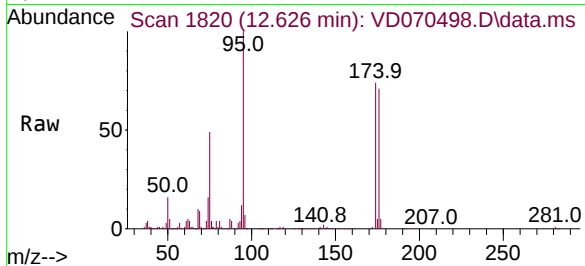




#62
4-Bromofluorobenzene
Concen: 56.949 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

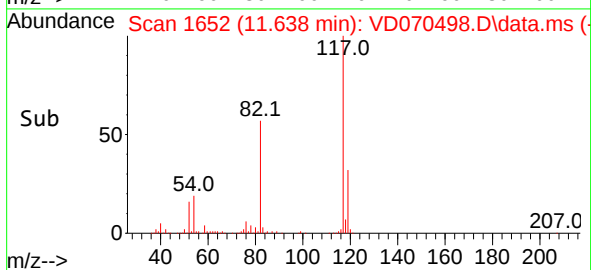
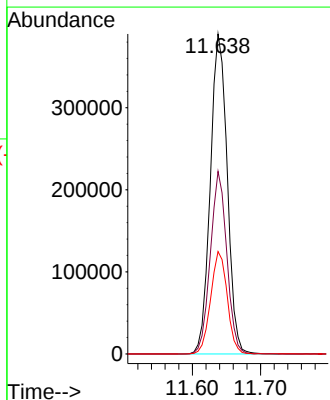
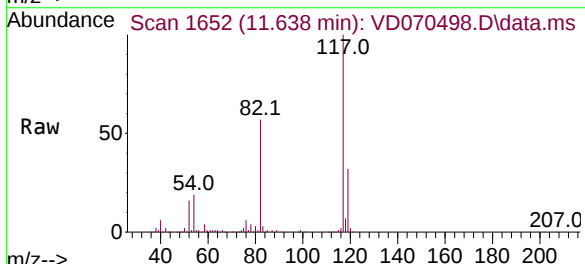
Instrument :
MSVOA_D
ClientSampled :
124019

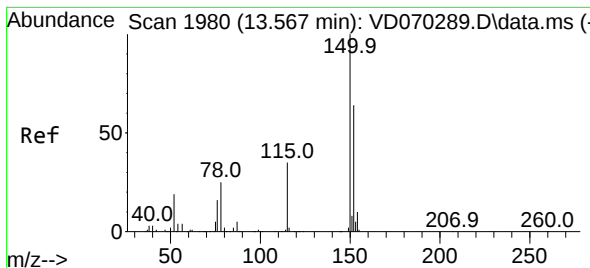
Tgt Ion: 95 Resp: 302172
Ion Ratio Lower Upper
95 100
174 73.4 0.0 140.6
176 70.4 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070498.D
Acq: 28 Sep 2021 13:09

Tgt Ion: 117 Resp: 673145
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 32.0 25.2 37.8

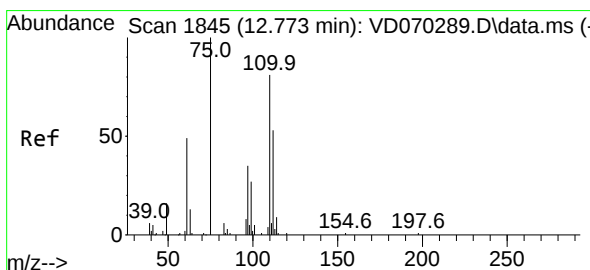
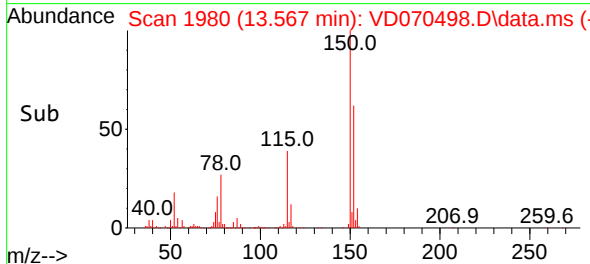
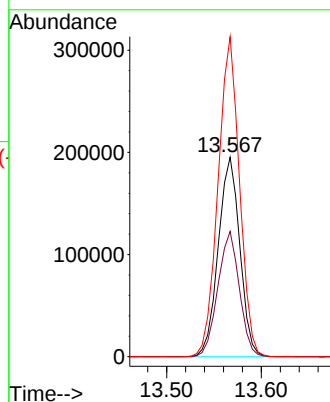
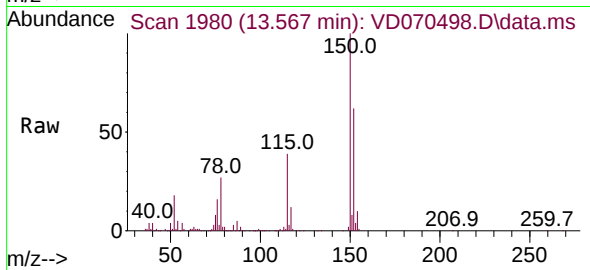




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070498.D
 Acq: 28 Sep 2021 13:09

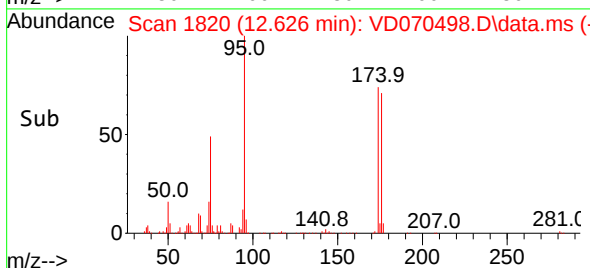
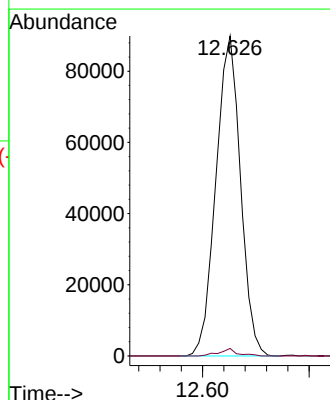
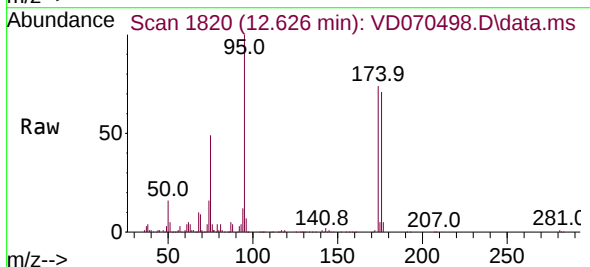
Instrument :
 MSVOA_D
 ClientSampled :
 124019

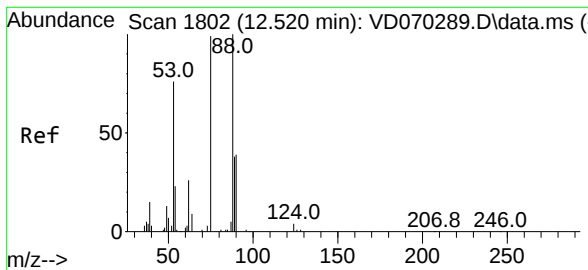
Tgt Ion:152 Resp: 308878
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.1 96.3
 150 159.4 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 45.982 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070498.D
 Acq: 28 Sep 2021 13:09

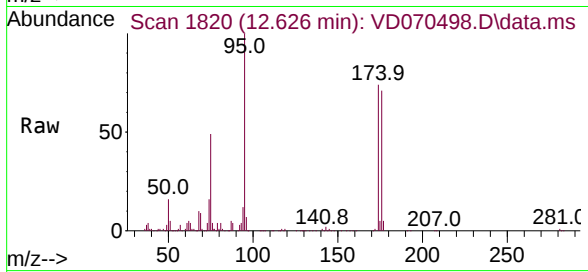
Tgt Ion: 75 Resp: 143665
 Ion Ratio Lower Upper
 75 100
 77 1.7 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.213 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070498.D
 Acq: 28 Sep 2021 13:09

Instrument :
 MSVOA_D
 ClientSampleId :
 124019



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.2	96.2#
89	0.0	35.6	53.4#

