

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070450.D
 Acq On : 24 Sep 2021 13:04
 Operator : VA/SY
 Sample : M3907-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 25 03:08:01 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)

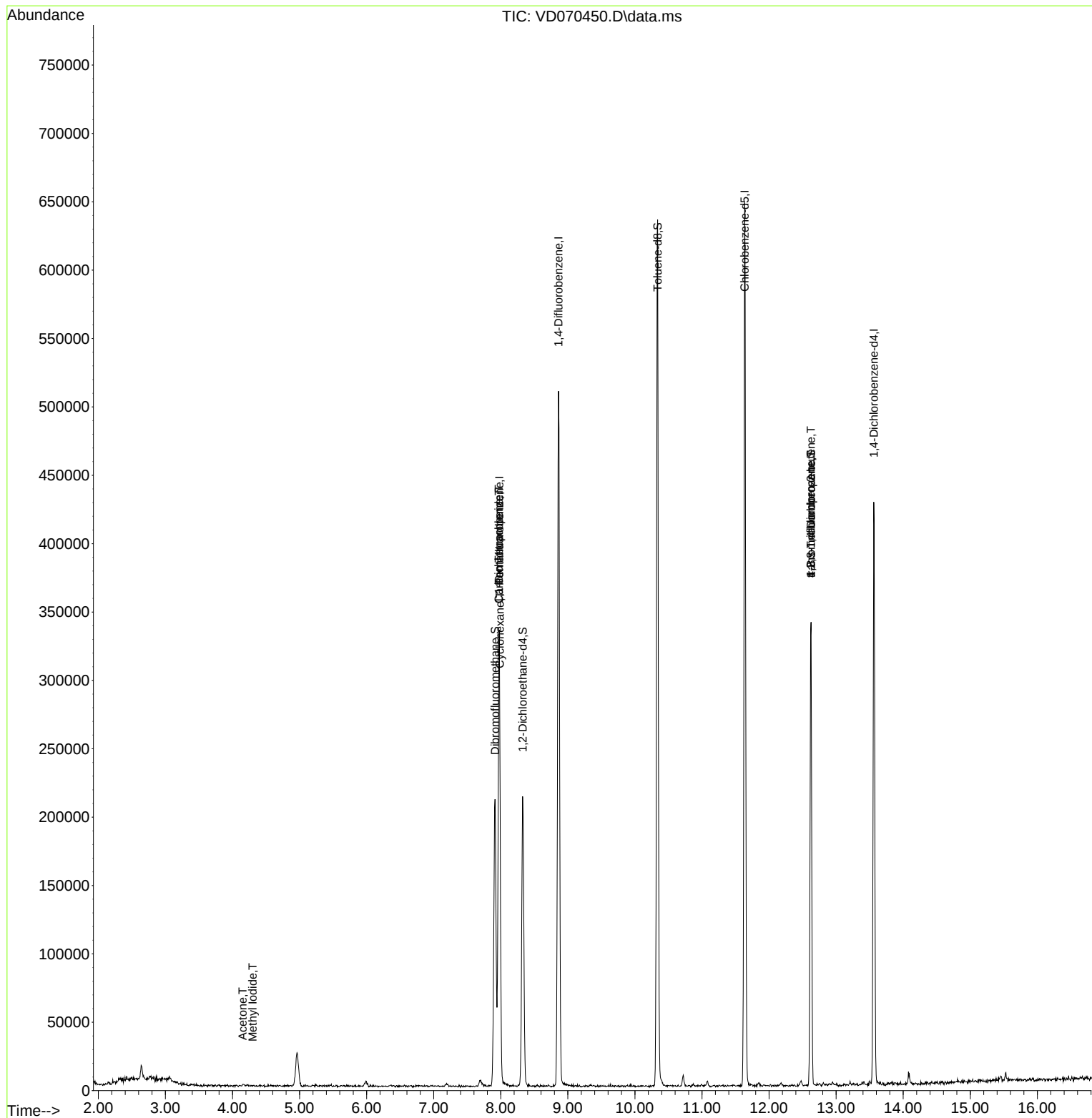
Internal Standards						
1) Pentafluorobenzene	7.979	168	227132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	448535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	391318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	117016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165346	56.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.380%
35) Dibromofluoromethane	7.914	113	155867	48.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.640%
50) Toluene-d8	10.338	98	449846	38.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.620%
62) 4-Bromofluorobenzene	12.626	95	117323	28.960	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	57.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	426	Below Cal	#	55
3) Chloromethane	2.209	50	729	Below Cal	#	64
5) Bromomethane	2.779	94	1800	Below Cal		83
6) Chloroethane	2.926	64	219	Below Cal	#	43
10) Methyl Iodide	4.303	142	370	1.158	ug/l #	60
16) Acetone	4.150	43	923	1.773	ug/l #	36
18) Methyl Acetate	4.708	43	62	Below Cal	#	48
20) Methylene Chloride	4.973	84	19412	Below Cal	#	89
31) Cyclohexane	7.985	56	5465	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	19952	4.162	ug/l #	50
38) Carbon Tetrachloride	7.973	117	24977	5.268	ug/l #	18
76) 1,2,3-Trichloropropane	12.626	75	56199	47.480	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	56199	118.966	ug/l #	17

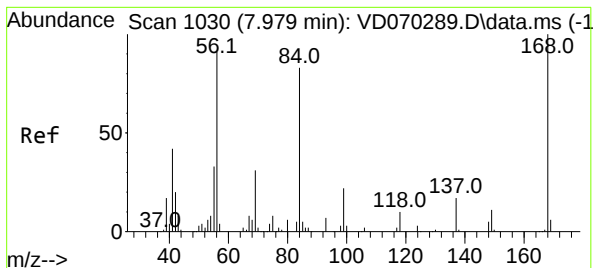
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 25 03:08:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
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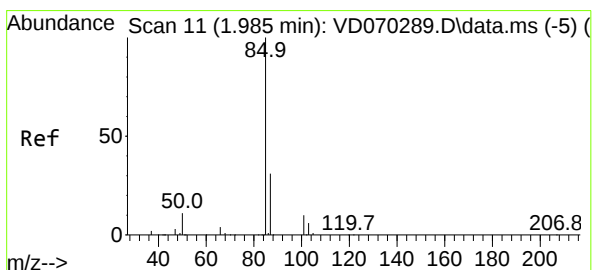
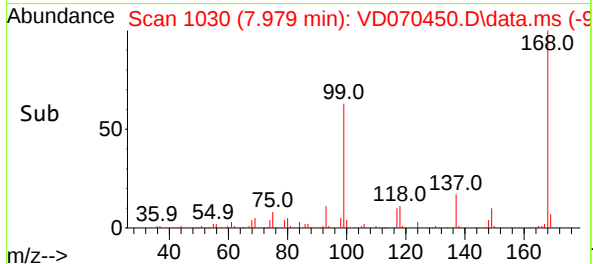
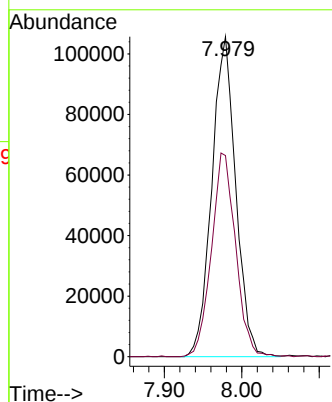
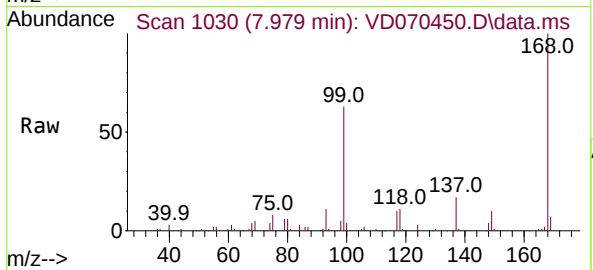




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

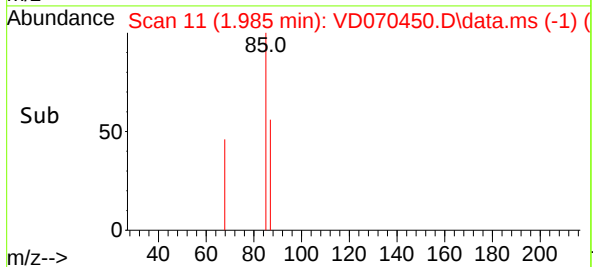
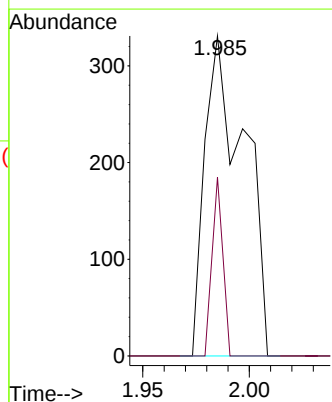
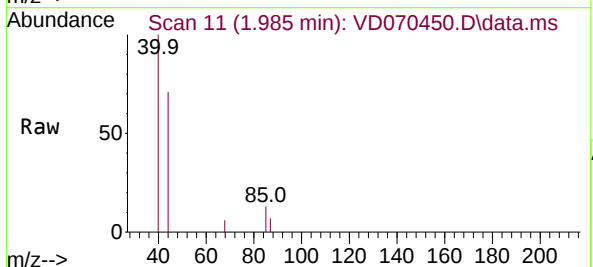
Instrument :
MSVOA_D
ClientSampled :

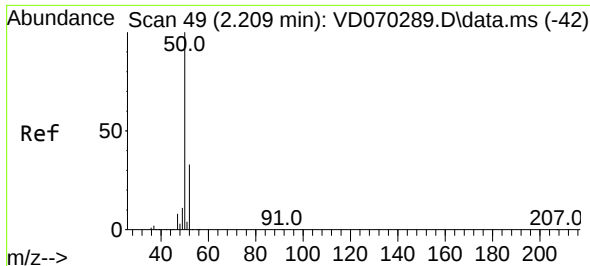
Tgt Ion:168 Resp: 227132
Ion Ratio Lower Upper
168 100
99 62.8 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Tgt Ion: 85 Resp: 426
Ion Ratio Lower Upper
85 100
87 55.9 15.6 46.8#

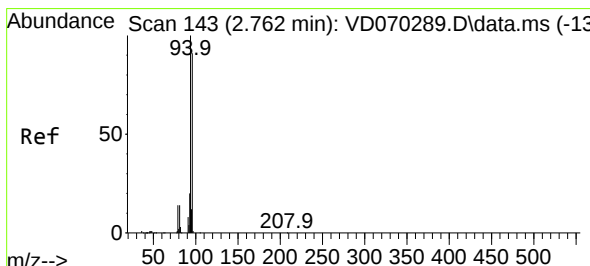
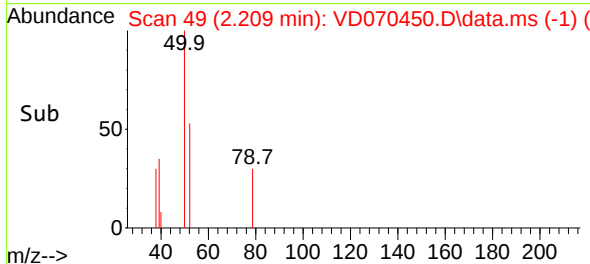
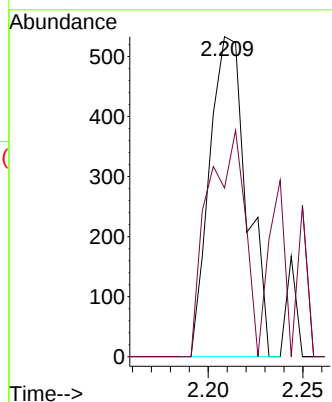
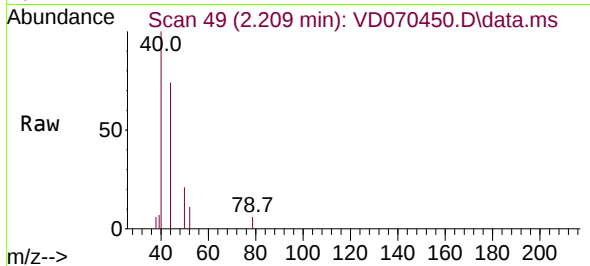




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

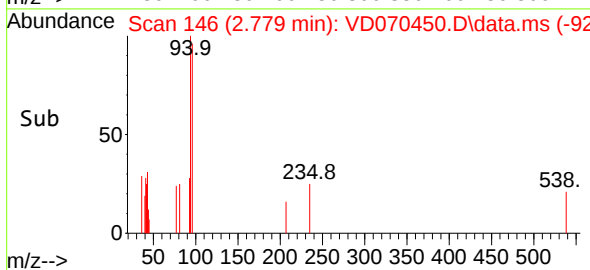
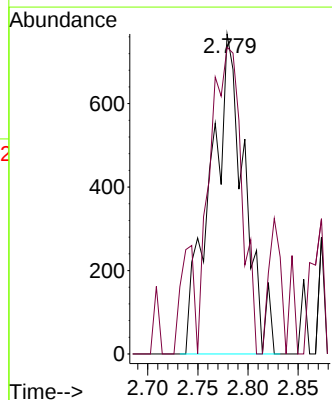
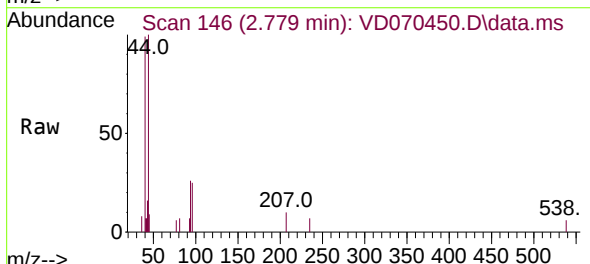
Instrument :
MSVOA_D
ClientSampled :

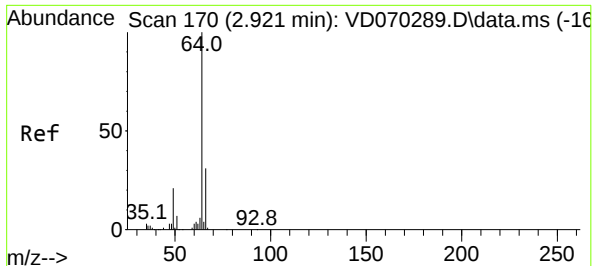
Tgt Ion: 50 Resp: 729
Ion Ratio Lower Upper
50 100
52 52.7 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Tgt Ion: 94 Resp: 1800
Ion Ratio Lower Upper
94 100
96 74.8 73.0 109.6

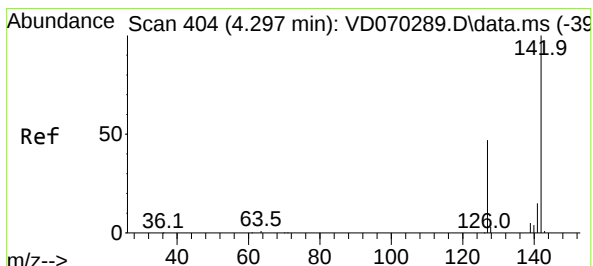
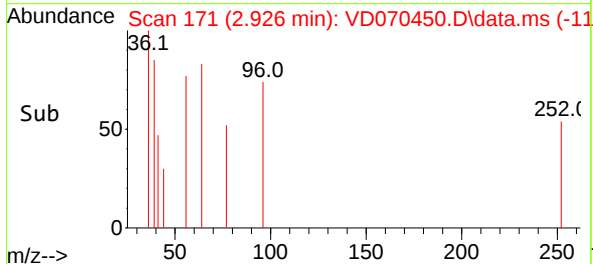
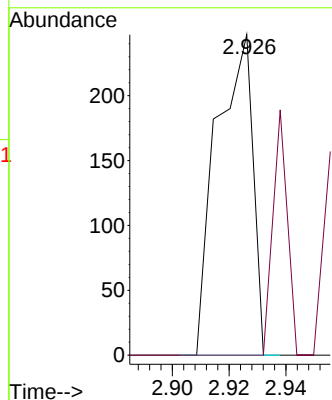
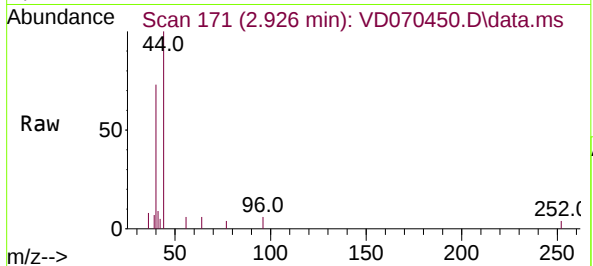




#6
Chloroethane
Concen: Below Cal
RT: 2.926 min Scan# 171
Delta R.T. 0.005 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

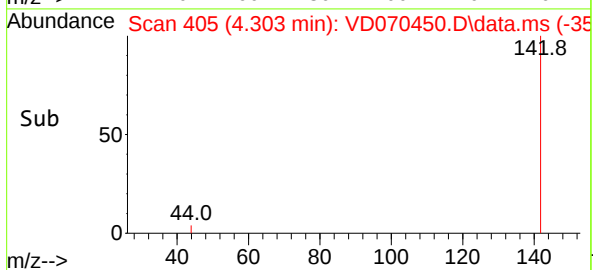
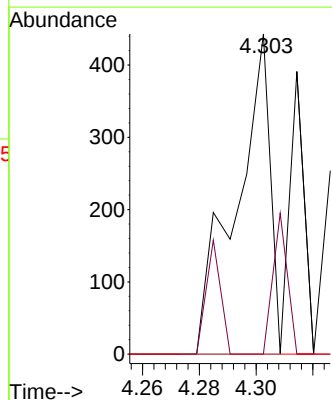
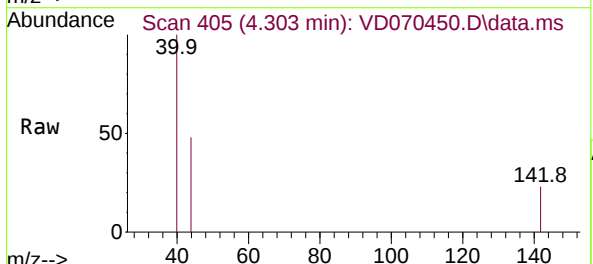
Instrument :
MSVOA_D
ClientSampled :

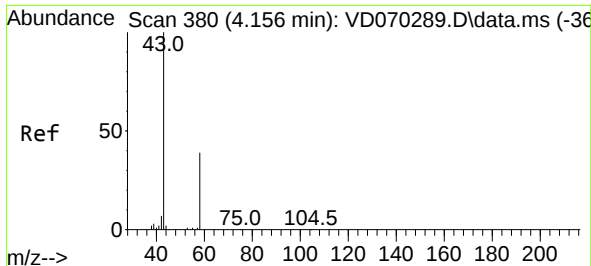
Tgt Ion: 64 Resp: 219
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.158 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Tgt Ion: 142 Resp: 370
Ion Ratio Lower Upper
142 100
127 18.6 36.9 55.3#
141 0.0 11.8 17.6#

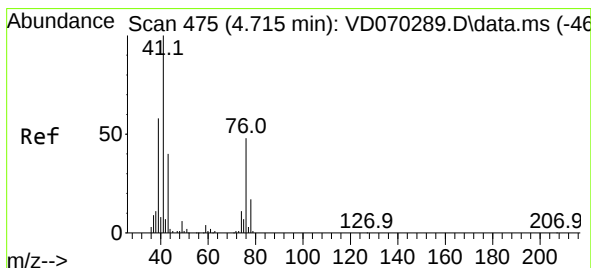
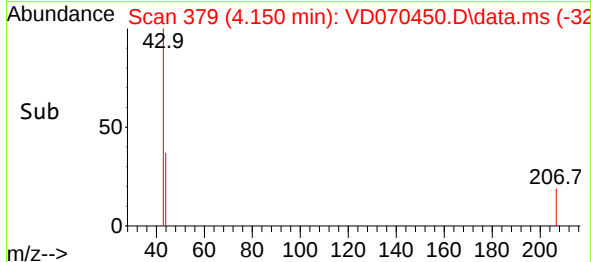
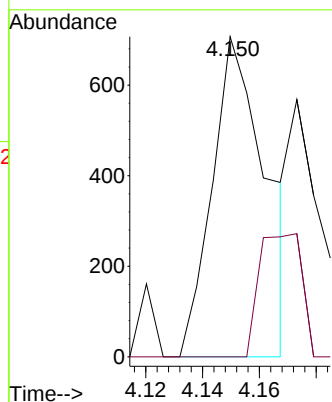
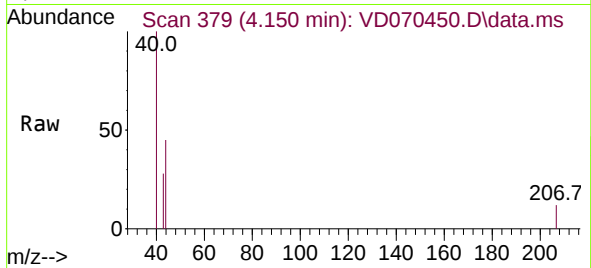




#16
Acetone
Concen: 1.773 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

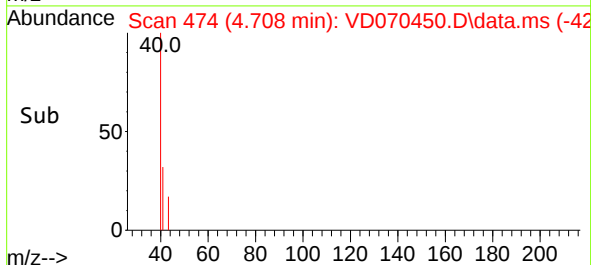
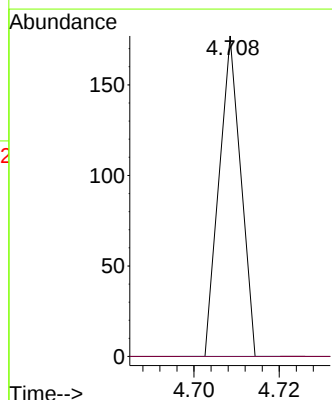
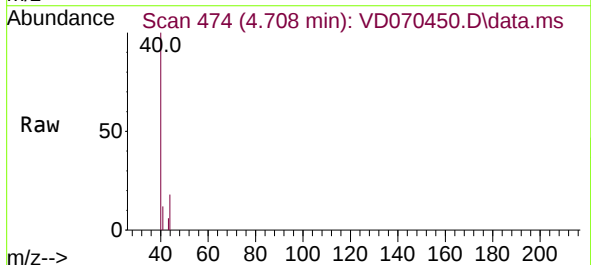
Instrument :
MSVOA_D
ClientSampleId :

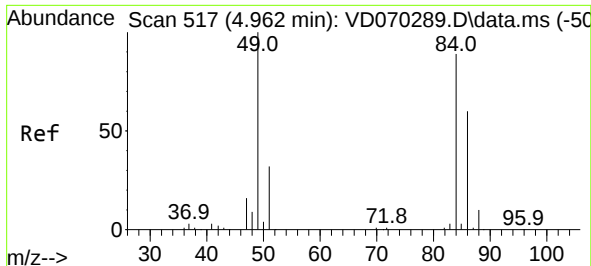
Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.708 min Scan# 474
Delta R.T. -0.007 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

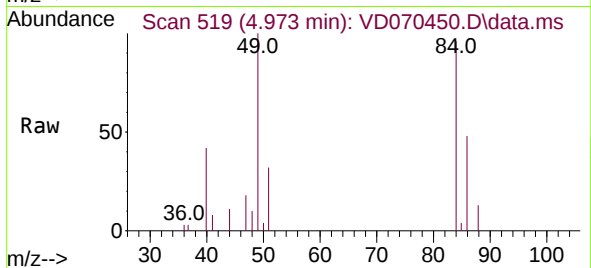
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



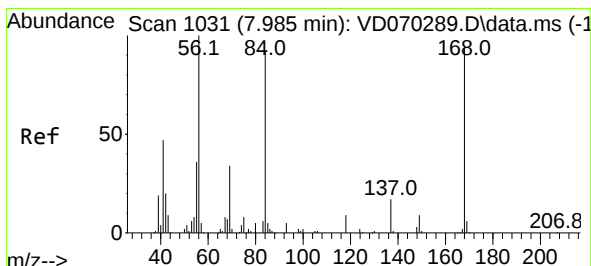
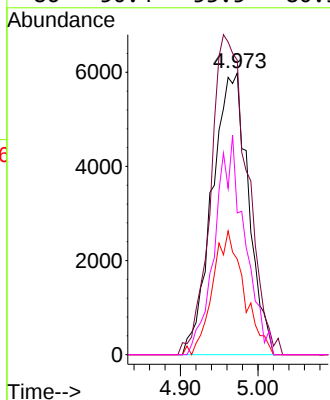
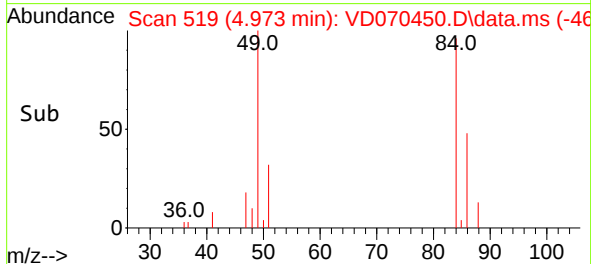


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

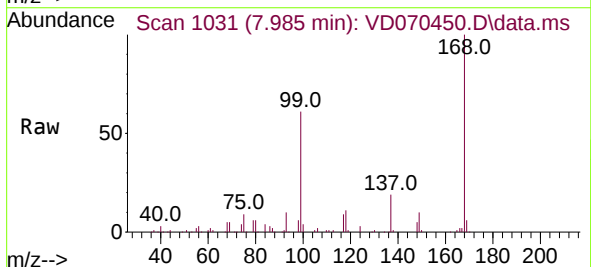
Instrument :
MSVOA_D
ClientSampled :



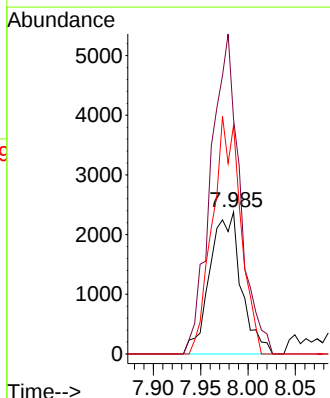
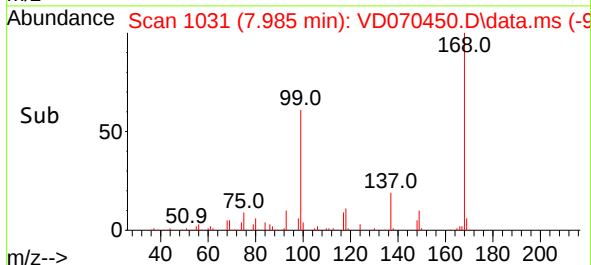
Tgt Ion:	84	Resp:	19412
Ion	Ratio	Lower	Upper
84	100		
49	104.6	89.6	134.4
51	33.9	28.6	43.0
86	50.4	53.5	80.3#

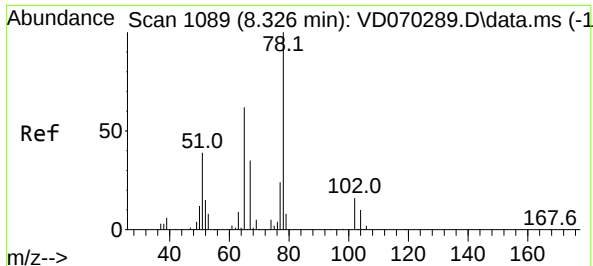


#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04



Tgt Ion:	56	Resp:	5465
Ion	Ratio	Lower	Upper
56	100		
69	165.5	26.9	40.3#
84	161.3	73.6	110.4#

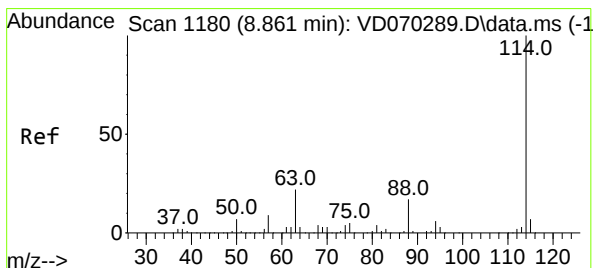
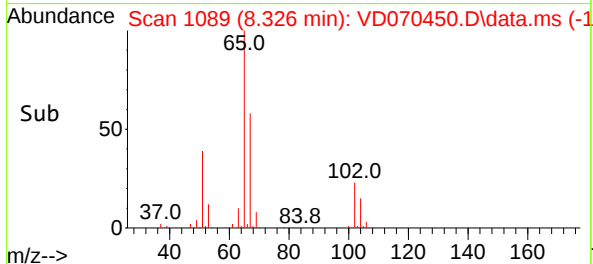
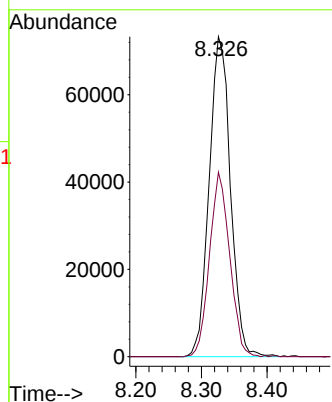
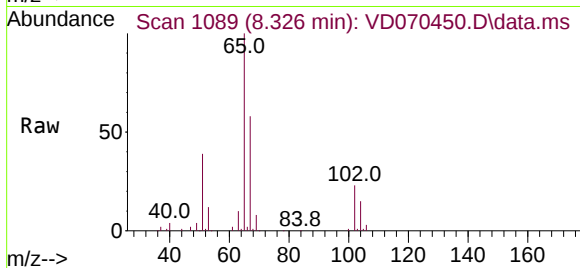




#33
1,2-Dichloroethane-d4
Concen: 56.695 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

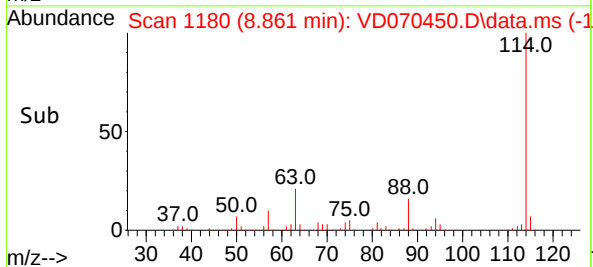
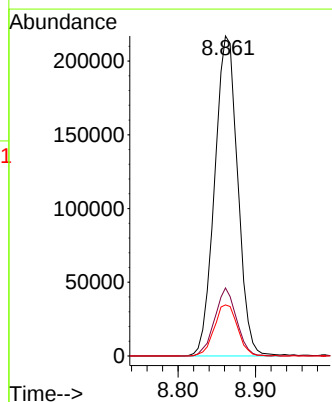
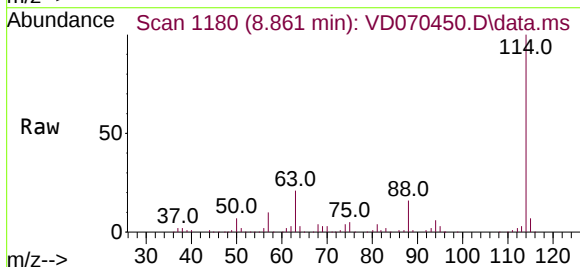
Instrument :
MSVOA_D
ClientSampleId :

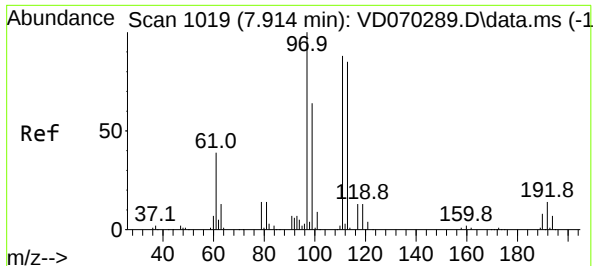
Tgt Ion: 65 Resp: 165346
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Tgt Ion:114 Resp: 448535
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.4
88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.819 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070450.D

Acq: 24 Sep 2021 13:04

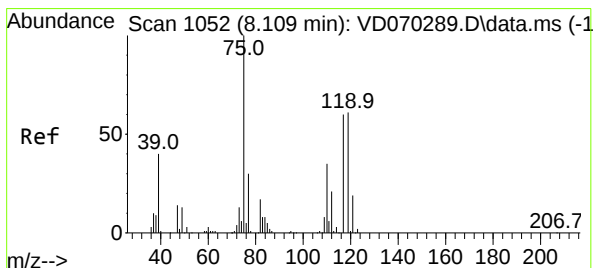
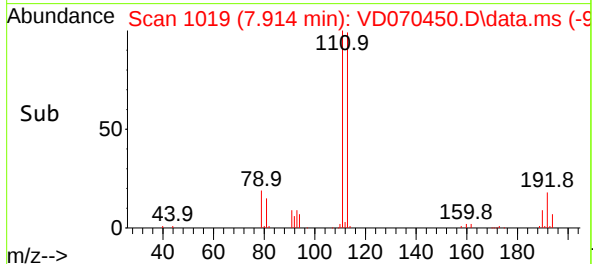
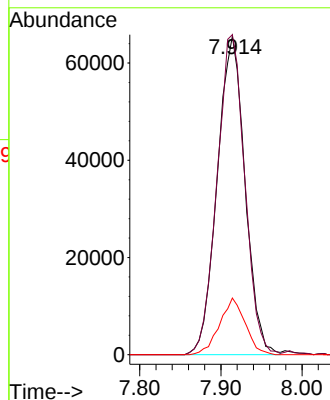
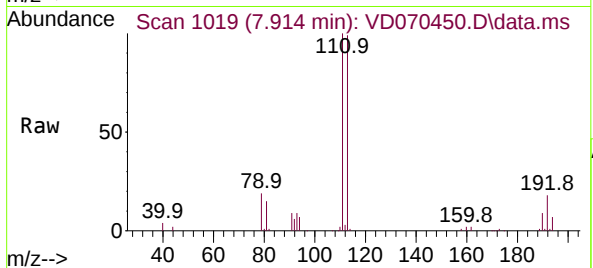
Tgt Ion:113 Resp: 155867

Ion Ratio Lower Upper

113 100

111 100.3 81.4 122.2

192 16.4 13.0 19.6



#36

1,1-Dichloropropene

Concen: 4.162 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD070450.D

Acq: 24 Sep 2021 13:04

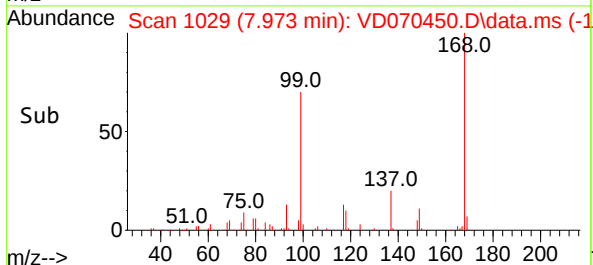
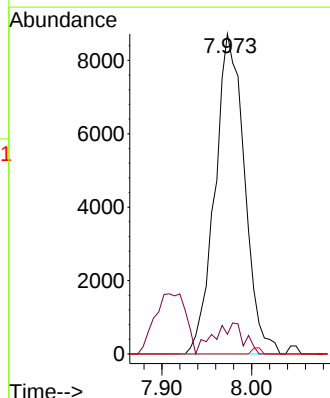
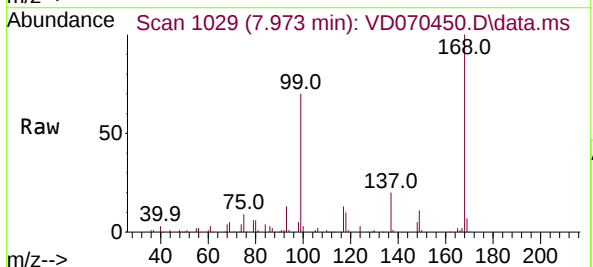
Tgt Ion: 75 Resp: 19952

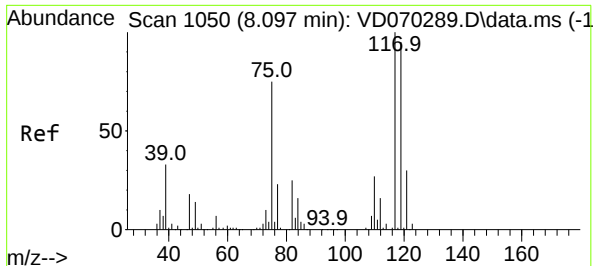
Ion Ratio Lower Upper

75 100

110 9.9 17.9 53.7#

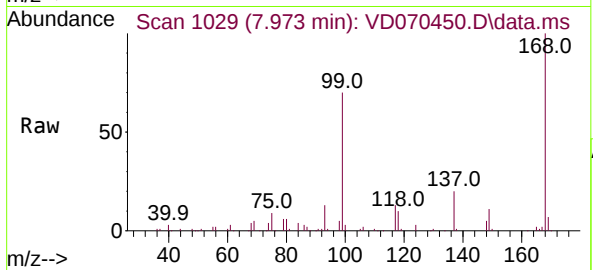
77 0.0 25.3 37.9#



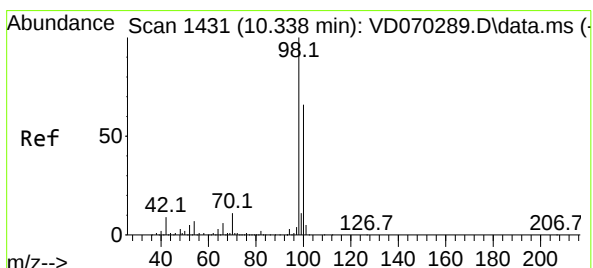
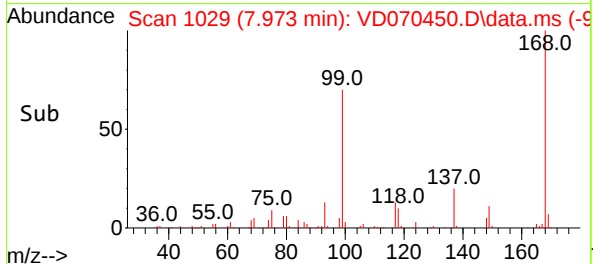
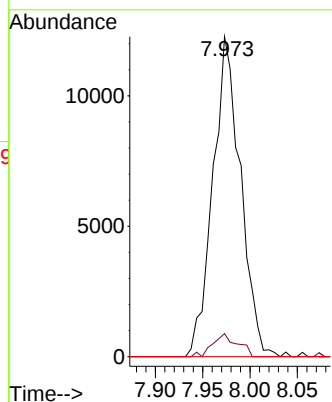


#38
Carbon Tetrachloride
Concen: 5.268 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Instrument :
MSVOA_D
ClientSampleId :

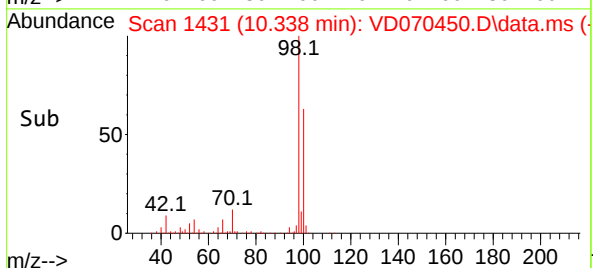
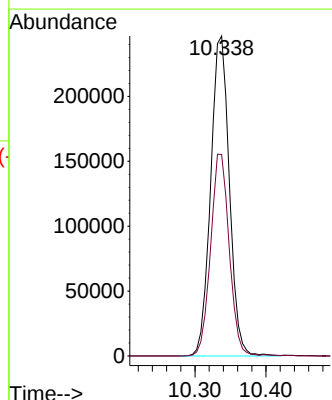
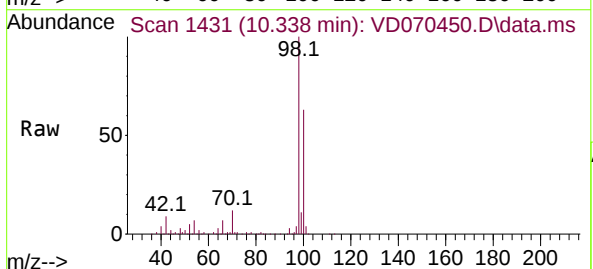


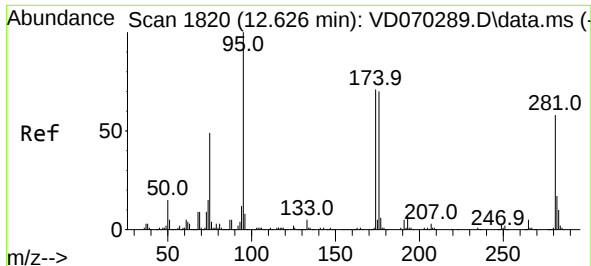
Tgt Ion:117 Resp: 24977
Ion Ratio Lower Upper
117 100
119 7.2 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 38.806 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Tgt Ion: 98 Resp: 449846
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

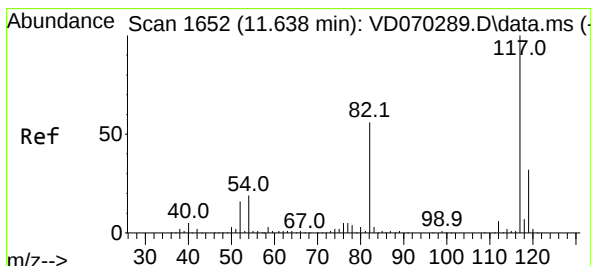
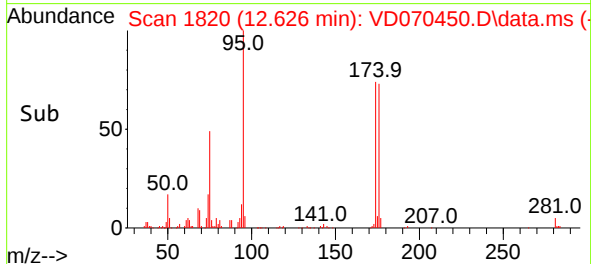
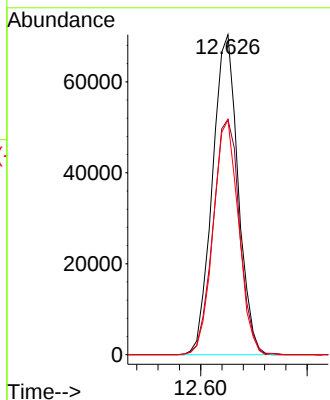
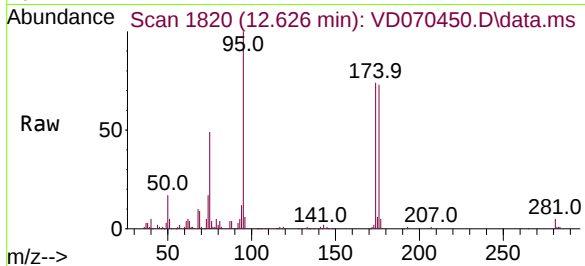




#62
4-Bromofluorobenzene
Concen: 28.960 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

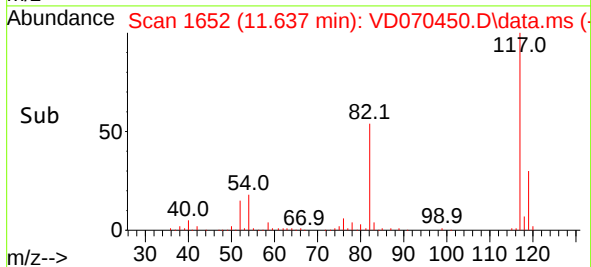
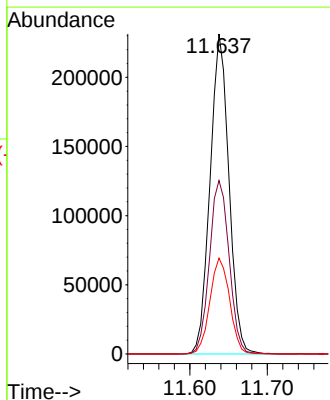
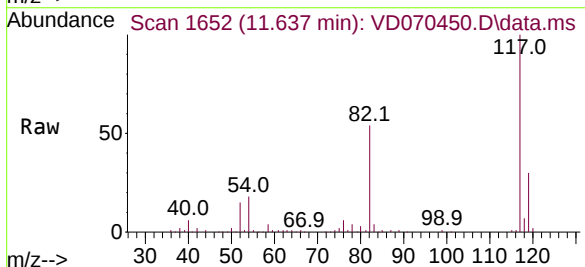
Instrument :
MSVOA_D
ClientSampleId :

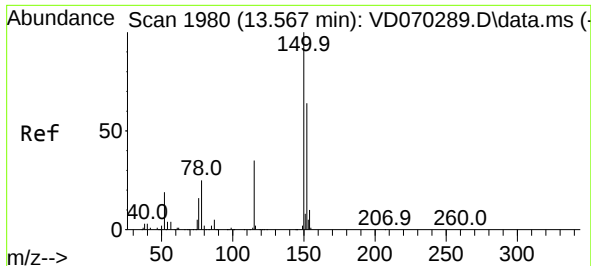
Tgt Ion: 95 Resp: 117323
Ion Ratio Lower Upper
95 100
174 76.4 0.0 140.6
176 72.6 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

Tgt Ion: 117 Resp: 391318
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 29.9 25.2 37.8

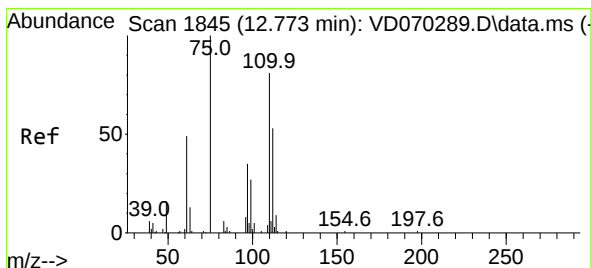
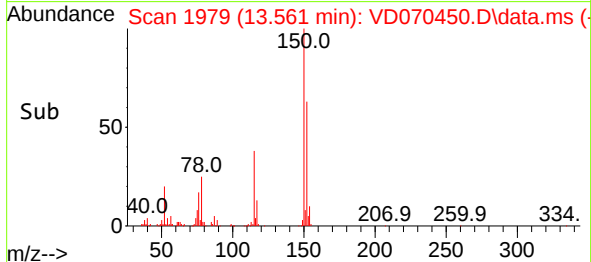
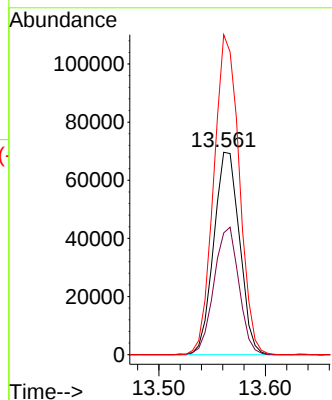
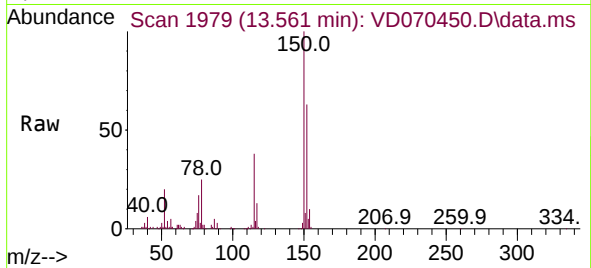




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

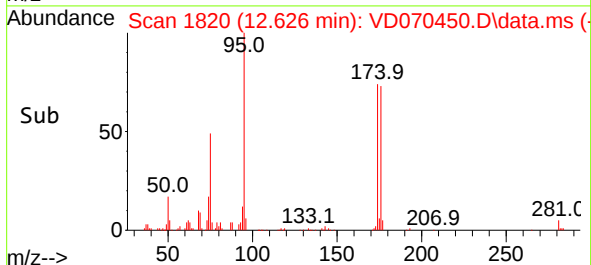
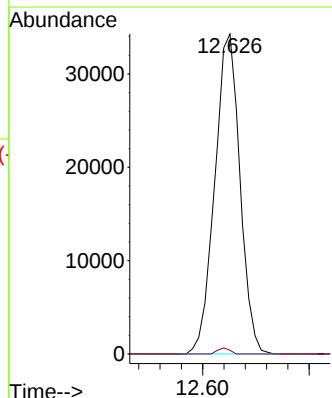
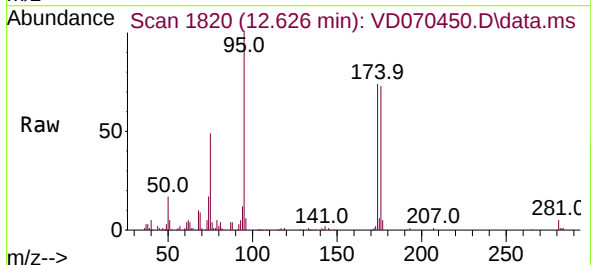
Instrument :
MSVOA_D
ClientSampleId :

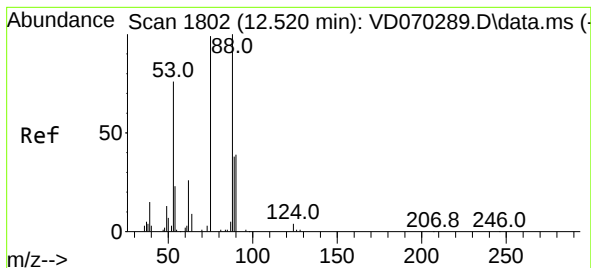
Tgt Ion:152 Resp: 117016
Ion Ratio Lower Upper
152 100
115 61.1 32.1 96.3
150 156.3 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 47.480 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070450.D
Acq: 24 Sep 2021 13:04

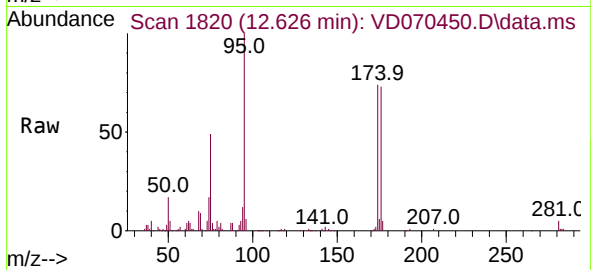
Tgt Ion: 75 Resp: 56199
Ion Ratio Lower Upper
75 100
77 0.9 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.966 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070450.D
 Acq: 24 Sep 2021 13:04

Instrument :
 MSVOA_D
 ClientSampleId :



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

