

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034490.D
 Acq On : 15 Mar 2023 07:48
 Operator : JC/MD
 Sample : 01903-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20230310

Quant Time: Mar 15 08:27:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

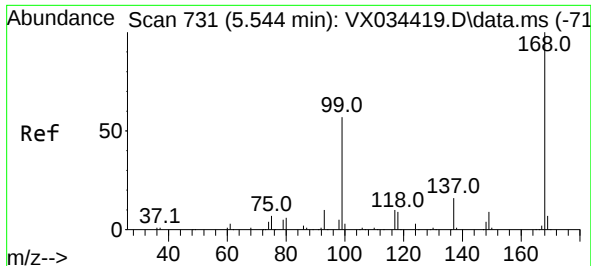
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	239854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	414817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161537	46.294	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.580%		
35) Dibromofluoromethane	5.385	113	131920	48.167	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.340%		
50) Toluene-d8	8.647	98	503490	49.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.480%		
62) 4-Bromofluorobenzene	11.079	95	190910	46.228	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.460%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	140	Below Cal	#	42
9) 1,1,2-Trichlorotrifluo...	2.325	101	663	0.249	ug/l #	79
16) Acetone	2.380	43	1178	0.717	ug/l	99
24) 1,1-Dichloroethane	3.611	63	1276	0.234	ug/l #	81
30) Chloroform	5.093	83	2210	0.413	ug/l #	83
31) Cyclohexane	5.544	56	5678	1.160	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19085	4.537	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24660	5.893	ug/l #	16
44) Trichloroethene	7.129	130	43194	13.509	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	2270	0.503	ug/l #	1
60) Dibromochloromethane	9.275	129	3067	0.967	ug/l #	10
64) Tetrachloroethene	9.275	164	3101	1.248	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	99560	26.431	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	99560	71.504	ug/l #	8

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

Quant Time: Mar 15 08:27:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

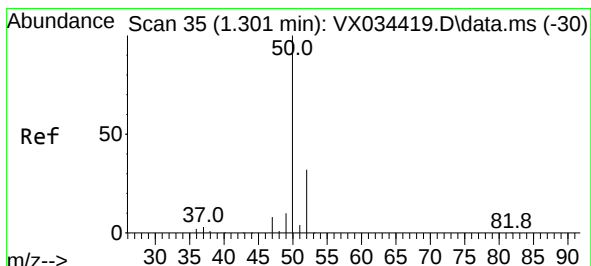
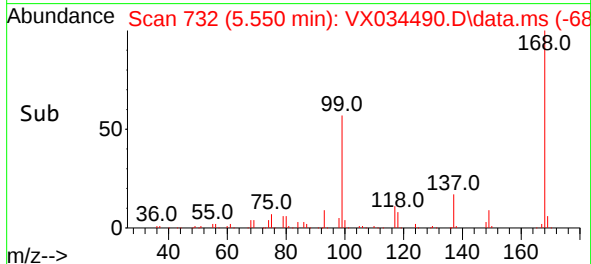
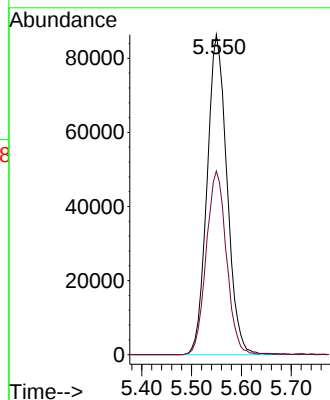
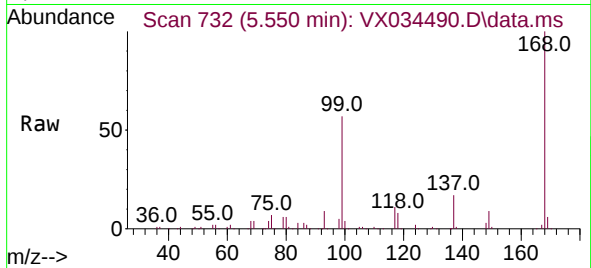




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

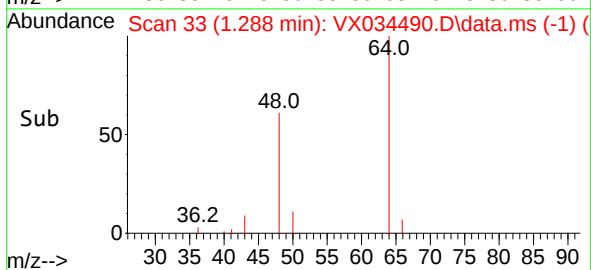
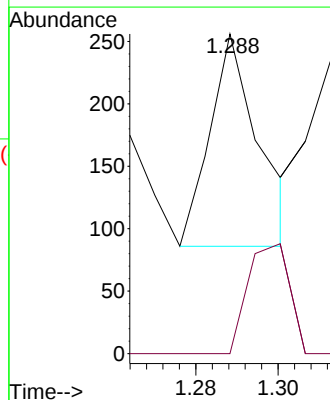
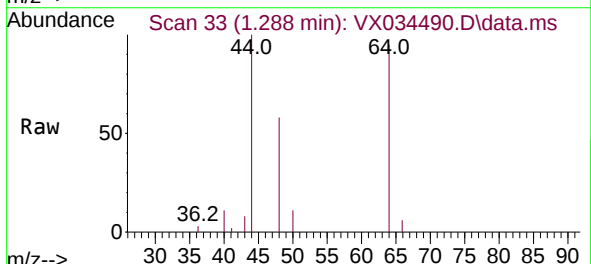
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20230310

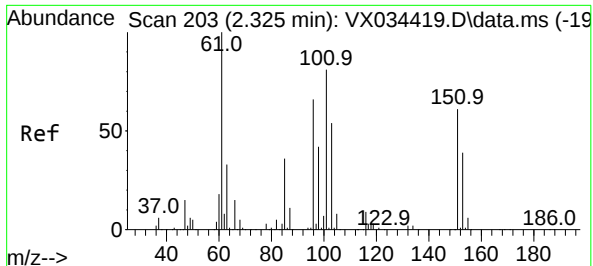
Tgt Ion:168 Resp: 239854
Ion Ratio Lower Upper
168 100
99 57.4 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

Tgt Ion: 50 Resp: 140
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

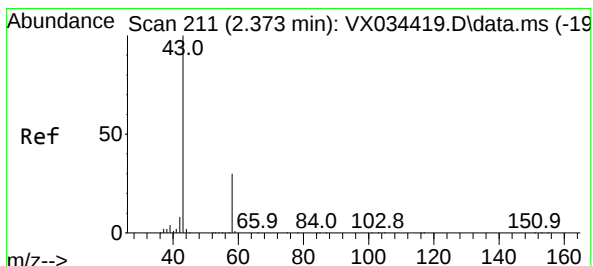
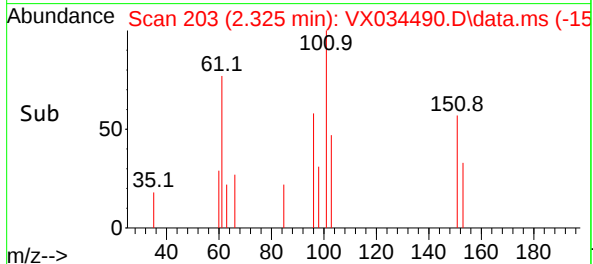
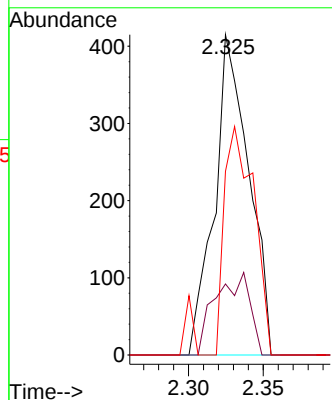
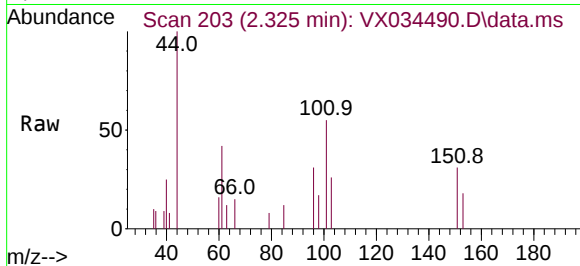




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.249 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

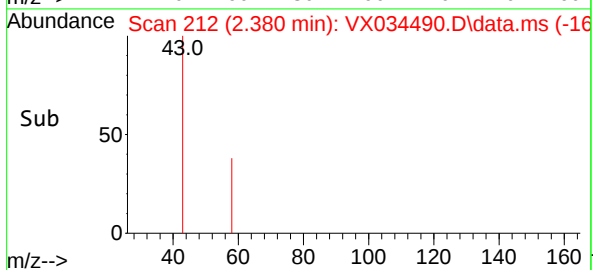
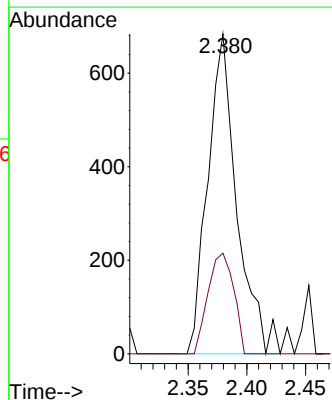
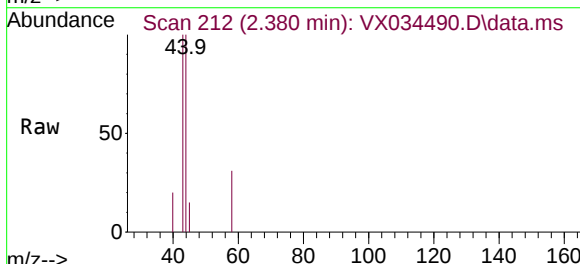
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20230310

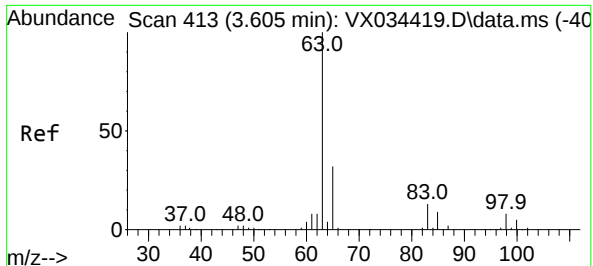
Tgt Ion:101 Resp: 663
Ion Ratio Lower Upper
101 100
85 25.8 35.4 53.2#
151 61.4 60.2 90.4



#16
Acetone
Concen: 0.717 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
58 31.4 24.7 37.1





#24

1,1-Dichloroethane

Concen: 0.234 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX034490.D

Acq: 15 Mar 2023 07:48

Instrument :

MSVOA_X

ClientSampleId :

TT150S1-20230310

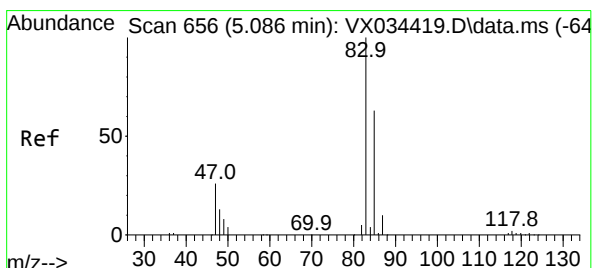
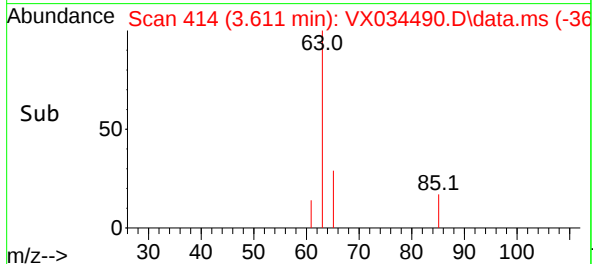
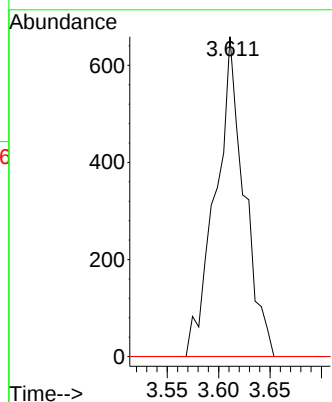
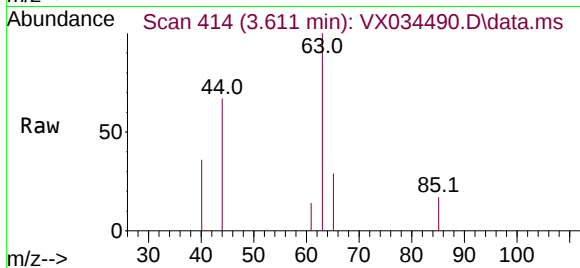
Tgt Ion: 63 Resp: 1276

Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 0.0 2.4 7.1#



#30

Chloroform

Concen: 0.413 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX034490.D

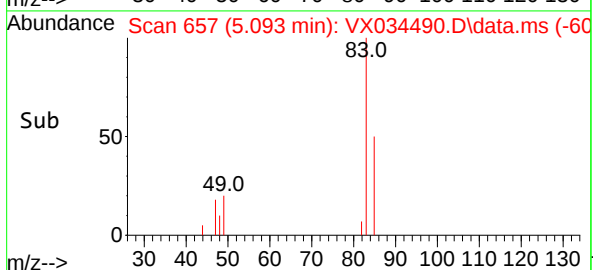
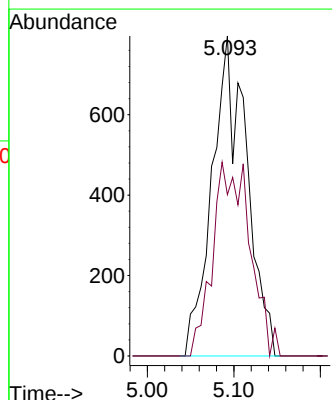
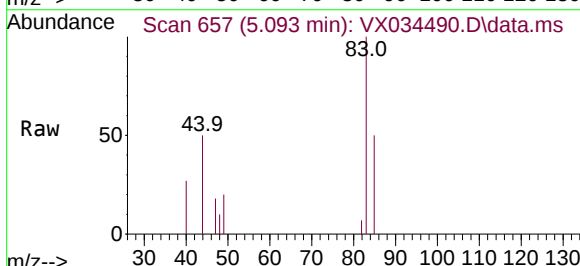
Acq: 15 Mar 2023 07:48

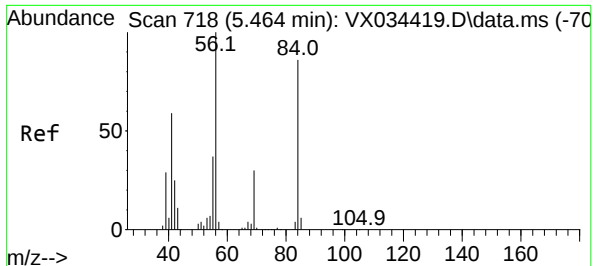
Tgt Ion: 83 Resp: 2210

Ion Ratio Lower Upper

83 100

85 50.4 50.6 76.0#

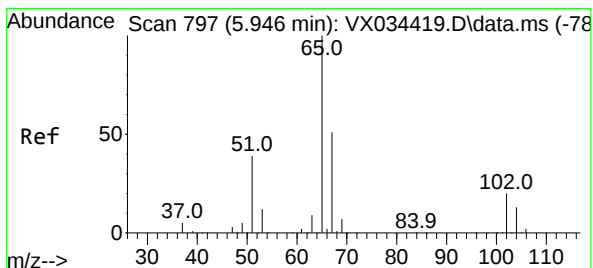
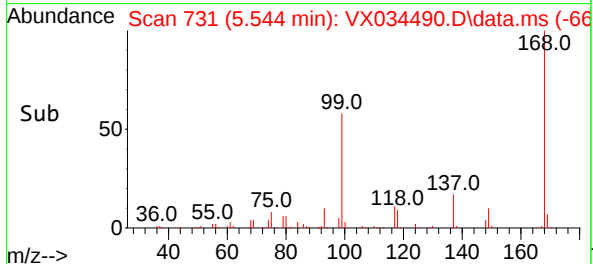
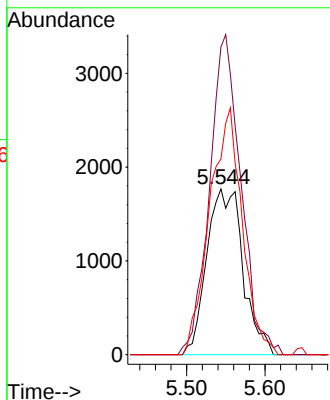
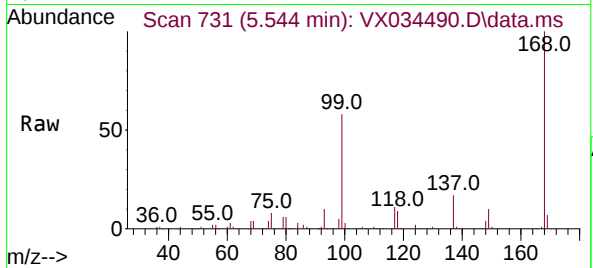




#31
Cyclohexane
Concen: 1.160 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

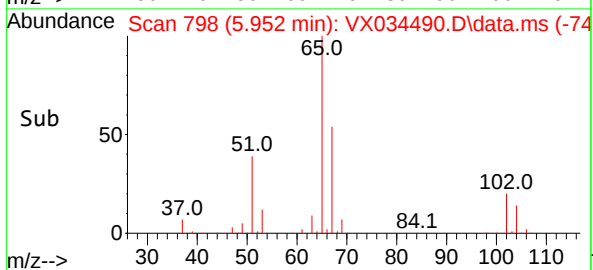
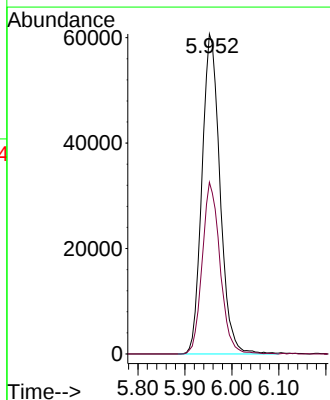
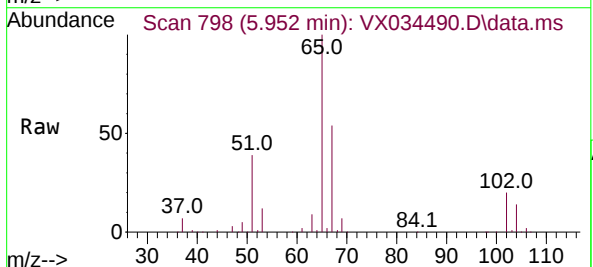
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20230310

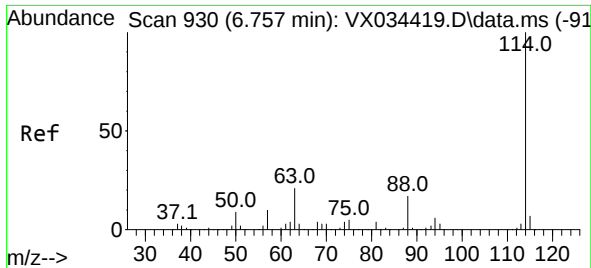
Tgt Ion: 56 Resp: 5678
Ion Ratio Lower Upper
56 100
69 185.5 23.7 35.5#
84 118.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.294 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

Tgt Ion: 65 Resp: 161537
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.0

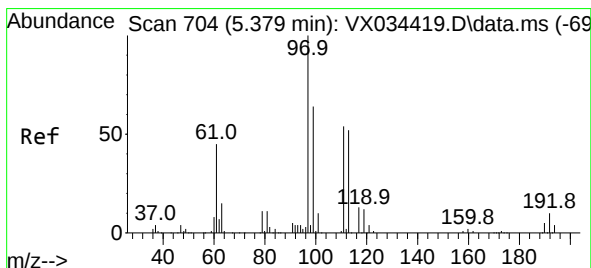
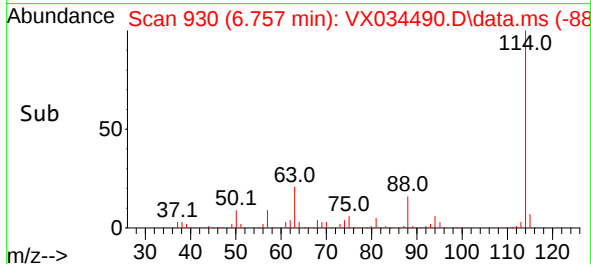
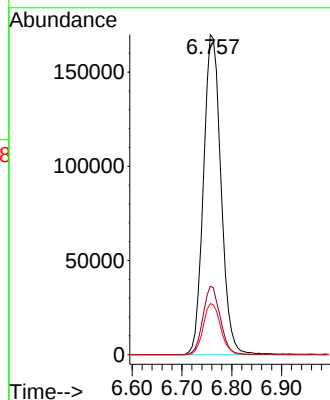
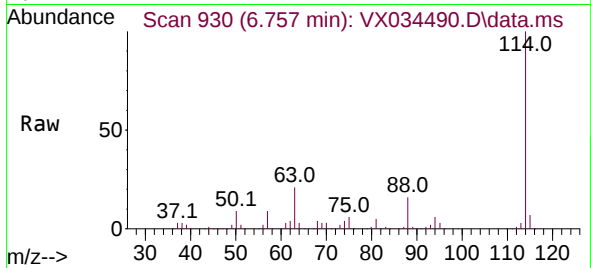




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

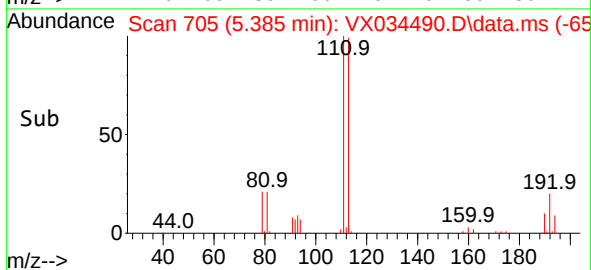
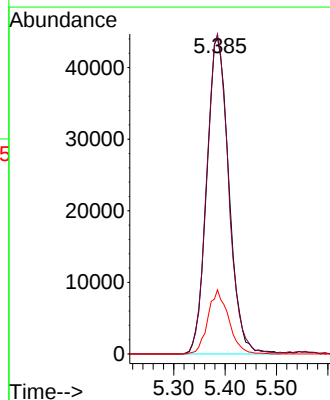
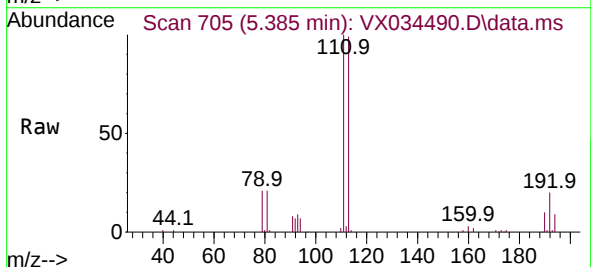
Instrument :
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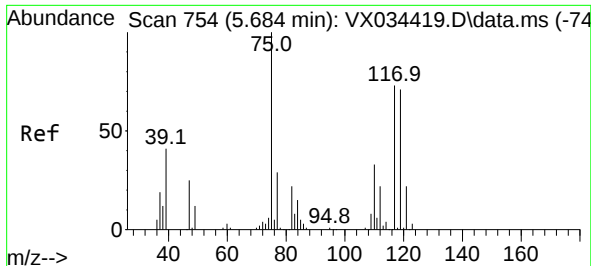
Tgt Ion:114 Resp: 414817
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.167 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

Tgt Ion:113 Resp: 131920
Ion Ratio Lower Upper
113 100
111 99.9 83.7 125.5
192 19.0 15.4 23.2

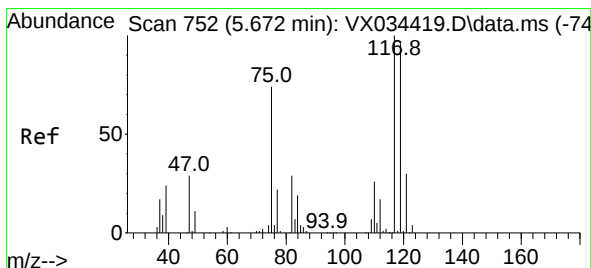
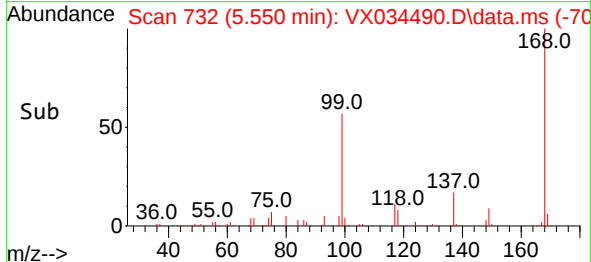
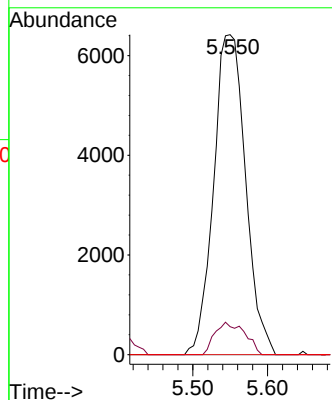
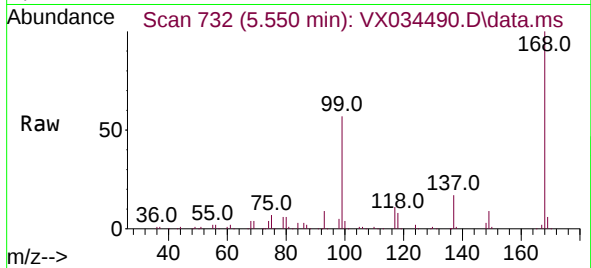




#36
1,1-Dichloropropene
Concen: 4.537 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

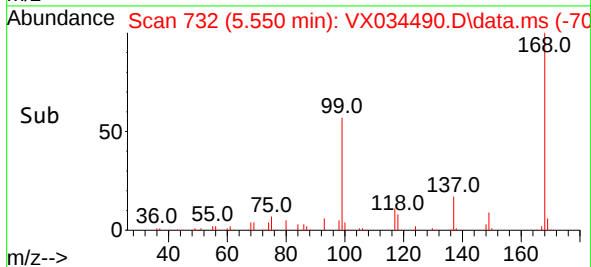
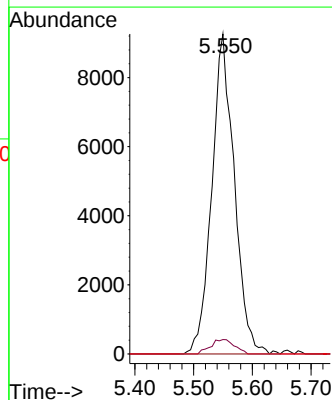
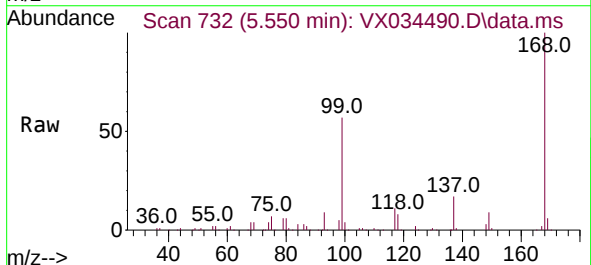
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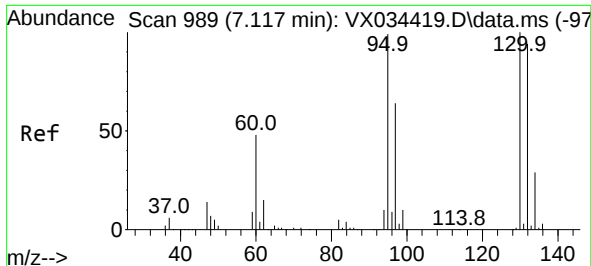
Tgt Ion: 75 Resp: 19085
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.893 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

Tgt Ion: 117 Resp: 24660
Ion Ratio Lower Upper
117 100
119 4.5 76.6 114.8#
121 0.0 23.8 35.6#

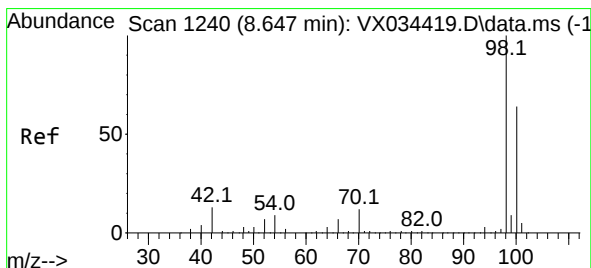
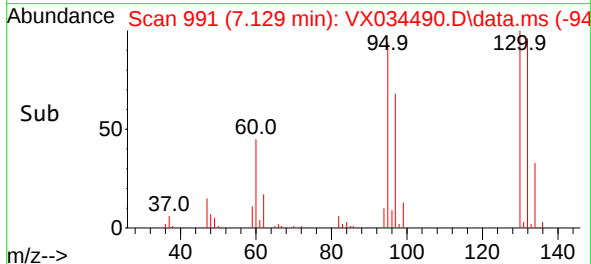
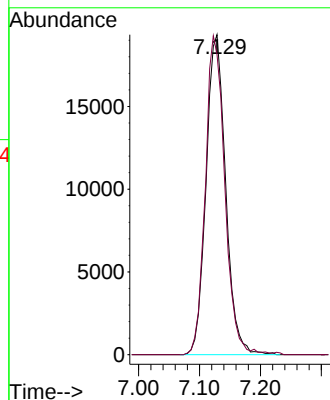
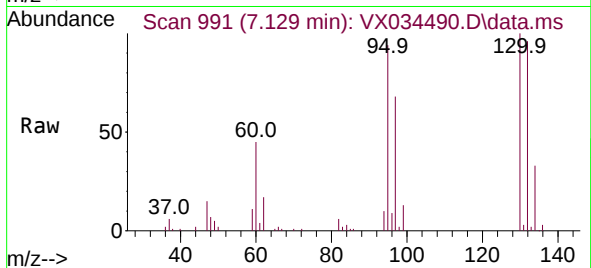




#44
Trichloroethene
Concen: 13.509 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

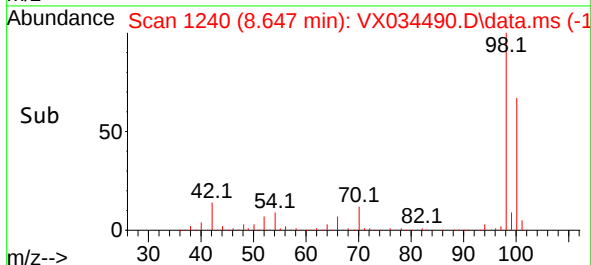
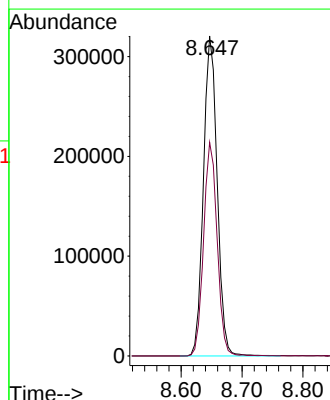
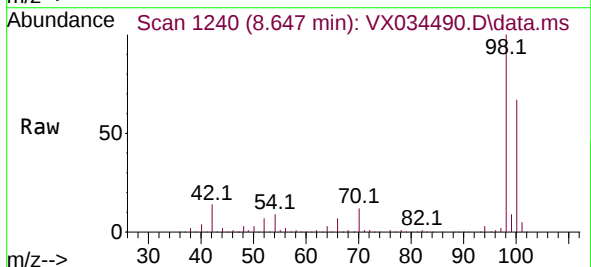
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20230310

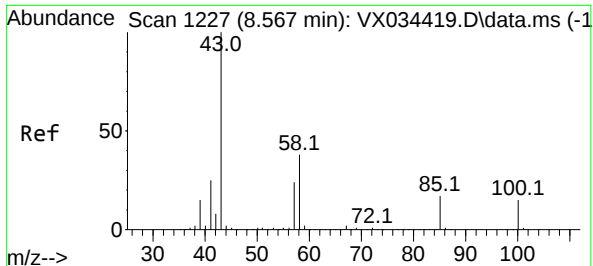
Tgt Ion:130 Resp: 43194
Ion Ratio Lower Upper
130 100
95 93.9 0.0 198.4



#50
Toluene-d8
Concen: 49.245 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

Tgt Ion: 98 Resp: 503490
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

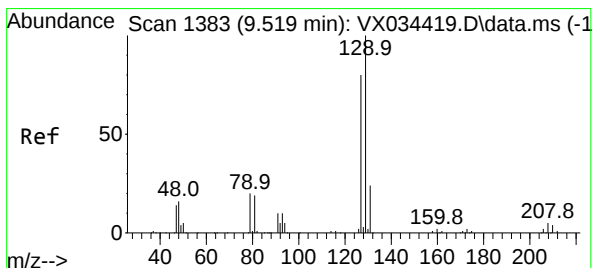
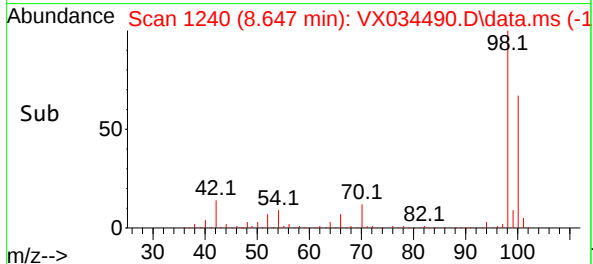
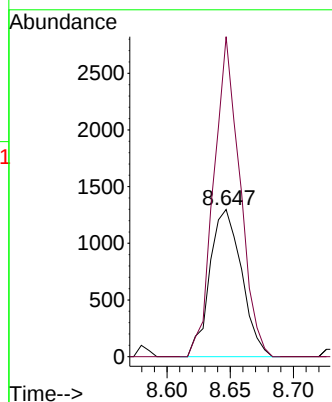
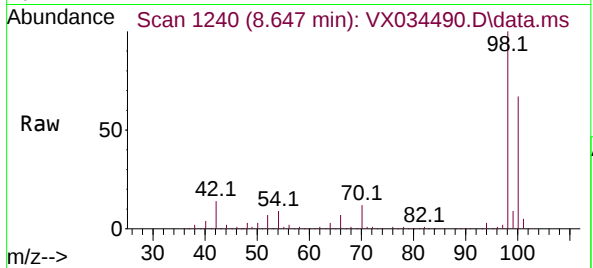




#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

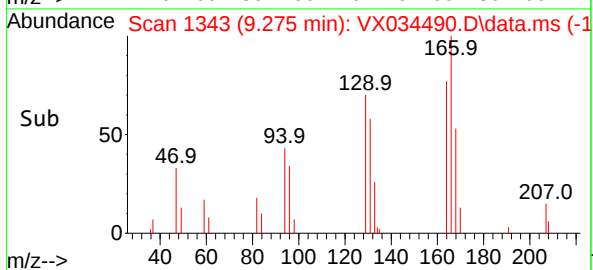
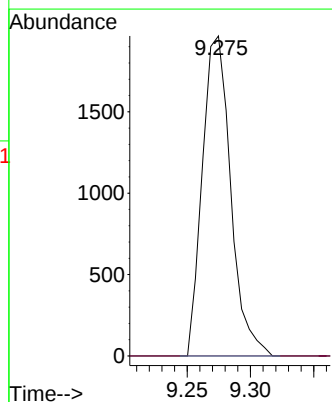
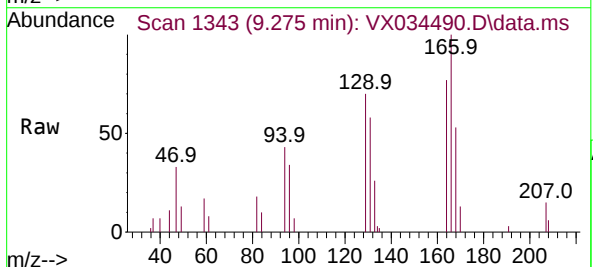
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20230310

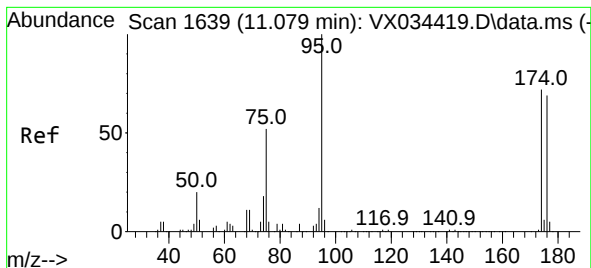
Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
58 178.8 30.6 46.0#



#60
Dibromochloromethane
Concen: 0.967 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

Tgt Ion: 129 Resp: 3067
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

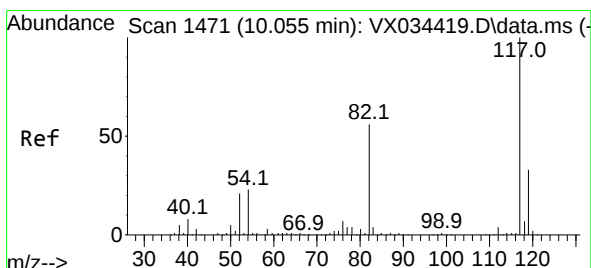
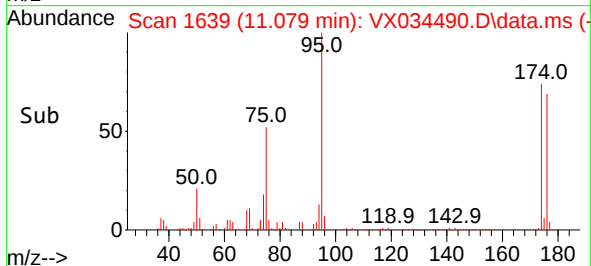
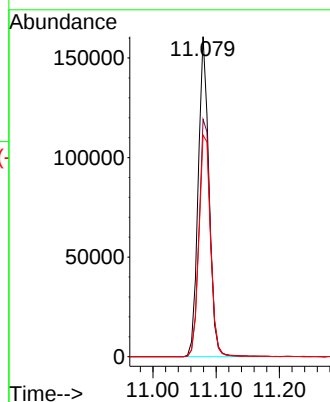
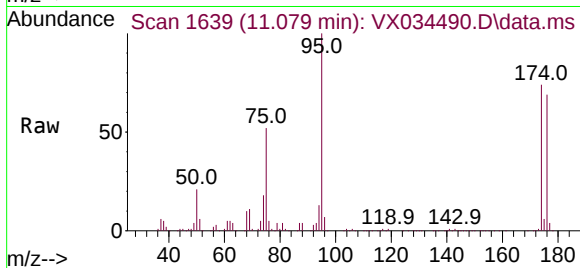




#62
4-Bromofluorobenzene
Concen: 46.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

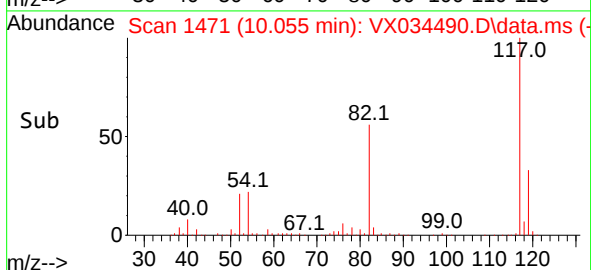
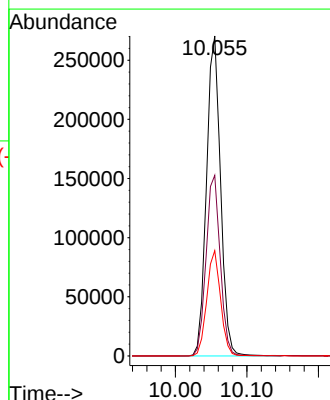
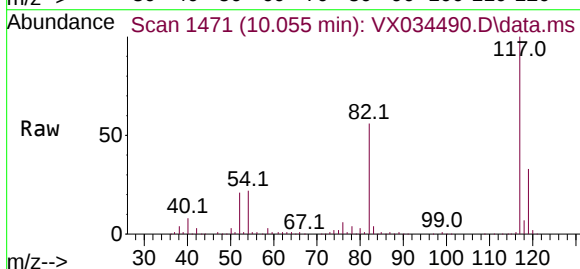
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20230310

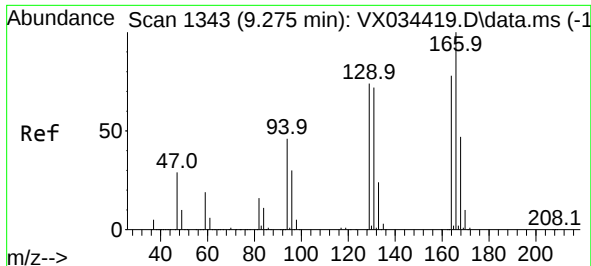
Tgt Ion: 95 Resp: 190910
Ion Ratio Lower Upper
95 100
174 78.3 0.0 147.4
176 74.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034490.D
Acq: 15 Mar 2023 07:48

Tgt Ion: 117 Resp: 369763
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 32.9 26.0 39.0





#64

Tetrachloroethene

Concen: 1.248 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034490.D

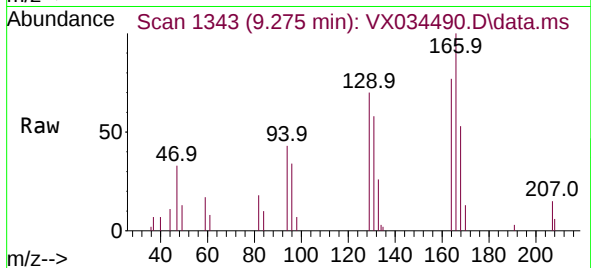
Acq: 15 Mar 2023 07:48

Instrument :

MSVOA_X

ClientSampleId :

TT150S1-20230310



Tgt Ion:164 Resp: 3101

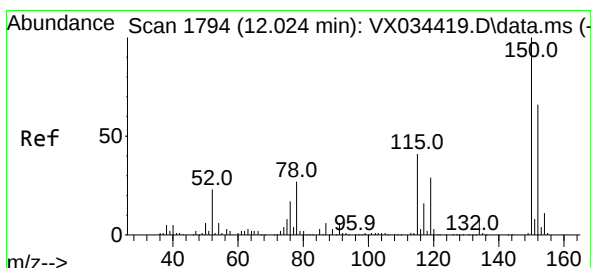
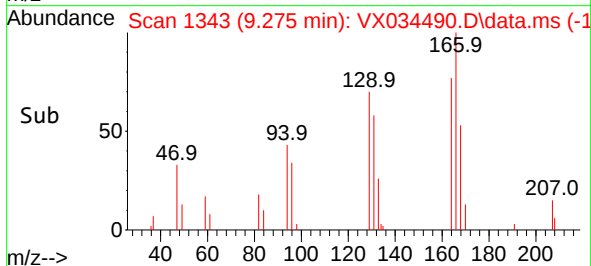
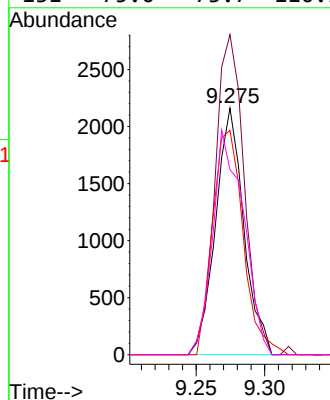
Ion Ratio Lower Upper

164 100

166 129.7 102.7 154.1

129 90.9 75.6 113.4

131 75.0 73.7 110.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034490.D

Acq: 15 Mar 2023 07:48

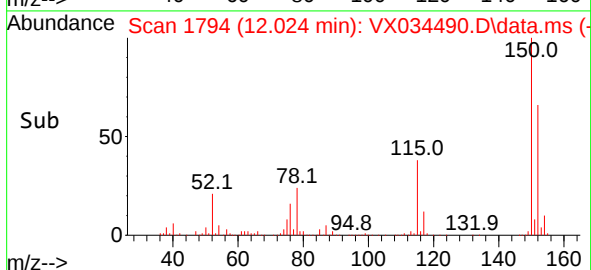
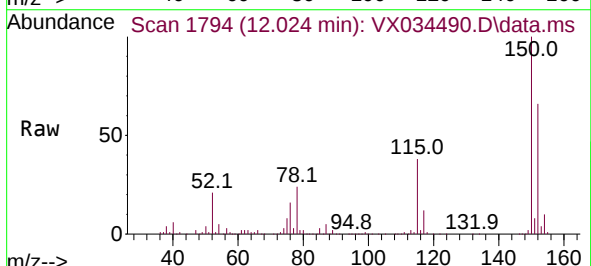
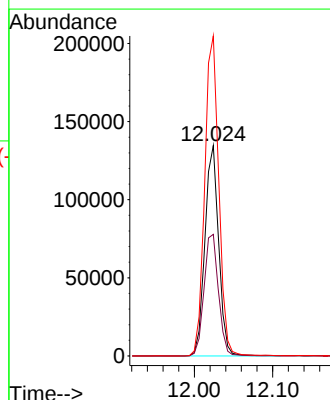
Tgt Ion:152 Resp: 164049

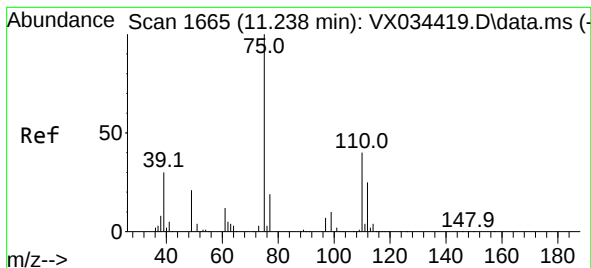
Ion Ratio Lower Upper

152 100

115 60.7 45.0 135.0

150 155.5 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 26.431 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034490.D

Acq: 15 Mar 2023 07:48

Instrument :

MSVOA_X

ClientSampleId :

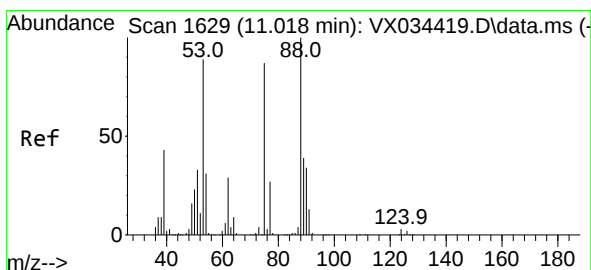
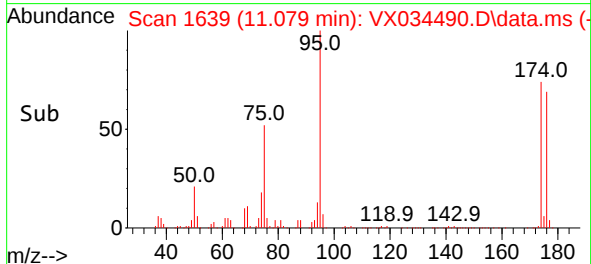
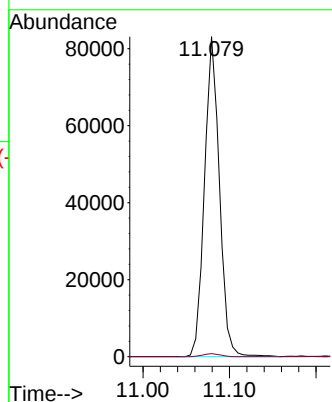
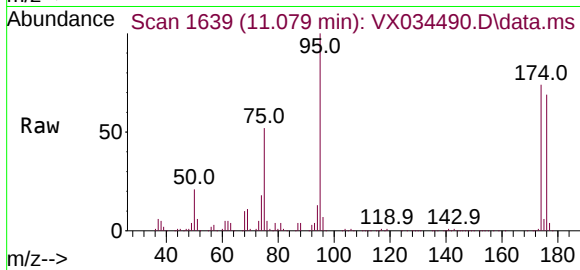
TT150S1-20230310

Tgt Ion: 75 Resp: 99560

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.504 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034490.D

Acq: 15 Mar 2023 07:48

Tgt Ion: 75 Resp: 99560

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

