

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037412.D
 Acq On : 31 Aug 2023 07:27
 Operator : JC/MD
 Sample : 04128-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 31 09:23:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

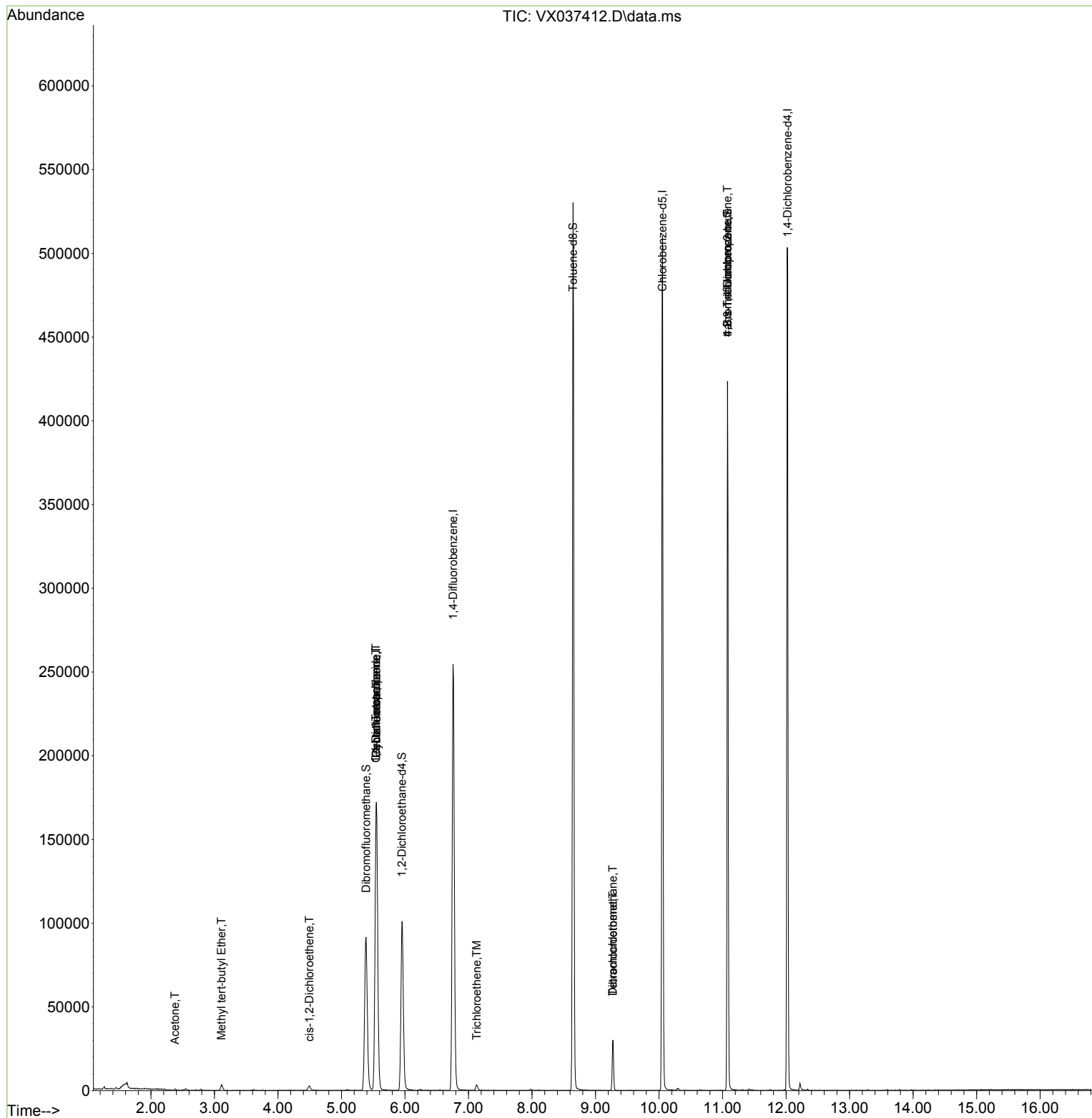
Internal Standards						
1) Pentafluorobenzene	5.549	168	165453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	274190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99865	41.867	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.740%
35) Dibromofluoromethane	5.385	113	82280	45.311	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.620%
50) Toluene-d8	8.646	98	319014	48.431	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.860%
62) 4-Bromofluorobenzene	11.079	95	117010	45.202	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	881	0.944	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	3981	0.616	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	1899	0.832	ug/l	81
31) Cyclohexane	5.549	56	3057	1.140	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	12825	4.971	ug/l #	52
38) Carbon Tetrachloride	5.543	117	17728	6.326	ug/l #	16
44) Trichloroethene	7.128	130	1660	0.791	ug/l	74
60) Dibromochloromethane	9.274	129	5712	2.695	ug/l #	11
64) Tetrachloroethene	9.274	164	5880	3.317	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	57267	24.111	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57267	67.344	ug/l #	5

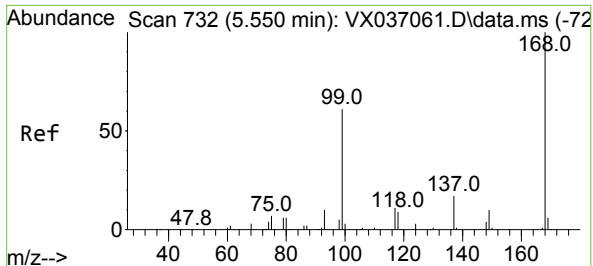
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
Data File : VX037412.D
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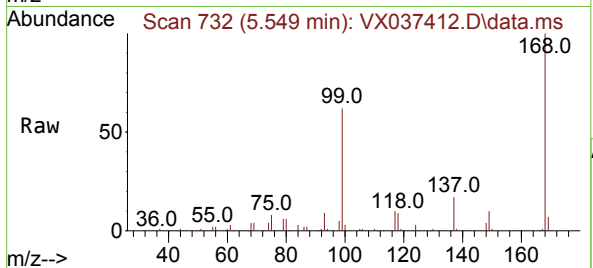
Quant Time: Aug 31 09:23:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



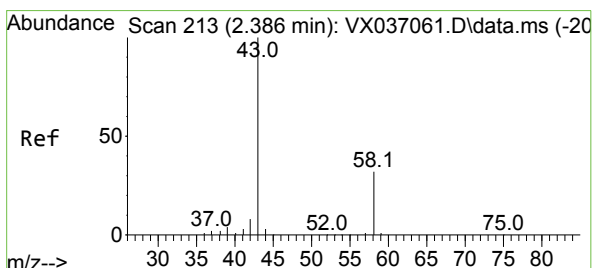
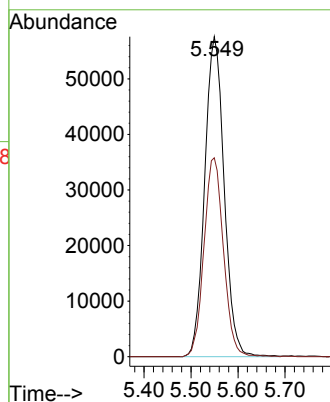
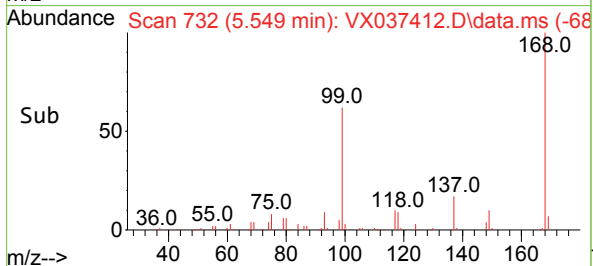


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

Instrument :
MSVOA_X
ClientSampleId :

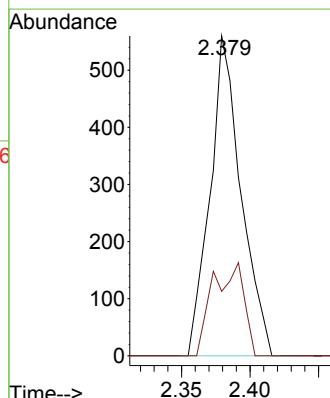
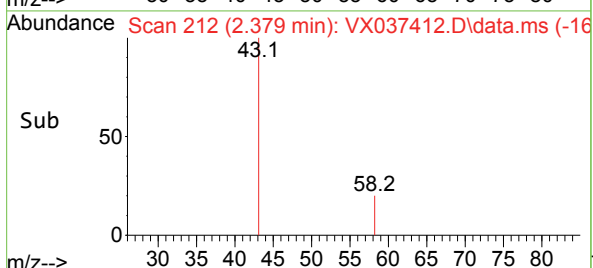
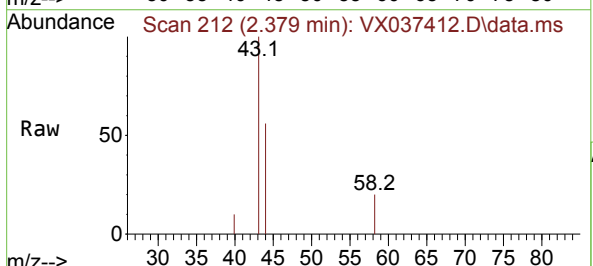


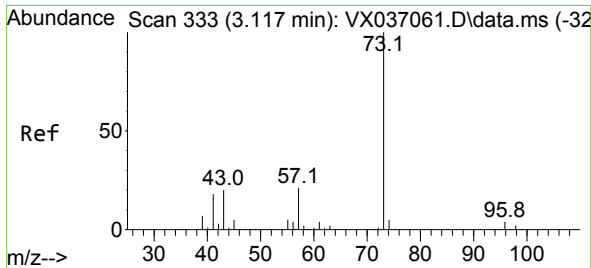
Tgt Ion:168 Resp: 165453
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#16
Acetone
Concen: 0.944 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

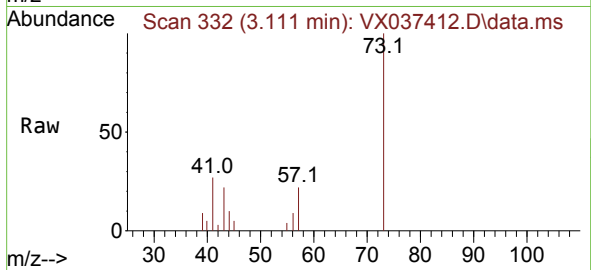
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 20.2 21.9 32.9#



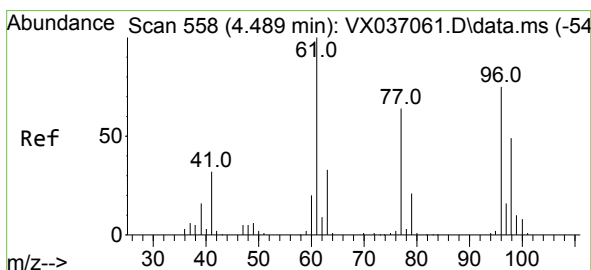
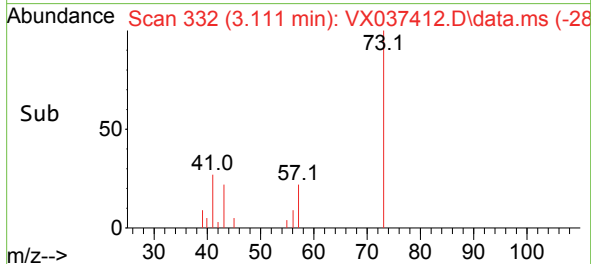
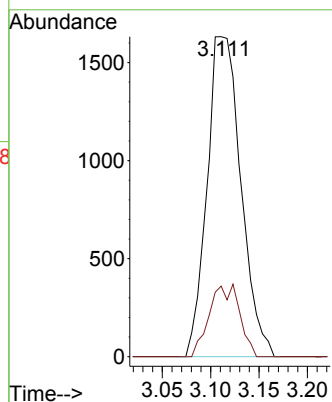


#19
Methyl tert-butyl Ether
Concen: 0.616 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

Instrument :
MSVOA_X
ClientSampleId :

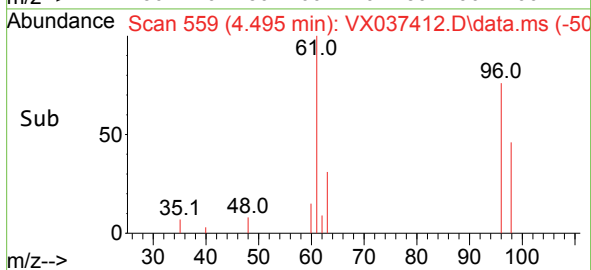
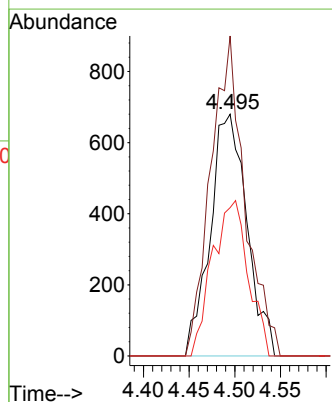
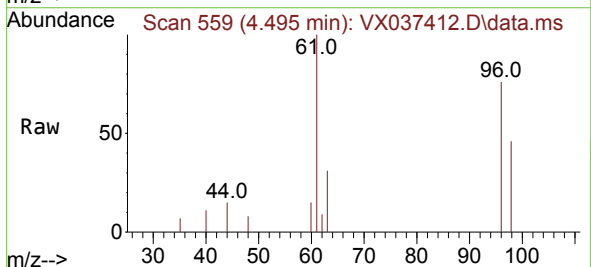


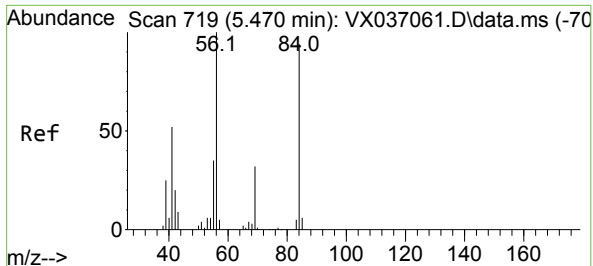
Tgt Ion: 73 Resp: 3981
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#27
cis-1,2-Dichloroethene
Concen: 0.832 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

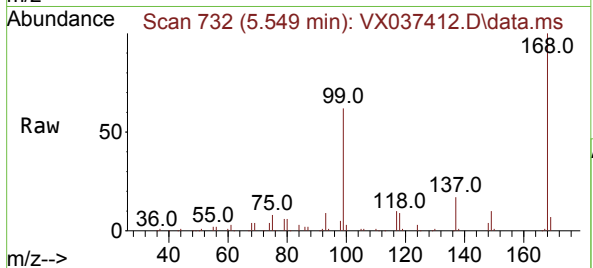
Tgt Ion: 96 Resp: 1899
Ion Ratio Lower Upper
96 100
61 123.1 0.0 312.2
98 62.8 0.0 129.0



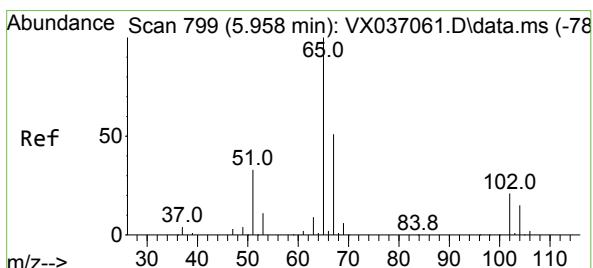
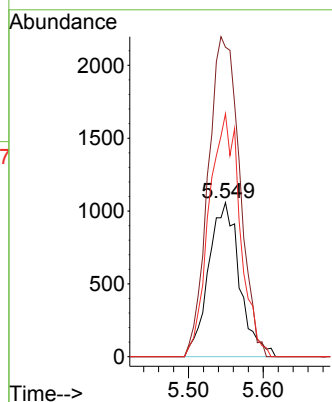
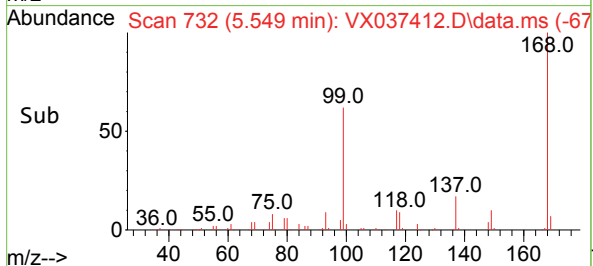


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

Instrument :
MSVOA_X
ClientSampleId :

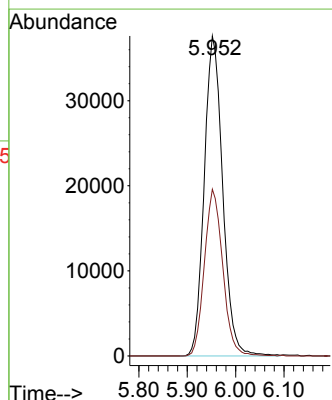
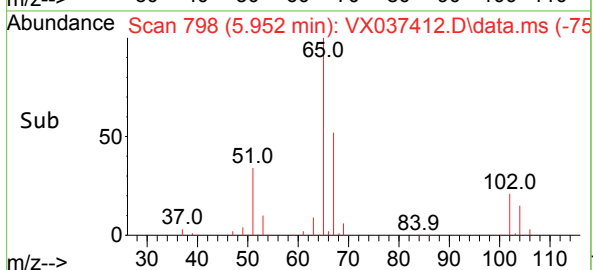
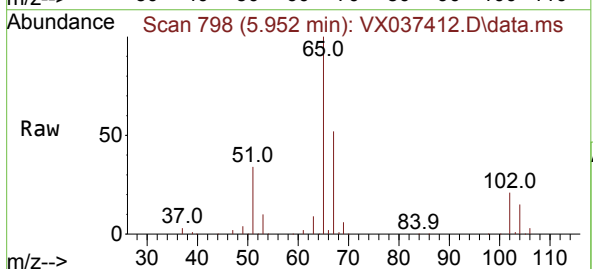


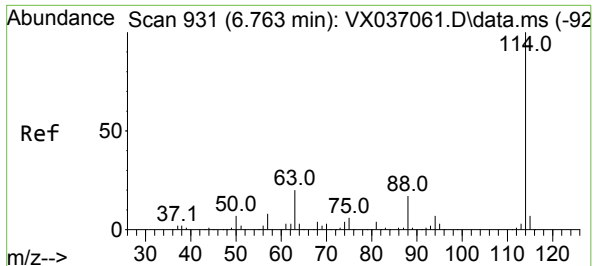
Tgt Ion: 56 Resp: 3057
Ion Ratio Lower Upper
56 100
69 200.8 23.4 35.2#
84 157.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.867 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

Tgt Ion: 65 Resp: 99865
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

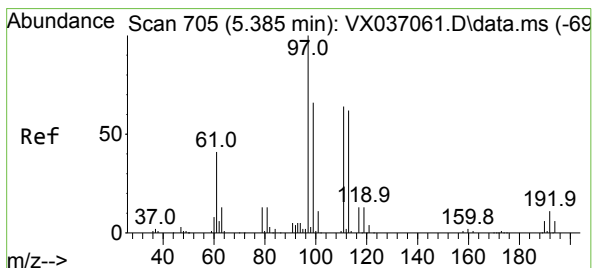
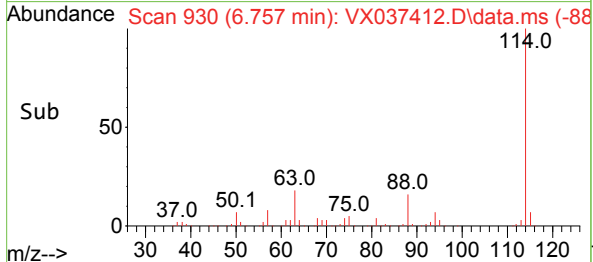
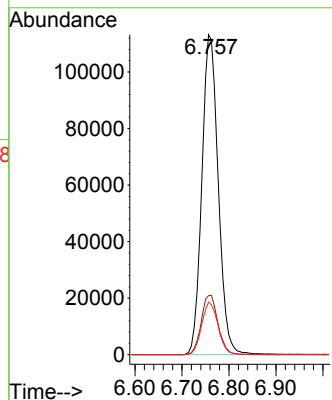
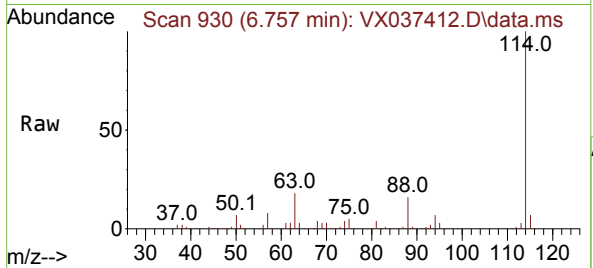




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

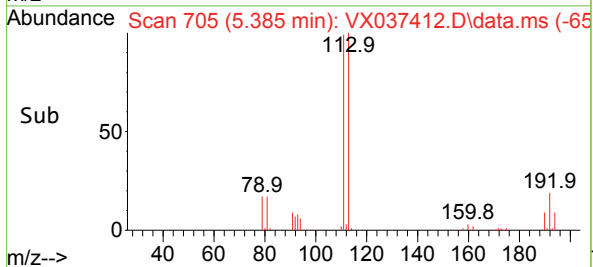
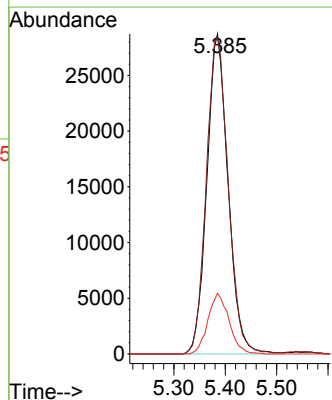
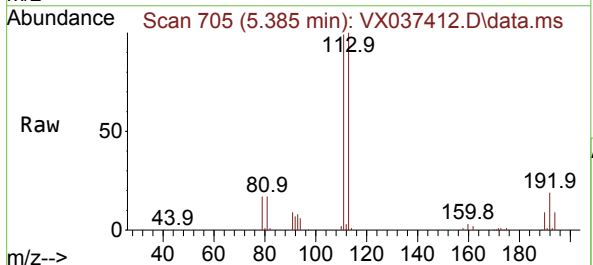
Instrument :
MSVOA_X
ClientSampleId :

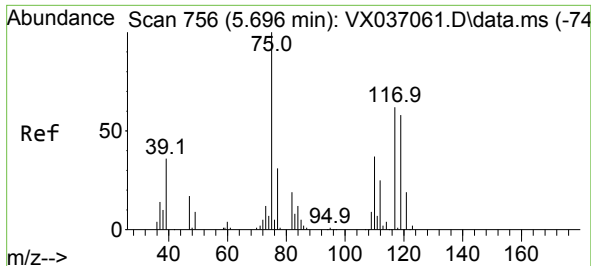
Tgt Ion:114 Resp: 274190
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.311 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

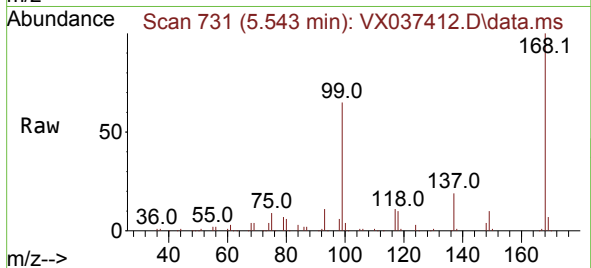
Tgt Ion:113 Resp: 82280
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.9 13.3 19.9



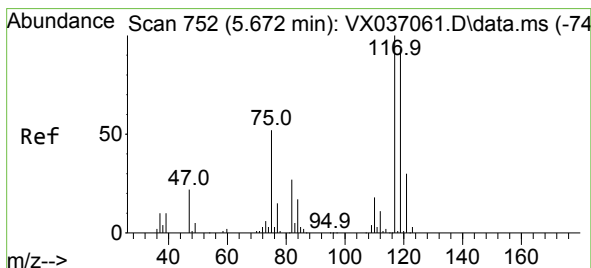
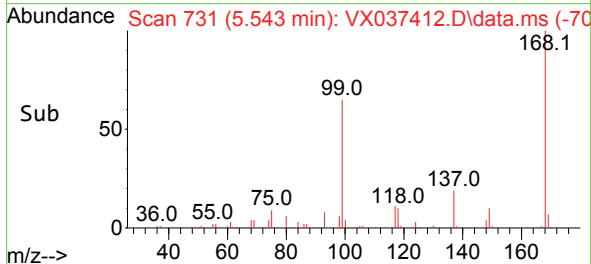
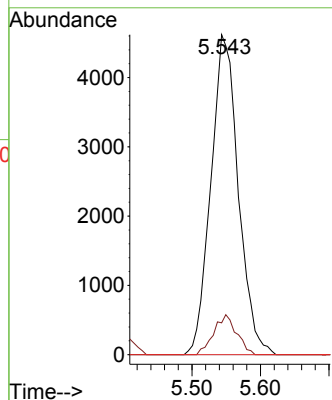


#36
1,1-Dichloropropene
Concen: 4.971 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.153 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

Instrument :
MSVOA_X
ClientSampleId :

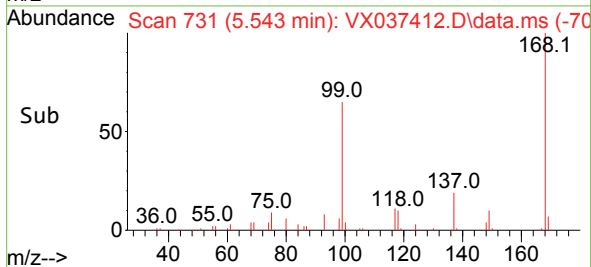
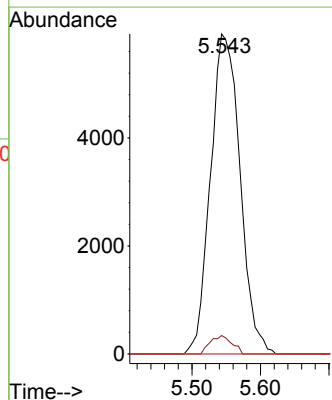
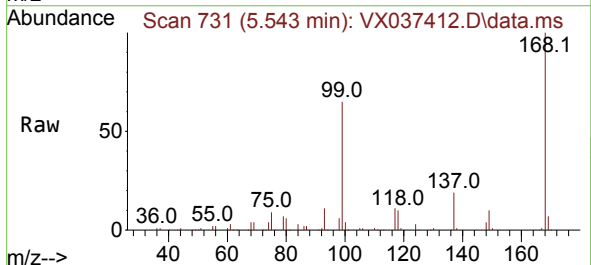


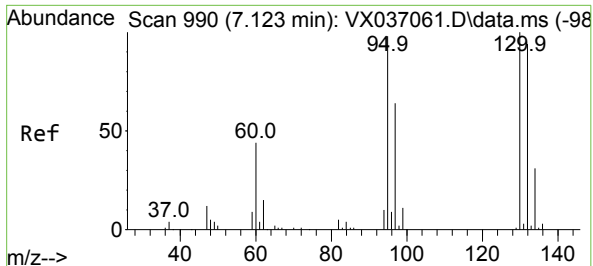
Tgt Ion: 75 Resp: 12825
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.326 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

Tgt Ion: 117 Resp: 17728
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#

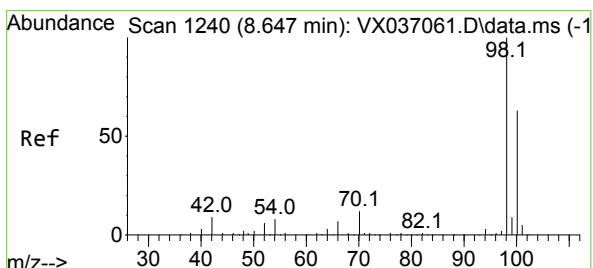
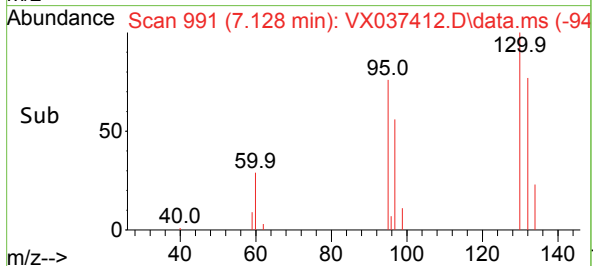
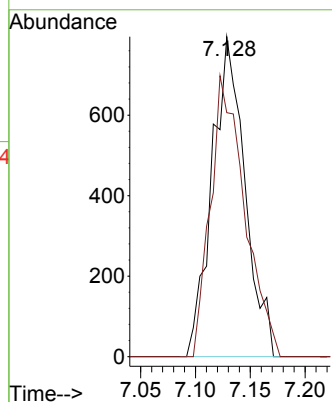
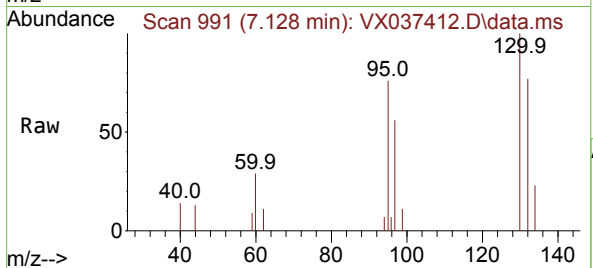




#44
Trichloroethene
Concen: 0.791 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

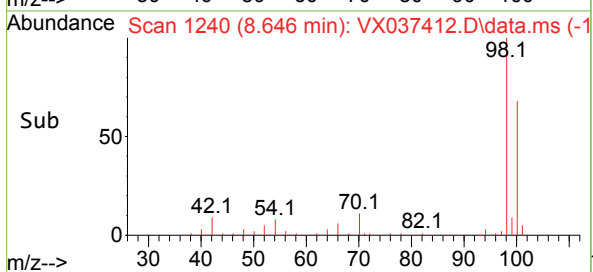
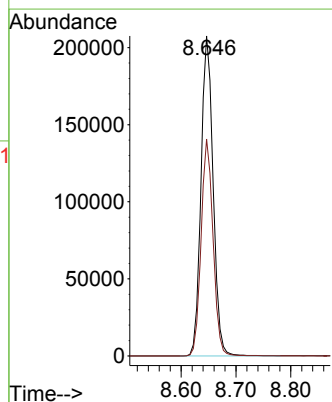
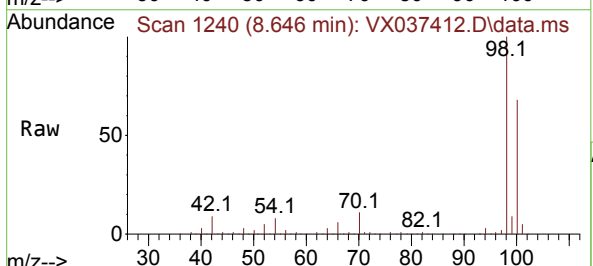
Instrument :
MSVOA_X
ClientSampleId :

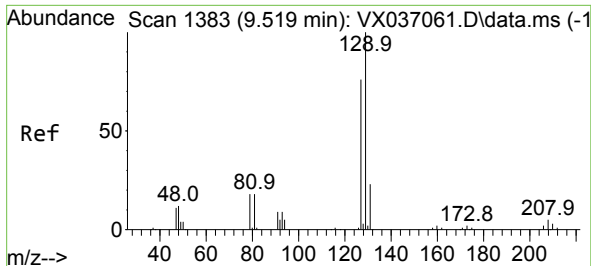
Tgt Ion:130 Resp: 1660
Ion Ratio Lower Upper
130 100
95 76.2 0.0 204.4



#50
Toluene-d8
Concen: 48.431 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

Tgt Ion: 98 Resp: 319014
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

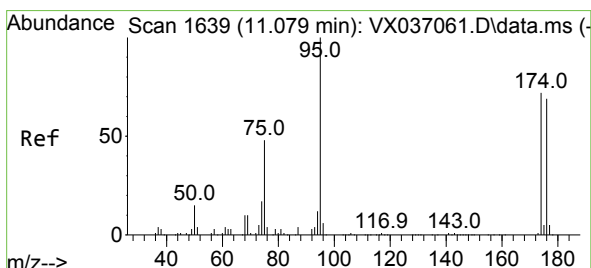
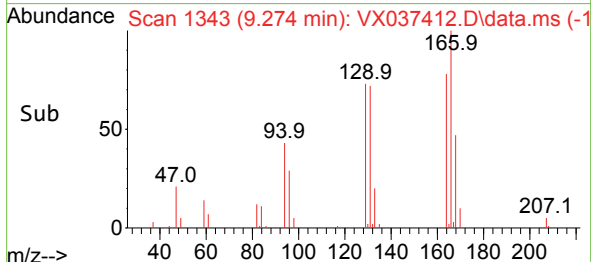
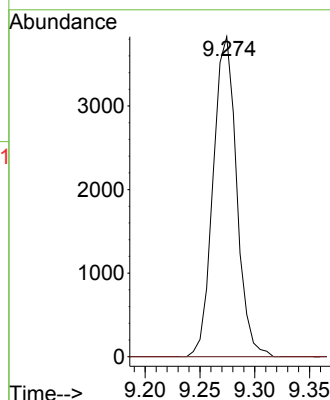
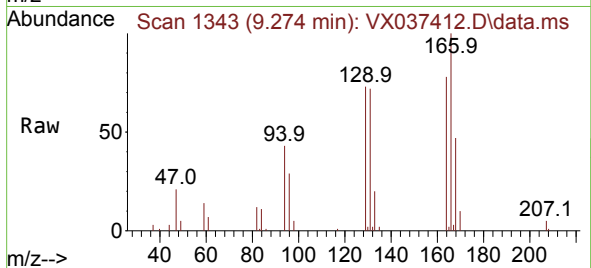




#60
Dibromochloromethane
Concen: 2.695 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

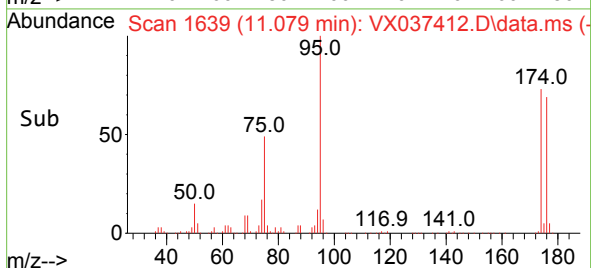
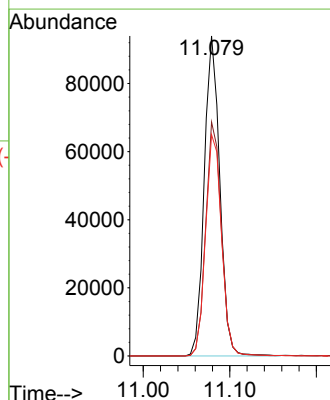
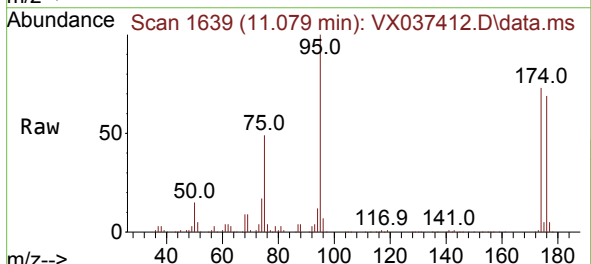
Instrument :
MSVOA_X
ClientSampleId :

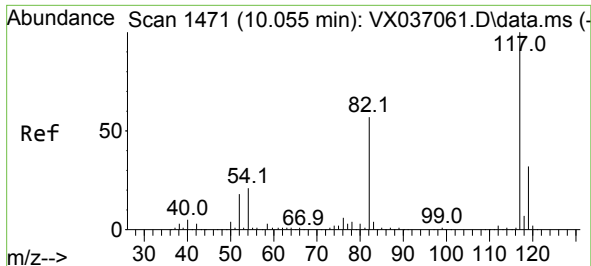
Tgt Ion:129 Resp: 5712
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

Tgt Ion: 95 Resp: 117010
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 71.3 0.0 131.0

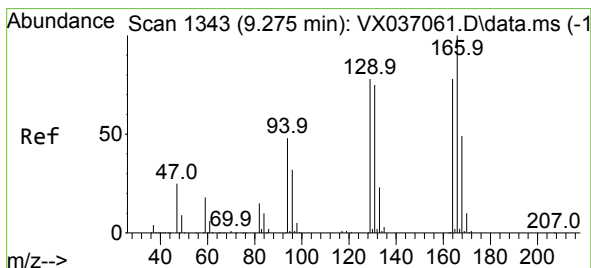
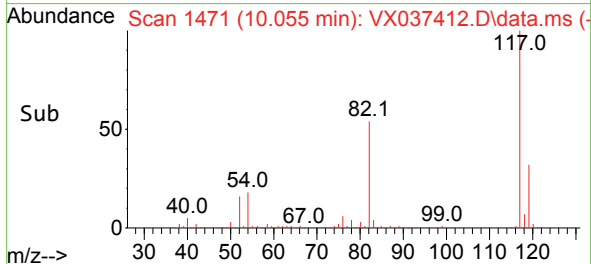
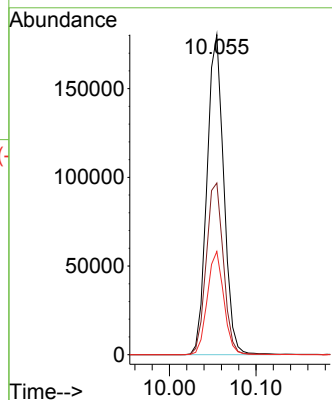
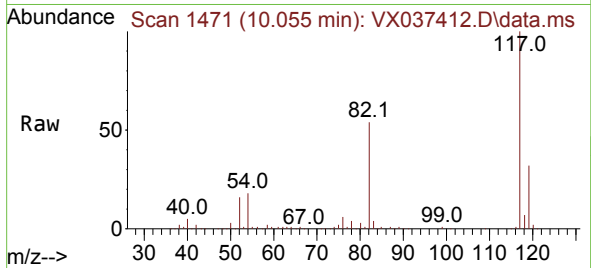




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

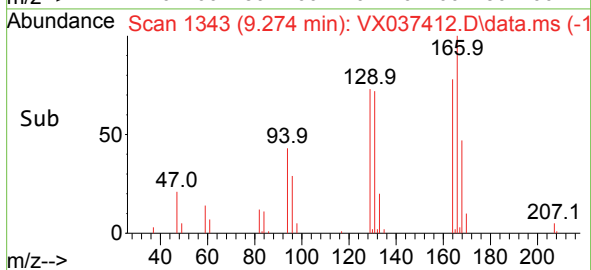
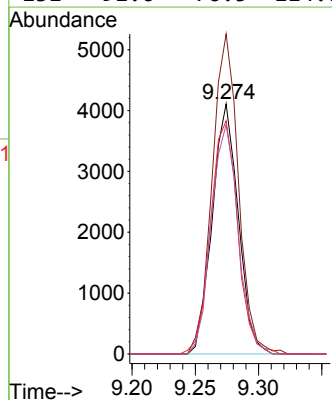
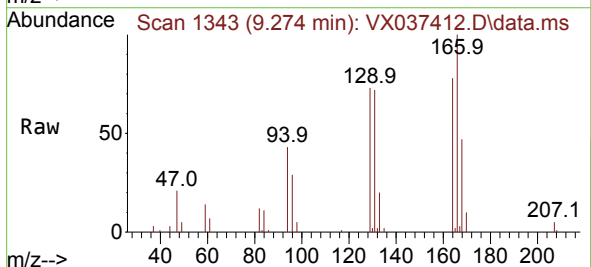
Instrument :
MSVOA_X
ClientSampleId :

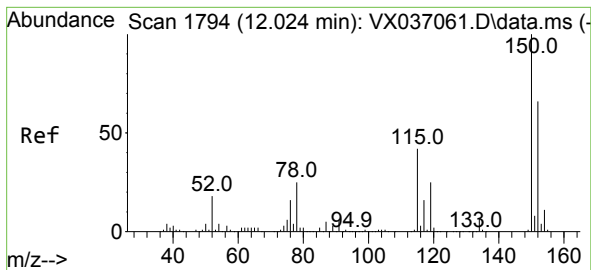
Tgt Ion:117 Resp: 242975
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 3.317 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037412.D
Acq: 31 Aug 2023 07:27

Tgt Ion:164 Resp: 5880
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 93.2 80.4 120.6
131 91.6 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037412.D

Acq: 31 Aug 2023 07:27

Instrument :

MSVOA_X

ClientSampleId :

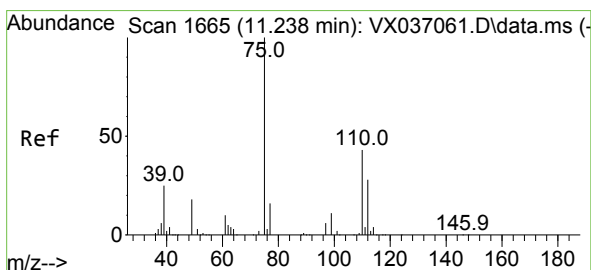
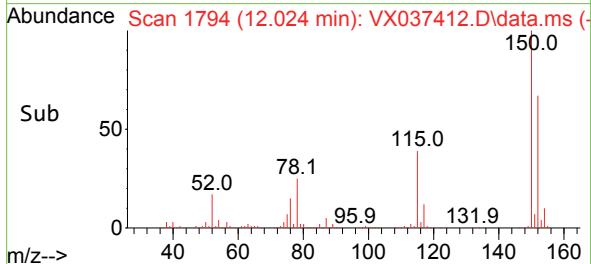
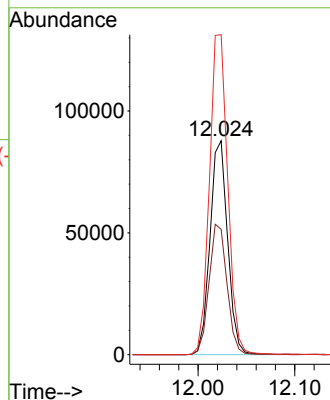
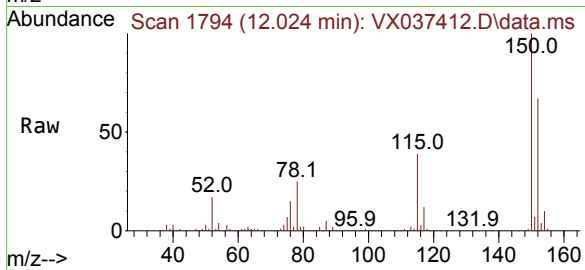
Tgt Ion:152 Resp: 111525

Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 155.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.111 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037412.D

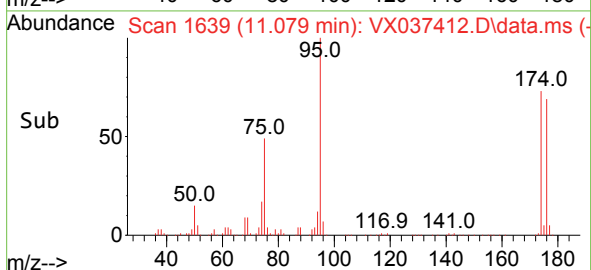
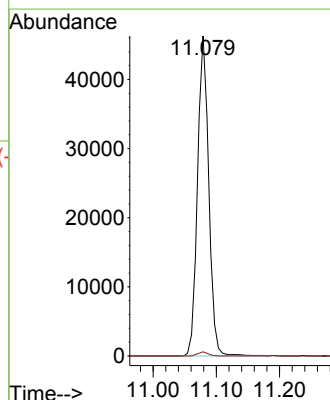
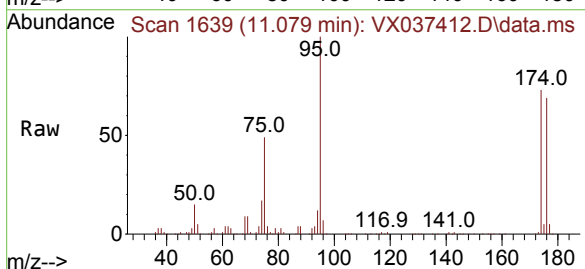
Acq: 31 Aug 2023 07:27

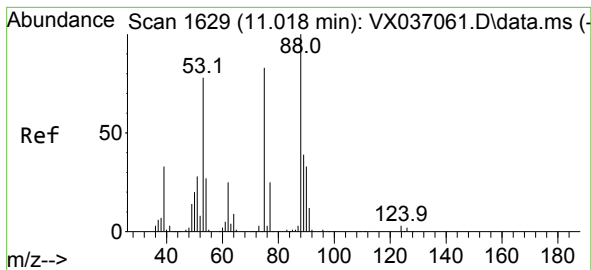
Tgt Ion: 75 Resp: 57267

Ion Ratio Lower Upper

75 100

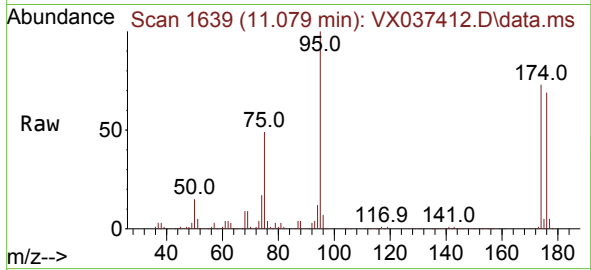
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.344 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037412.D
 Acq: 31 Aug 2023 07:27

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 57267
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

