

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037512.D
 Acq On : 05 Sep 2023 15:09
 Operator : JC/MD
 Sample : 04269-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 06 02:55:16 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)

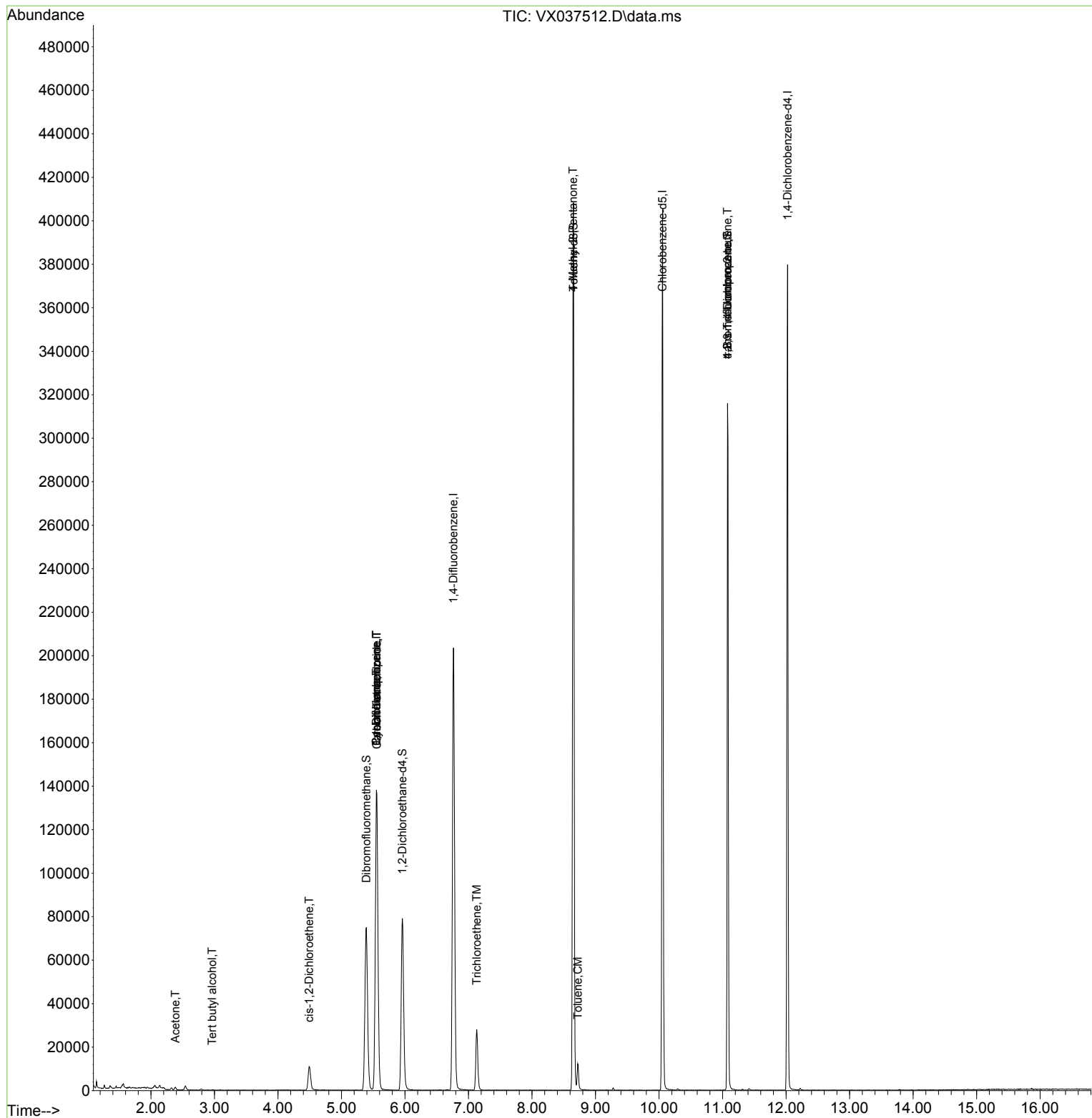
Internal Standards						
1) Pentafluorobenzene	5.550	168	130395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78036	41.511	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.020%
35) Dibromofluoromethane	5.391	113	67260	46.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.480%
50) Toluene-d8	8.653	98	254987	48.848	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.700%
62) 4-Bromofluorobenzene	11.079	95	90477	44.105	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	108	0.245	ug/l #	78
16) Acetone	2.386	43	1439	1.957	ug/l #	87
27) cis-1,2-Dichloroethene	4.489	96	7845	4.361	ug/l	79
31) Cyclohexane	5.550	56	2456	1.162	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9944	4.864	ug/l #	52
38) Carbon Tetrachloride	5.556	117	13810	6.218	ug/l #	17
44) Trichloroethene	7.129	130	11767	7.077	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	941	0.467	ug/l #	1
52) Toluene	8.720	92	4976	1.284	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	43547	24.777	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43547	69.204	ug/l #	5

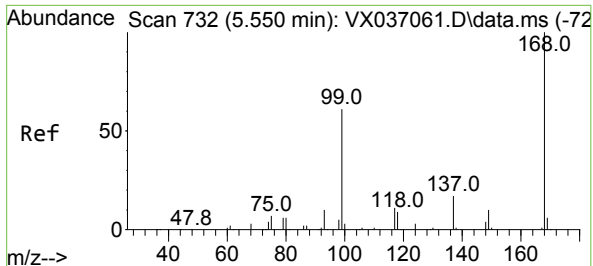
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
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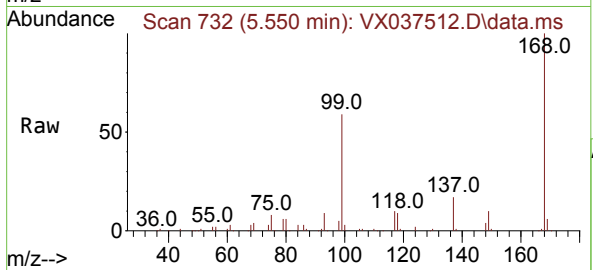
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



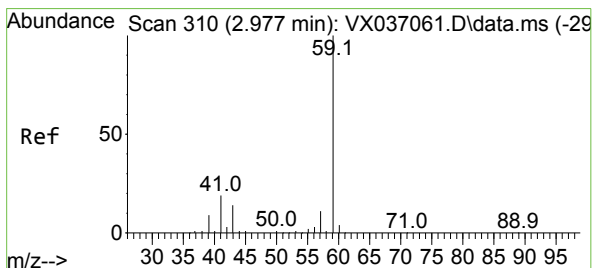
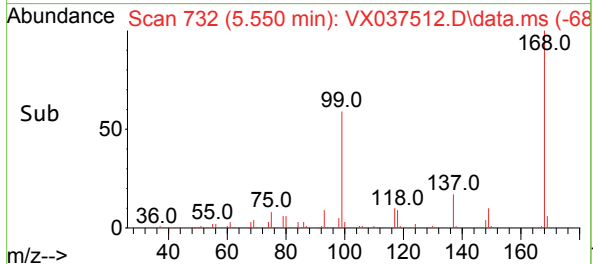
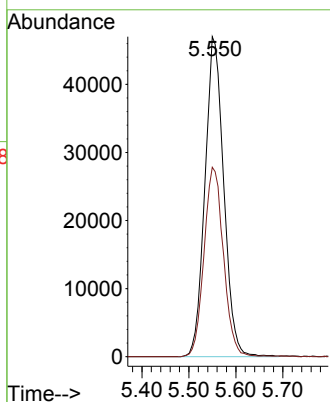


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :

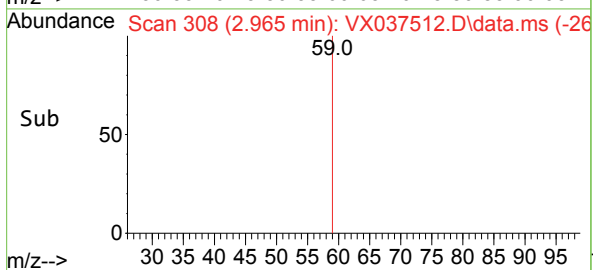
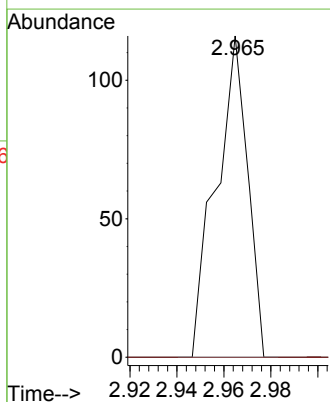
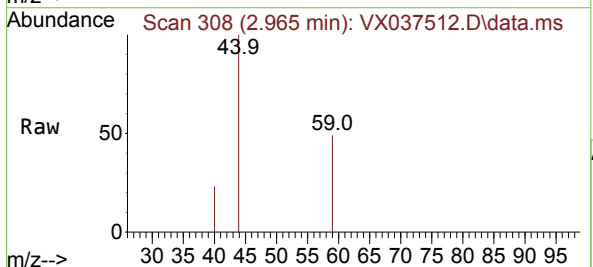


Tgt Ion:168 Resp: 130395
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.245 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

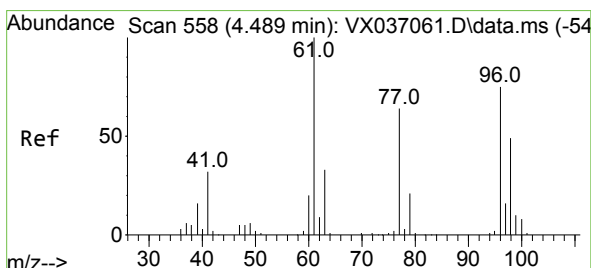
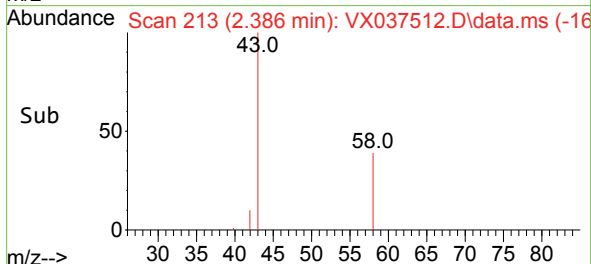
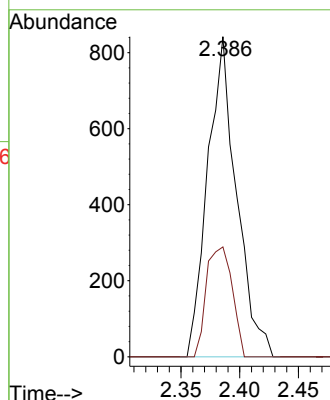
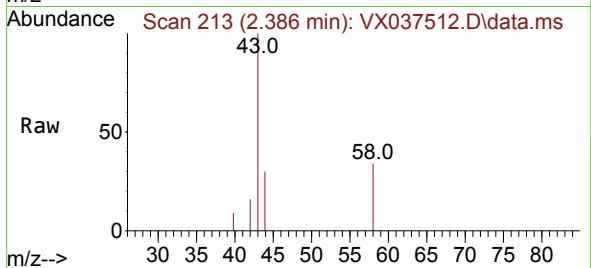




#16
Acetone
Concen: 1.957 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

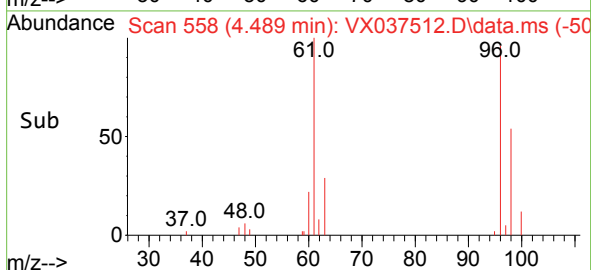
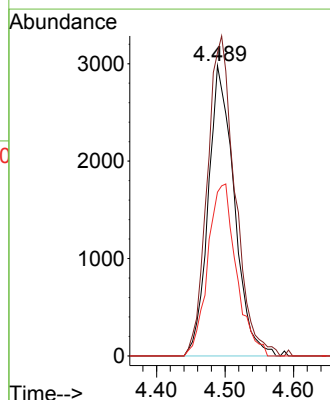
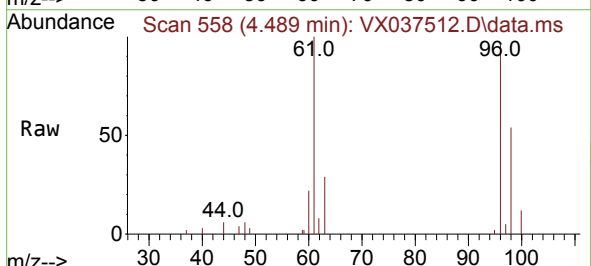
Instrument :
MSVOA_X
ClientSampleId :

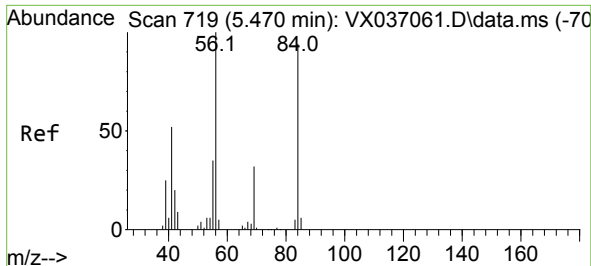
Tgt Ion: 43 Resp: 1439
Ion Ratio Lower Upper
43 100
58 34.3 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 4.361 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

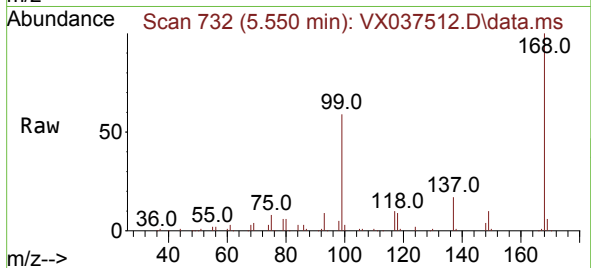
Tgt Ion: 96 Resp: 7845
Ion Ratio Lower Upper
96 100
61 117.8 0.0 312.2
98 64.9 0.0 129.0



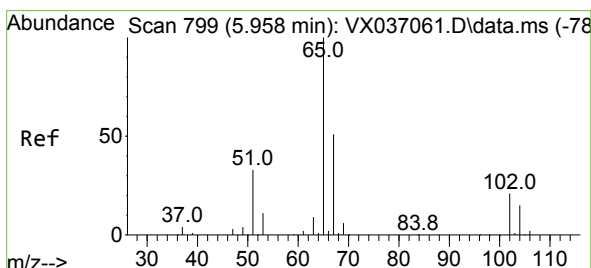
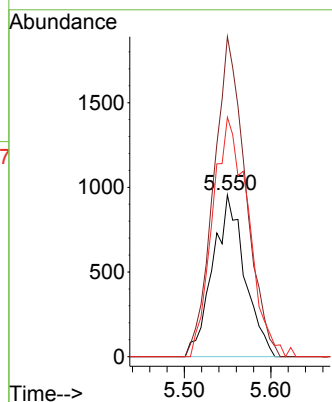
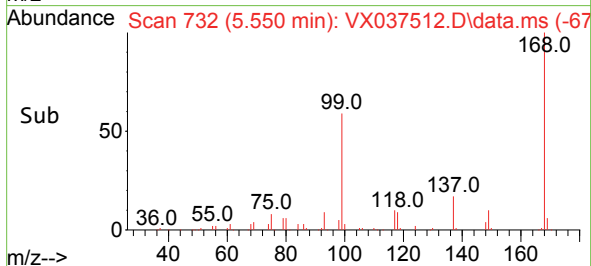


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :

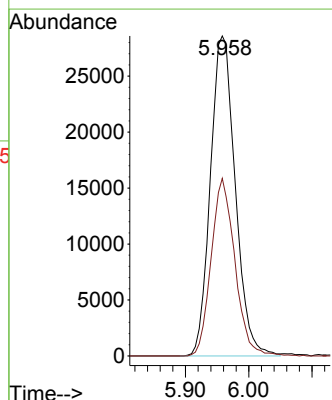
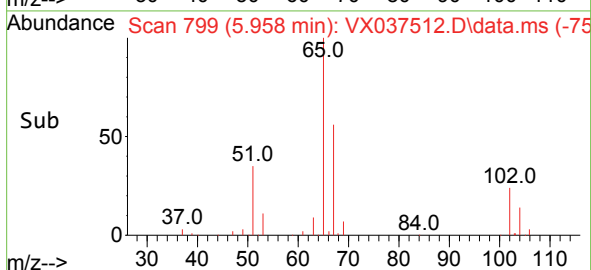
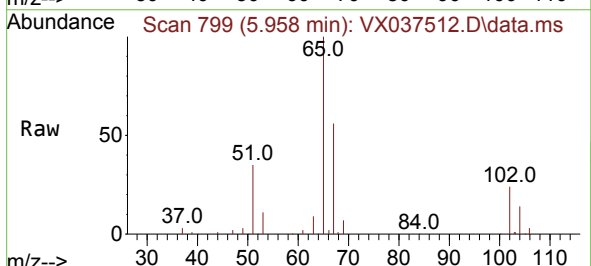


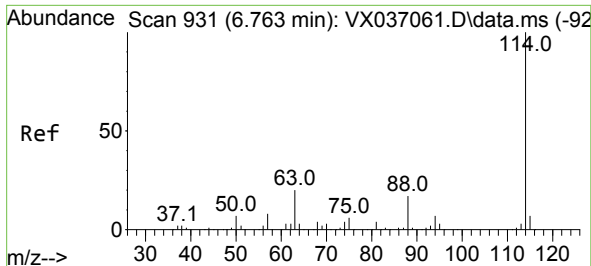
Tgt Ion: 56 Resp: 2456
Ion Ratio Lower Upper
56 100
69 197.9 23.4 35.2#
84 148.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.511 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

Tgt Ion: 65 Resp: 78036
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

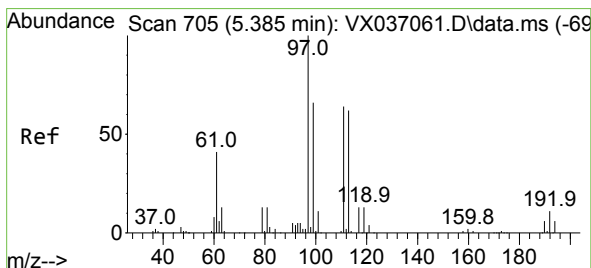
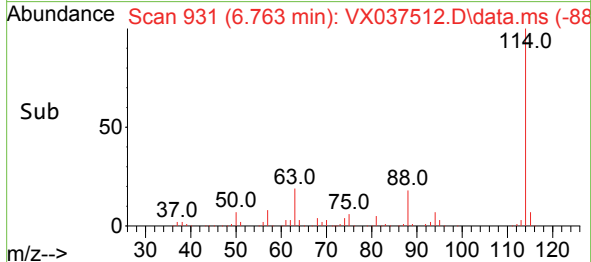
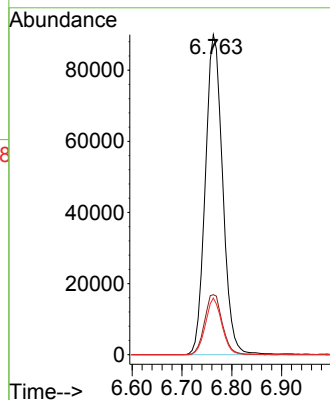
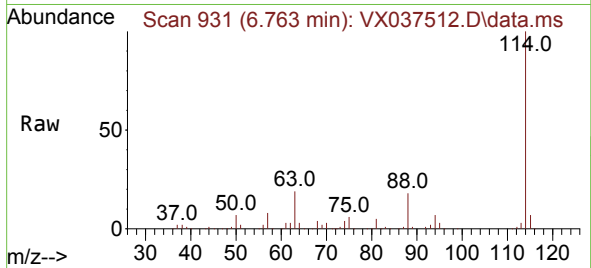




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

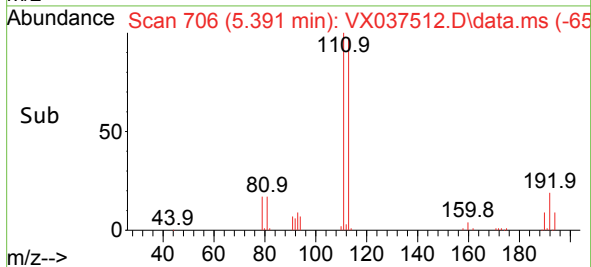
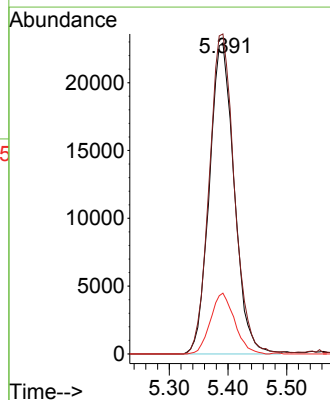
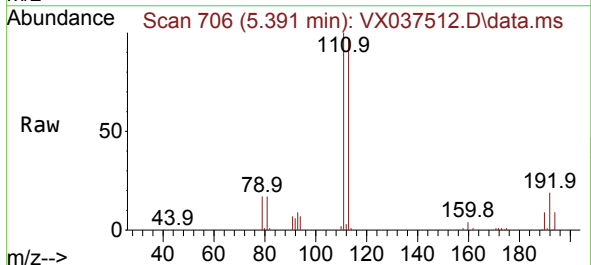
Instrument :
MSVOA_X
ClientSampleId :

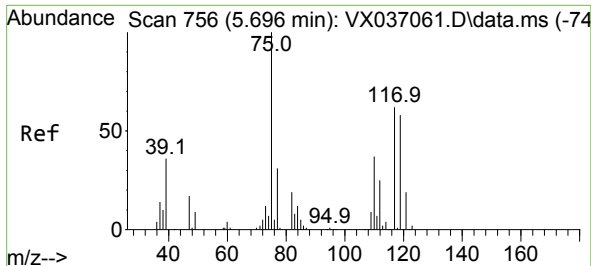
Tgt Ion:114 Resp: 217289
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 17.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.739 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

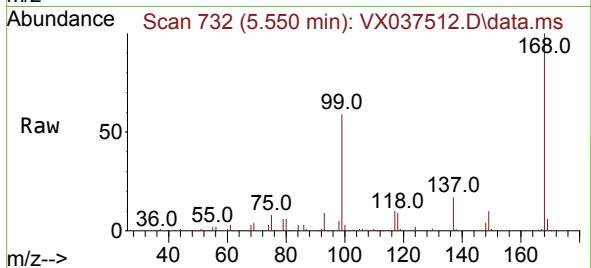
Tgt Ion:113 Resp: 67260
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 19.0 13.3 19.9



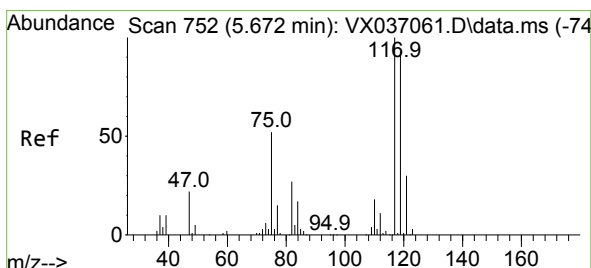
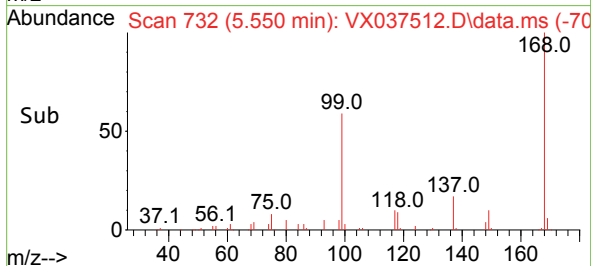
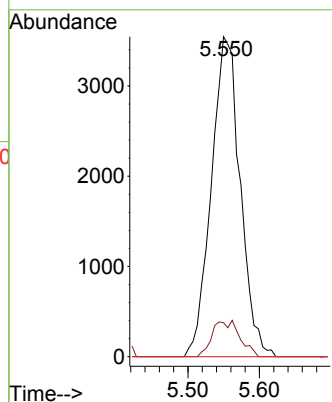


#36
1,1-Dichloropropene
Concen: 4.864 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :

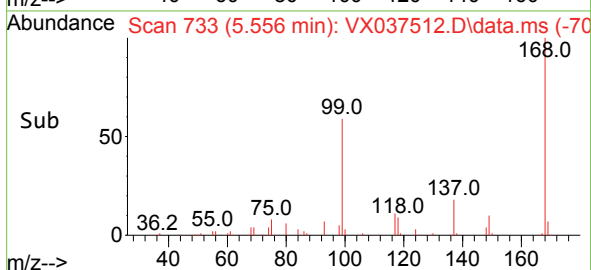
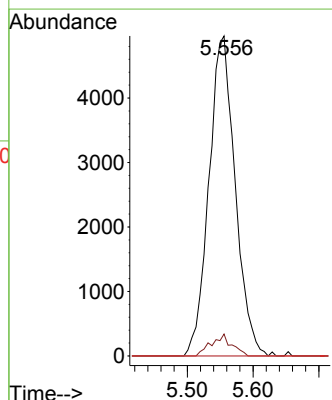
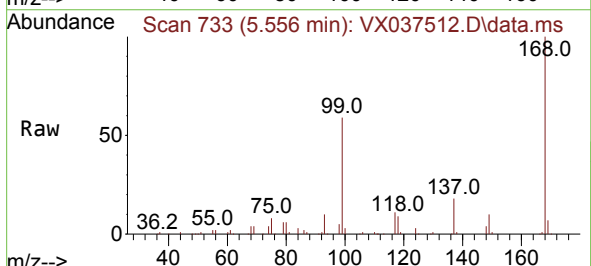


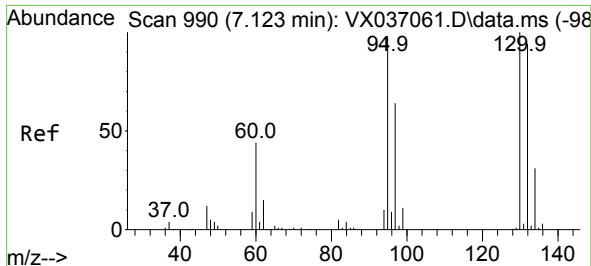
Tgt Ion: 75 Resp: 9944
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.218 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

Tgt Ion: 117 Resp: 13810
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.2#
121 0.0 24.4 36.6#

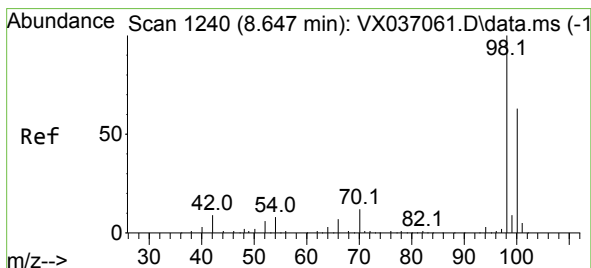
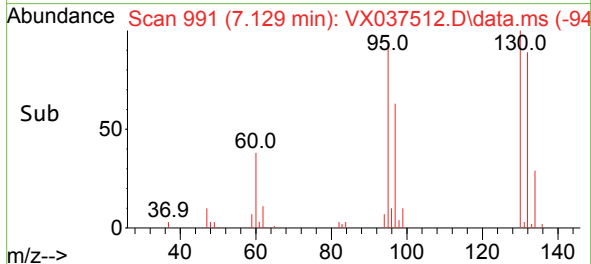
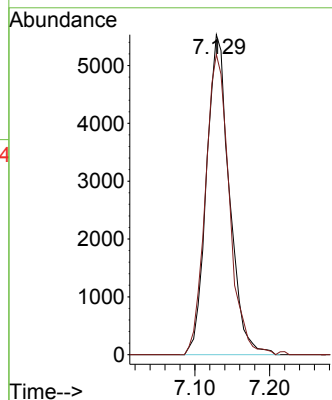
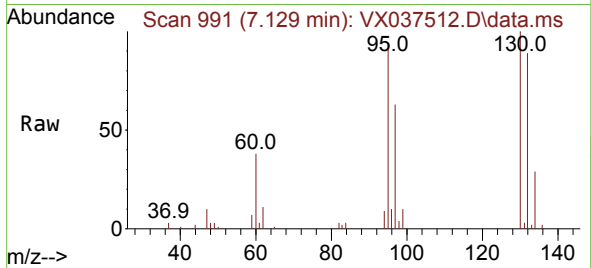




#44
 Trichloroethene
 Concen: 7.077 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX037512.D
 Acq: 05 Sep 2023 15:09

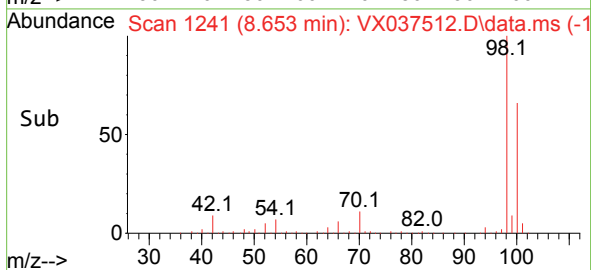
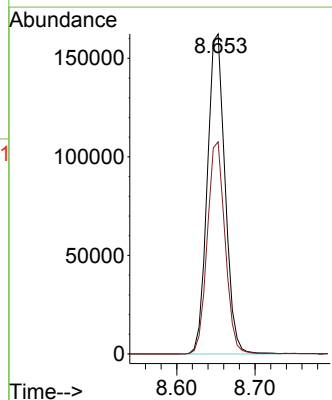
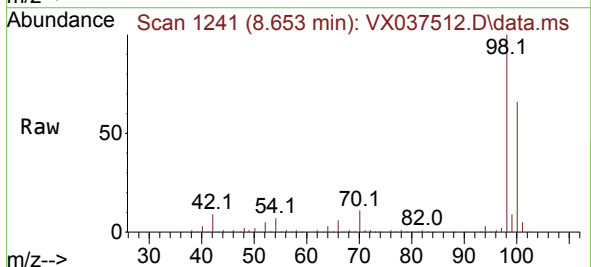
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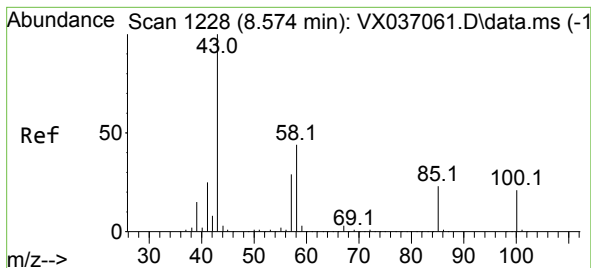
Tgt Ion:130 Resp: 11767
 Ion Ratio Lower Upper
 130 100
 95 93.8 0.0 204.4



#50
 Toluene-d8
 Concen: 48.848 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.006 min
 Lab File: VX037512.D
 Acq: 05 Sep 2023 15:09

Tgt Ion: 98 Resp: 254987
 Ion Ratio Lower Upper
 98 100
 100 66.5 53.1 79.7

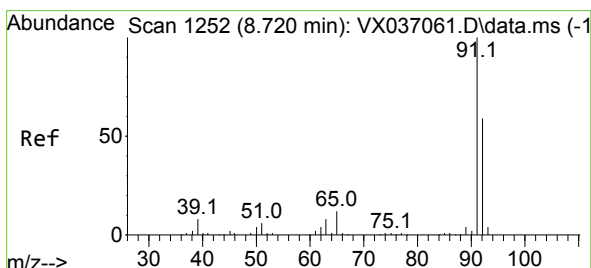
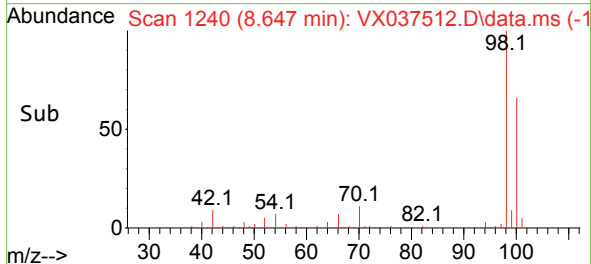
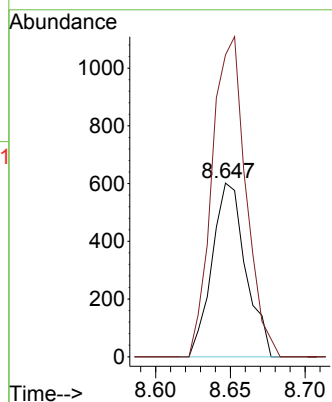
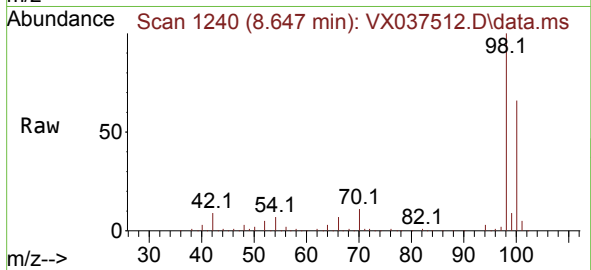




#51
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

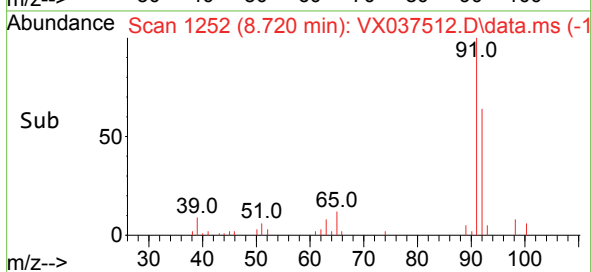
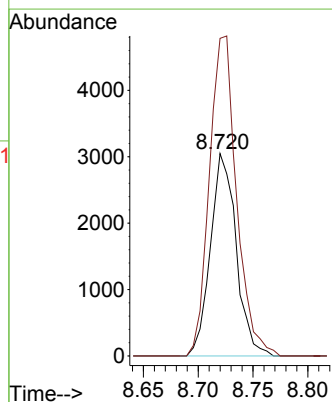
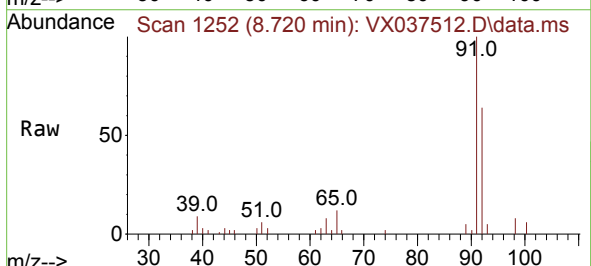
Instrument :
MSVOA_X
ClientSampleId :

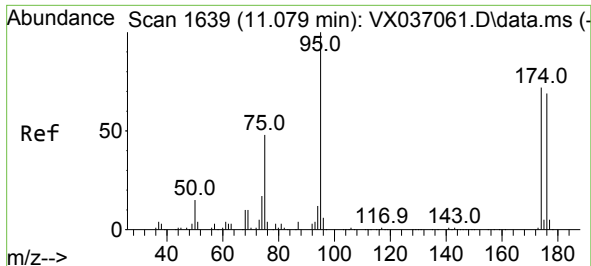
Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
58 185.4 30.4 45.6#



#52
Toluene
Concen: 1.284 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

Tgt Ion: 92 Resp: 4976
Ion Ratio Lower Upper
92 100
91 167.0 134.2 201.2

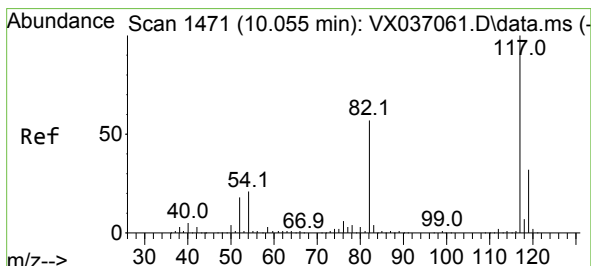
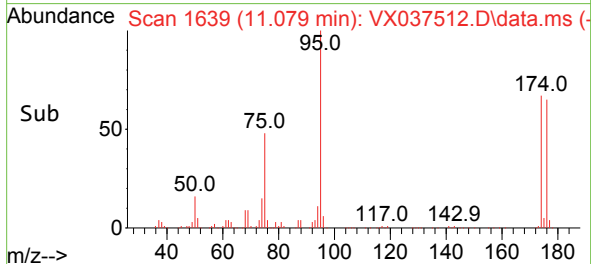
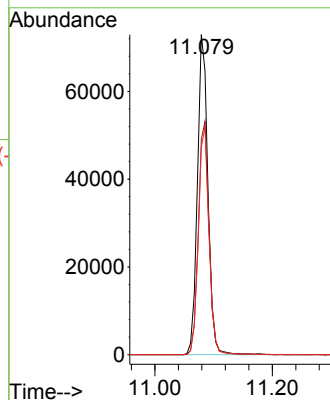
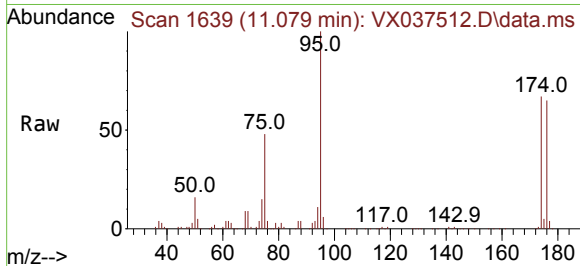




#62
4-Bromofluorobenzene
Concen: 44.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

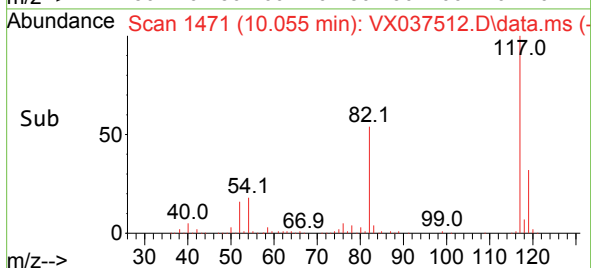
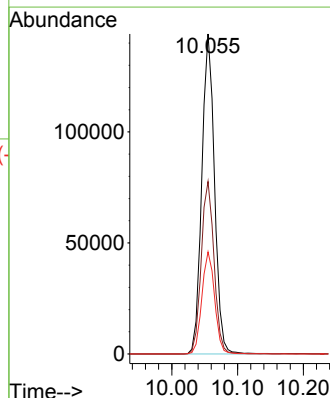
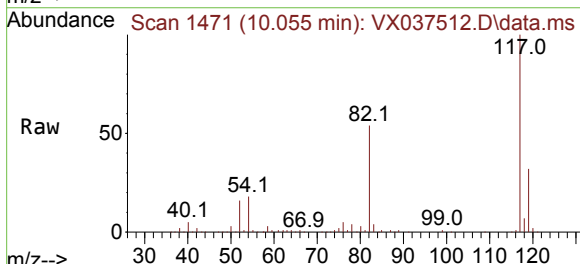
Instrument :
MSVOA_X
ClientSampleId :

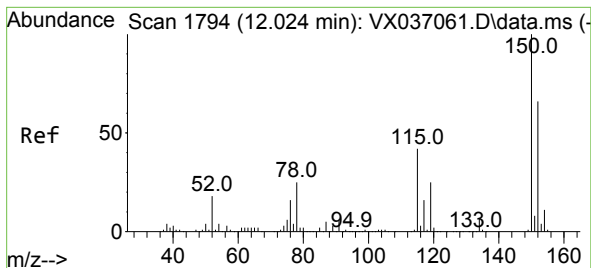
Tgt Ion: 95 Resp: 90477
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

Tgt Ion: 117 Resp: 193772
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

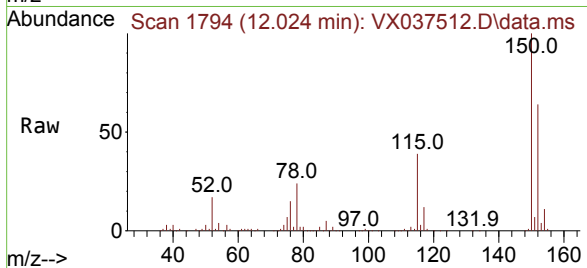
Lab File: VX037512.D

Acq: 05 Sep 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :



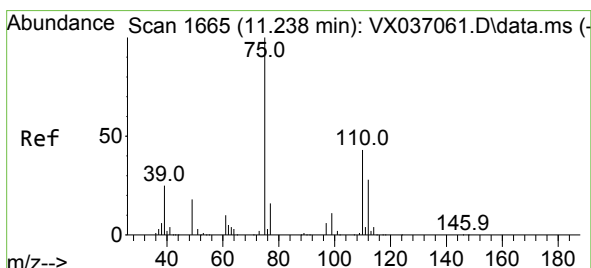
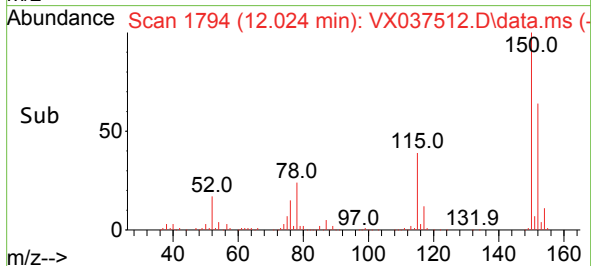
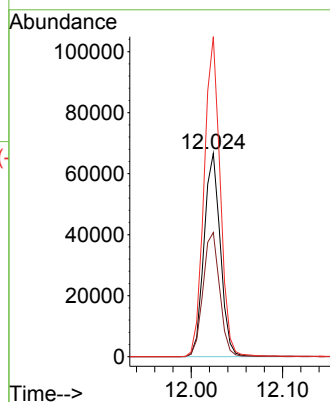
Tgt Ion:152 Resp: 82526

Ion Ratio Lower Upper

152 100

115 62.4 43.3 129.9

150 155.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.777 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037512.D

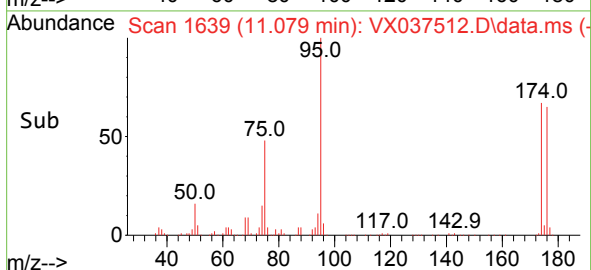
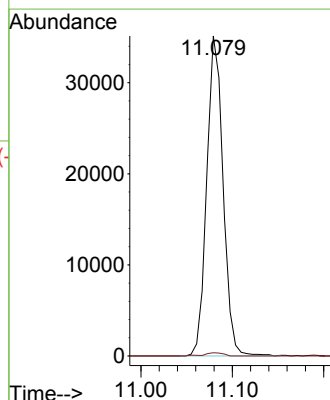
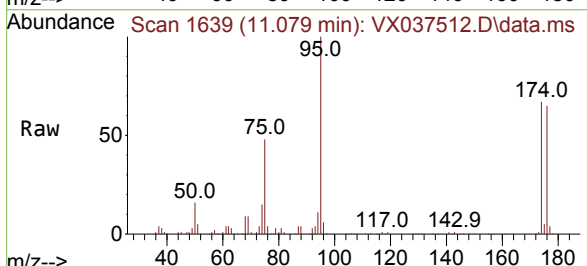
Acq: 05 Sep 2023 15:09

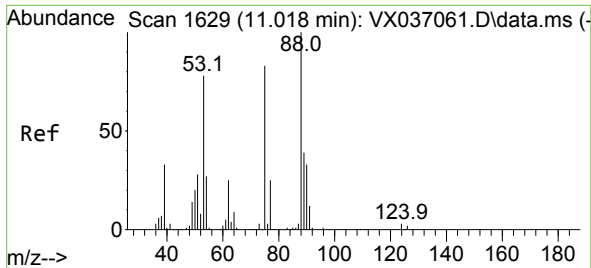
Tgt Ion: 75 Resp: 43547

Ion Ratio Lower Upper

75 100

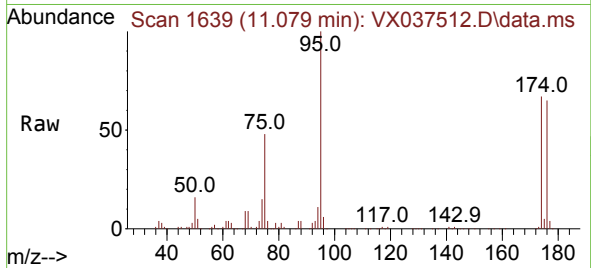
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.204 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037512.D
Acq: 05 Sep 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 43547
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

