

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036912.D
 Acq On : 10 Aug 2023 14:55
 Operator : JC/MD
 Sample : 03960-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 01:46:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

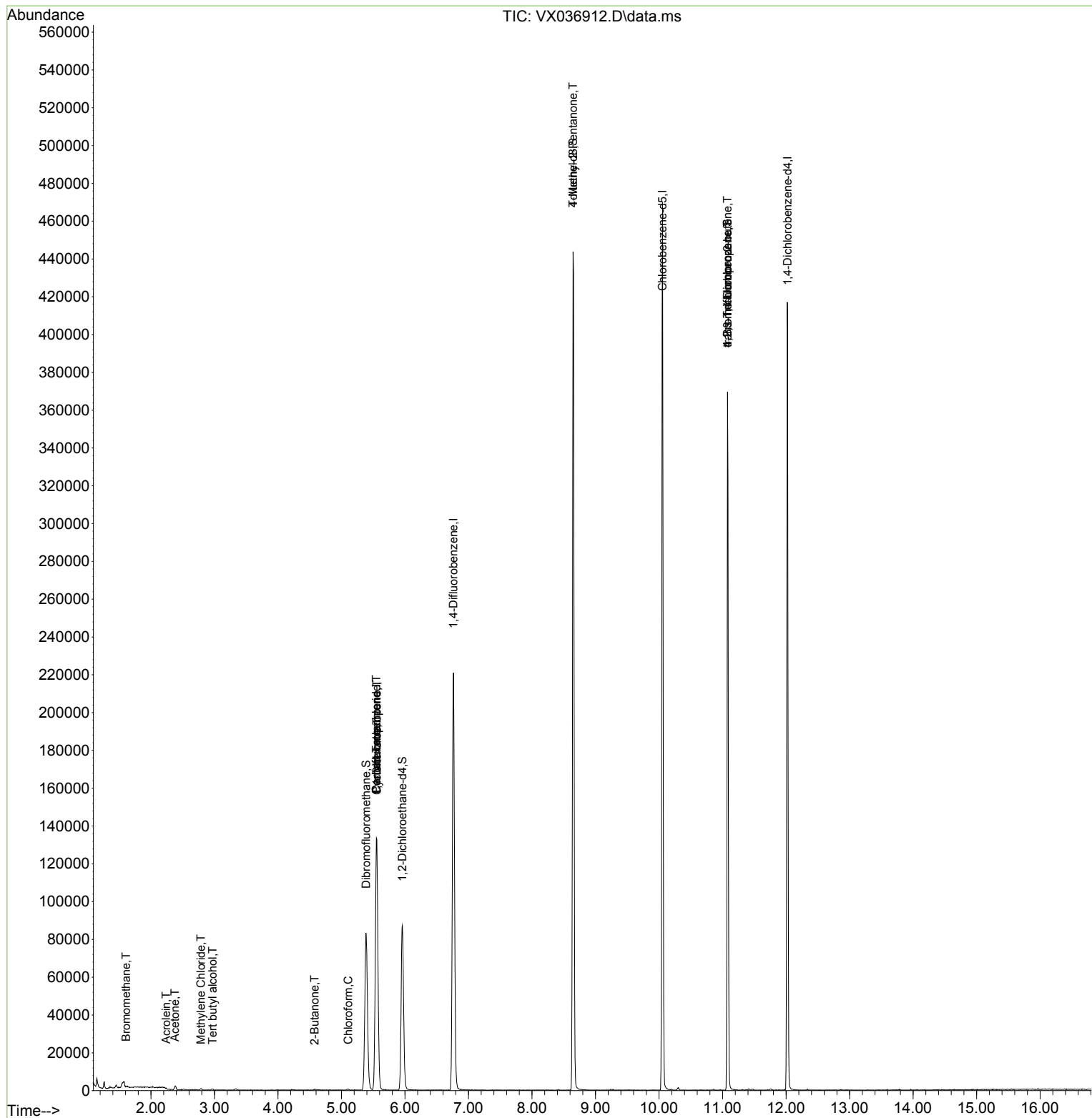
Internal Standards						
1) Pentafluorobenzene	5.550	168	124403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86815	47.163	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.320%
35) Dibromofluoromethane	5.385	113	72869	46.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	8.647	98	271774	48.864	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.720%
62) 4-Bromofluorobenzene	11.079	95	99580	47.455	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.920%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	189	0.208	ug/l	93
11) Tert butyl alcohol	2.971	59	319	0.732	ug/l #	78
13) Acrolein	2.239	56	104	0.418	ug/l #	1
16) Acetone	2.380	43	2398	3.139	ug/l	99
20) Methylene Chloride	2.788	84	432	0.254	ug/l #	67
25) 2-Butanone	4.574	43	549	0.443	ug/l #	51
30) Chloroform	5.105	83	614	0.206	ug/l	93
31) Cyclohexane	5.556	56	2834	1.112	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10115	4.327	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13473	5.421	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1278	0.507	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52082	25.303	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52082	57.350	ug/l #	5

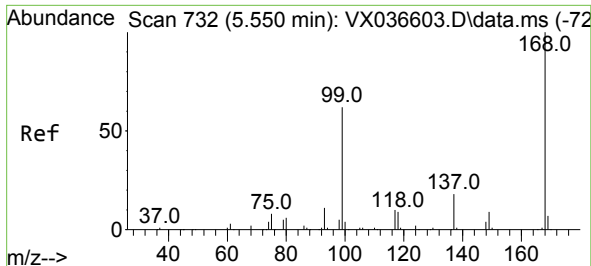
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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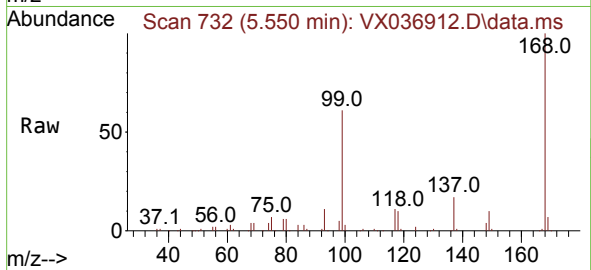
Quant Time: Aug 11 01:46:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
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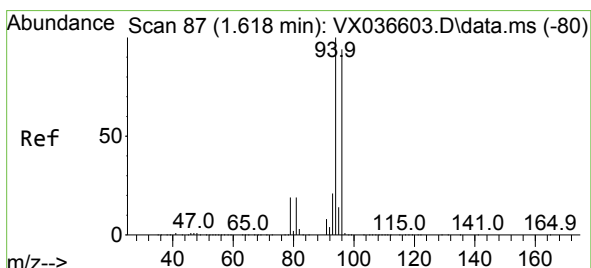
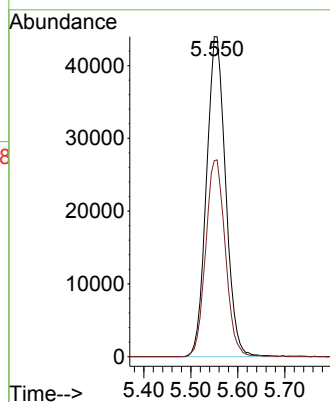
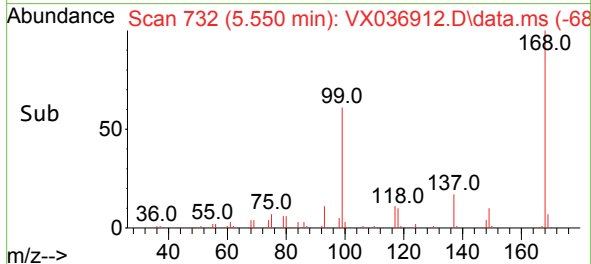


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

Instrument :
MSVOA_X
ClientSampleId :

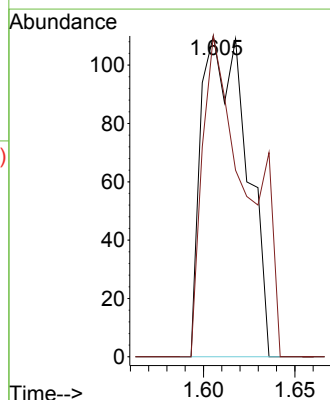
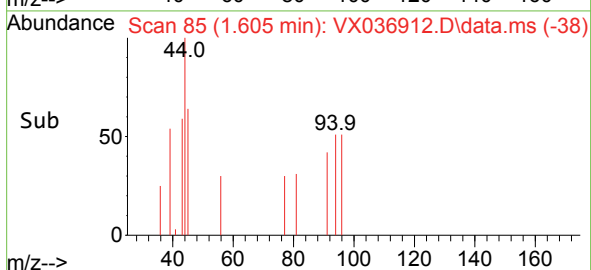
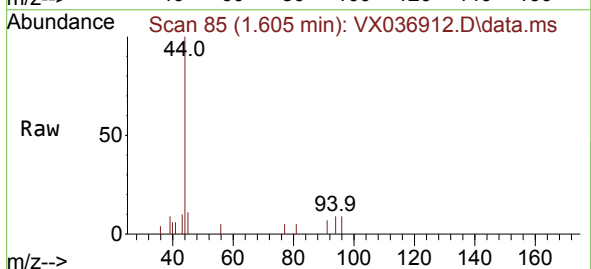


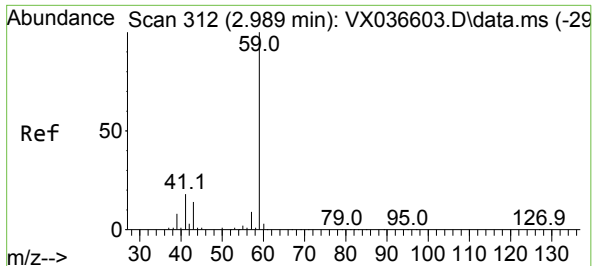
Tgt Ion:168 Resp: 124403
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.012 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

Tgt Ion: 94 Resp: 189
Ion Ratio Lower Upper
94 100
96 100.0 74.6 111.8





#11

Tert butyl alcohol

Concen: 0.732 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.018 min

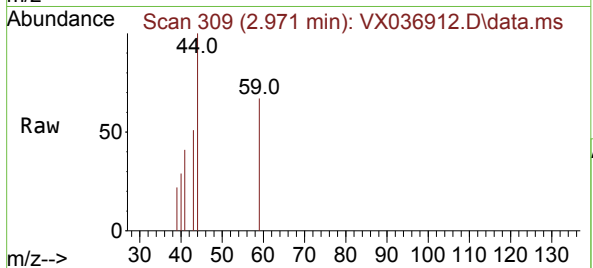
Lab File: VX036912.D

Acq: 10 Aug 2023 14:55

Instrument :

MSVOA_X

ClientSampleId :

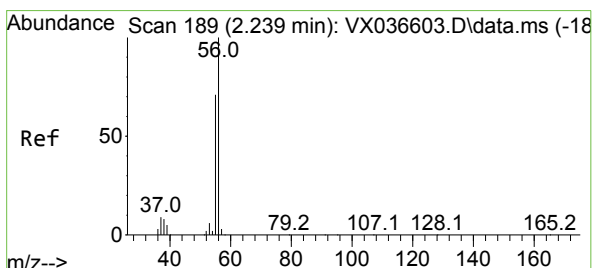
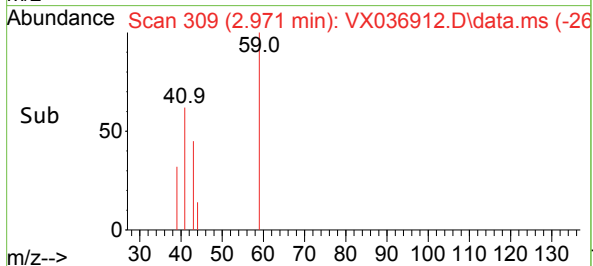
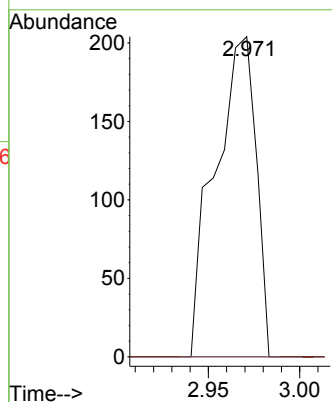


Tgt Ion: 59 Resp: 319

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.418 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036912.D

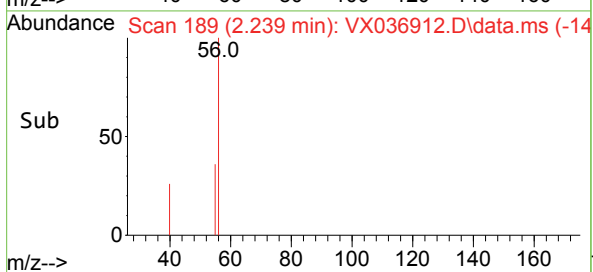
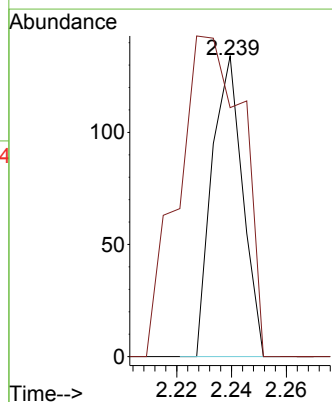
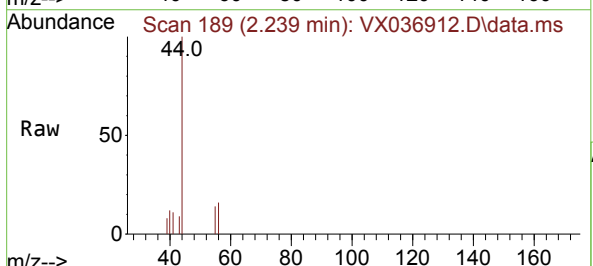
Acq: 10 Aug 2023 14:55

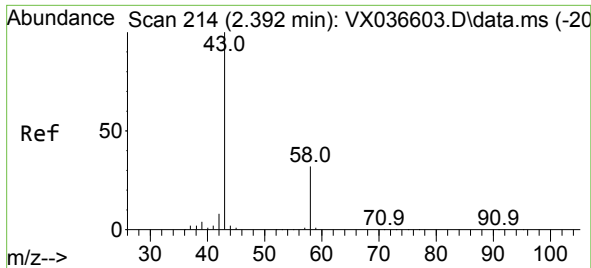
Tgt Ion: 56 Resp: 104

Ion Ratio Lower Upper

56 100

55 225.0 57.1 85.7#





#16

Acetone

Concen: 3.139 ug/l

RT: 2.380 min Scan# 214

Delta R.T. -0.012 min

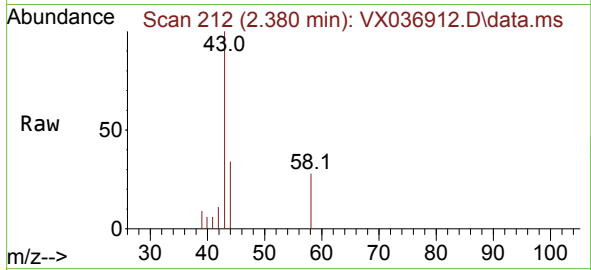
Lab File: VX036912.D

Acq: 10 Aug 2023 14:55

Instrument :

MSVOA_X

ClientSampleId :

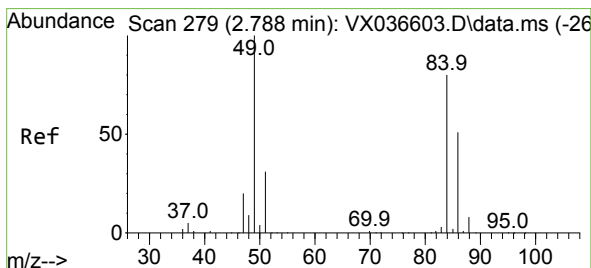
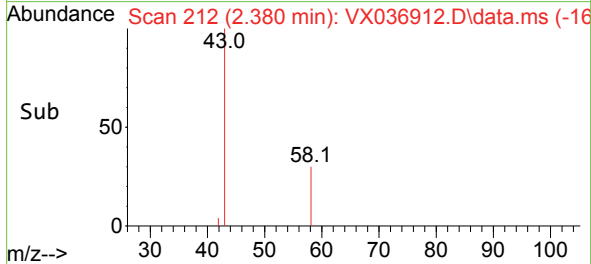
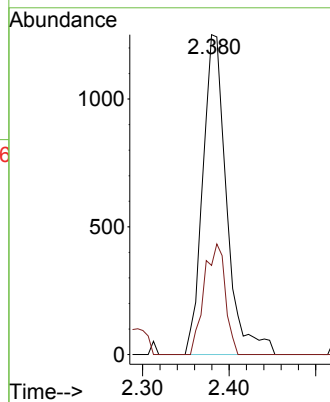


Tgt Ion: 43 Resp: 2398

Ion Ratio Lower Upper

43 100

58 27.9 21.9 32.9



#20

Methylene Chloride

Concen: 0.254 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX036912.D

Acq: 10 Aug 2023 14:55

Tgt Ion: 84 Resp: 432

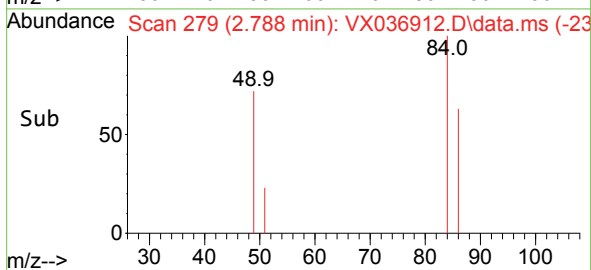
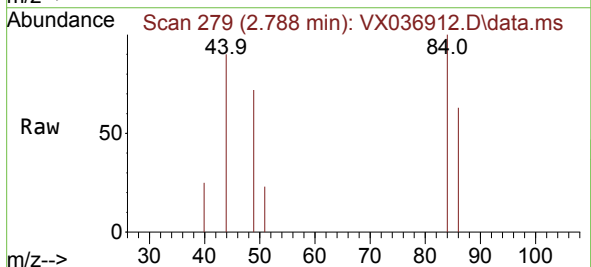
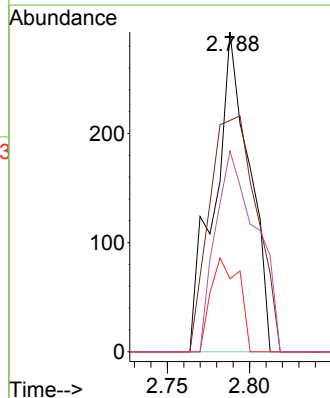
Ion Ratio Lower Upper

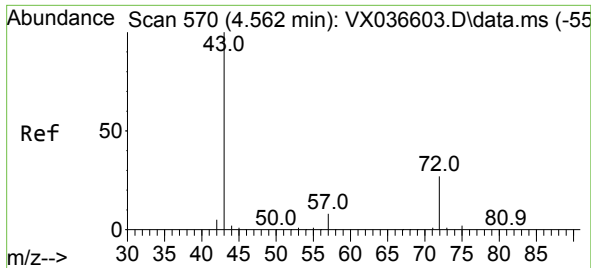
84 100

49 72.4 103.6 155.4#

51 22.9 33.8 50.6#

86 62.8 49.4 74.0

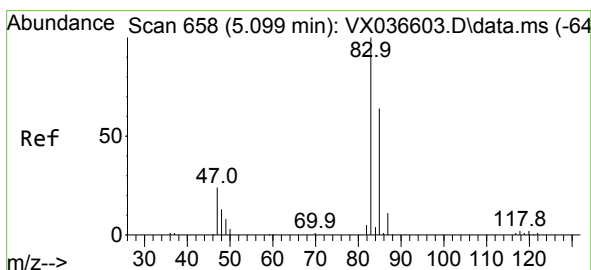
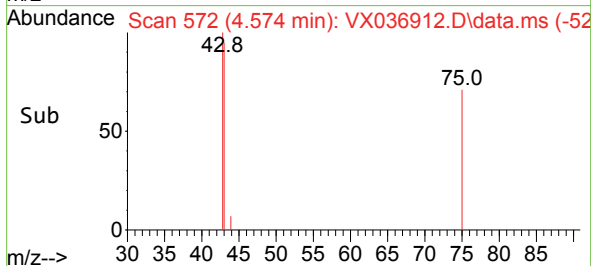
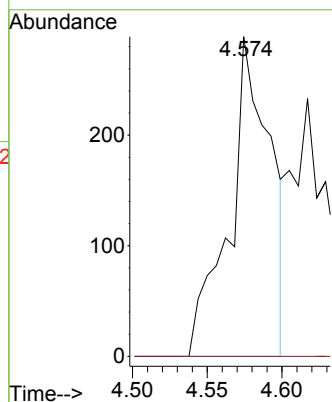
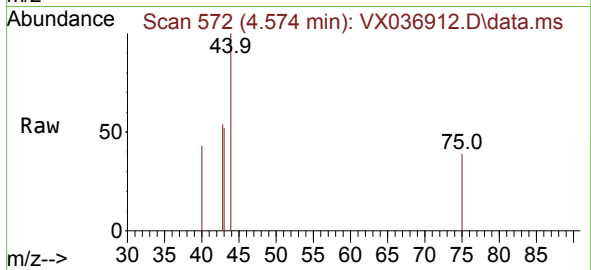




#25
2-Butanone
Concen: 0.443 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

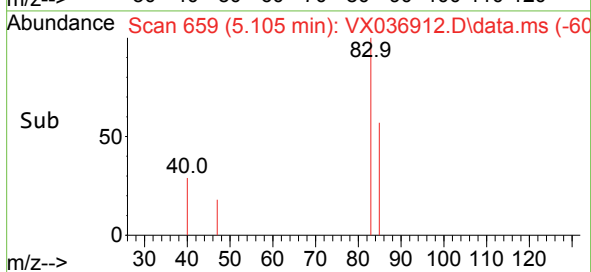
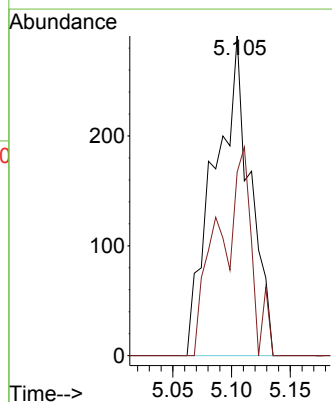
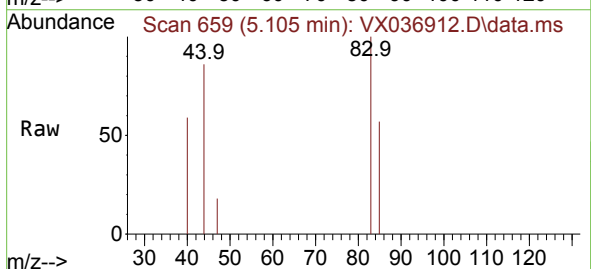
Instrument :
MSVOA_X
ClientSampleId :

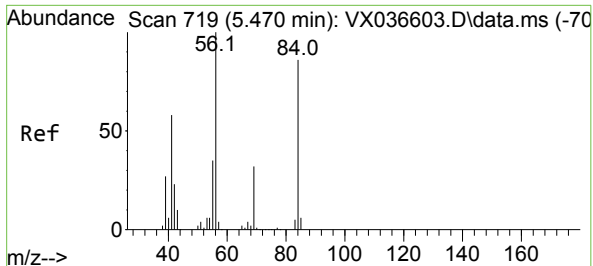
Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#30
Chloroform
Concen: 0.206 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

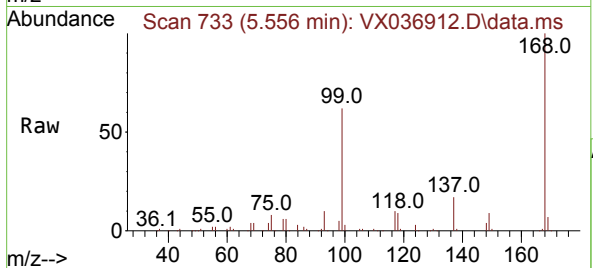
Tgt Ion: 83 Resp: 614
Ion Ratio Lower Upper
83 100
85 57.4 50.3 75.5



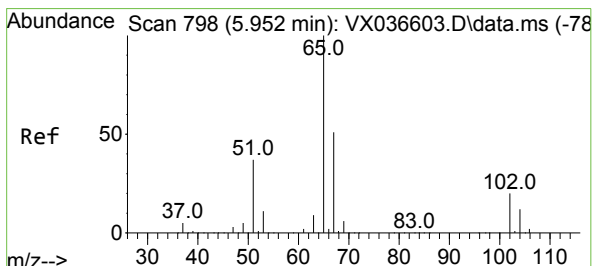
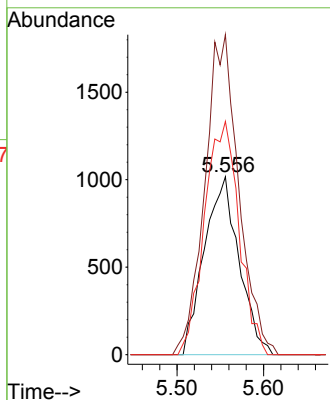
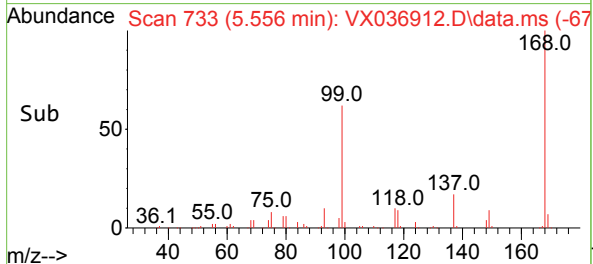


#31
Cyclohexane
Concen: 1.112 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

Instrument :
MSVOA_X
ClientSampleId :

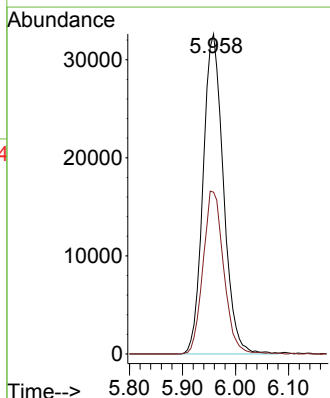
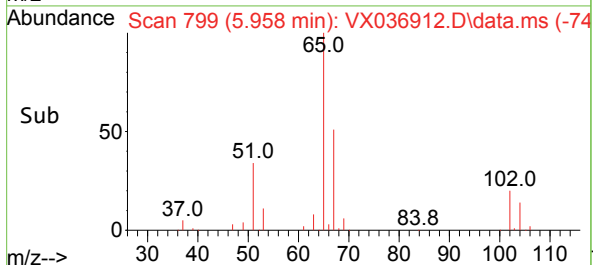
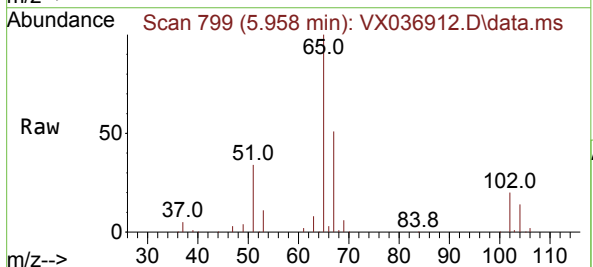


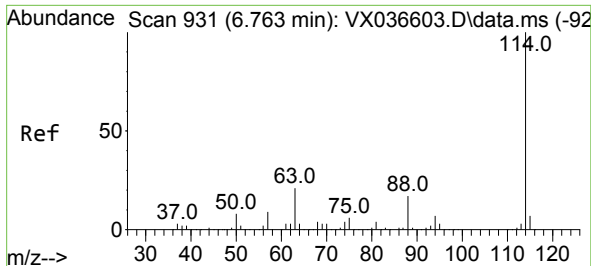
Tgt Ion: 56 Resp: 2834
Ion Ratio Lower Upper
56 100
69 179.8 23.4 35.2#
84 131.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.163 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

Tgt Ion: 65 Resp: 86815
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

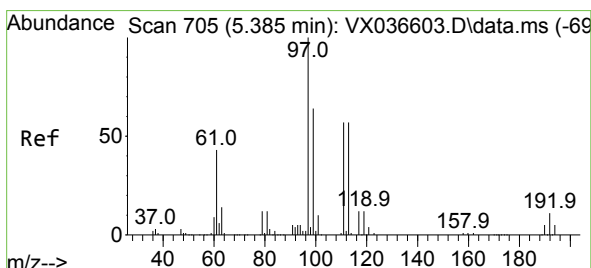
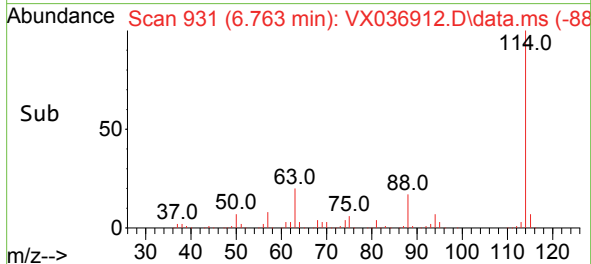
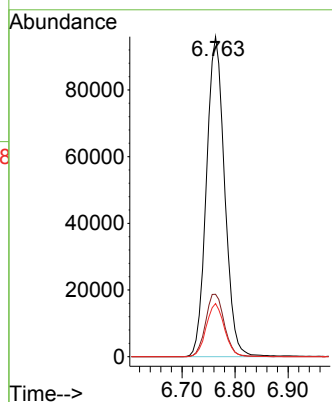
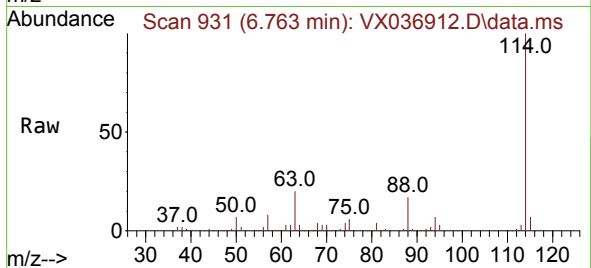




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

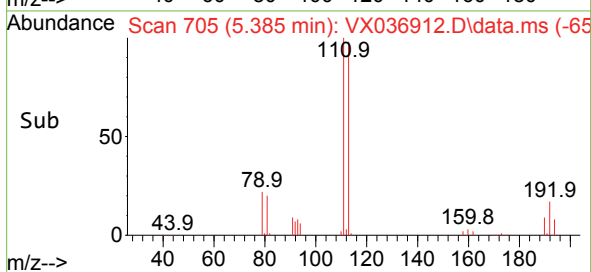
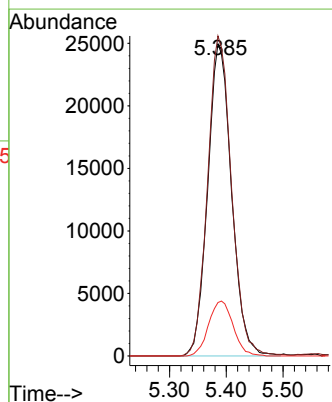
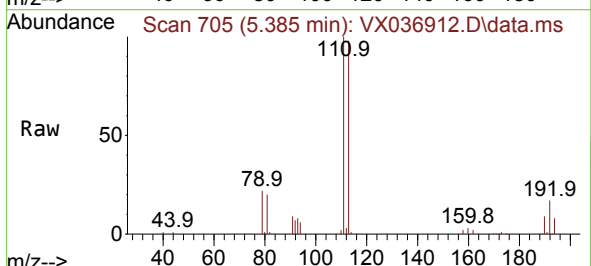
Instrument :
MSVOA_X
ClientSampleId :

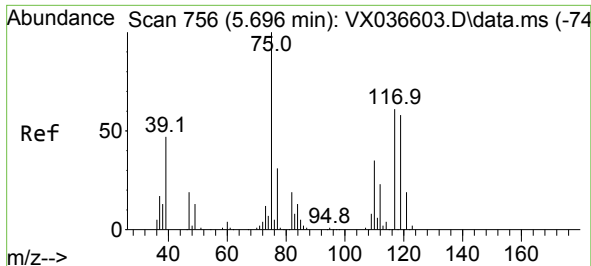
Tgt Ion:114 Resp: 228182
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.461 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

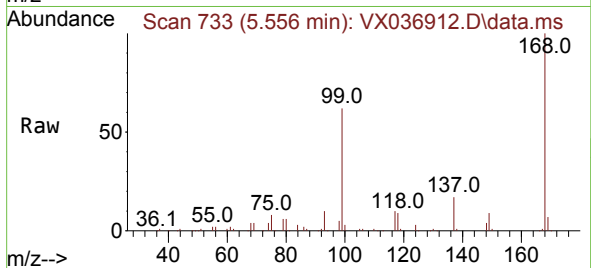
Tgt Ion:113 Resp: 72869
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.1 13.3 19.9



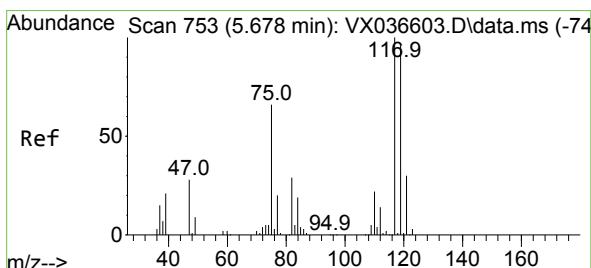
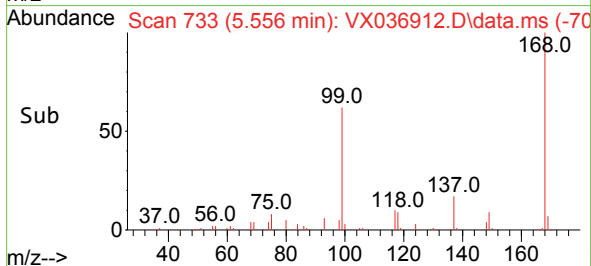
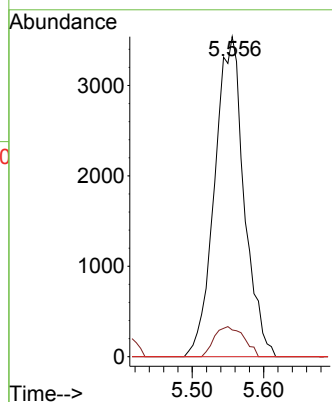


#36
1,1-Dichloropropene
Concen: 4.327 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

Instrument :
MSVOA_X
ClientSampleId :

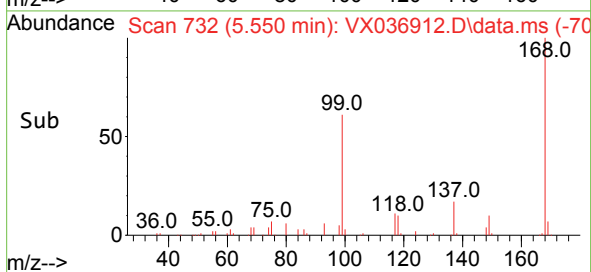
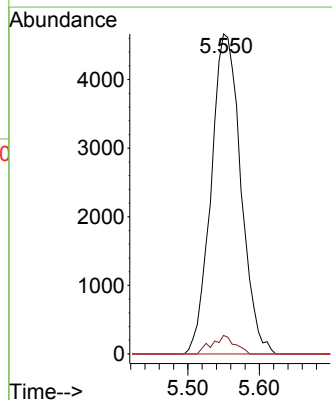
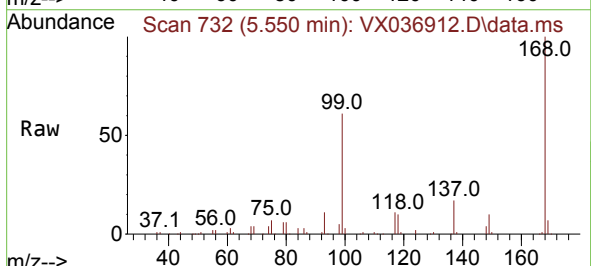


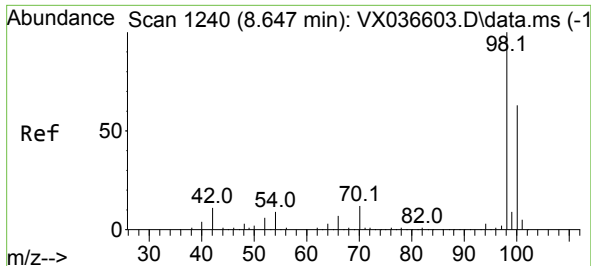
Tgt Ion: 75 Resp: 10115
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.421 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

Tgt Ion: 117 Resp: 13473
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#

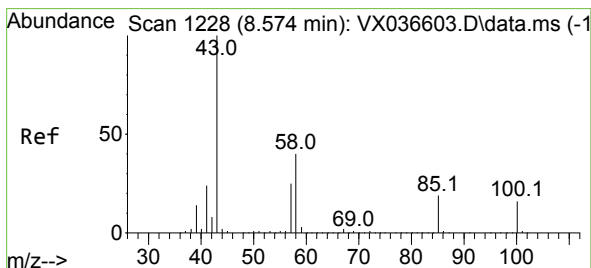
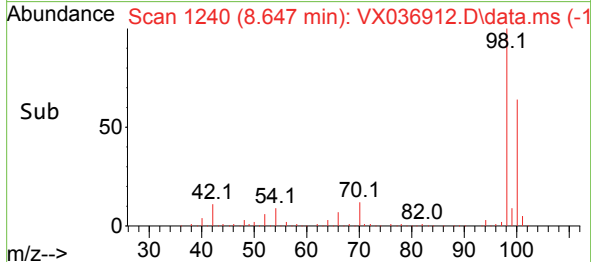
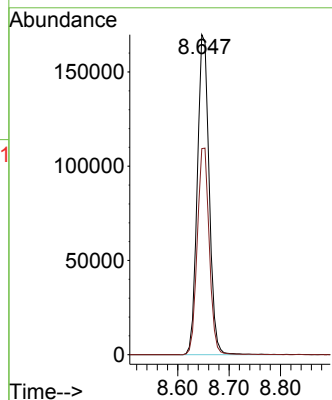
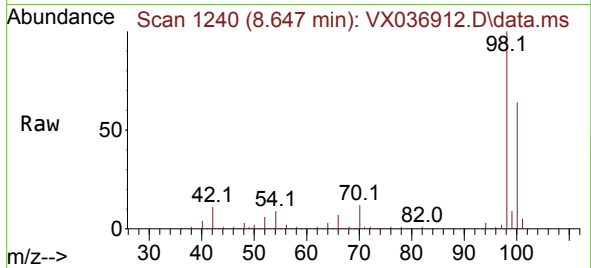




#50
Toluene-d8
Concen: 48.864 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

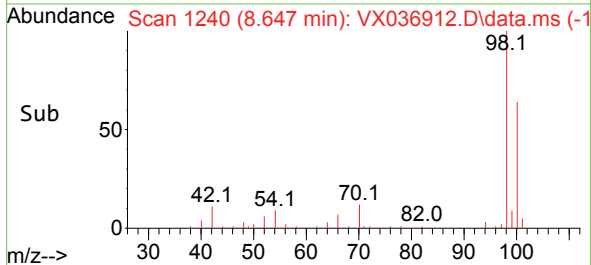
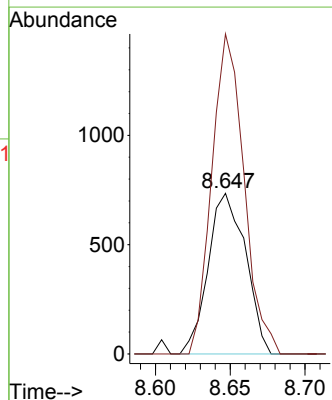
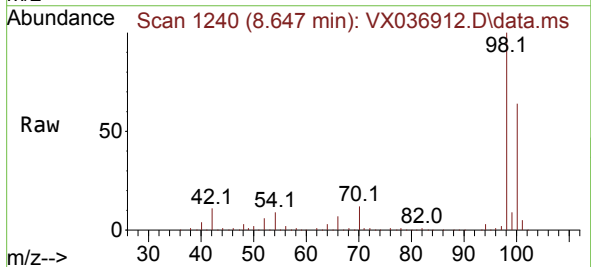
Instrument :
MSVOA_X
ClientSampleId :

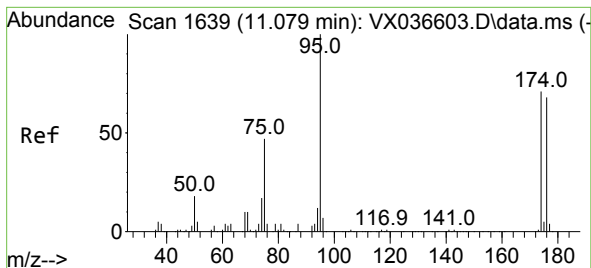
Tgt Ion: 98 Resp: 271774
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.507 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

Tgt Ion: 43 Resp: 1278
Ion Ratio Lower Upper
43 100
58 171.5 30.4 45.6#

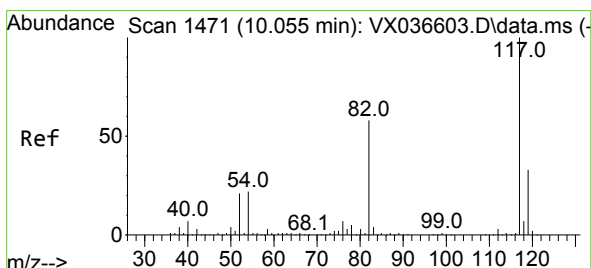
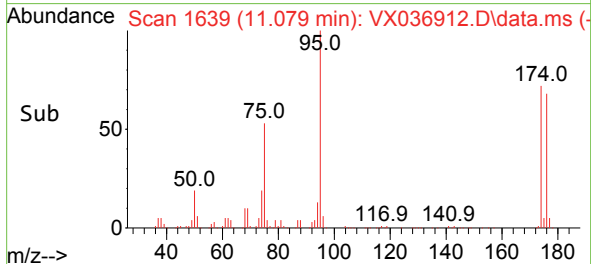
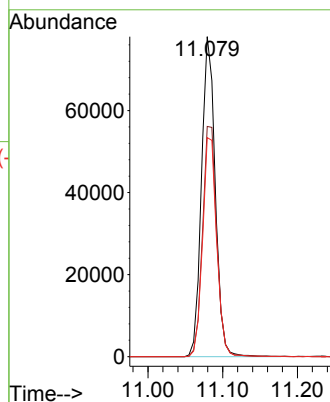
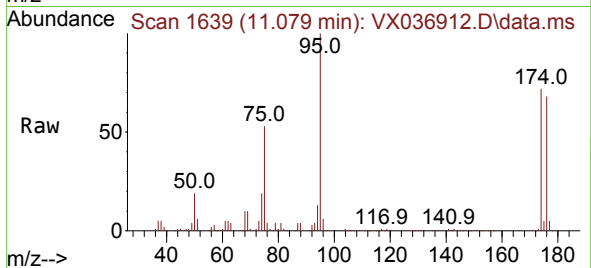




#62
4-Bromofluorobenzene
Concen: 47.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

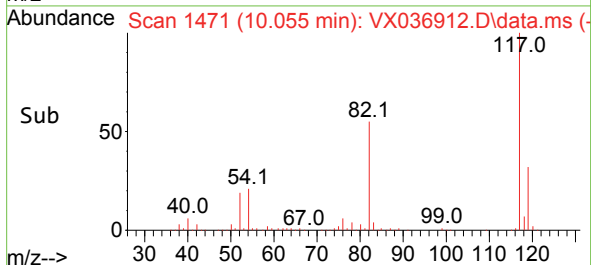
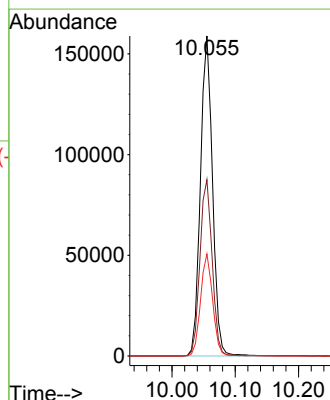
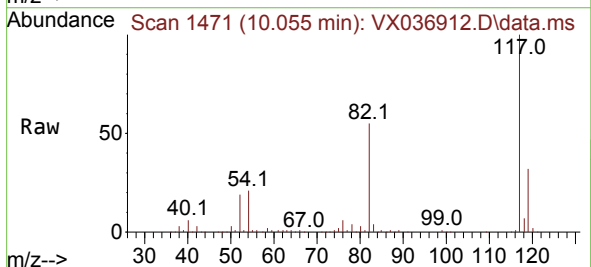
Instrument :
MSVOA_X
ClientSampleId :

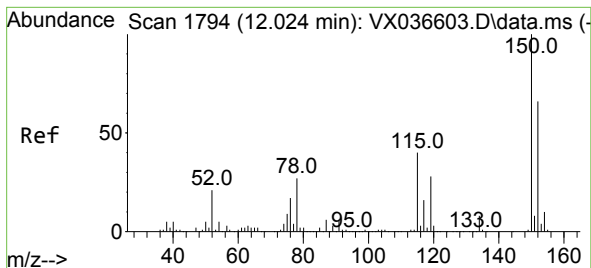
Tgt Ion: 95 Resp: 99580
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 70.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036912.D
Acq: 10 Aug 2023 14:55

Tgt Ion: 117 Resp: 211811
Ion Ratio Lower Upper
117 100
82 55.1 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: VX036912.D

Acq: 10 Aug 2023 14:55

Instrument :

MSVOA_X

ClientSampleId :

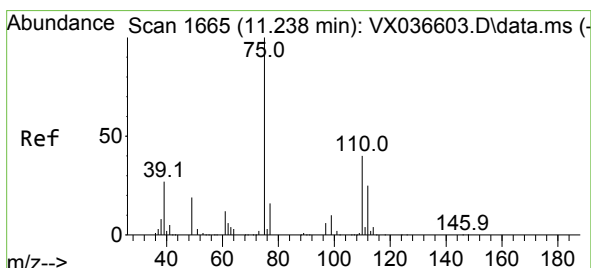
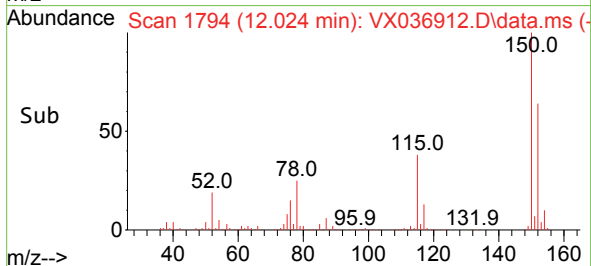
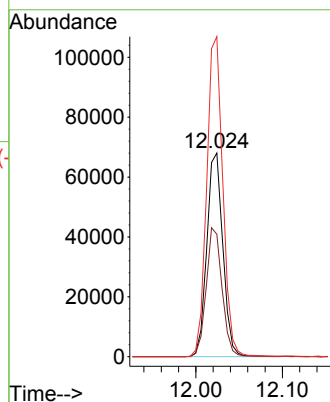
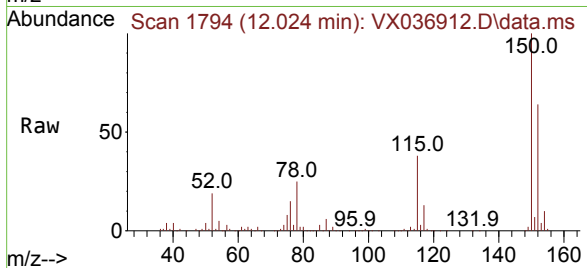
Tgt Ion:152 Resp: 87511

Ion Ratio Lower Upper

152 100

115 62.6 43.3 129.9

150 158.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.303 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036912.D

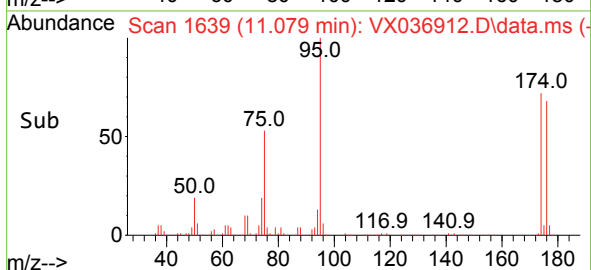
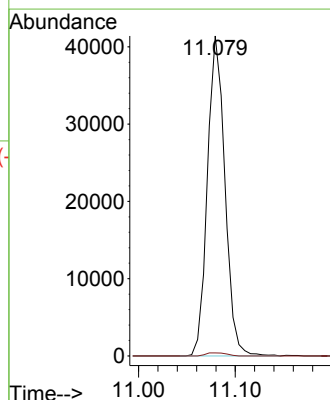
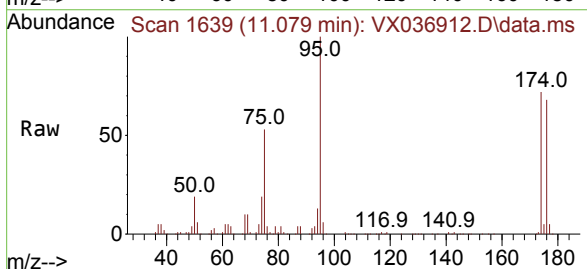
Acq: 10 Aug 2023 14:55

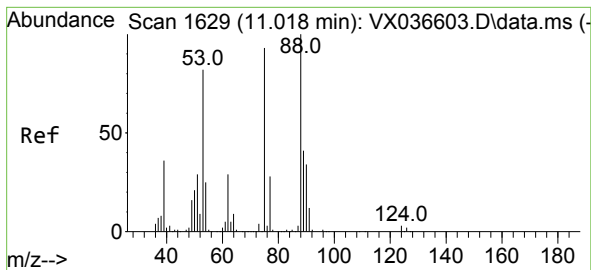
Tgt Ion: 75 Resp: 52082

Ion Ratio Lower Upper

75 100

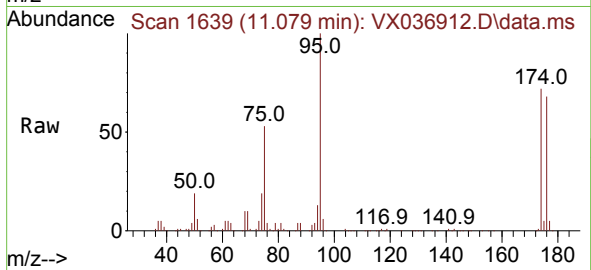
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.350 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036912.D
 Acq: 10 Aug 2023 14:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52082
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

