

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036882.D
 Acq On : 09 Aug 2023 10:54
 Operator : JC/MD
 Sample : VX0809MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809MBL01

Quant Time: Aug 10 01:13:06 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)

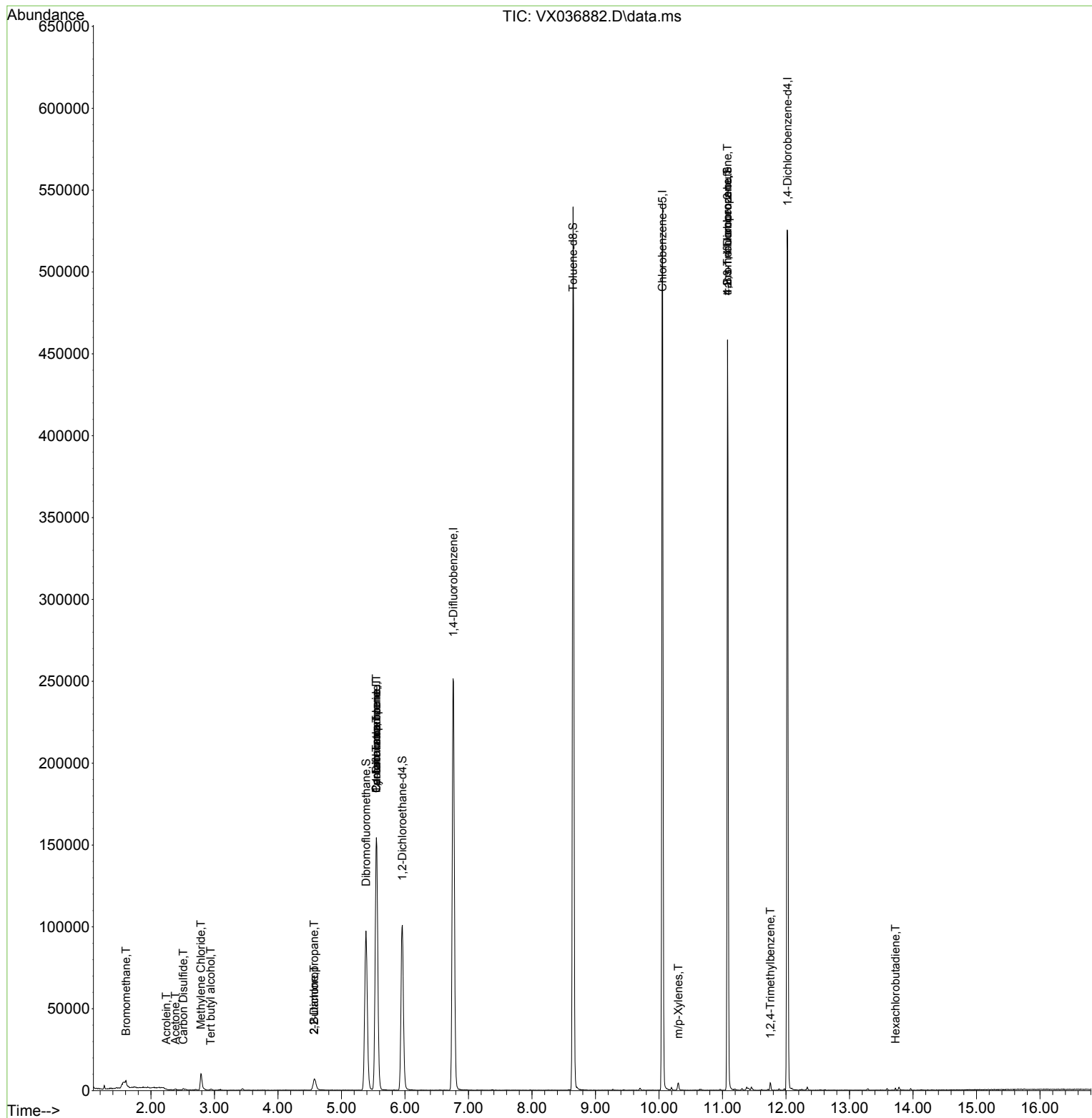
Internal Standards						
1) Pentafluorobenzene	5.550	168	144520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265040	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100462	46.980	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.960%		
35) Dibromofluoromethane	5.385	113	84077	46.152	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.300%		
50) Toluene-d8	8.647	98	317964	49.218	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.440%		
62) 4-Bromofluorobenzene	11.079	95	121504	49.851	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.700%		
Target Compounds						Qvalue
5) Bromomethane	1.605	94	270	0.256	ug/l	89
11) Tert butyl alcohol	2.941	59	553	1.092	ug/l #	78
13) Acrolein	2.239	56	268	0.928	ug/l	88
16) Acetone	2.386	43	706	0.796	ug/l #	67
17) Carbon Disulfide	2.508	76	986	0.221	ug/l	97
20) Methylene Chloride	2.788	84	5586	2.831	ug/l	91
25) 2-Butanone	4.568	43	653	0.454	ug/l #	51
26) 2,2-Dichloropropane	4.568	77	674	0.211	ug/l #	54
31) Cyclohexane	5.550	56	3340	1.128	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11896	4.381	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15564	5.392	ug/l #	16
68) m/p-Xylenes	10.305	106	1202	0.322	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	63779	24.669	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	63779	55.913	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	2385	0.313	ug/l	95
94) Hexachlorobutadiene	13.725	225	237	0.251	ug/l	95

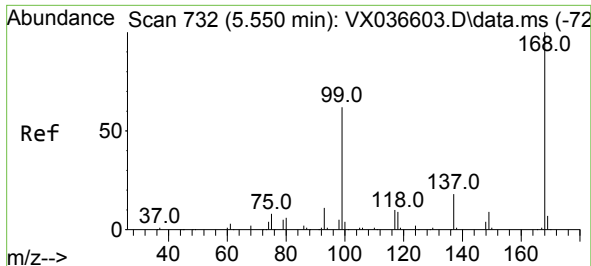
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
Data File : VX036882.D
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

Quant Time: Aug 10 01:13:06 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

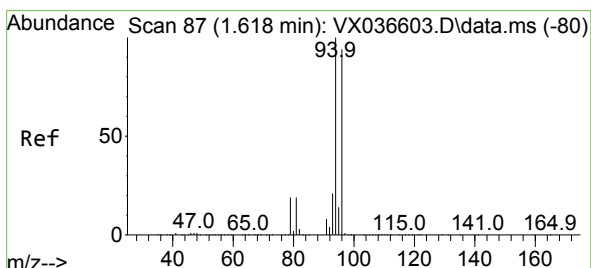
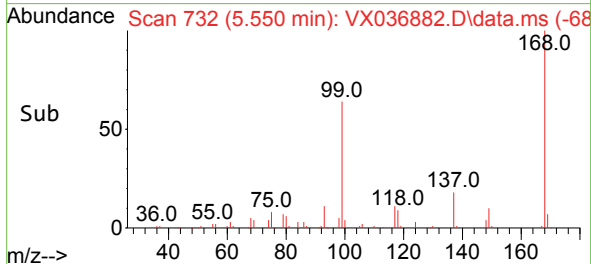
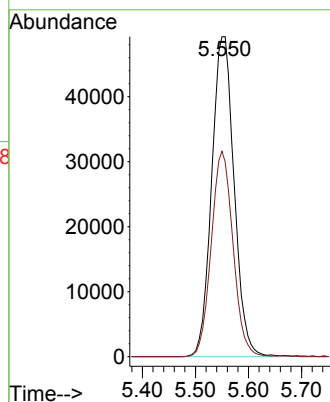
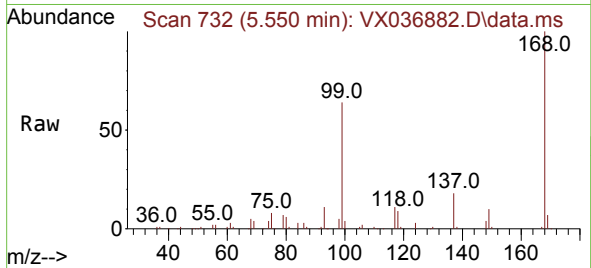




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036882.D
Acq: 09 Aug 2023 10:54

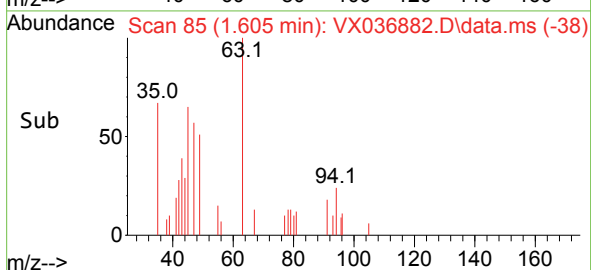
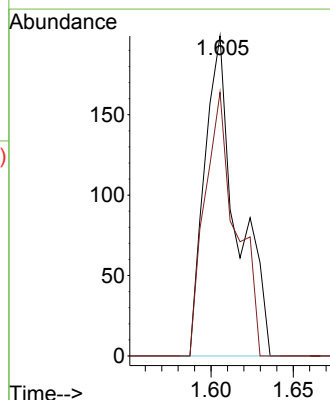
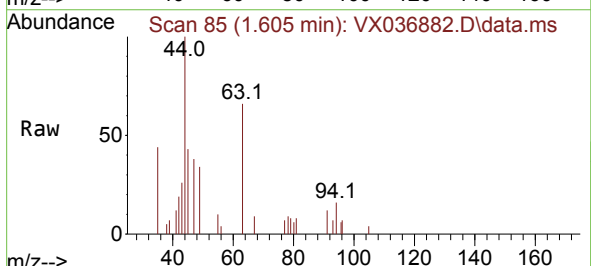
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

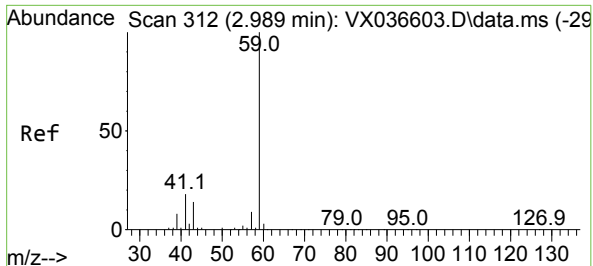
Tgt Ion:168 Resp: 144520
Ion Ratio Lower Upper
168 100
99 64.2 56.6 85.0



#5
Bromomethane
Concen: 0.256 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.012 min
Lab File: VX036882.D
Acq: 09 Aug 2023 10:54

Tgt Ion: 94 Resp: 270
Ion Ratio Lower Upper
94 100
96 82.4 74.6 111.8





#11

Tert butyl alcohol

Concen: 1.092 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.049 min

Lab File: VX036882.D

Acq: 09 Aug 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

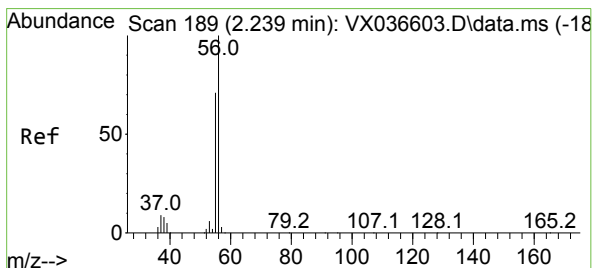
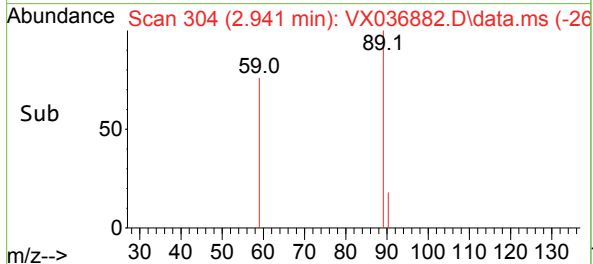
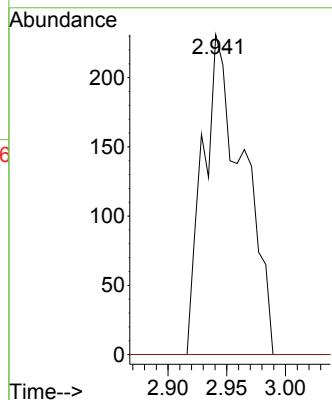
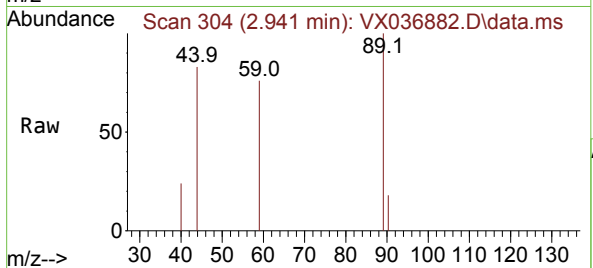
VX0809MBL01

Tgt Ion: 59 Resp: 553

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.928 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036882.D

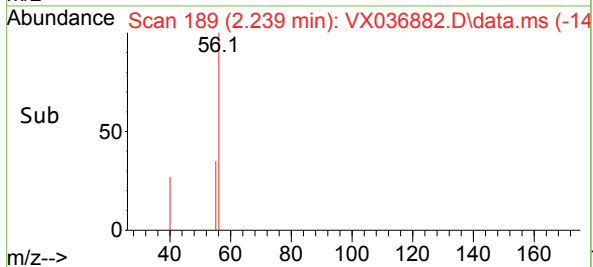
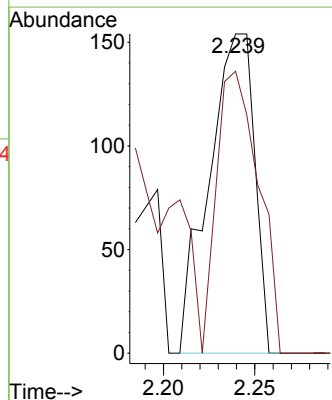
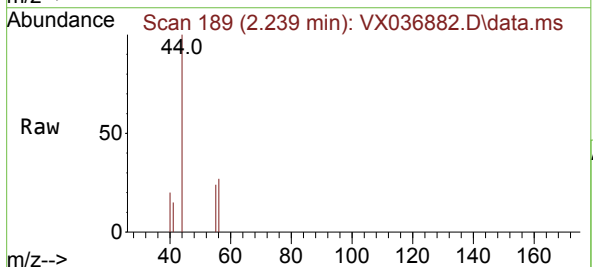
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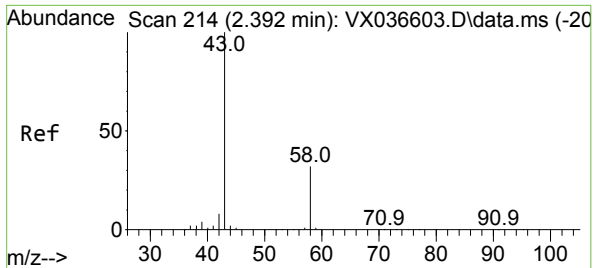
Tgt Ion: 56 Resp: 268

Ion Ratio Lower Upper

56 100

55 81.0 57.1 85.7

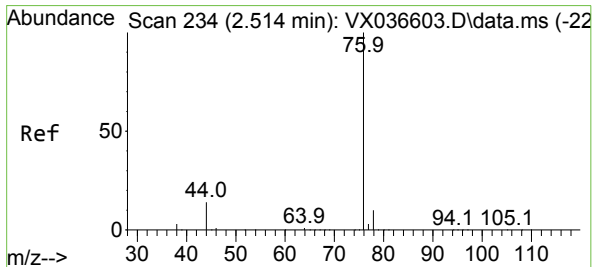
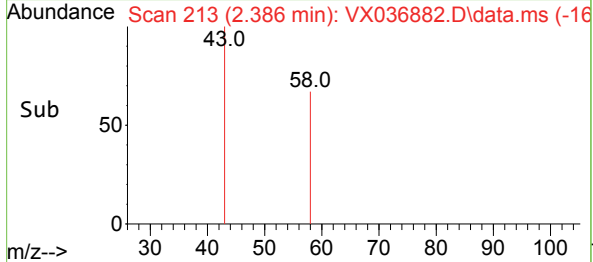
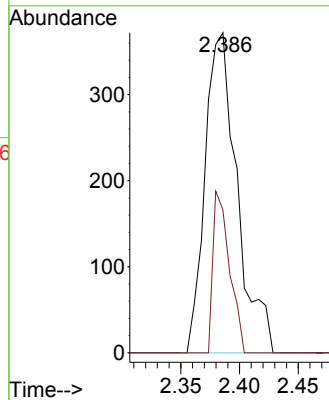
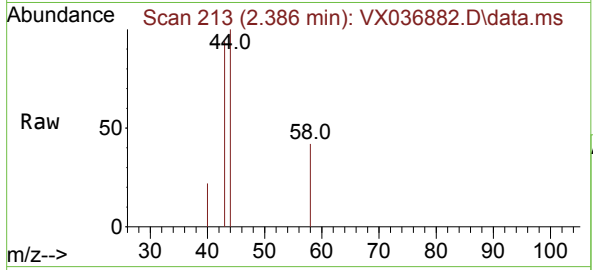




#16
Acetone
Concen: 0.796 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036882.D
Acq: 09 Aug 2023 10:54

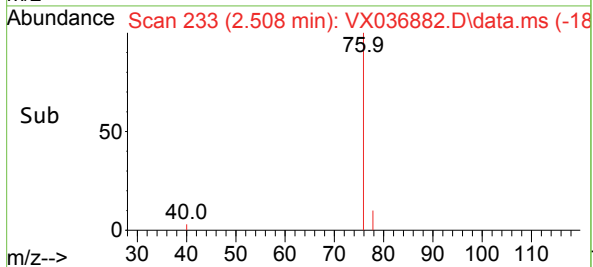
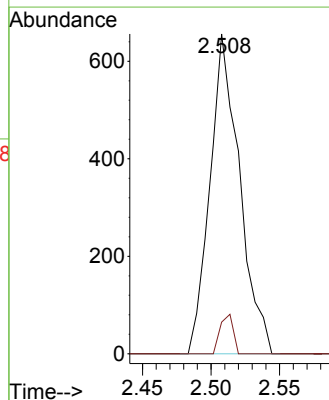
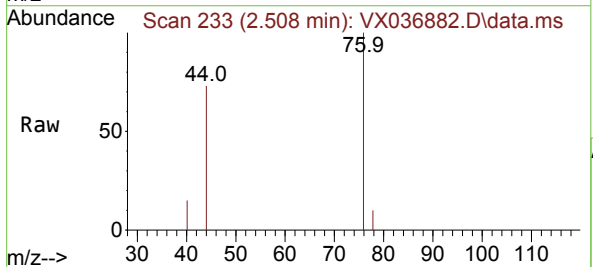
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

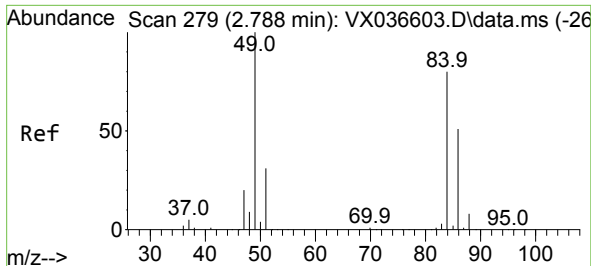
Tgt Ion: 43 Resp: 706
Ion Ratio Lower Upper
43 100
58 44.6 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX036882.D
Acq: 09 Aug 2023 10:54

Tgt Ion: 76 Resp: 986
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6





#20

Methylene Chloride

Concen: 2.831 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036882.D

Acq: 09 Aug 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0809MBL01

Tgt Ion: 84 Resp: 5586

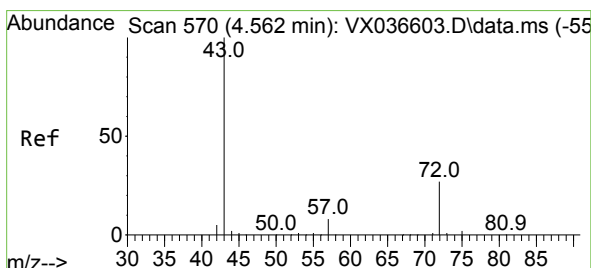
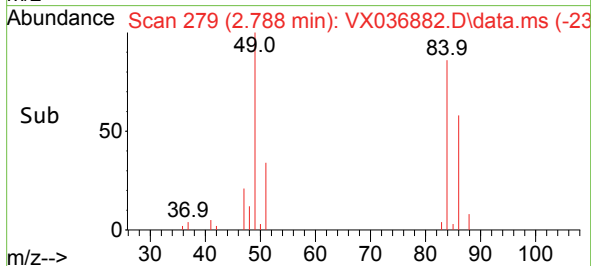
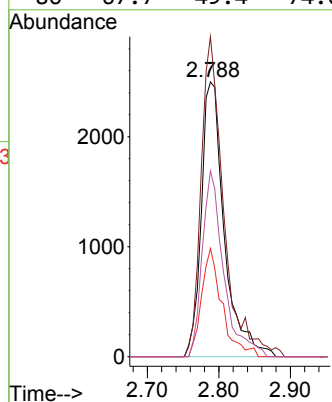
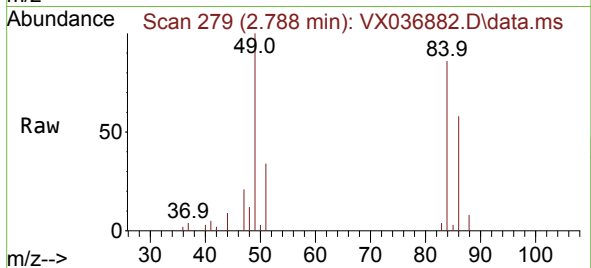
Ion Ratio Lower Upper

84 100

49 116.5 103.6 155.4

51 39.4 33.8 50.6

86 67.7 49.4 74.0



#25

2-Butanone

Concen: 0.454 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX036882.D

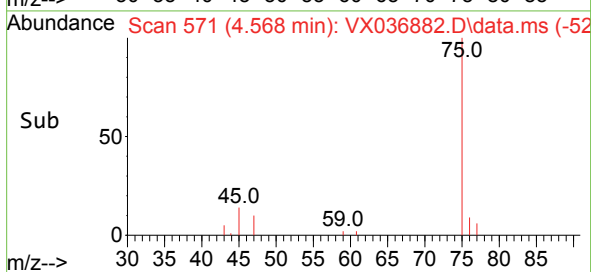
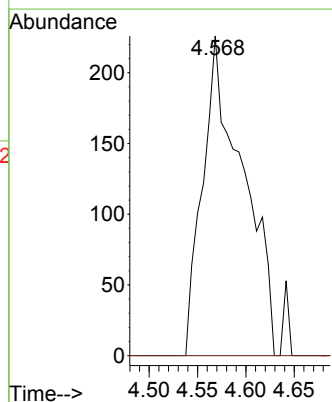
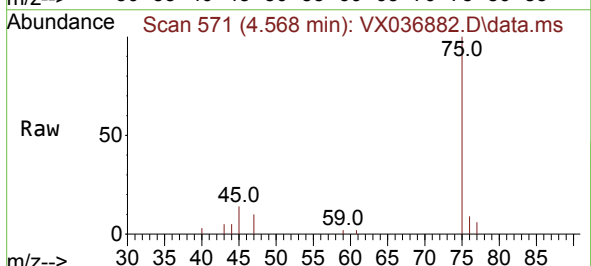
Acq: 09 Aug 2023 10:54

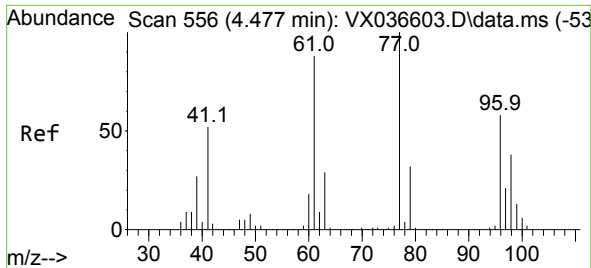
Tgt Ion: 43 Resp: 653

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#

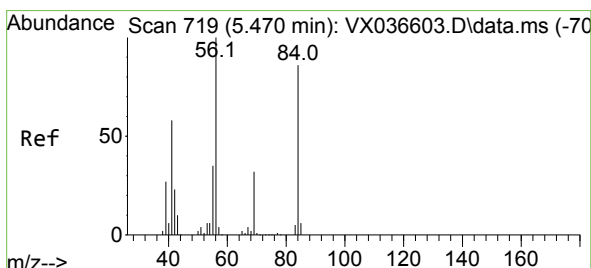
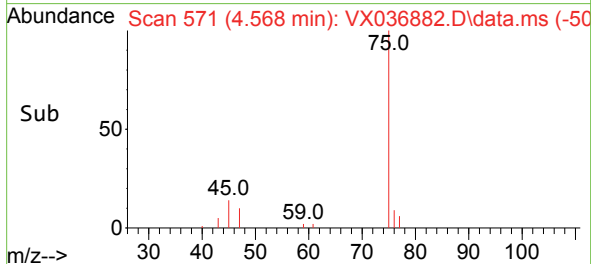
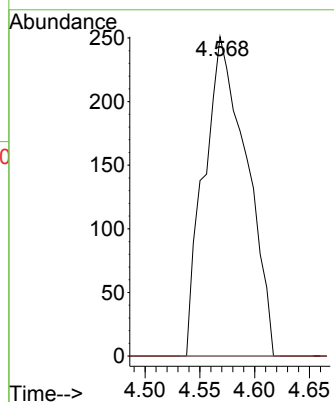
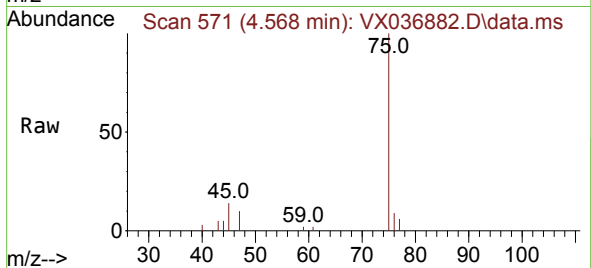




#26
2,2-Dichloropropane
Concen: 0.211 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.092 min
Lab File: VX036882.D
Acq: 09 Aug 2023 10:54

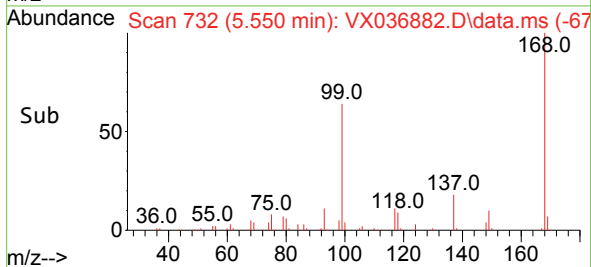
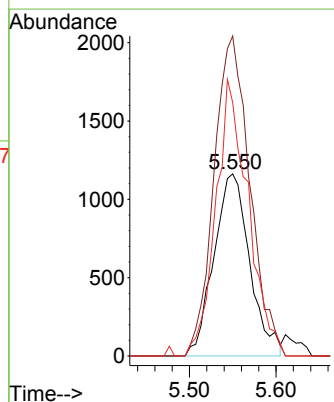
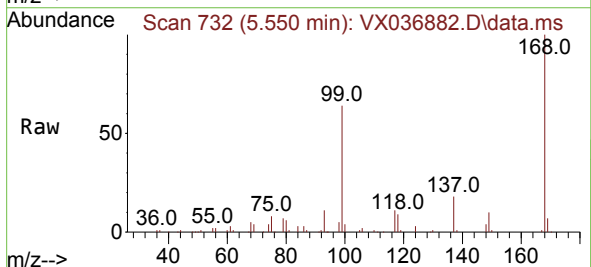
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

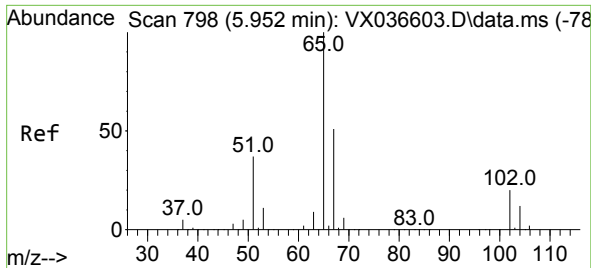
Tgt Ion: 77 Resp: 674
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036882.D
Acq: 09 Aug 2023 10:54

Tgt Ion: 56 Resp: 3340
Ion Ratio Lower Upper
56 100
69 175.7 23.4 35.2#
84 139.1 65.9 98.9#

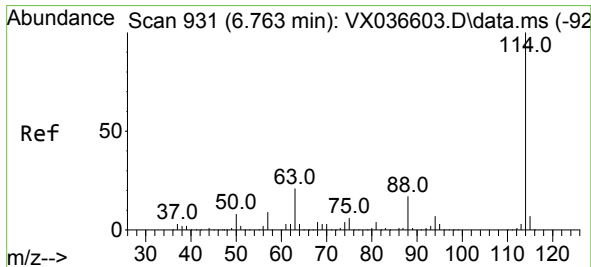
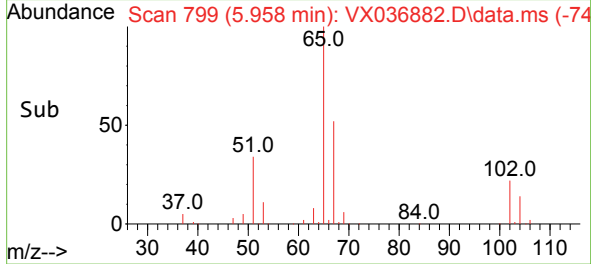
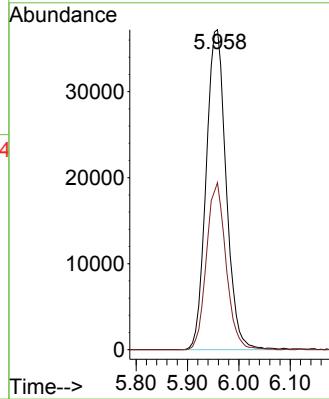
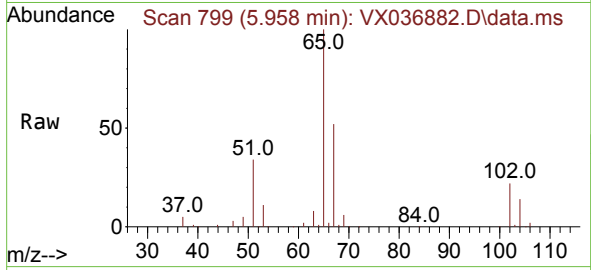




#33
 1,2-Dichloroethane-d4
 Concen: 46.980 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036882.D
 Acq: 09 Aug 2023 10:54

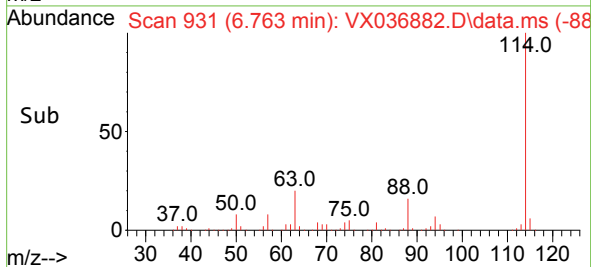
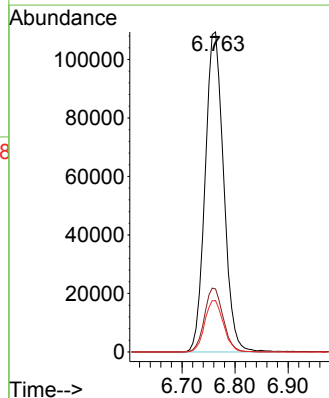
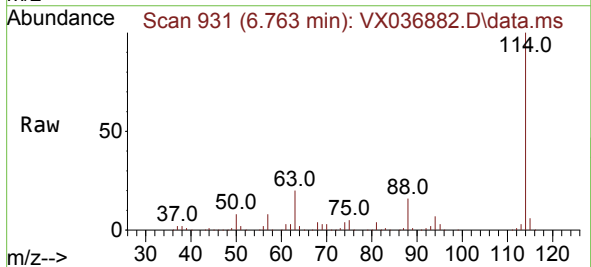
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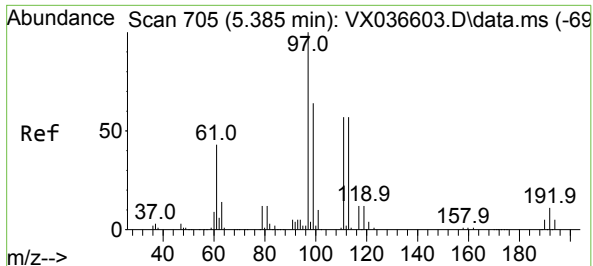
Tgt Ion: 65 Resp: 100462
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036882.D
 Acq: 09 Aug 2023 10:54

Tgt Ion: 114 Resp: 265040
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 45.0
 88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.152 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036882.D

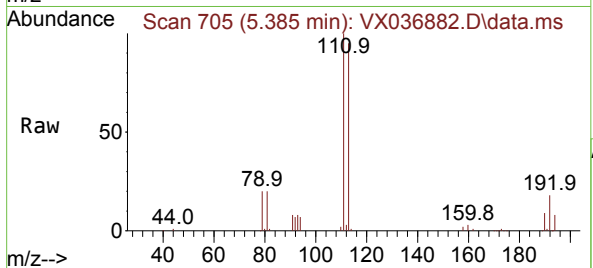
Acq: 09 Aug 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0809MBL01



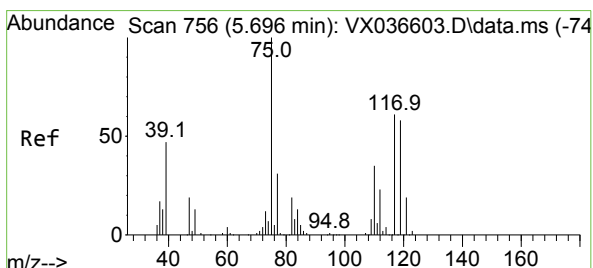
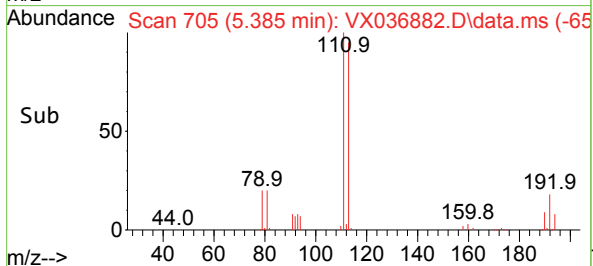
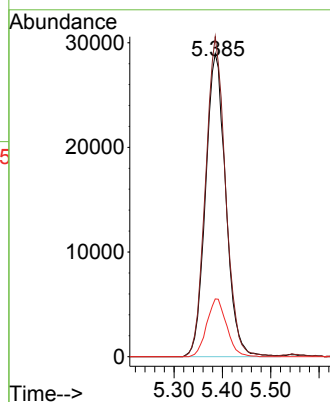
Tgt Ion:113 Resp: 84077

Ion Ratio Lower Upper

113 100

111 104.6 82.9 124.3

192 18.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.381 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX036882.D

Acq: 09 Aug 2023 10:54

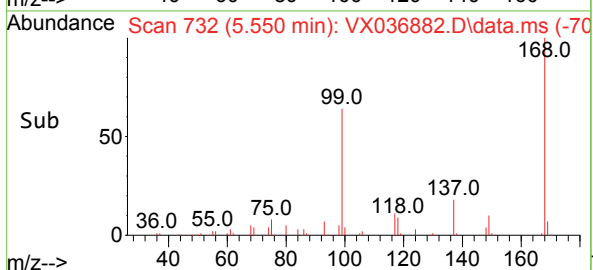
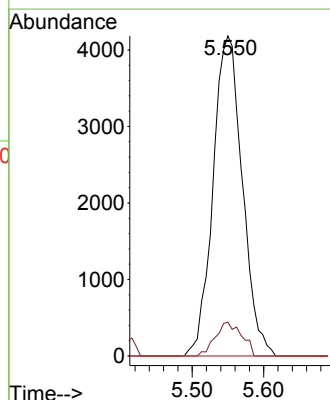
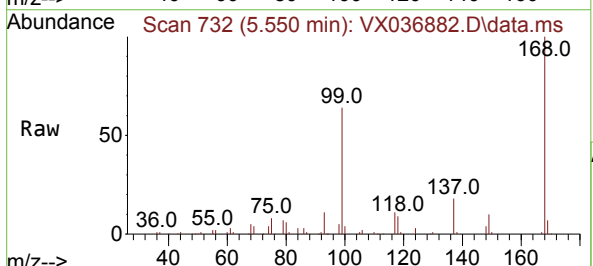
Tgt Ion: 75 Resp: 11896

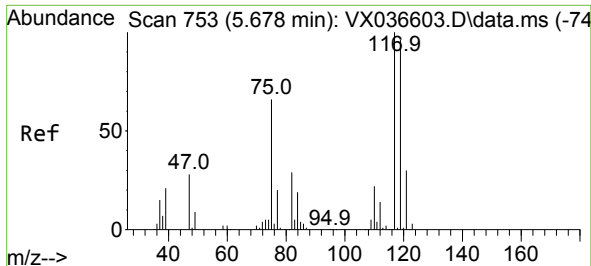
Ion Ratio Lower Upper

75 100

110 9.5 17.0 50.9#

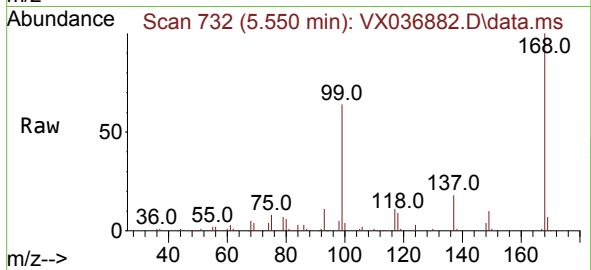
77 0.0 24.7 37.1#



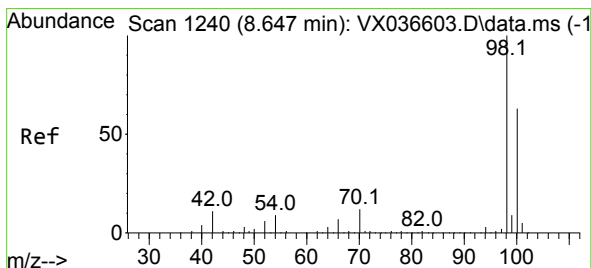
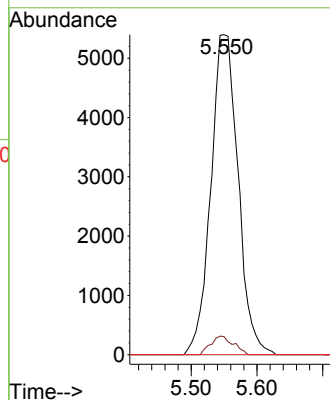
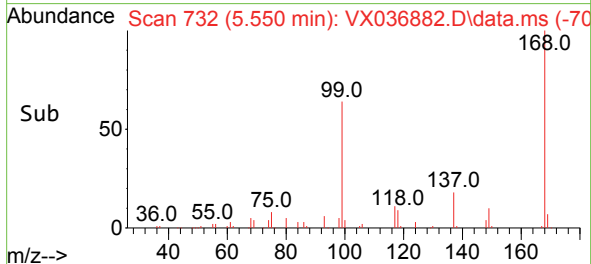


#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036882.D
Acq: 09 Aug 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

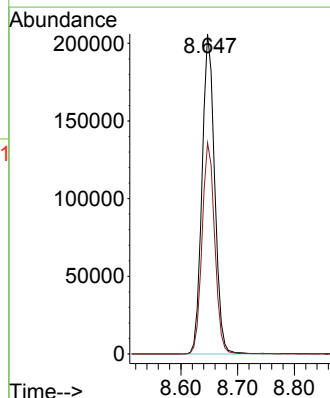
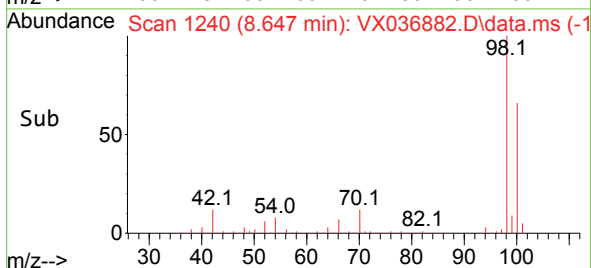
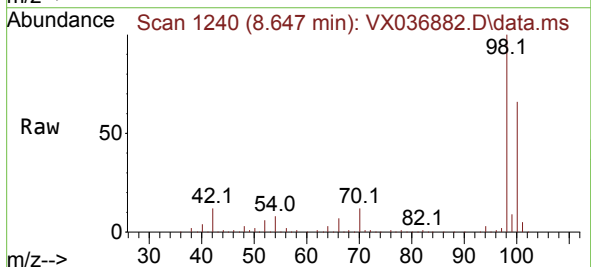


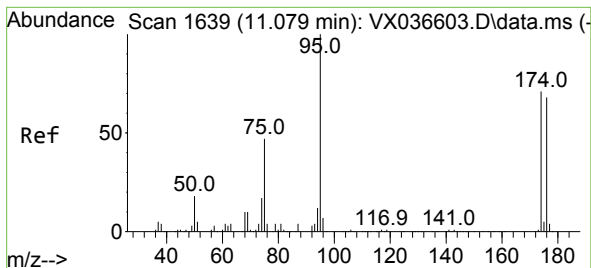
Tgt Ion:117 Resp: 15564
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.218 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036882.D
Acq: 09 Aug 2023 10:54

Tgt Ion: 98 Resp: 317964
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

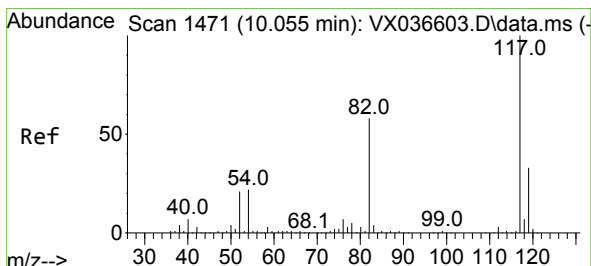
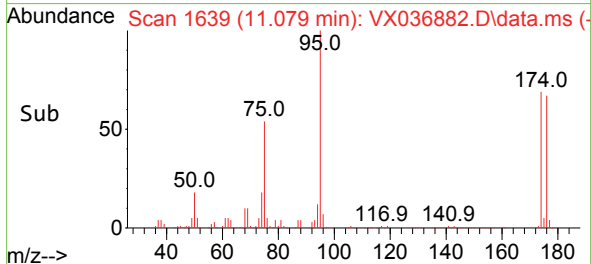
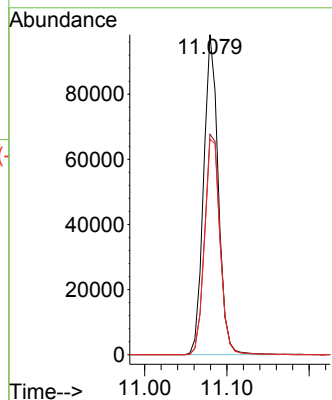
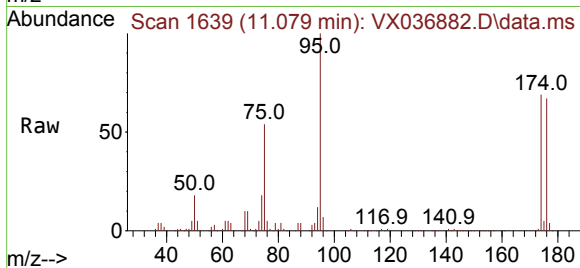




#62
4-Bromofluorobenzene
Concen: 49.851 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036882.D
Acq: 09 Aug 2023 10:54

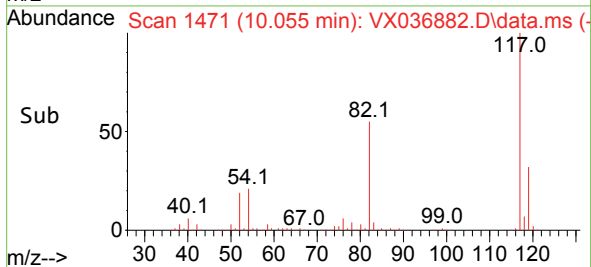
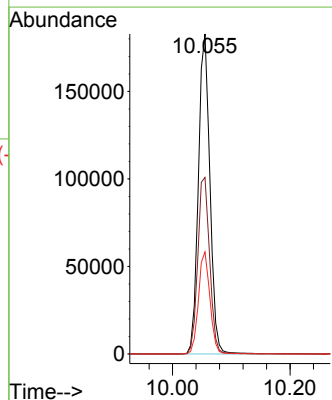
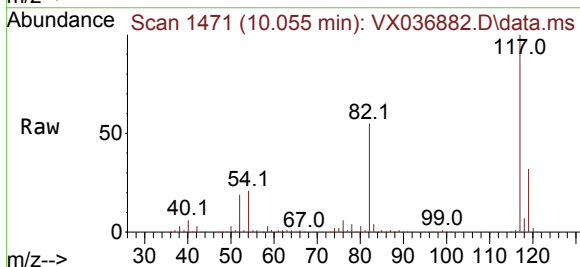
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

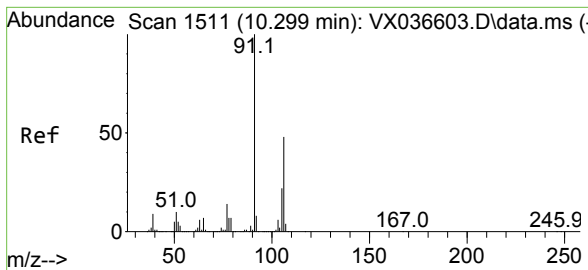
Tgt Ion: 95 Resp: 121504
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 71.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036882.D
Acq: 09 Aug 2023 10:54

Tgt Ion: 117 Resp: 248776
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.9 25.5 38.3

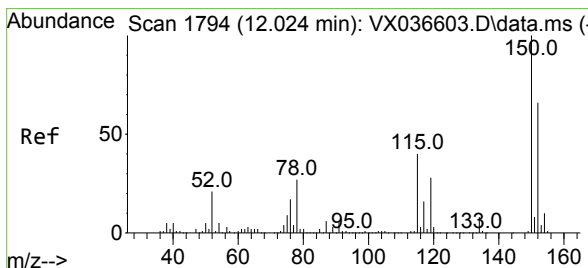
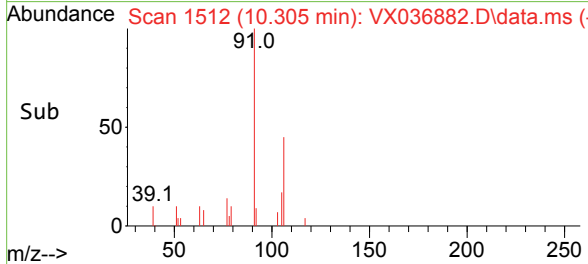
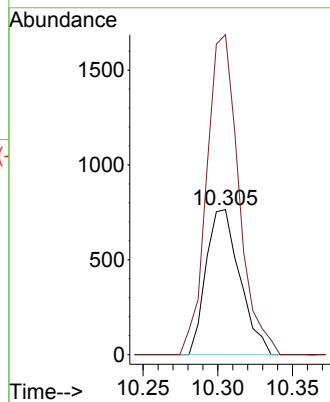
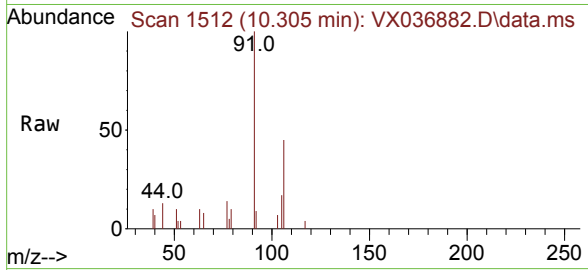




#68
m/p-Xylenes
Concen: 0.322 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036882.D
Acq: 09 Aug 2023 10:54

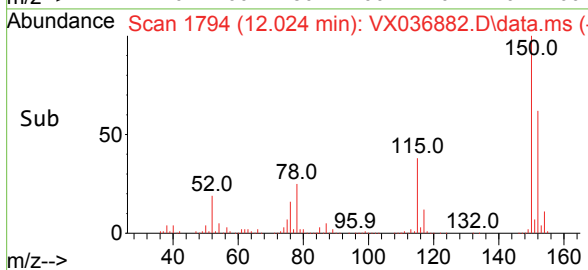
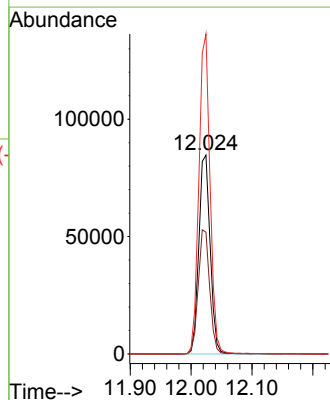
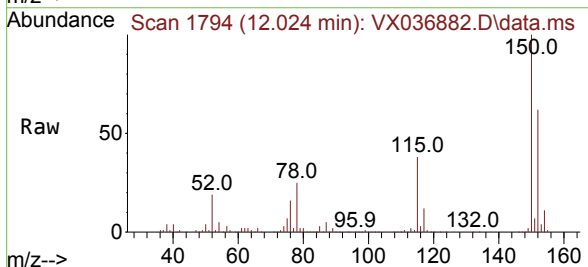
Instrument :
MSVOA_X
ClientSampleId :
VX0809MBL01

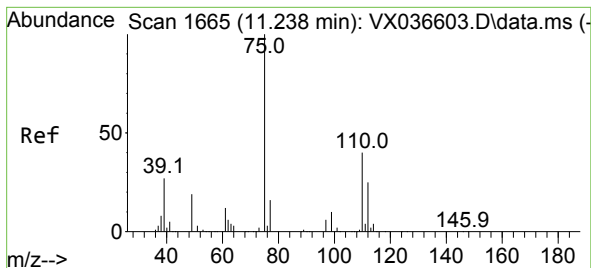
Tgt Ion:106 Resp: 1202
Ion Ratio Lower Upper
106 100
91 210.2 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036882.D
Acq: 09 Aug 2023 10:54

Tgt Ion:152 Resp: 109919
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 157.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.669 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036882.D

Acq: 09 Aug 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

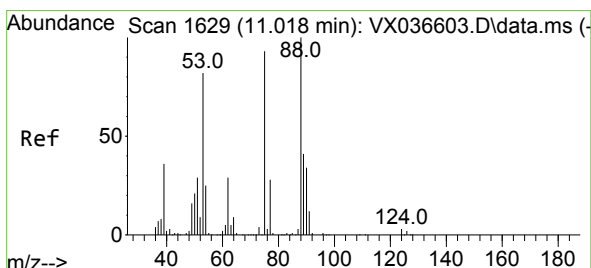
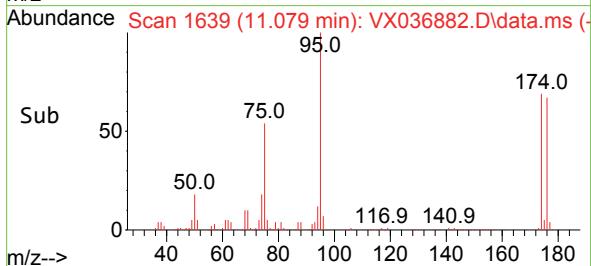
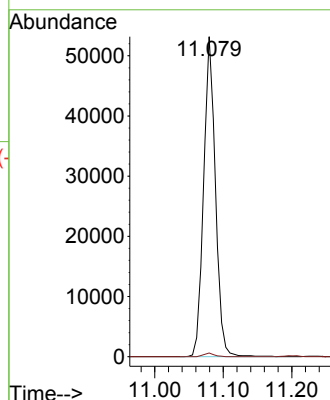
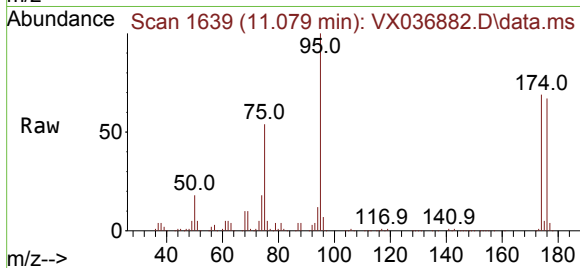
VX0809MBL01

Tgt Ion: 75 Resp: 63779

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.913 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036882.D

Acq: 09 Aug 2023 10:54

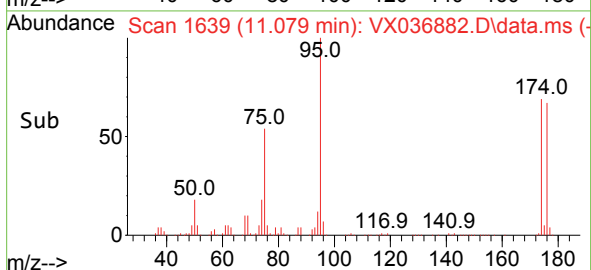
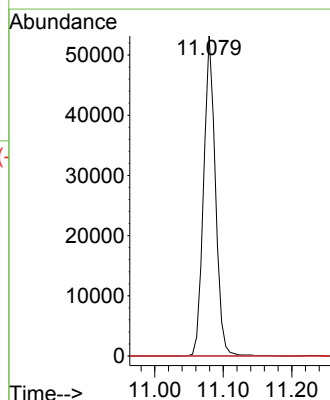
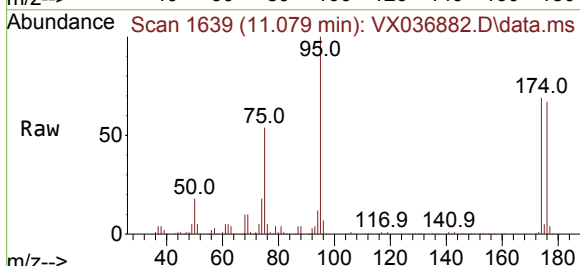
Tgt Ion: 75 Resp: 63779

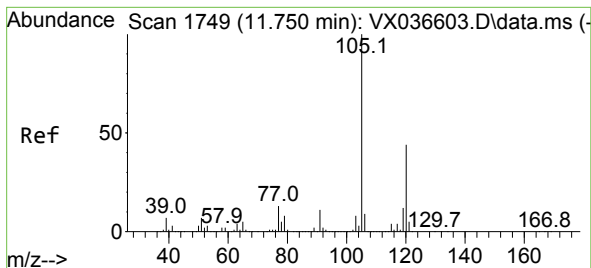
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.313 ug/l

RT: 11.756 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036882.D

Acq: 09 Aug 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

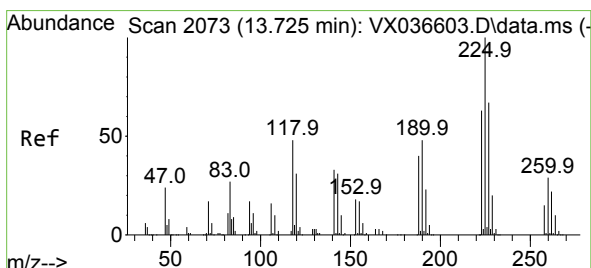
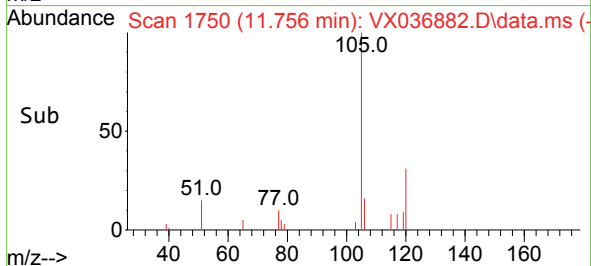
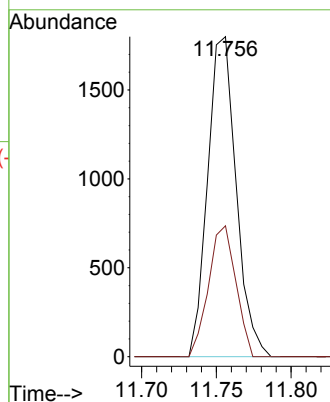
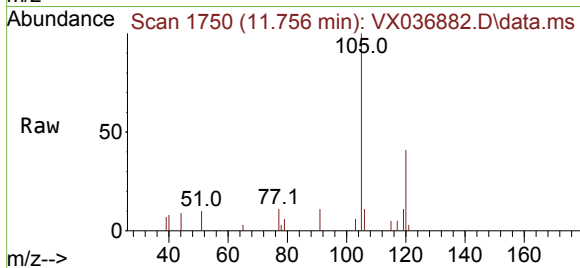
VX0809MBL01

Tgt Ion:105 Resp: 2385

Ion Ratio Lower Upper

105 100

120 39.1 21.2 63.6



#94

Hexachlorobutadiene

Concen: 0.251 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036882.D

Acq: 09 Aug 2023 10:54

Tgt Ion:225 Resp: 237

Ion Ratio Lower Upper

225 100

223 58.2 31.1 93.2

227 61.6 32.5 97.5

