

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037710.D
 Acq On : 14 Sep 2023 03:46
 Operator : JC/MD
 Sample : VX0913WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 05:28:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	232501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	409512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168832	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164292	43.675	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.340%
35) Dibromofluoromethane	5.385	113	132242	45.559	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.120%
50) Toluene-d8	8.647	98	493118	45.045	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.100%#
62) 4-Bromofluorobenzene	11.079	95	175346	44.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.800%

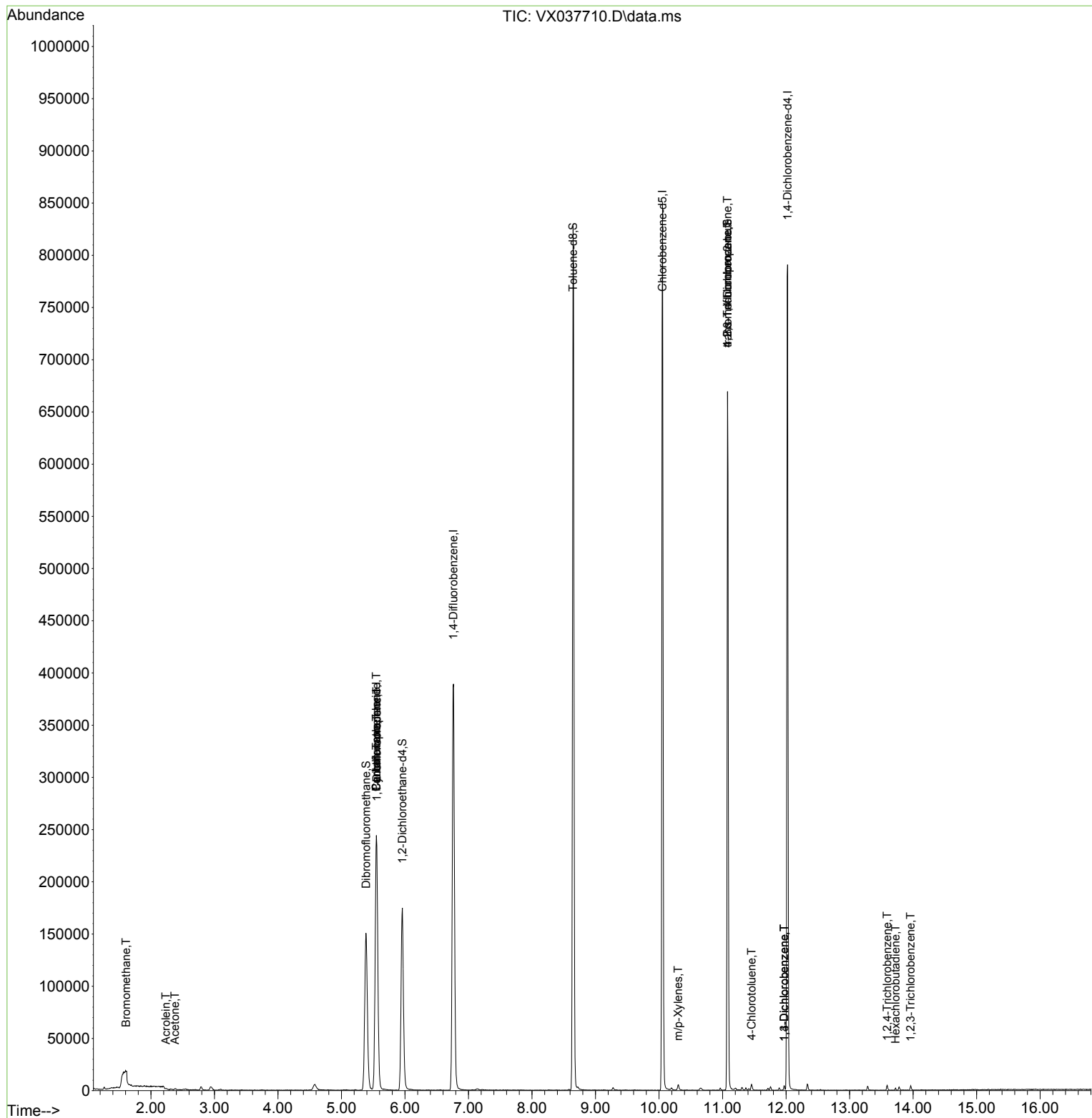
Target Compounds			Qvalue			
5) Bromomethane	1.605	94	652	0.239	ug/l	89
11) Tert butyl alcohol	2.934	59	2202	Below Cal	#	78
13) Acrolein	2.233	56	262	0.426	ug/l #	73
16) Acetone	2.380	43	1287	0.846	ug/l #	57
20) Methylene Chloride	2.788	84	1608	Below Cal		87
31) Cyclohexane	5.550	56	5273	1.217	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	18627	4.717	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24224	6.005	ug/l #	15
68) m/p-Xylenes	10.299	106	1269	0.229	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	89951	24.234	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	89951	73.666	ug/l #	5
82) 4-Chlorotoluene	11.457	91	2083	0.204	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	1477	0.257	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	1477	0.250	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	1423	0.415	ug/l	97
94) Hexachlorobutadiene	13.725	225	371	0.259	ug/l	94
96) 1,2,3-Trichlorobenzene	13.963	180	1109	0.315	ug/l	88

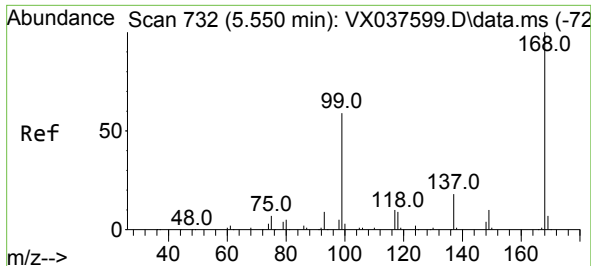
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX037710.D
Acq On : 14 Sep 2023 03:46
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

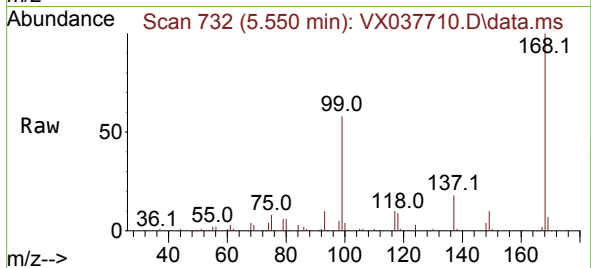
Quant Time: Sep 14 05:28:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration



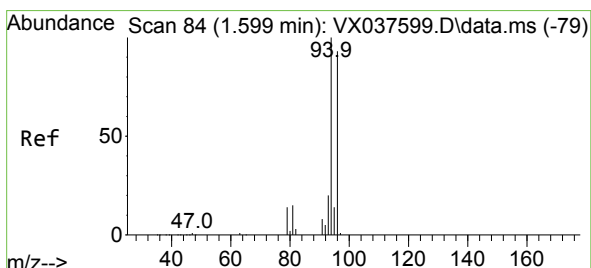
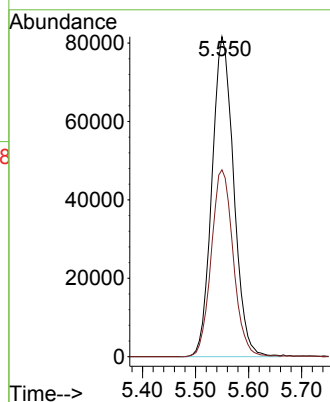
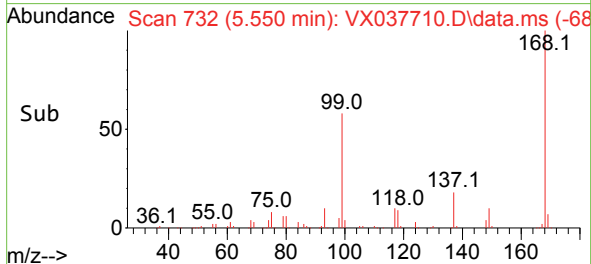


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

Instrument :
MSVOA_X
ClientSampleId :

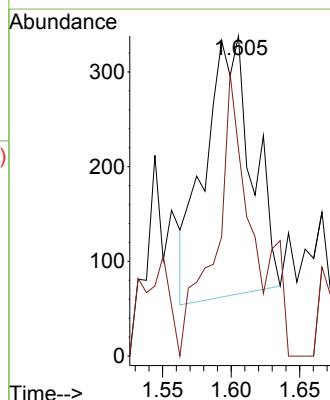
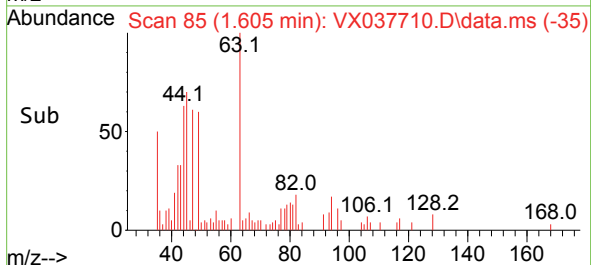
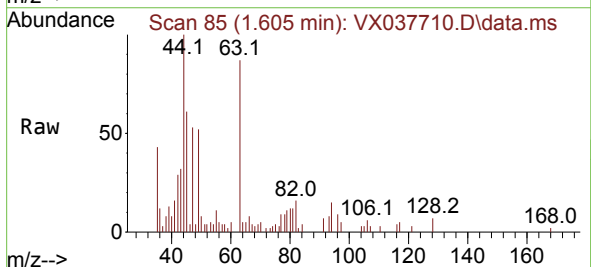


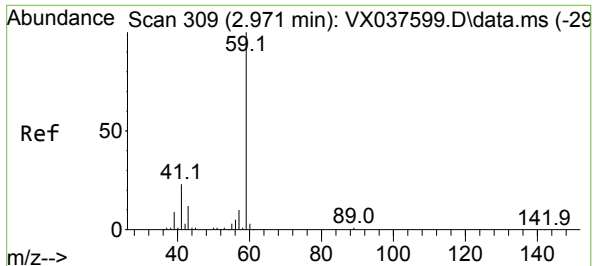
Tgt Ion:168 Resp: 232501
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#5
Bromomethane
Concen: 0.239 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

Tgt Ion: 94 Resp: 652
Ion Ratio Lower Upper
94 100
96 83.0 74.6 111.8





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.934 min Scan# 30

Delta R.T. -0.037 min

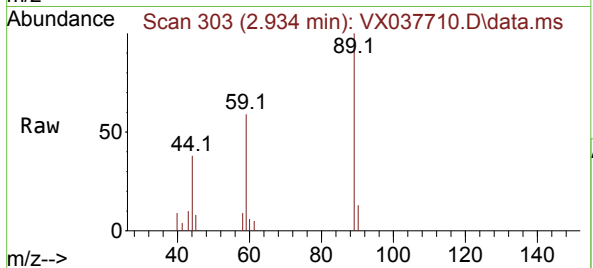
Lab File: VX037710.D

Acq: 14 Sep 2023 03:46

Instrument :

MSVOA_X

ClientSampleId :

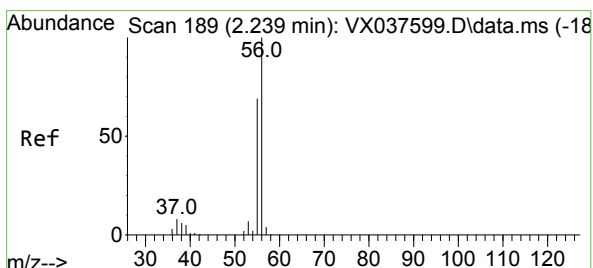
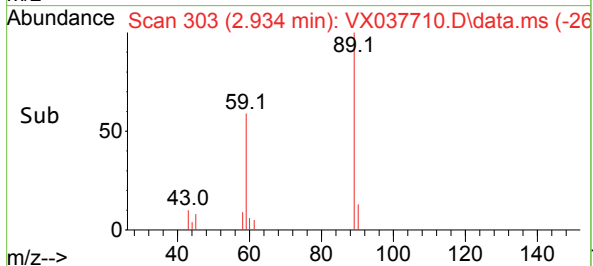
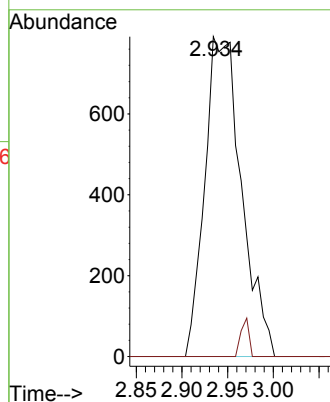


Tgt Ion: 59 Resp: 2202

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.426 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX037710.D

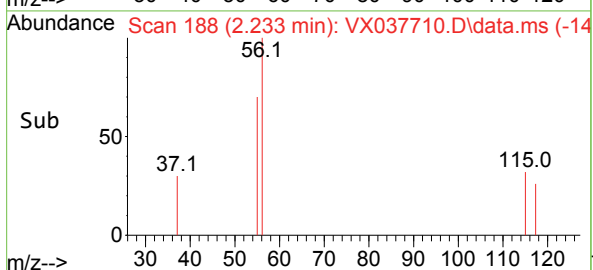
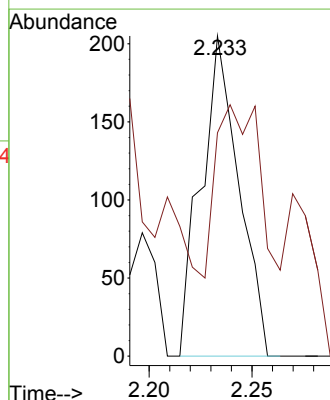
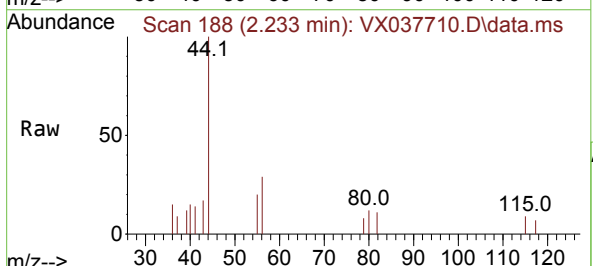
Acq: 14 Sep 2023 03:46

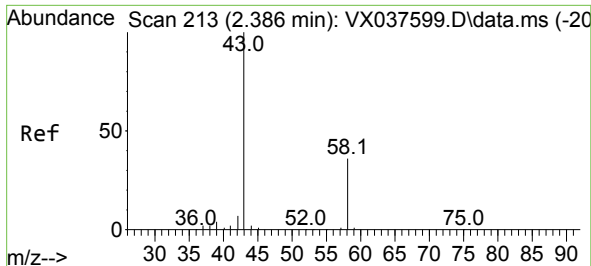
Tgt Ion: 56 Resp: 262

Ion Ratio Lower Upper

56 100

55 93.5 57.1 85.7#





#16

Acetone

Concen: 0.846 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037710.D

Acq: 14 Sep 2023 03:46

Instrument :

MSVOA_X

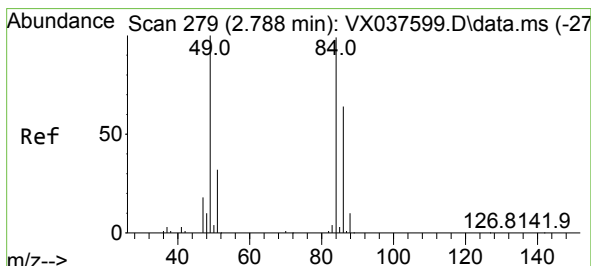
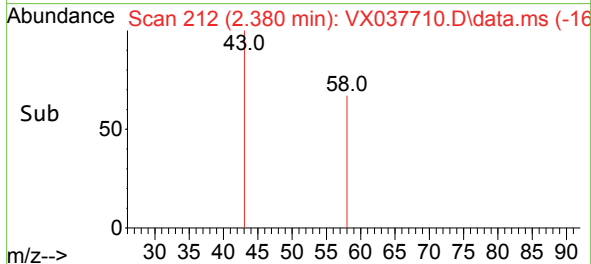
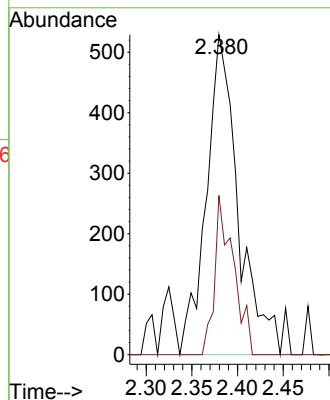
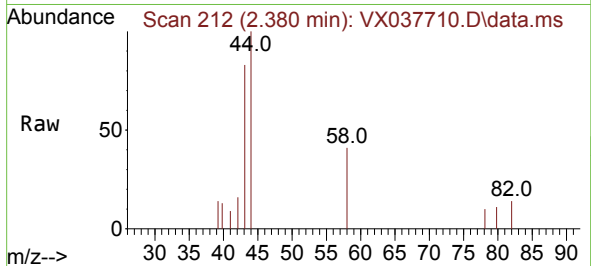
ClientSampleId :

Tgt Ion: 43 Resp: 1287

Ion Ratio Lower Upper

43 100

58 49.7 21.9 32.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037710.D

Acq: 14 Sep 2023 03:46

Tgt Ion: 84 Resp: 1608

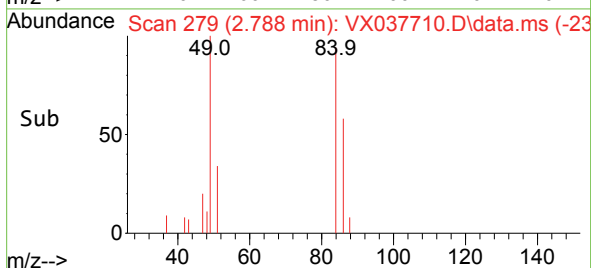
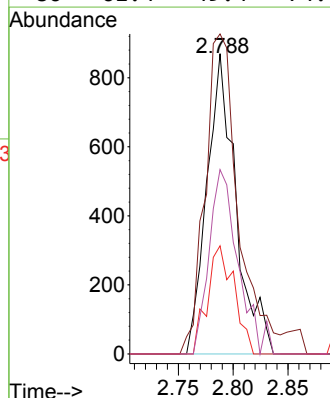
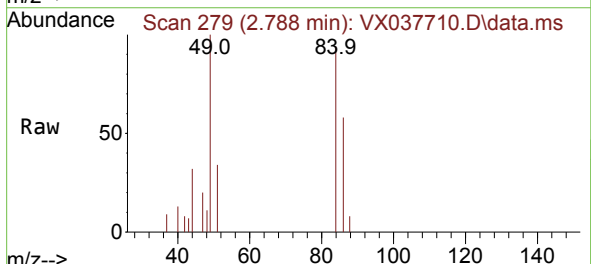
Ion Ratio Lower Upper

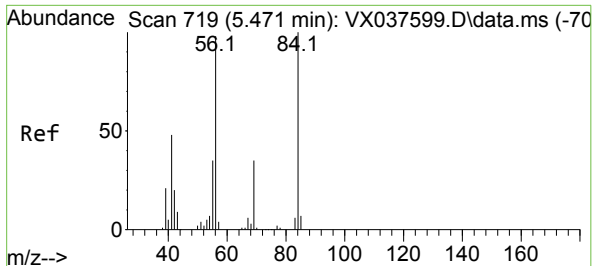
84 100

49 106.6 103.6 155.4

51 36.0 33.8 50.6

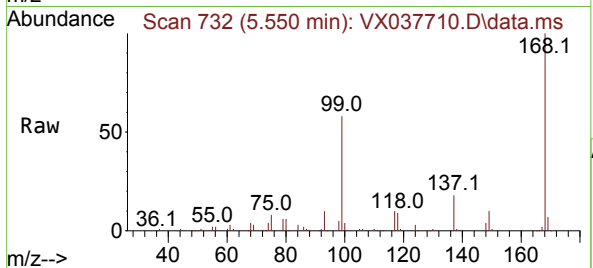
86 61.4 49.4 74.0



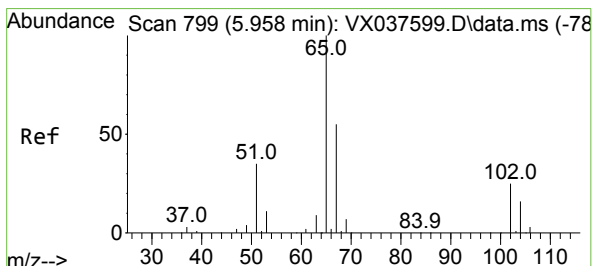
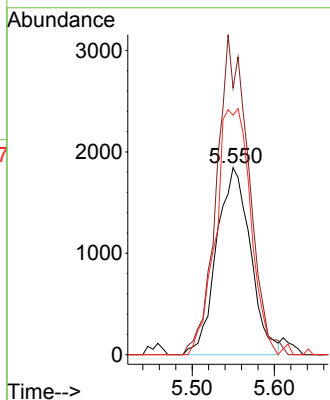
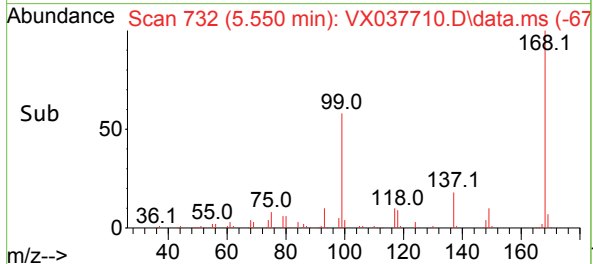


#31
Cyclohexane
Concen: 1.217 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

Instrument :
MSVOA_X
ClientSampleId :

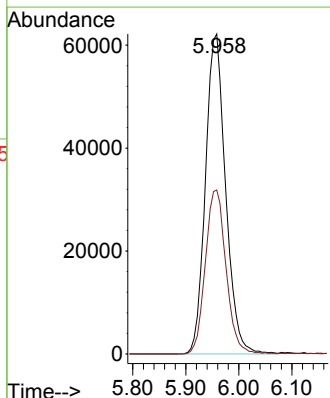
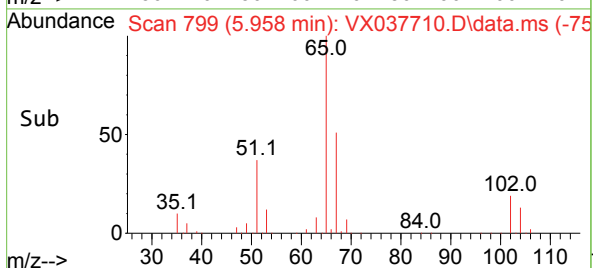
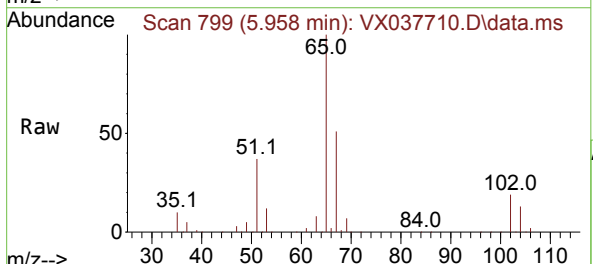


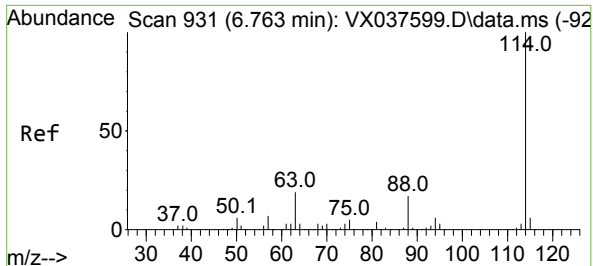
Tgt Ion: 56 Resp: 5273
Ion Ratio Lower Upper
56 100
69 142.5 23.4 35.2#
84 128.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.675 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

Tgt Ion: 65 Resp: 164292
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

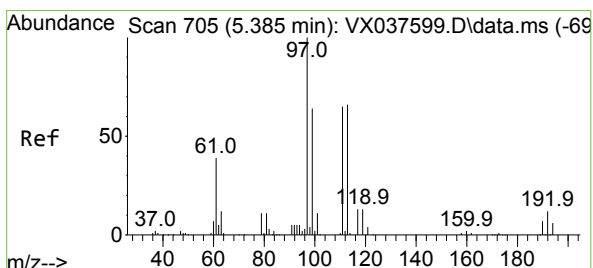
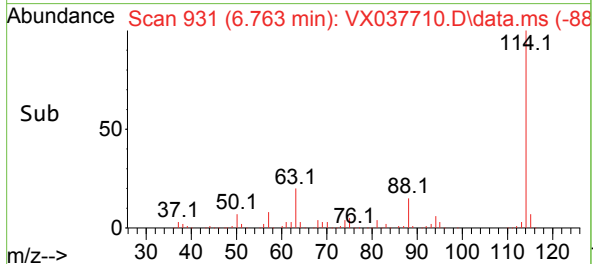
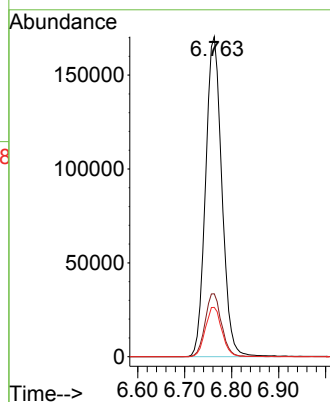
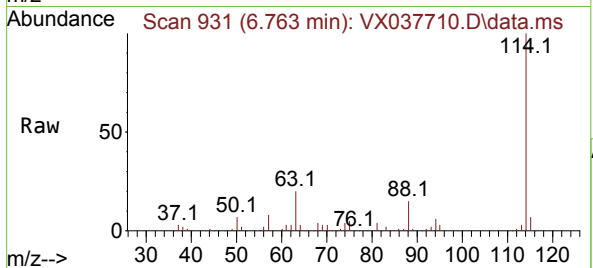




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

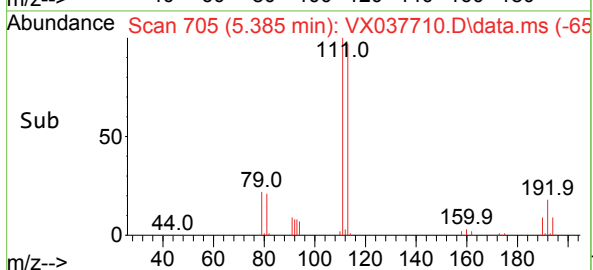
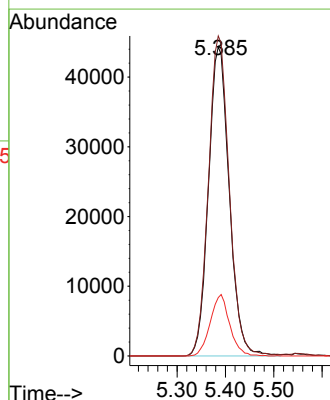
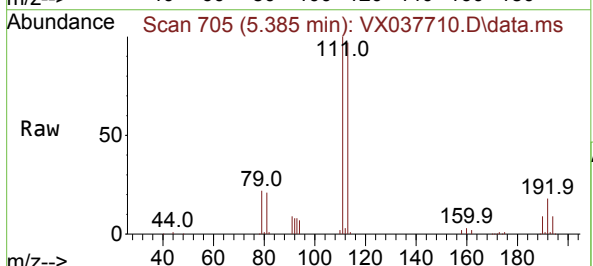
Instrument :
MSVOA_X
ClientSampleId :

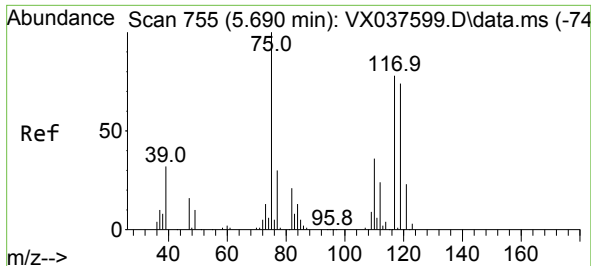
Tgt Ion:114 Resp: 409512
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.559 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

Tgt Ion:113 Resp: 132242
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.7 13.3 19.9

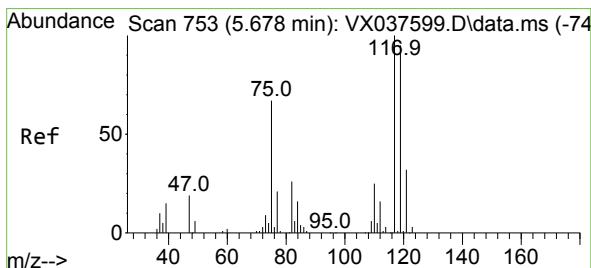
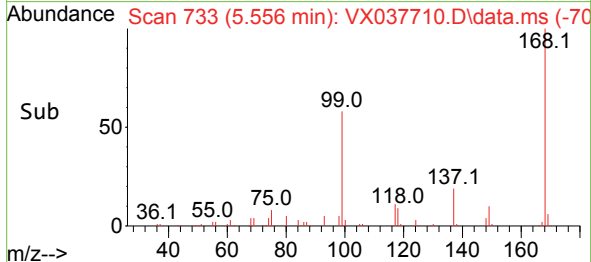
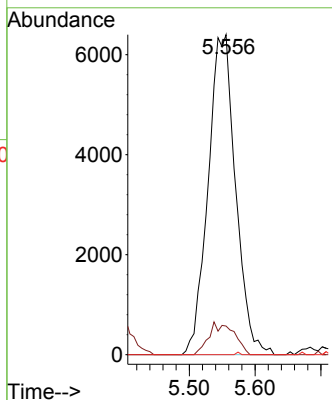
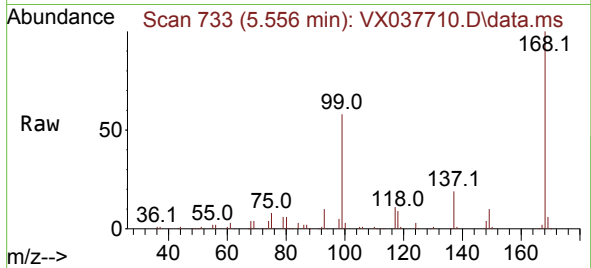




#36
1,1-Dichloropropene
Concen: 4.717 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

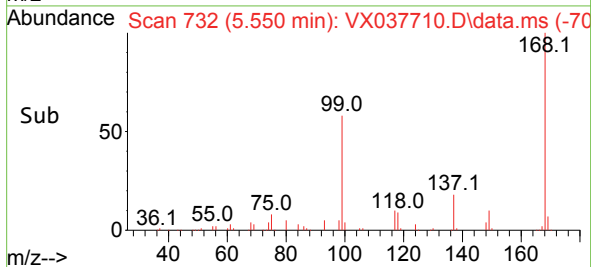
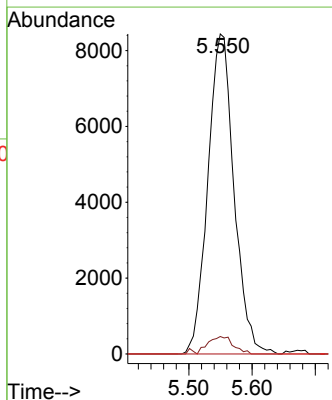
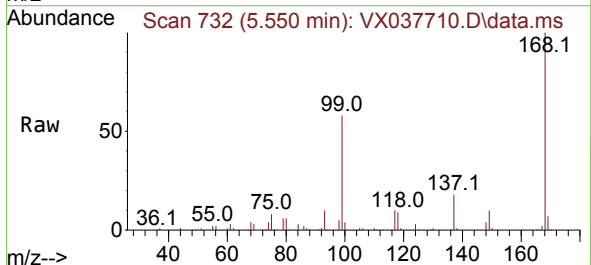
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MSVOA_X
ClientSampleId :

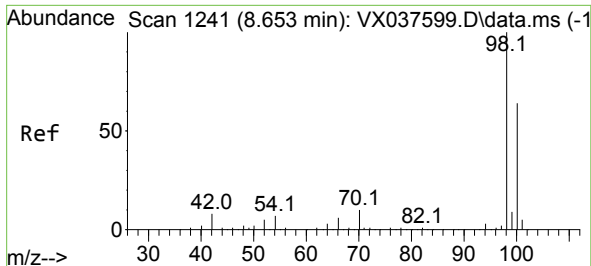
Tgt Ion: 75 Resp: 18627
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.005 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

Tgt Ion:117 Resp: 24224
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

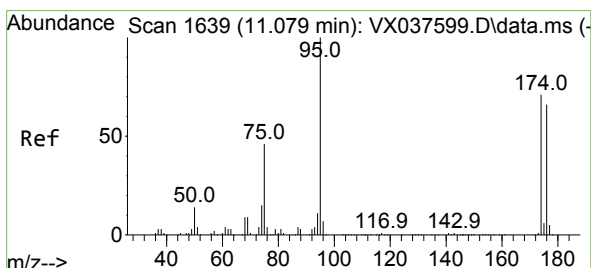
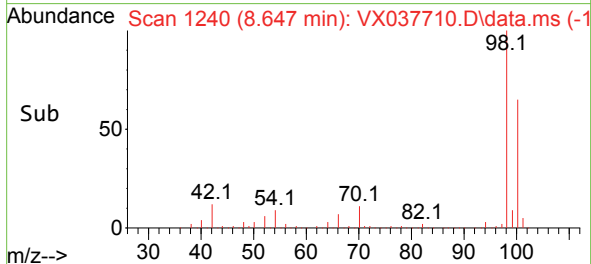
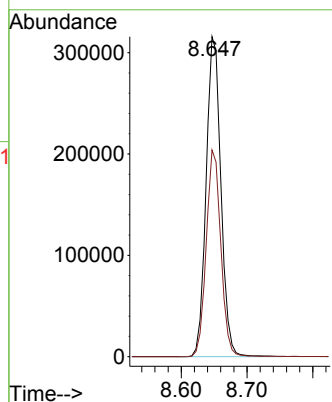
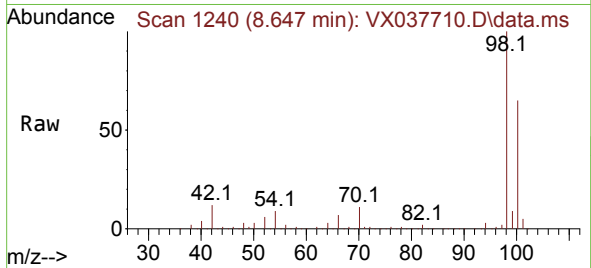




#50
Toluene-d8
Concen: 45.045 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

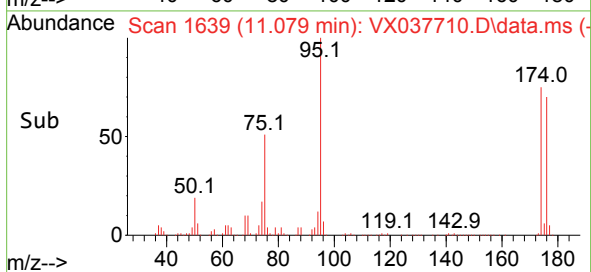
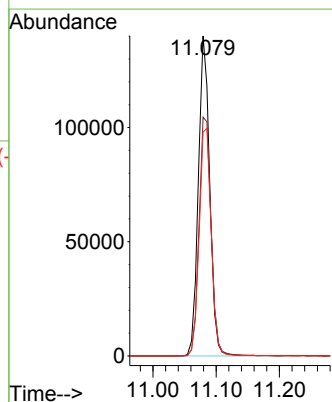
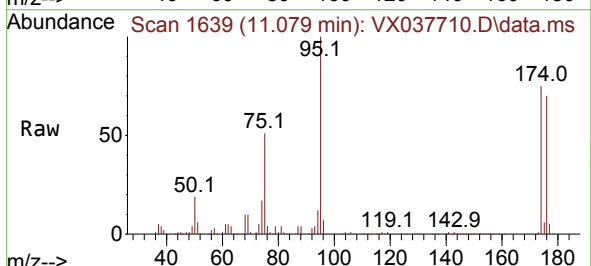
Instrument :
MSVOA_X
ClientSampleId :

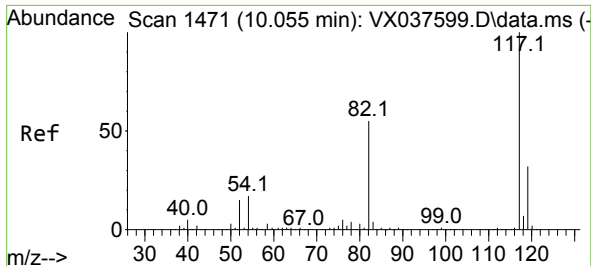
Tgt Ion: 98 Resp: 493118
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.397 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

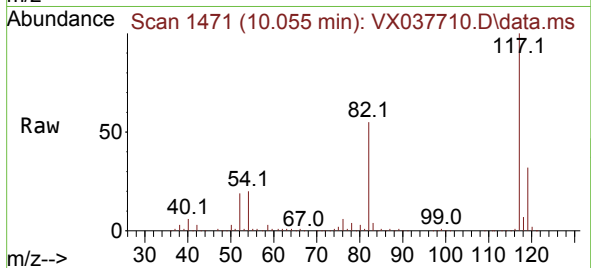
Tgt Ion: 95 Resp: 175346
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 75.3 0.0 131.0



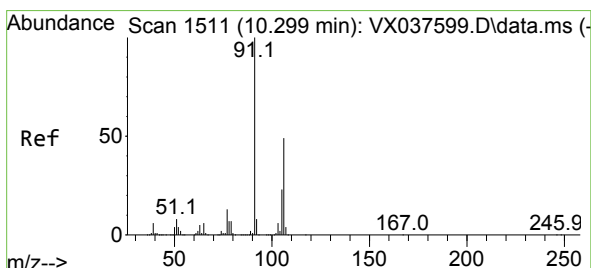
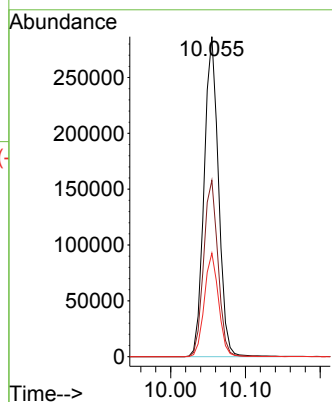
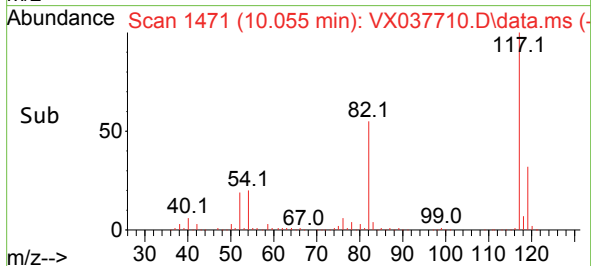


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

Instrument :
MSVOA_X
ClientSampleId :

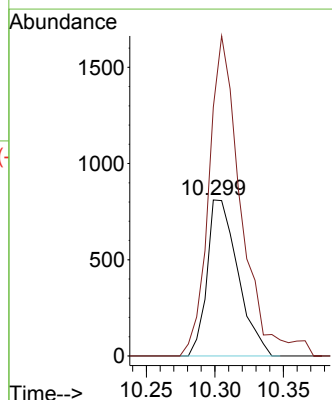
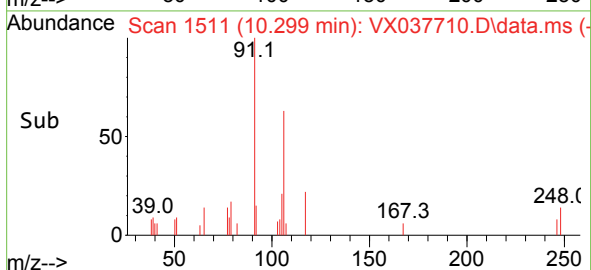
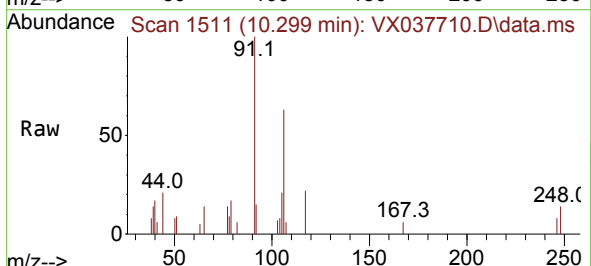


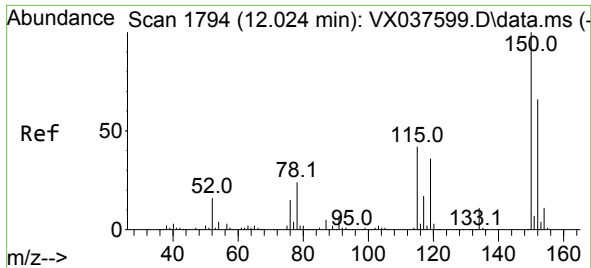
Tgt Ion:117 Resp: 382595
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.3 25.5 38.3



#68
m/p-Xylenes
Concen: 0.229 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

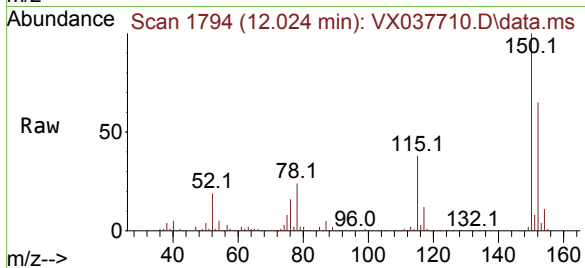
Tgt Ion:106 Resp: 1269
Ion Ratio Lower Upper
106 100
91 214.6 165.5 248.3



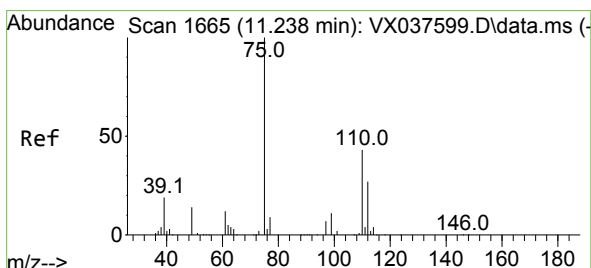
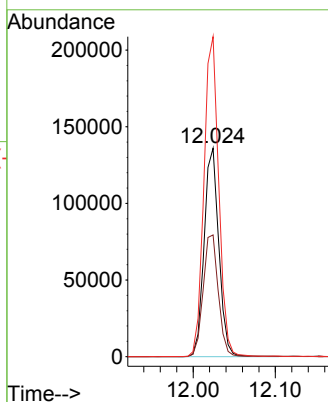
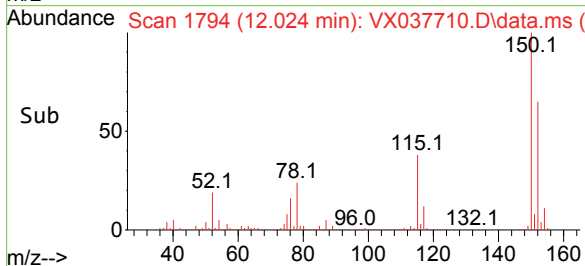


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

Instrument :
MSVOA_X
ClientSampleId :

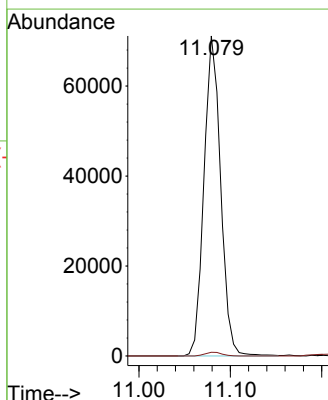
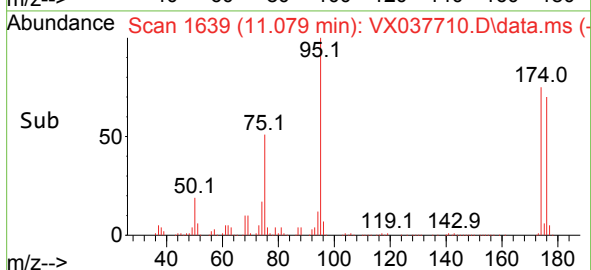
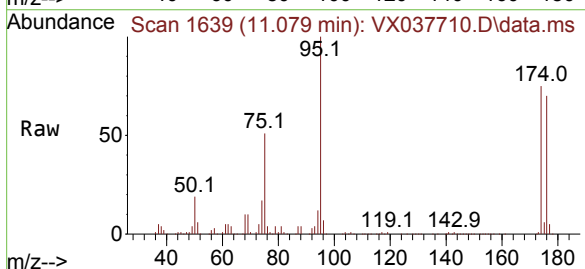


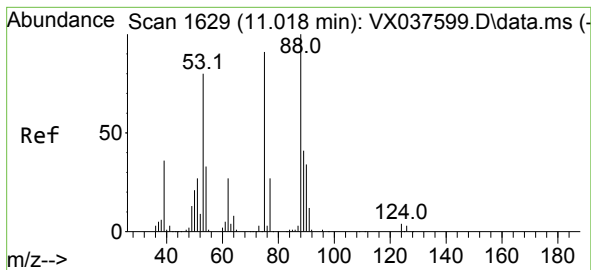
Tgt Ion:152 Resp: 168832
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 154.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.234 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

Tgt Ion: 75 Resp: 89951
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

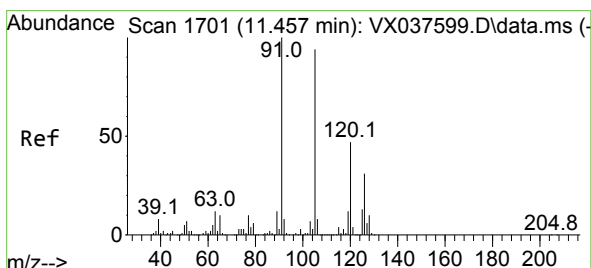
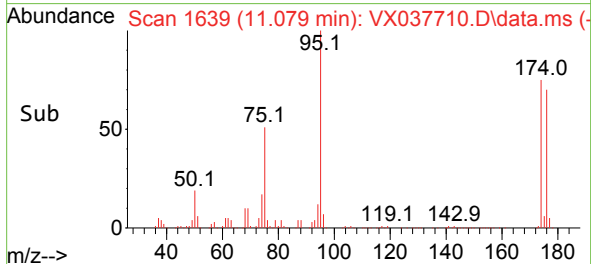
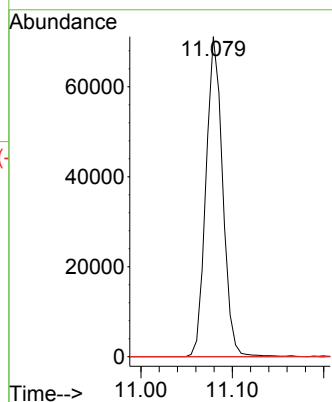
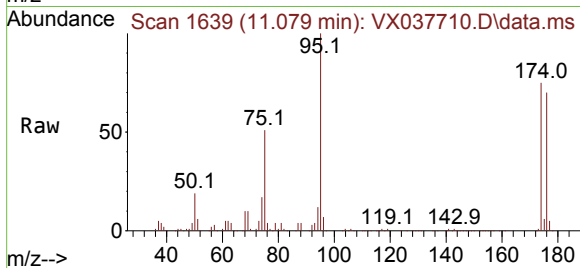




#81
trans-1,4-Dichloro-2-butene
Concen: 73.666 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

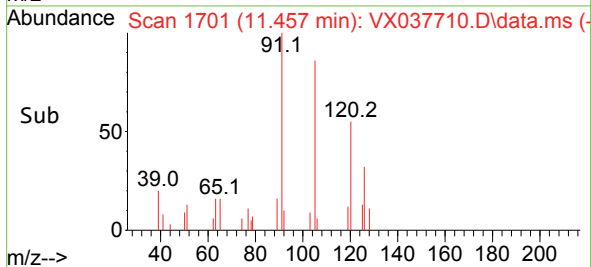
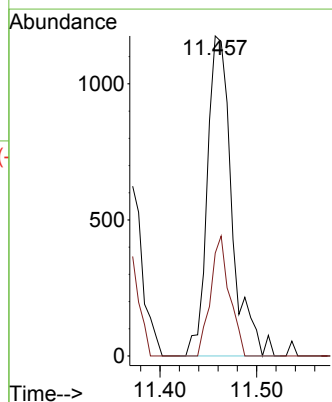
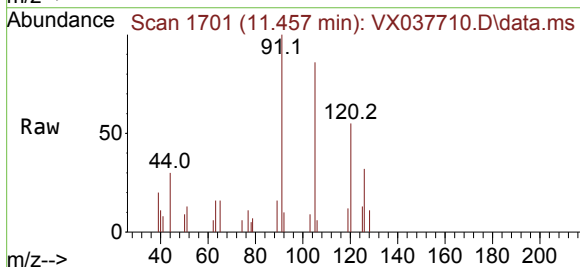
Instrument :
MSVOA_X
ClientSampleId :

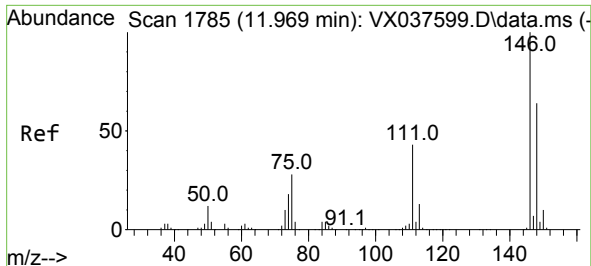
Tgt Ion: 75 Resp: 89951
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.204 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037710.D
Acq: 14 Sep 2023 03:46

Tgt Ion: 91 Resp: 2083
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#87

1,3-Dichlorobenzene

Concen: 0.257 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

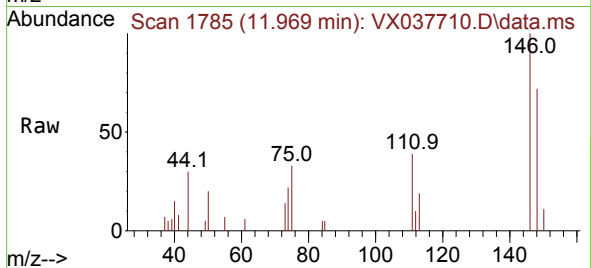
Lab File: VX037710.D

Acq: 14 Sep 2023 03:46

Instrument :

MSVOA_X

ClientSampleId :



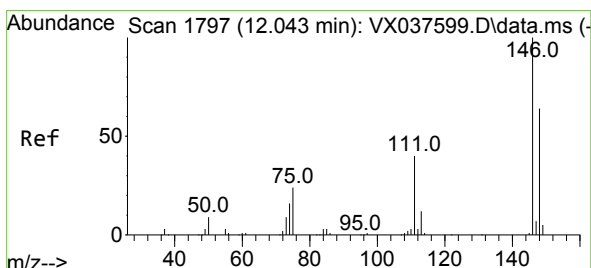
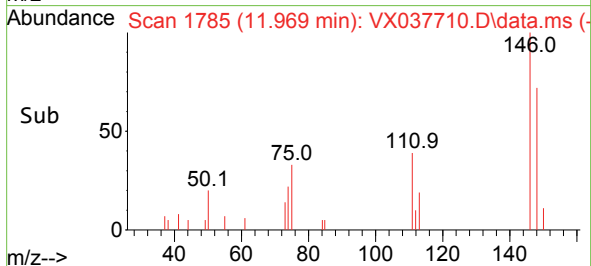
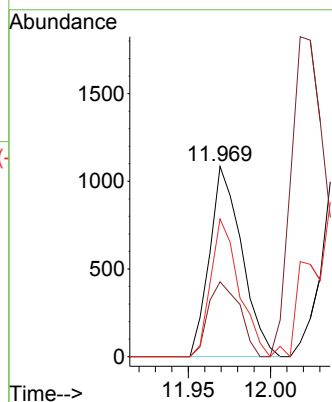
Tgt Ion:146 Resp: 1477

Ion Ratio Lower Upper

146 100

111 38.4 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.250 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX037710.D

Acq: 14 Sep 2023 03:46

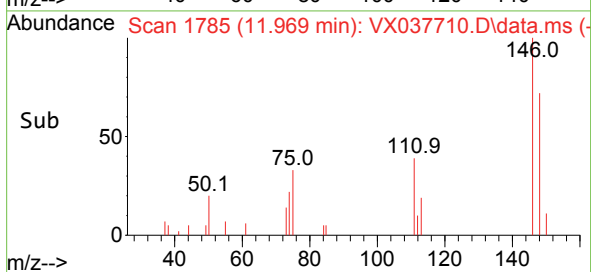
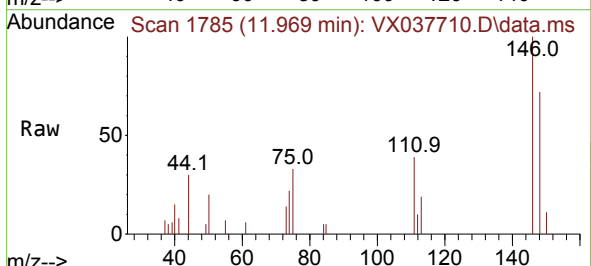
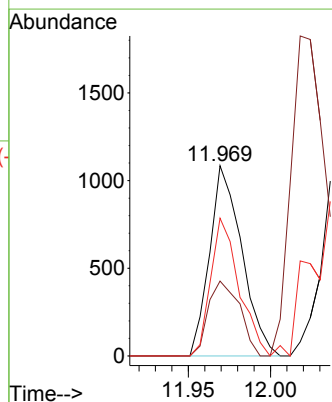
Tgt Ion:146 Resp: 1477

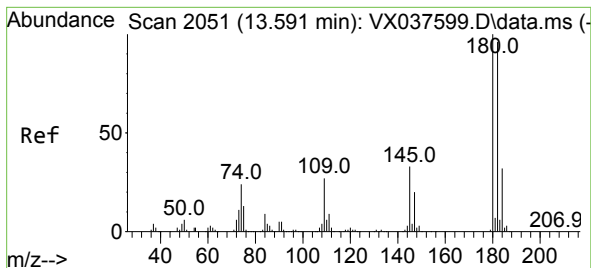
Ion Ratio Lower Upper

146 100

111 38.4 21.3 63.7

148 63.7 31.8 95.4





#93

1,2,4-Trichlorobenzene

Concen: 0.415 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

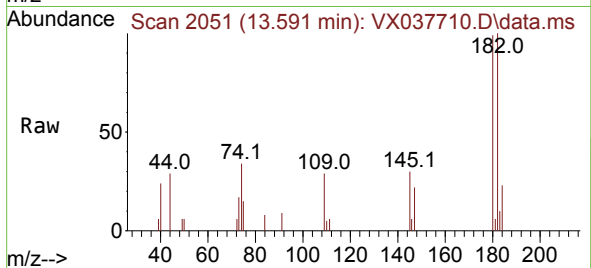
Lab File: VX037710.D

Acq: 14 Sep 2023 03:46

Instrument :

MSVOA_X

ClientSampleId :



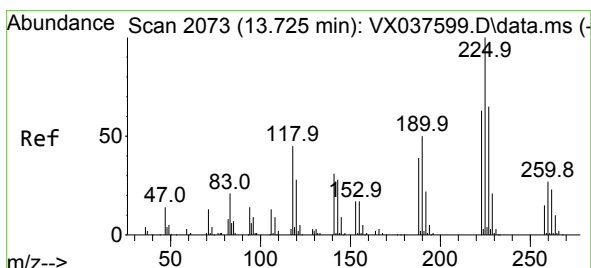
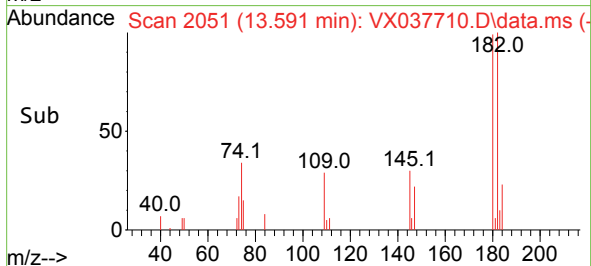
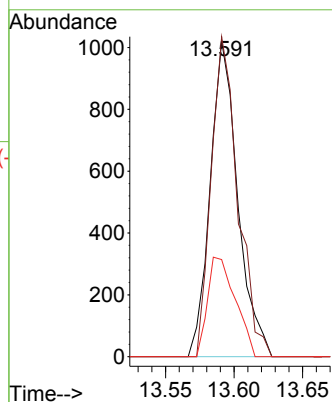
Tgt Ion:180 Resp: 1423

Ion Ratio Lower Upper

180 100

182 97.9 48.3 144.8

145 31.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.259 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037710.D

Acq: 14 Sep 2023 03:46

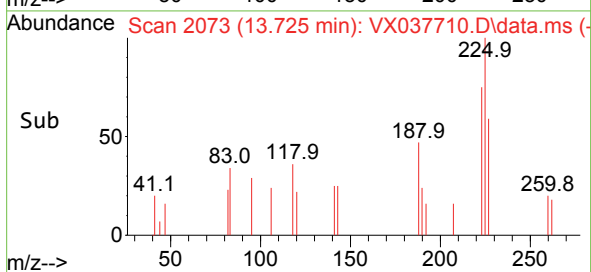
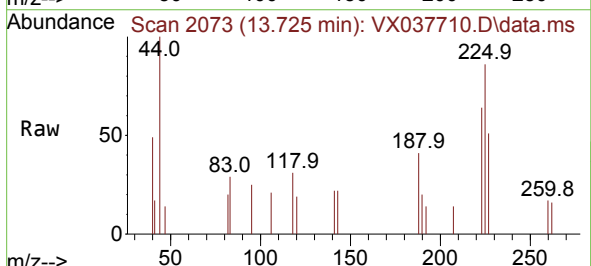
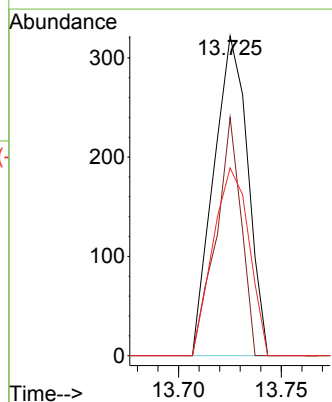
Tgt Ion:225 Resp: 371

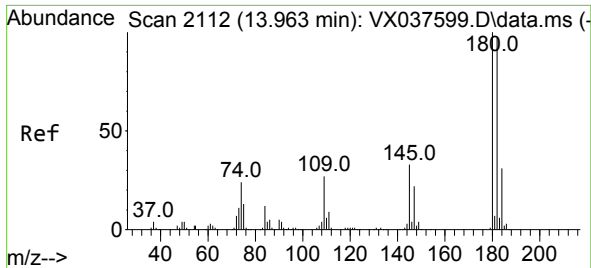
Ion Ratio Lower Upper

225 100

223 55.0 31.1 93.2

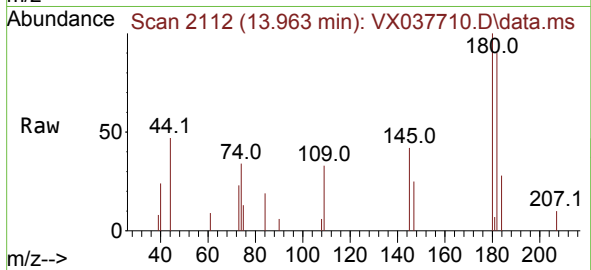
227 62.0 32.5 97.5





#96
 1,2,3-Trichlorobenzene
 Concen: 0.315 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX037710.D
 Acq: 14 Sep 2023 03:46

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1109
Ion	Ratio	Lower	Upper
180	100		
182	108.6	46.9	140.6
145	36.6	17.8	53.5

