

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011224\
 Data File : VX039732.D
 Acq On : 12 Jan 2024 13:21
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 22:37:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

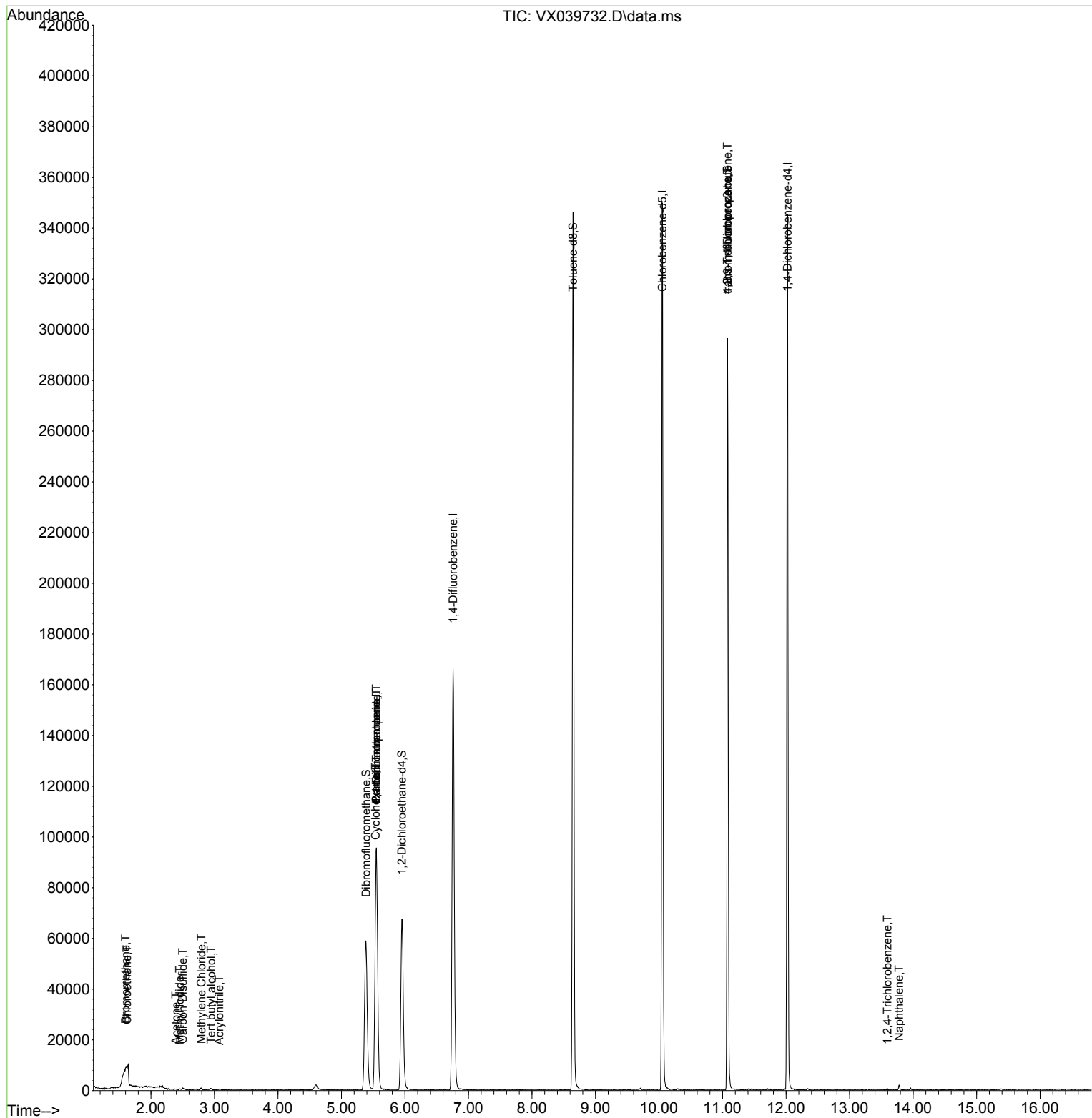
Internal Standards						
1) Pentafluorobenzene	5.550	168	87573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64834	44.196	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.400%
35) Dibromofluoromethane	5.385	113	53550	47.936	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.880%
50) Toluene-d8	8.647	98	204015	48.422	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.840%
62) 4-Bromofluorobenzene	11.079	95	79151	48.040	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	499	0.716	ug/l	86
6) Chloroethane	1.624	64	187	0.269	ug/l #	64
10) Methyl Iodide	2.453	142	290	0.252	ug/l #	44
11) Tert butyl alcohol	2.946	59	441	1.155	ug/l #	78
13) Acrolein	2.239	56	88	Below Cal		85
15) Acrylonitrile	3.074	53	170	0.216	ug/l #	70
16) Acetone	2.392	43	272	0.330	ug/l #	47
17) Carbon Disulfide	2.501	76	735	0.243	ug/l #	76
20) Methylene Chloride	2.794	84	299	0.240	ug/l #	88
31) Cyclohexane	5.537	56	1042	0.538	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7481	4.302	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9467	5.944	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	42447	23.811	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42447	68.488	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	301	0.213	ug/l #	65
95) Naphthalene	13.780	128	1926	0.371	ug/l #	87

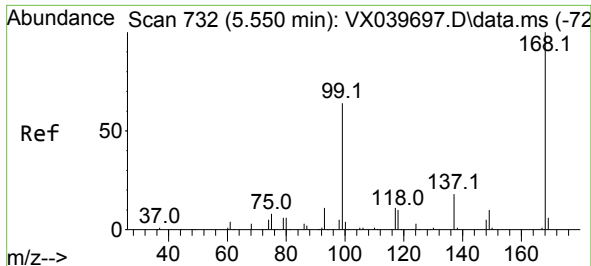
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011224\
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Sample : IBLK
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
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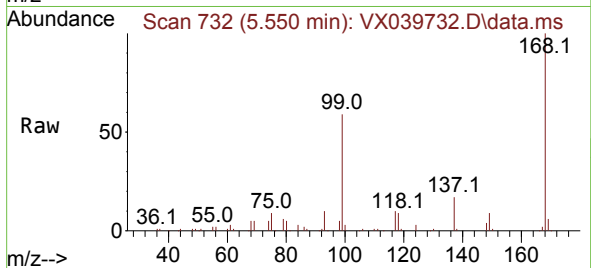
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



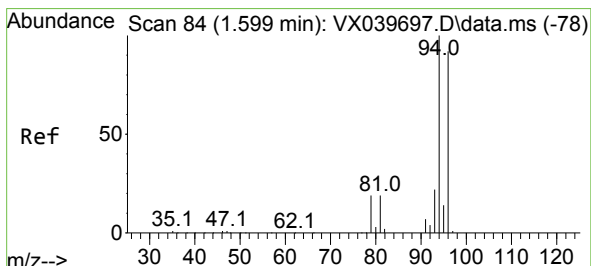
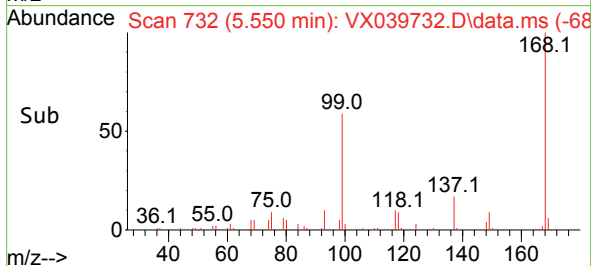
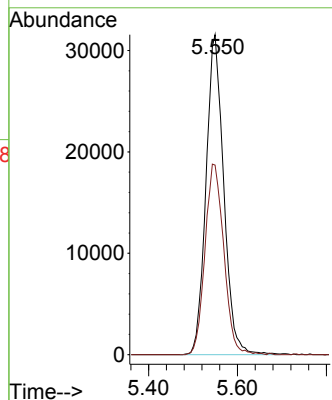


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

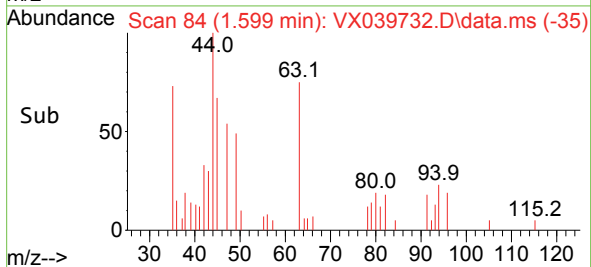
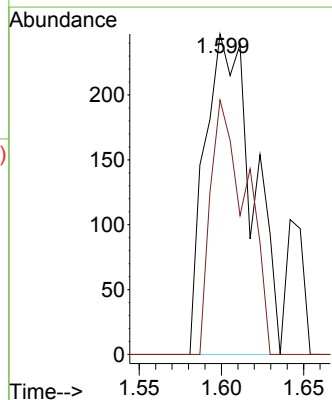
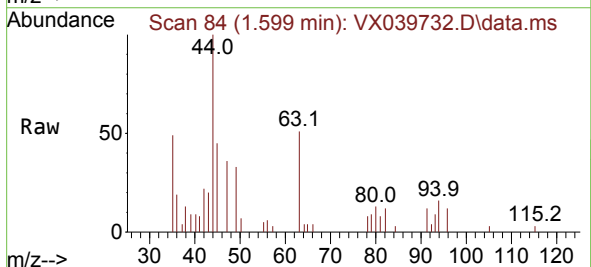


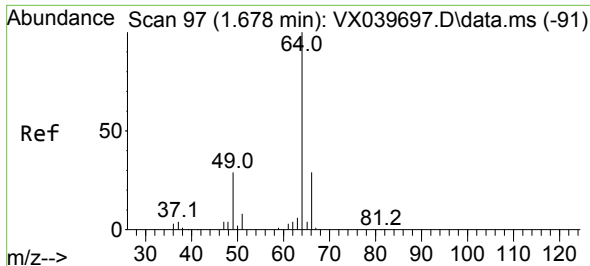
Tgt Ion:168 Resp: 87573
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#5
Bromomethane
Concen: 0.716 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

Tgt Ion: 94 Resp: 499
Ion Ratio Lower Upper
94 100
96 79.4 74.6 111.8

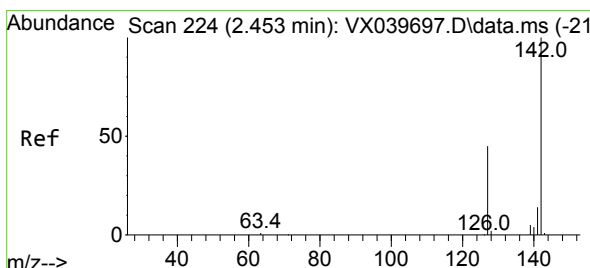
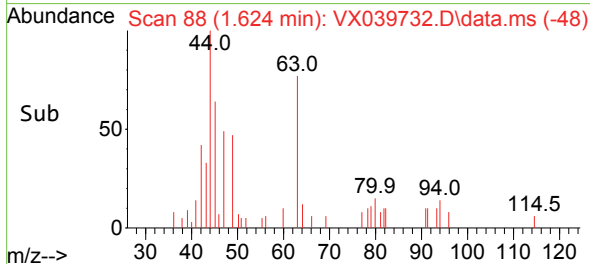
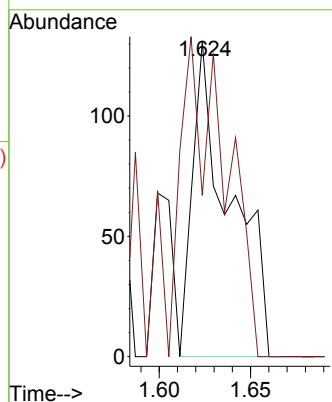
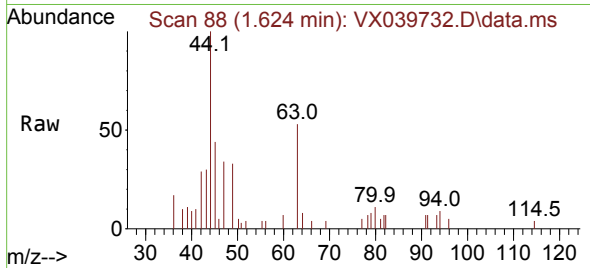




#6
Chloroethane
Concen: 0.269 ug/l
RT: 1.624 min Scan# 81
Delta R.T. -0.055 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

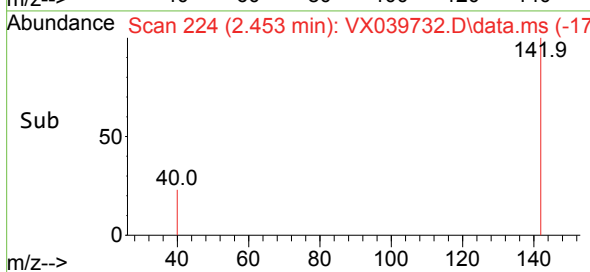
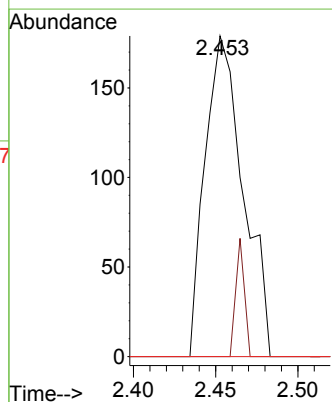
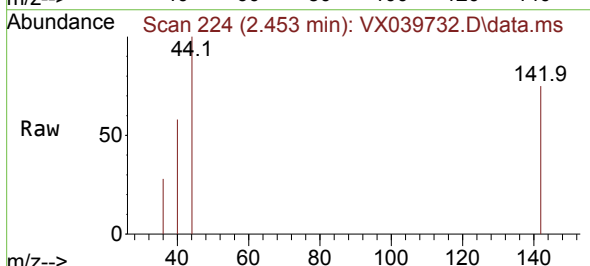
Instrument :
MSVOA_X
ClientSampleId :

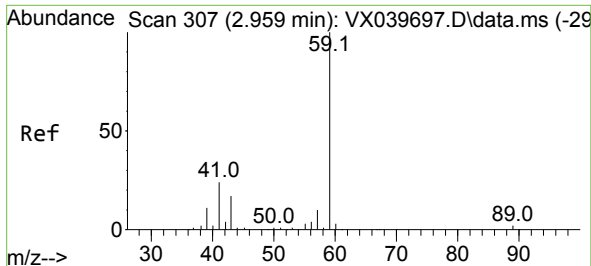
Tgt Ion: 64 Resp: 187
Ion Ratio Lower Upper
64 100
66 51.1 25.1 37.7#



#10
Methyl Iodide
Concen: 0.252 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

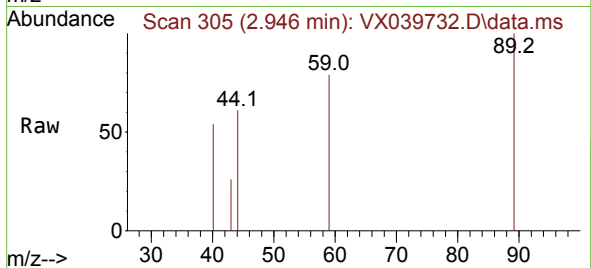
Tgt Ion:142 Resp: 290
Ion Ratio Lower Upper
142 100
127 8.3 41.6 62.4#
141 0.0 11.6 17.4#



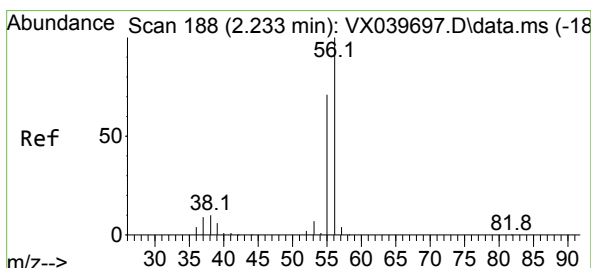
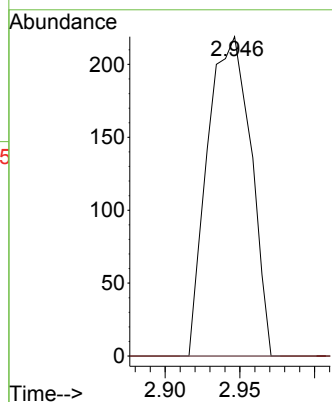
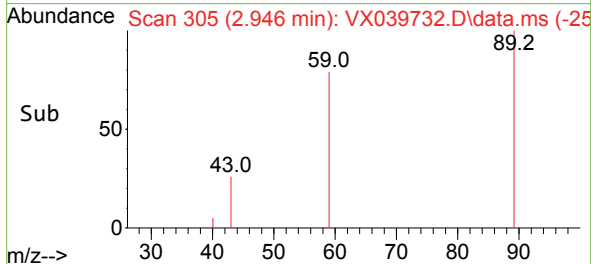


#11
Tert butyl alcohol
Concen: 1.155 ug/l
RT: 2.946 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

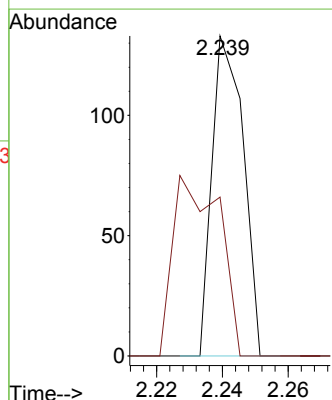
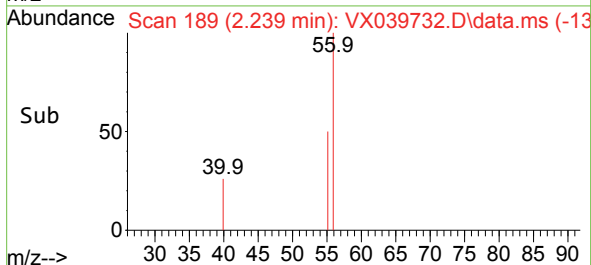
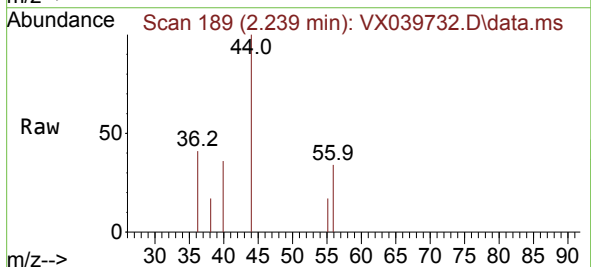


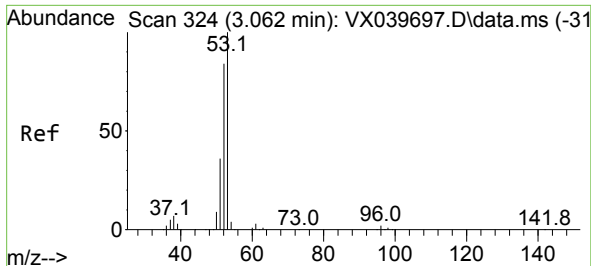
Tgt Ion: 59 Resp: 441
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

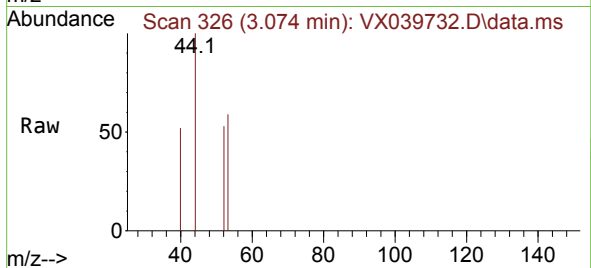
Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 84.1 57.1 85.7



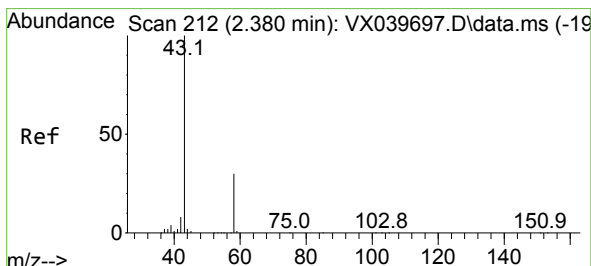
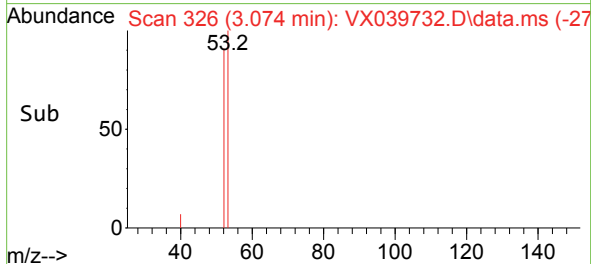
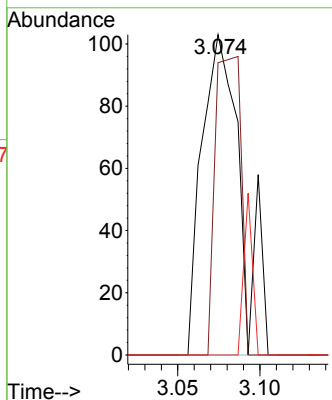


#15
Acrylonitrile
Concen: 0.216 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

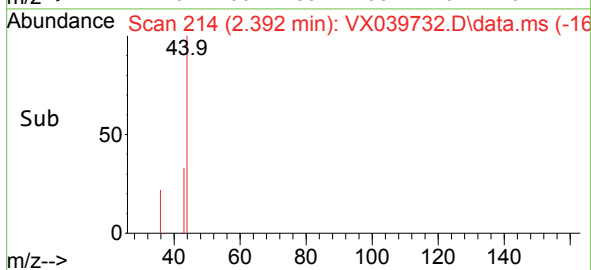
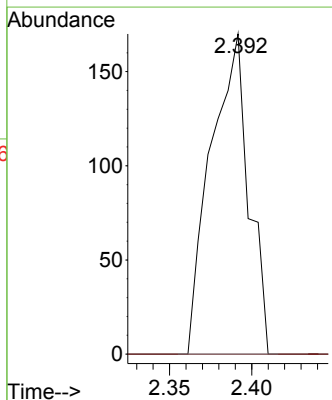
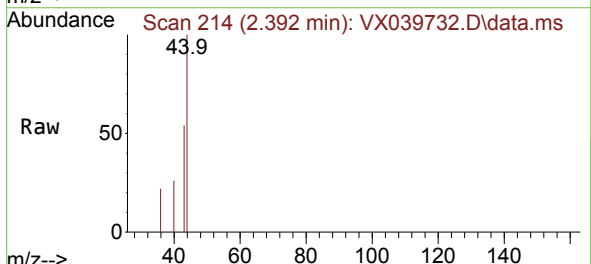


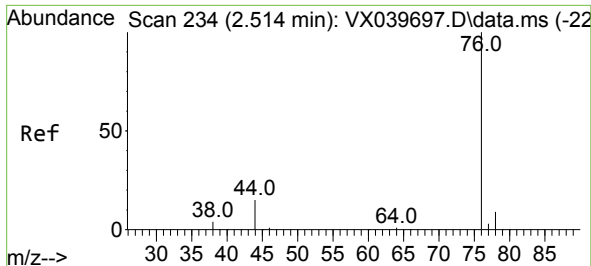
Tgt Ion: 53 Resp: 170
Ion Ratio Lower Upper
53 100
52 61.2 66.0 99.0#
51 11.2 29.8 44.6#



#16
Acetone
Concen: 0.330 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

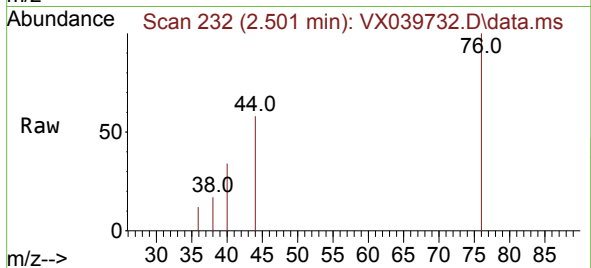
Tgt Ion: 43 Resp: 272
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



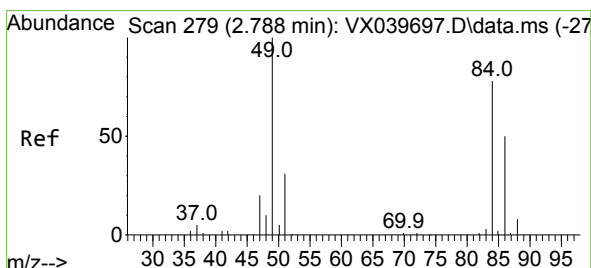
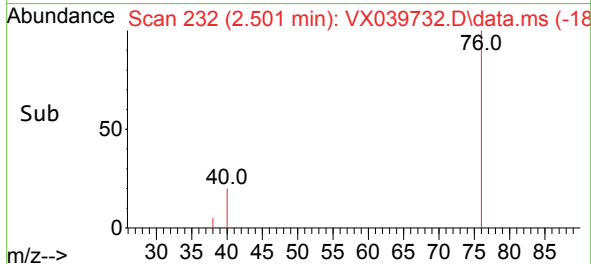
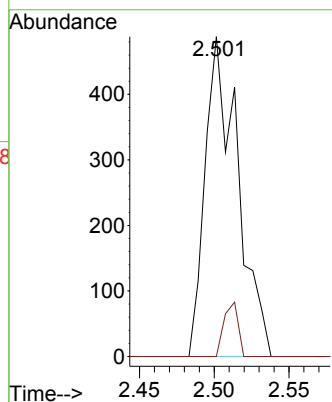


#17
Carbon Disulfide
Concen: 0.243 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

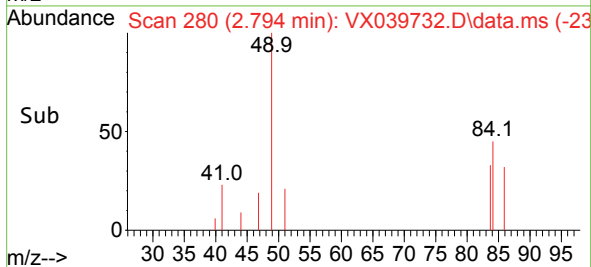
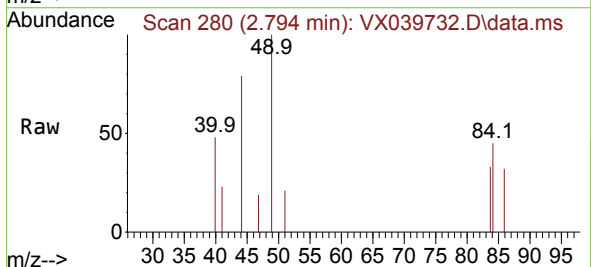
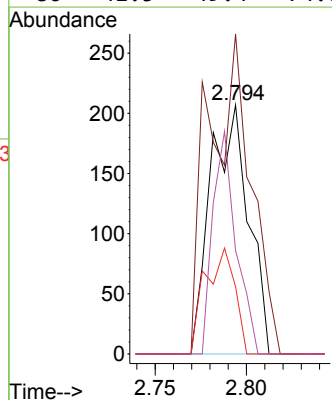


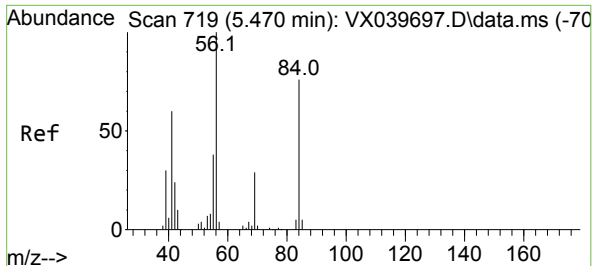
Tgt Ion: 76 Resp: 735
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: 0.240 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

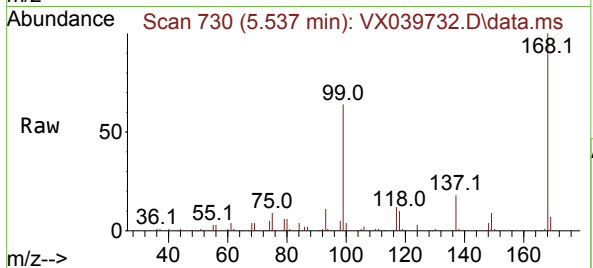
Tgt Ion: 84 Resp: 299
Ion Ratio Lower Upper
84 100
49 128.5 103.6 155.4
51 27.1 33.8 50.6#
86 41.5 49.4 74.0#



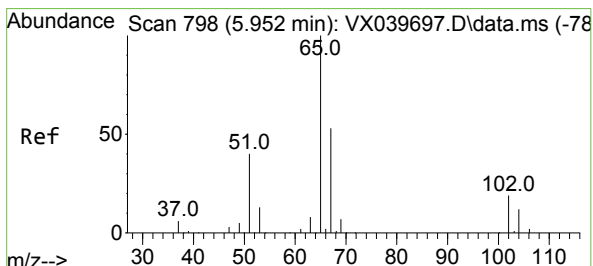
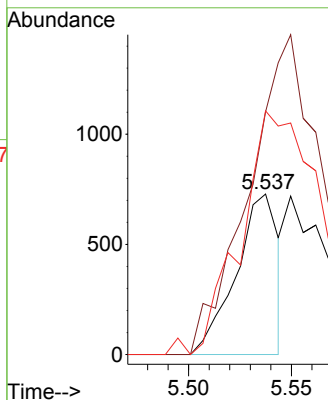
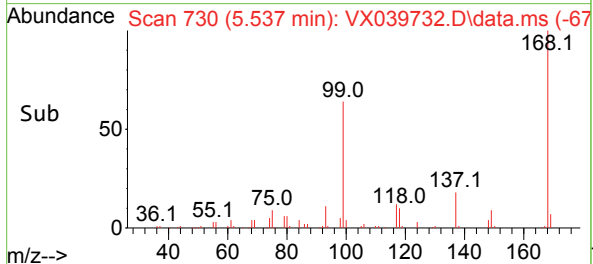


#31
Cyclohexane
Concen: 0.538 ug/l
RT: 5.537 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

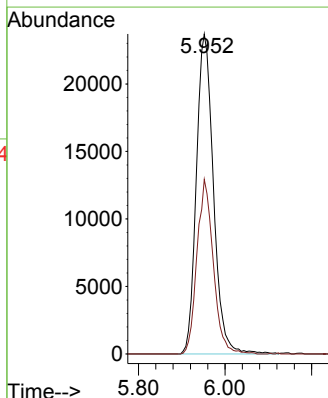
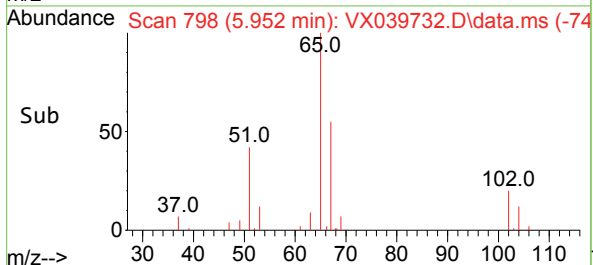
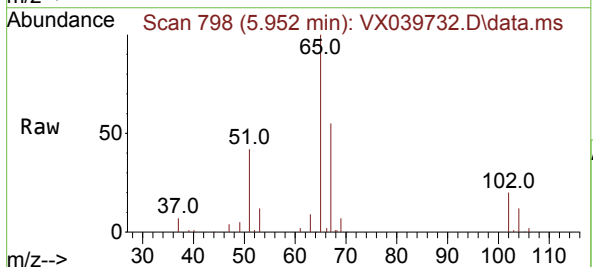


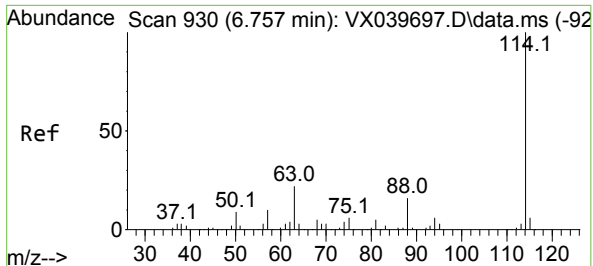
Tgt Ion: 56 Resp: 1042
Ion Ratio Lower Upper
56 100
69 151.0 23.4 35.2#
84 141.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.196 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

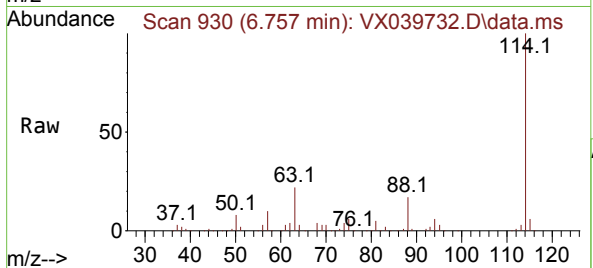
Tgt Ion: 65 Resp: 64834
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



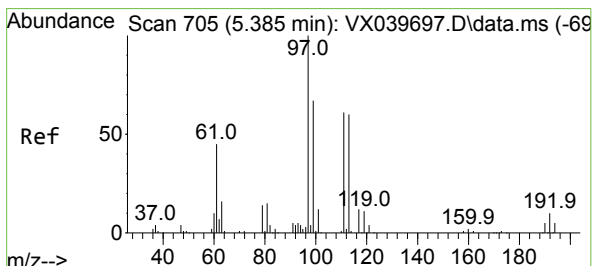
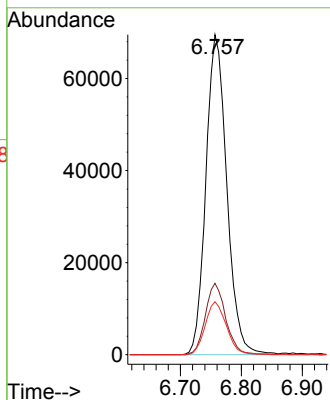
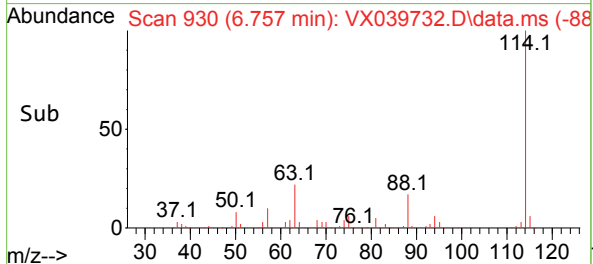


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

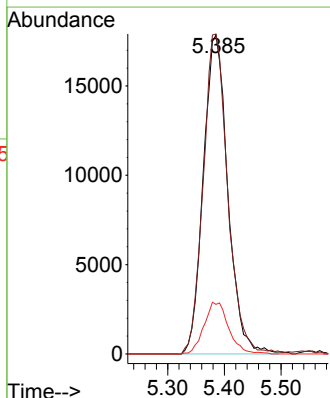
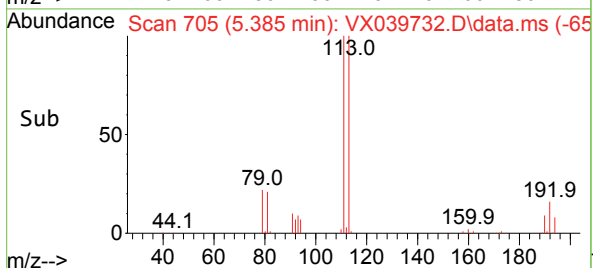
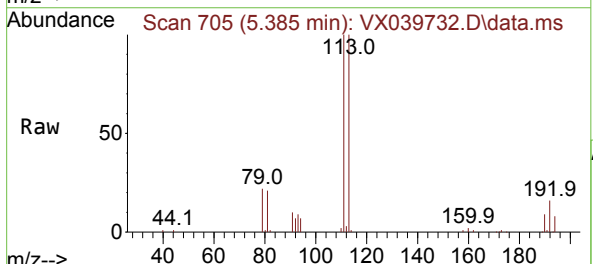


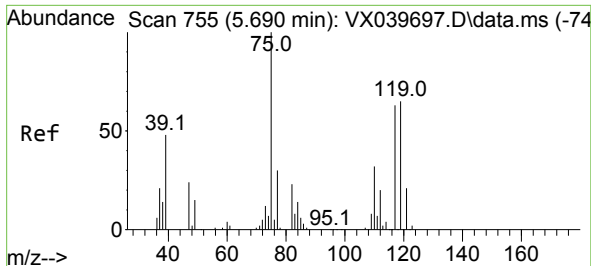
Tgt Ion:114 Resp: 165858
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.936 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

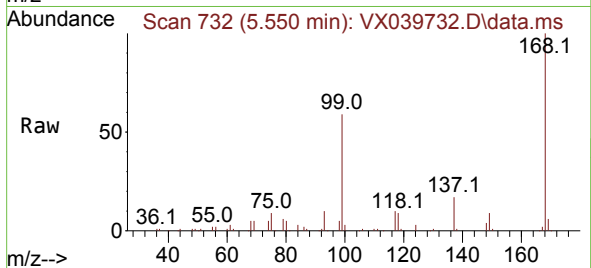
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Ion Ratio Lower Upper
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111 100.5 82.9 124.3
192 16.3 13.3 19.9



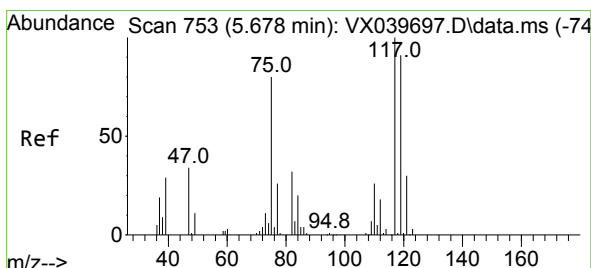
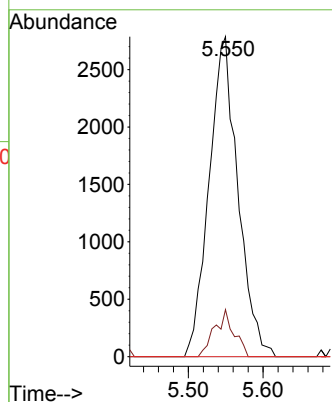
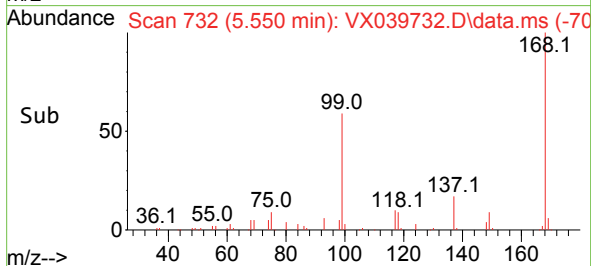


#36
1,1-Dichloropropene
Concen: 4.302 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

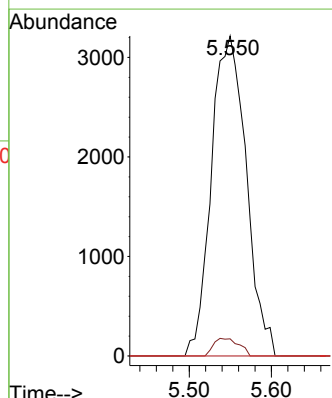
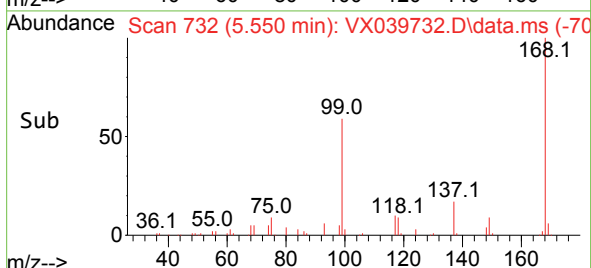
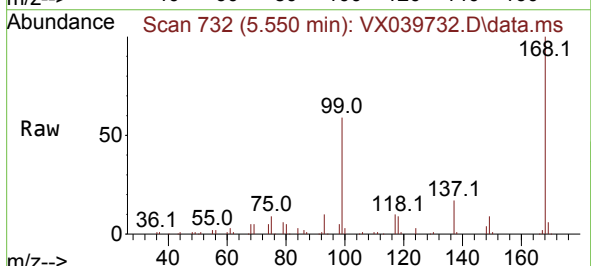


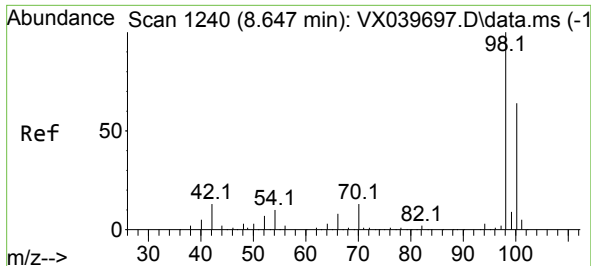
Tgt Ion: 75 Resp: 7481
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.944 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

Tgt Ion: 117 Resp: 9467
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

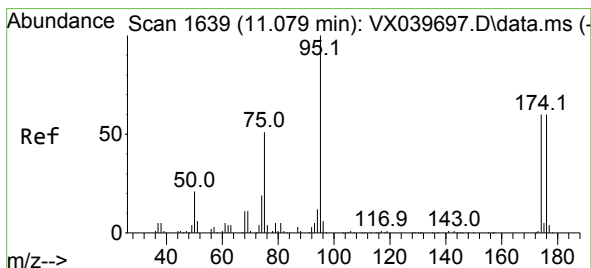
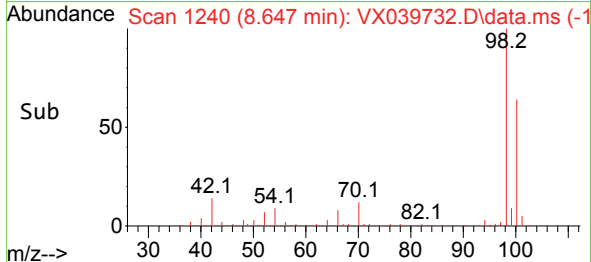
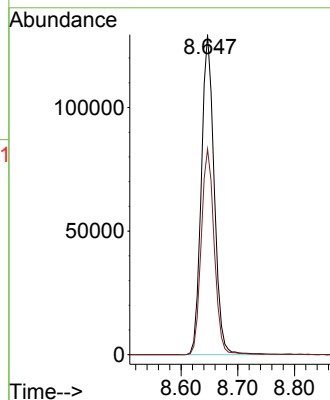
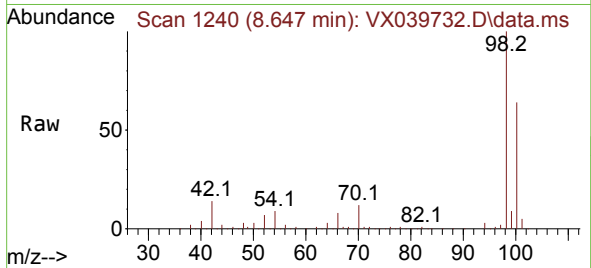




#50
Toluene-d8
Concen: 48.422 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

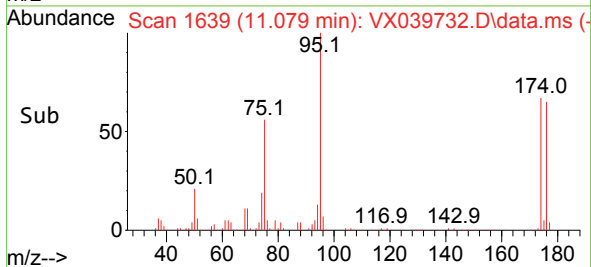
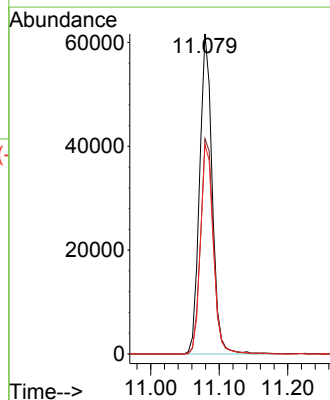
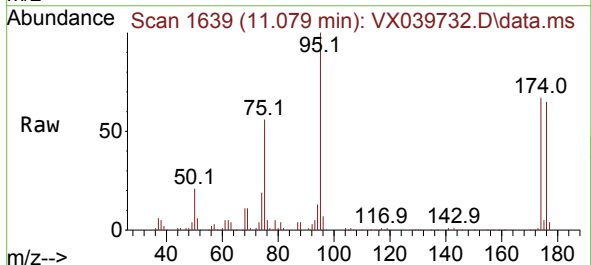
Instrument :
MSVOA_X
ClientSampleId :

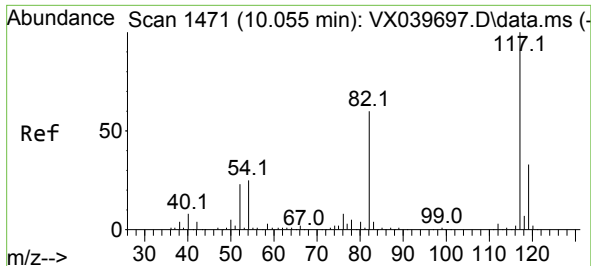
Tgt Ion: 98 Resp: 204015
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

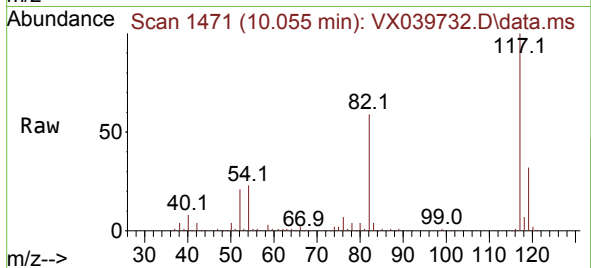
Tgt Ion: 95 Resp: 79151
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.6
176 66.5 0.0 131.0



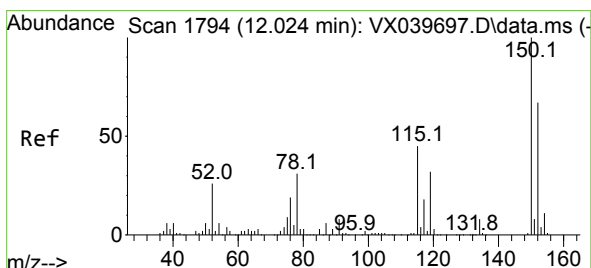
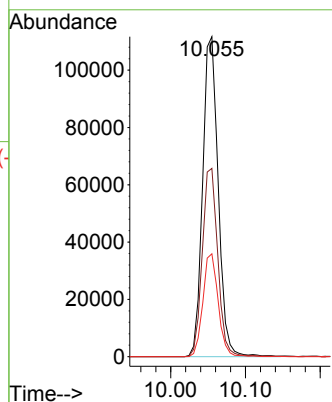
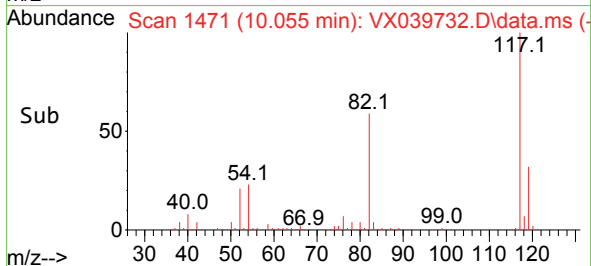


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

Instrument :
MSVOA_X
ClientSampleId :

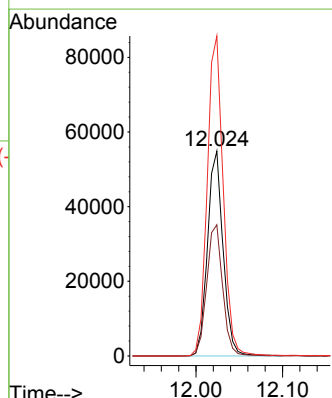
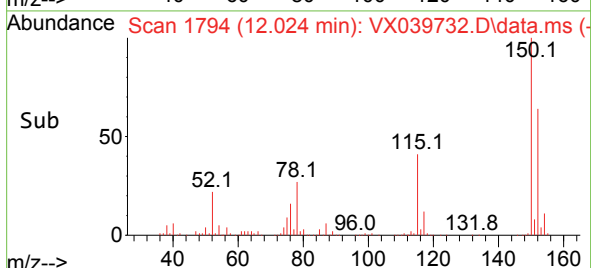
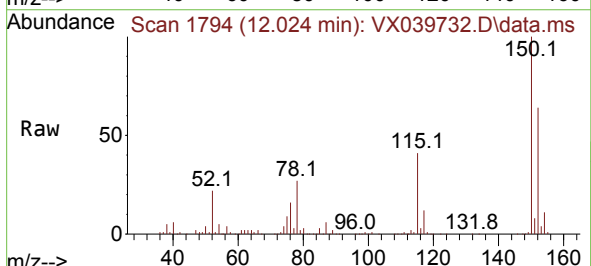


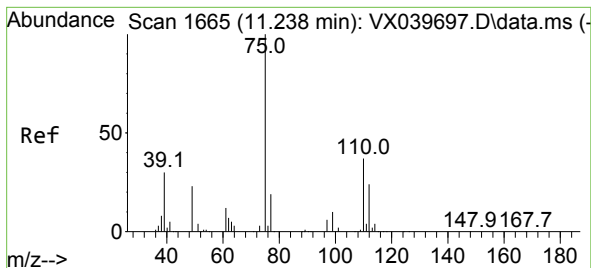
Tgt Ion:117 Resp: 161304
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX039732.D
Acq: 12 Jan 2024 13:21

Tgt Ion:152 Resp: 68759
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 159.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.811 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039732.D

Acq: 12 Jan 2024 13:21

Instrument :

MSVOA_X

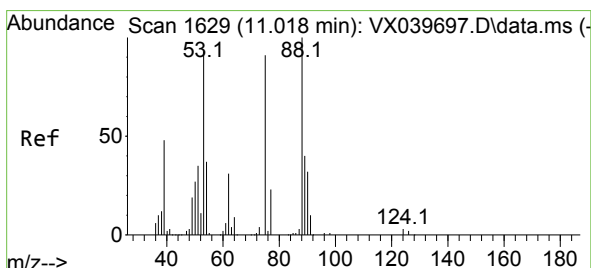
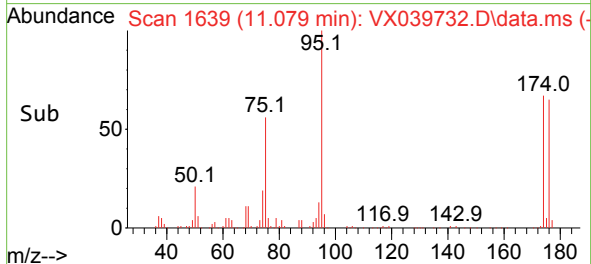
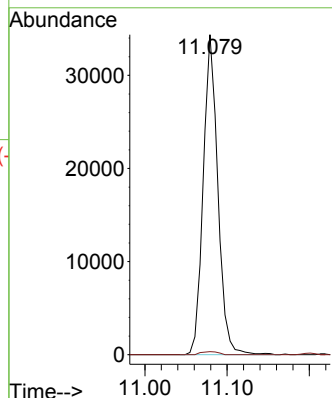
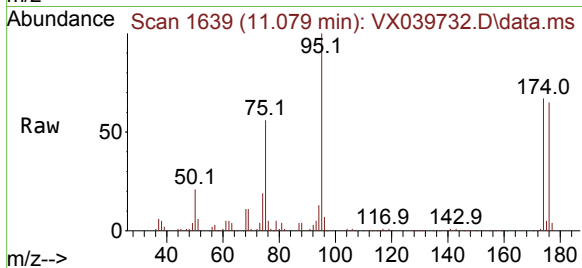
ClientSampleId :

Tgt Ion: 75 Resp: 42447

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.488 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039732.D

Acq: 12 Jan 2024 13:21

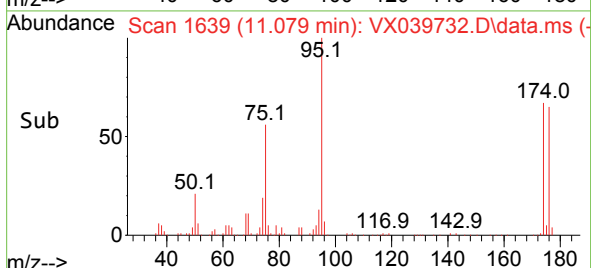
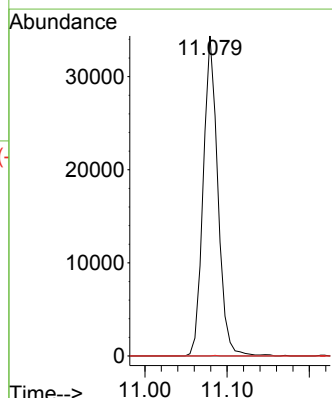
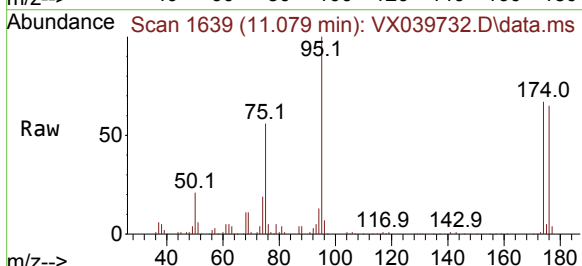
Tgt Ion: 75 Resp: 42447

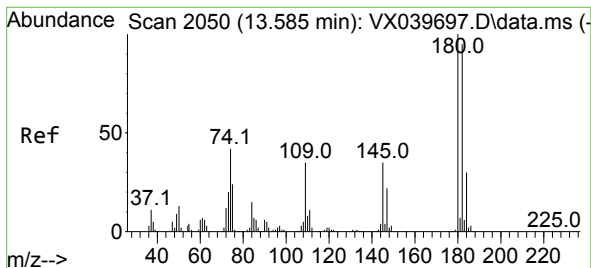
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.213 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

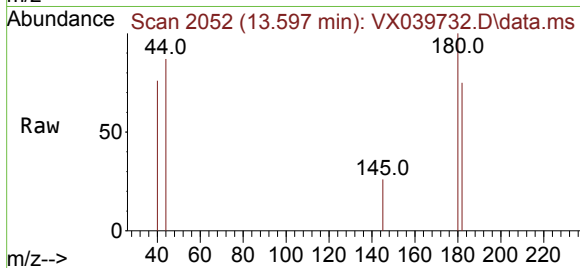
Lab File: VX039732.D

Acq: 12 Jan 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :



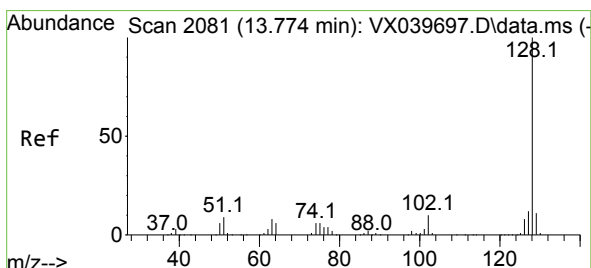
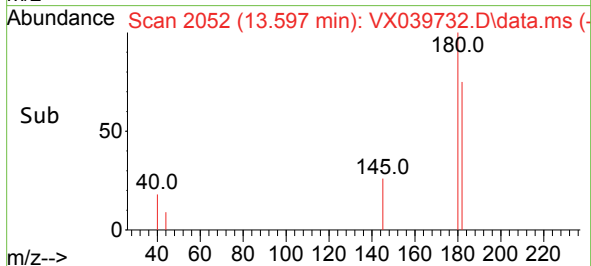
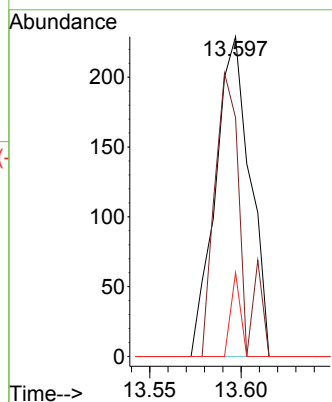
Tgt Ion:180 Resp: 301

Ion Ratio Lower Upper

180 100

182 67.1 48.3 144.8

145 7.3 18.0 54.0#



#95

Naphthalene

Concen: 0.371 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX039732.D

Acq: 12 Jan 2024 13:21

Tgt Ion:128 Resp: 1926

Ion Ratio Lower Upper

128 100

127 8.4 10.3 15.5#

129 5.7 8.8 13.2#

