

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040051.D
 Acq On : 31 Jan 2024 16:37
 Operator : JC/MD
 Sample : P1282-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1240

Quant Time: Feb 01 04:24:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 07:12:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	83581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62940	46.791	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.580%
35) Dibromofluoromethane	5.385	113	49300	48.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.020%
50) Toluene-d8	8.647	98	197688	52.014	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.020%
62) 4-Bromofluorobenzene	11.079	95	80344	54.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.800%

Target Compounds						Qvalue
11) Tert butyl alcohol	2.952	59	1068	4.376	ug/l #	78
13) Acrolein	2.239	56	60	0.257	ug/l #	41
15) Acrylonitrile	3.074	53	379	0.620	ug/l	96
16) Acetone	2.379	43	1169	1.855	ug/l #	83
17) Carbon Disulfide	2.514	76	1101	0.401	ug/l #	83
20) Methylene Chloride	2.788	84	307	0.274	ug/l #	82
22) Diisopropyl ether	3.843	45	1681	0.512	ug/l #	1
23) Vinyl Acetate	3.849	43	3858	1.313	ug/l #	73
31) Cyclohexane	5.556	56	2376	1.410	ug/l #	38
36) 1,1-Dichloropropene	5.543	75	7876	5.358	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9228	6.562	ug/l #	16
49) 1,4-Dioxane	7.677	88	206	7.602	ug/l #	73
51) 4-Methyl-2-Pentanone	8.580	43	733	0.424	ug/l #	84
52) Toluene	8.720	92	10582	3.966	ug/l	96
55) 1,1,2-Trichloroethane	9.086	97	260	0.235	ug/l #	17
59) 2-Hexanone	9.457	43	593	0.430	ug/l	92
67) Ethyl Benzene	10.195	91	36307	6.325	ug/l	98
68) m/p-Xylenes	10.299	106	50628	23.446	ug/l	96
69) o-Xylene	10.640	106	33413	16.313	ug/l	96
70) Styrene	10.646	104	2219	0.643	ug/l #	1
71) Bromoform	10.799	173	21	0.608	ug/l #	29
73) Isopropylbenzene	10.963	105	11190	1.926	ug/l	100
74) N-amyl acetate	10.854	43	1117	0.623	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.213	83	498	0.228	ug/l #	26
76) 1,2,3-Trichloropropane	11.378	75	1387	0.805	ug/l #	1
78) n-propylbenzene	11.305	91	31978	4.473	ug/l	96
79) 2-Chlorotoluene	11.378	91	16769	3.896	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.451	105	38259	7.661	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	44181	75.509	ug/l #	5
82) 4-Chlorotoluene	11.451	91	5296	1.072	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.750	105	160301	32.166	ug/l	98
85) sec-Butylbenzene	11.890	105	10894	1.721	ug/l	93
86) p-Isopropyltoluene	12.012	119	7085	1.370	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	795	0.294	ug/l	76
88) 1,4-Dichlorobenzene	11.969	146	795	0.287	ug/l	75
89) n-Butylbenzene	12.329	91	20775	4.140	ug/l #	51

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 07:12:04 2024
Response via : Initial Calibration

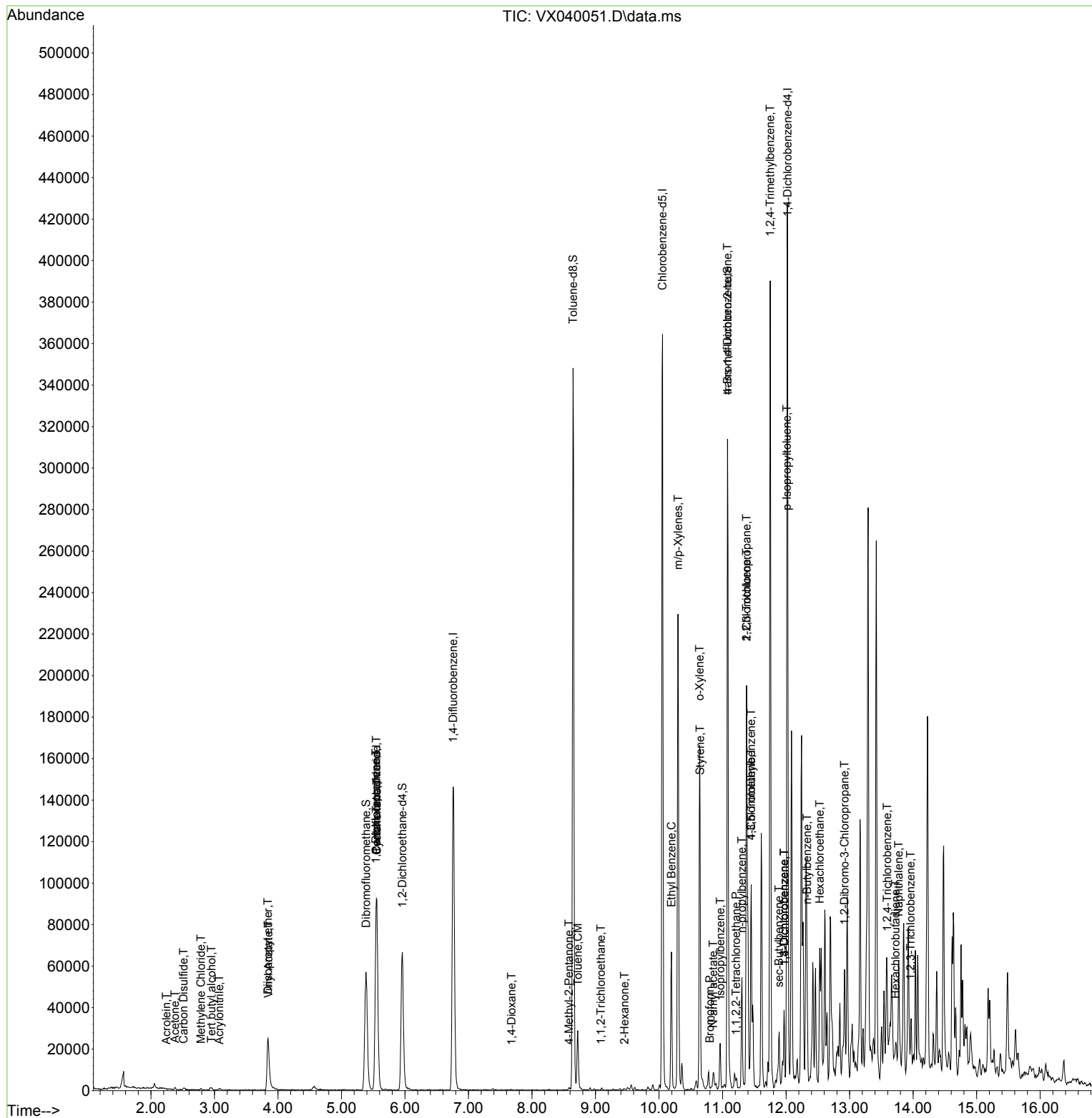
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.530	117	2630	3.299	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.920	75	221	0.446	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.591	180	1188	0.729	ug/l #	39
94) Hexachlorobutadiene	13.725	225	559	0.871	ug/l	95
95) Naphthalene	13.774	128	30361	5.486	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1053	0.654	ug/l #	32

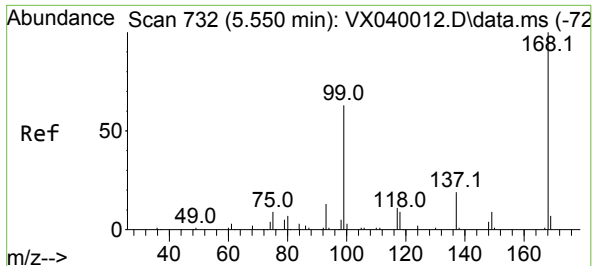
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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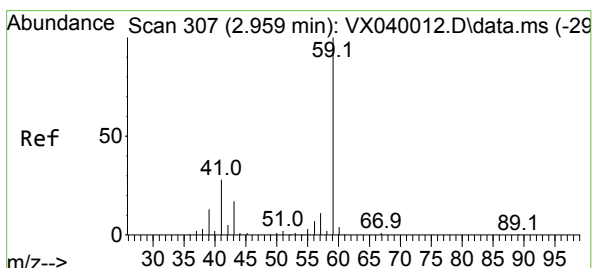
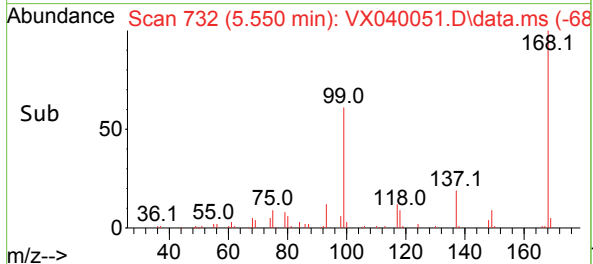
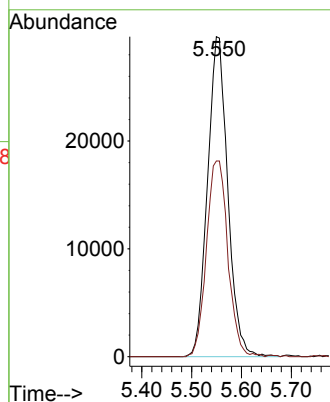
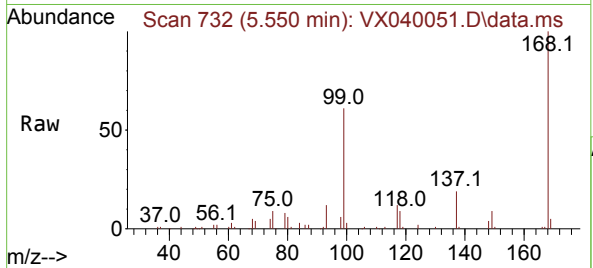




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

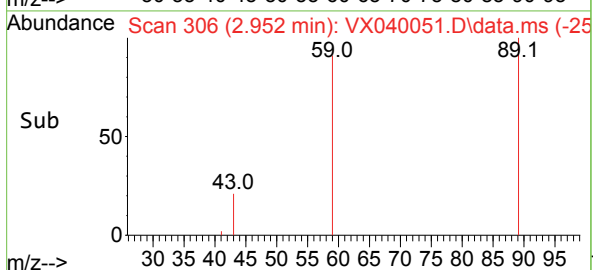
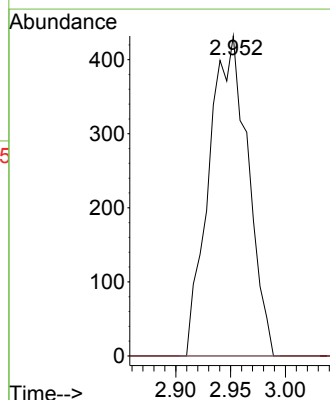
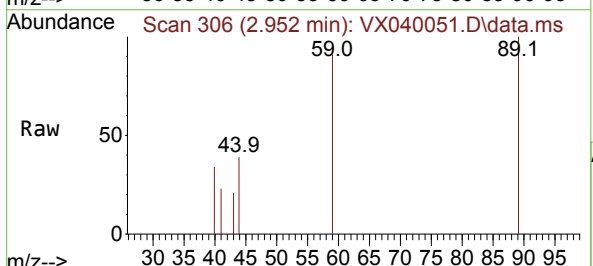
Instrument :
MSVOA_X
ClientSampleId :
1240

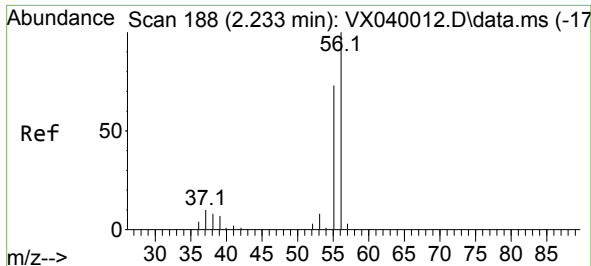
Tgt Ion:168 Resp: 83581
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.376 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

Tgt Ion: 59 Resp: 1068
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.257 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

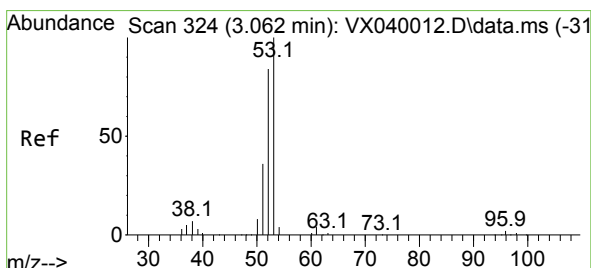
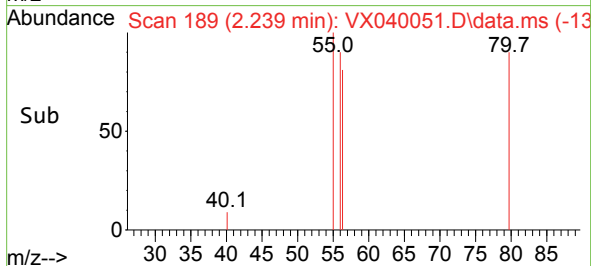
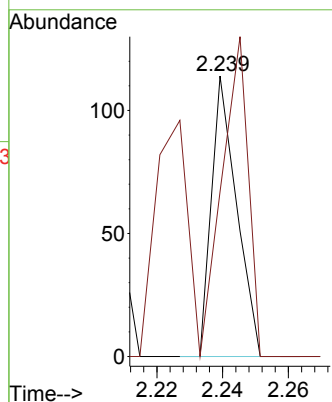
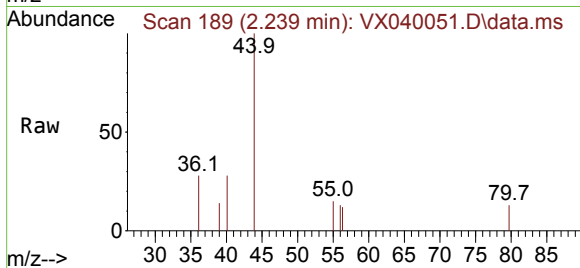
1240

Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 120.0 57.1 85.7#



#15

Acrylonitrile

Concen: 0.620 ug/l

RT: 3.074 min Scan# 326

Delta R.T. 0.012 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

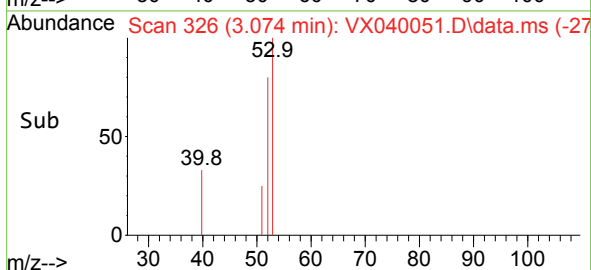
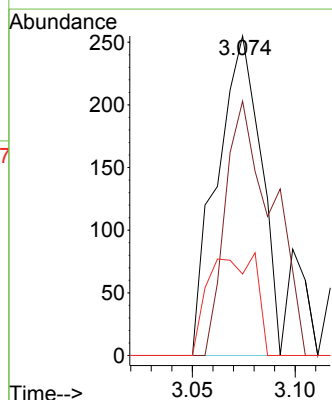
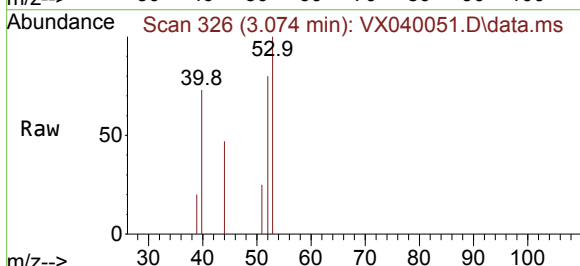
Tgt Ion: 53 Resp: 379

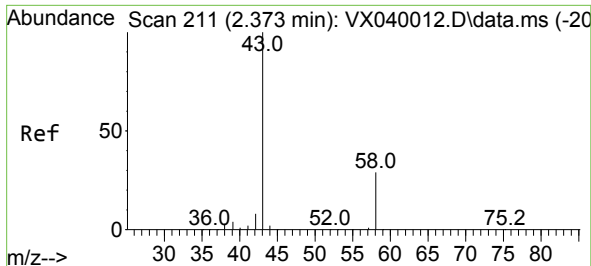
Ion Ratio Lower Upper

53 100

52 85.2 66.0 99.0

51 34.0 29.8 44.6





#16

Acetone

Concen: 1.855 ug/l

RT: 2.379 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

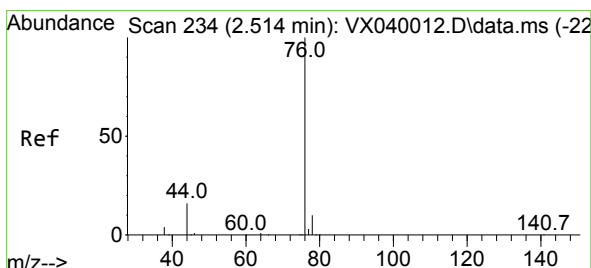
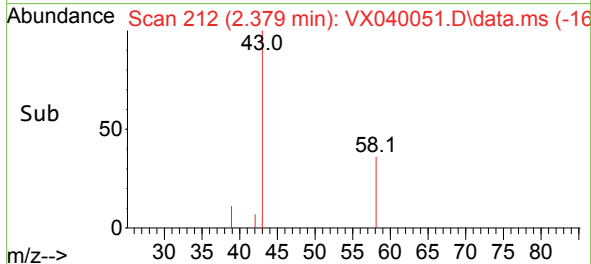
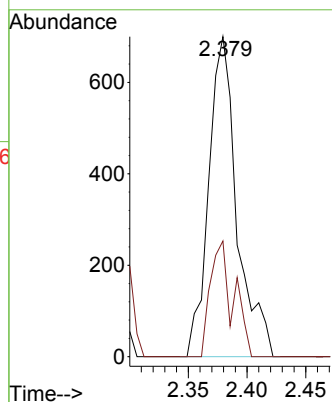
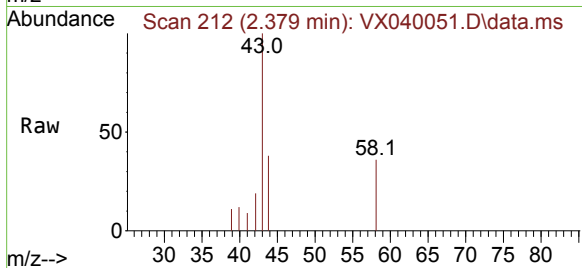
1240

Tgt Ion: 43 Resp: 1169

Ion Ratio Lower Upper

43 100

58 36.1 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.401 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX040051.D

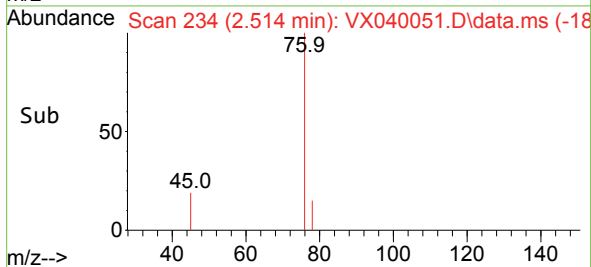
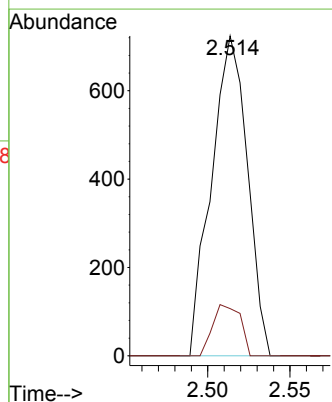
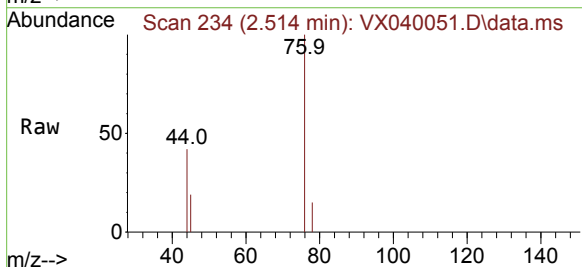
Acq: 31 Jan 2024 16:37

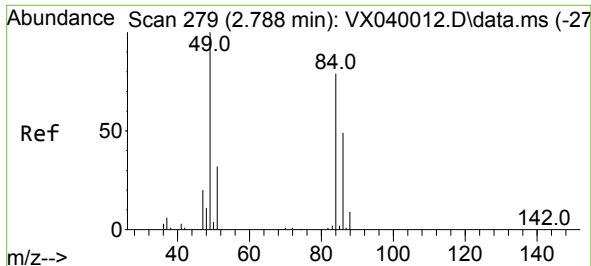
Tgt Ion: 76 Resp: 1101

Ion Ratio Lower Upper

76 100

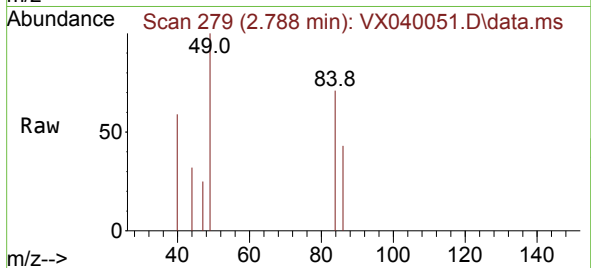
78 14.8 7.0 10.6#





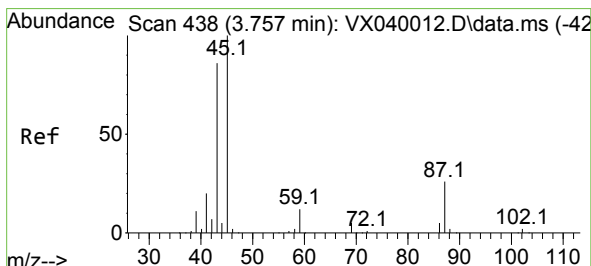
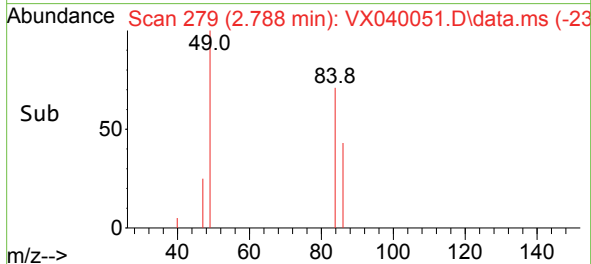
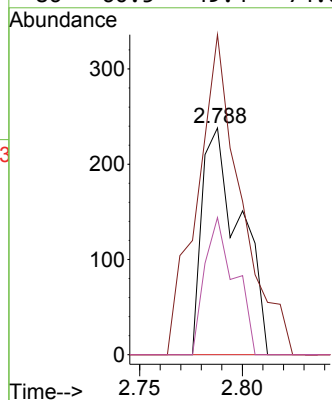
#20
Methylene Chloride
Concen: 0.274 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

Instrument :
MSVOA_X
ClientSampleId :
1240



Tgt Ion: 84 Resp: 307

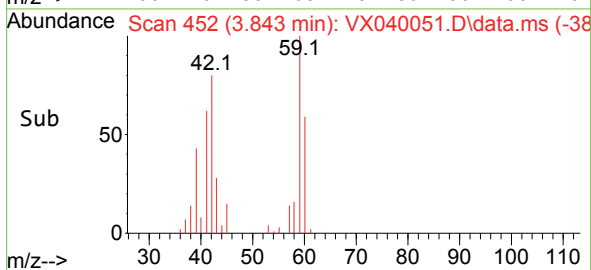
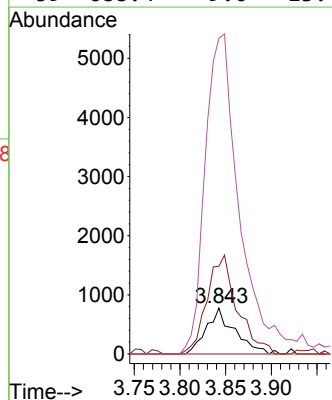
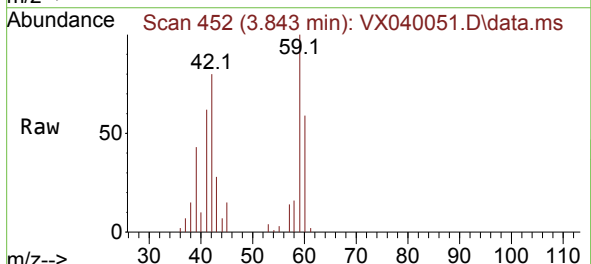
Ion	Ratio	Lower	Upper
84	100		
49	118.9	103.6	155.4
51	0.0	33.8	50.6#
86	60.5	49.4	74.0

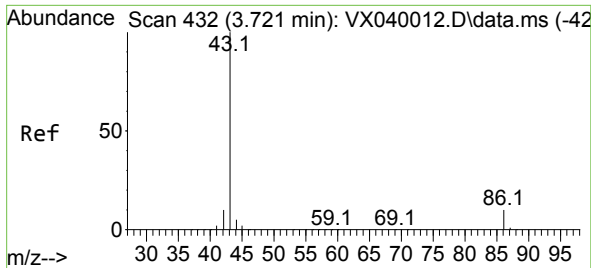


#22
Diisopropyl ether
Concen: 0.512 ug/l
RT: 3.843 min Scan# 452
Delta R.T. 0.085 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

Tgt Ion: 45 Resp: 1681

Ion	Ratio	Lower	Upper
45	100		
43	191.2	69.7	104.5#
87	0.0	20.8	31.2#
59	688.4	9.0	13.4#

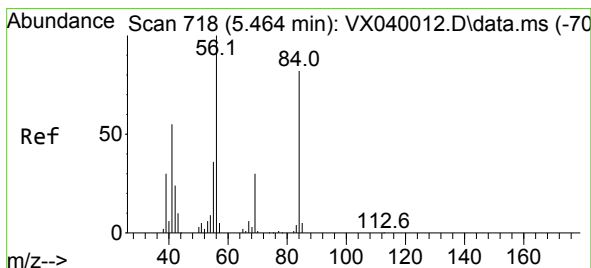
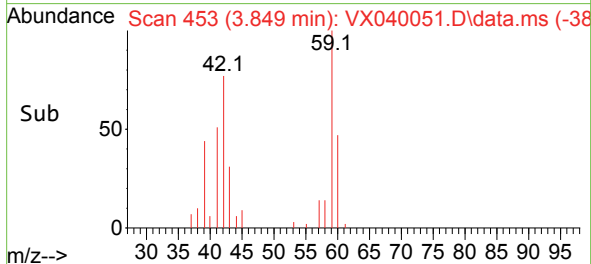
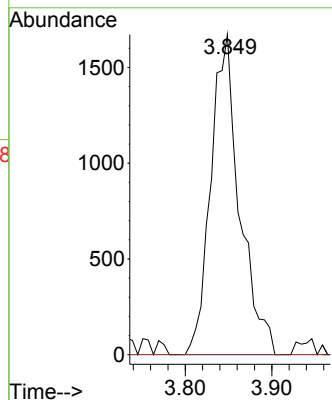
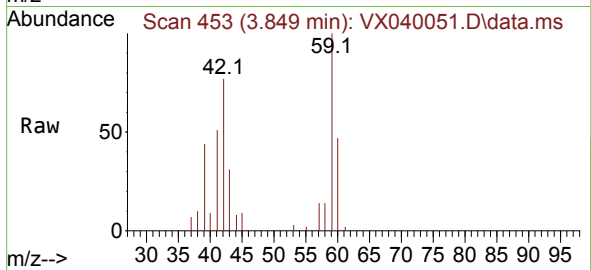




#23
 Vinyl Acetate
 Concen: 1.313 ug/l
 RT: 3.849 min Scan# 412
 Delta R.T. 0.128 min
 Lab File: VX040051.D
 Acq: 31 Jan 2024 16:37

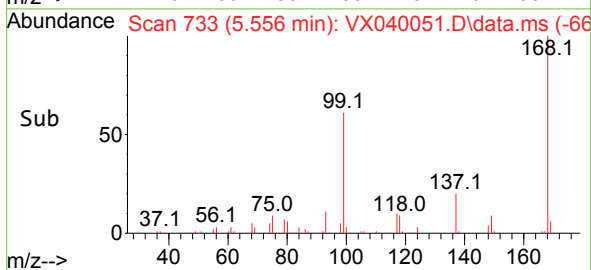
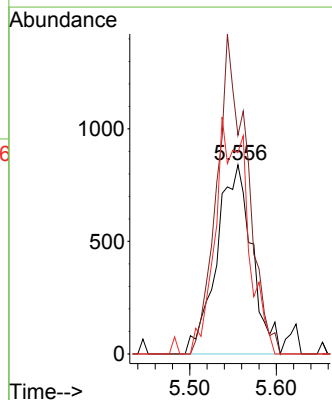
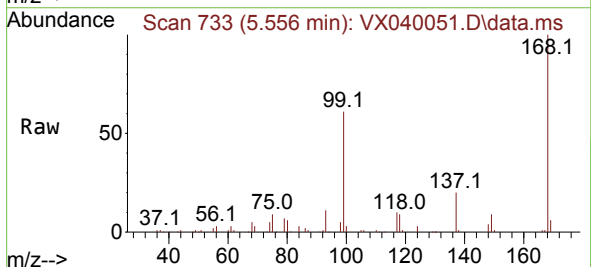
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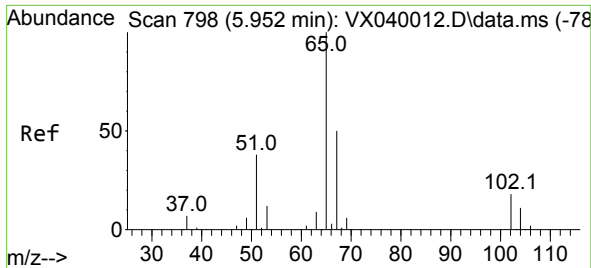
Tgt Ion: 43 Resp: 3858
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#31
 Cyclohexane
 Concen: 1.410 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.091 min
 Lab File: VX040051.D
 Acq: 31 Jan 2024 16:37

Tgt Ion: 56 Resp: 2376
 Ion Ratio Lower Upper
 56 100
 69 115.7 23.4 35.2#
 84 106.5 65.9 98.9#

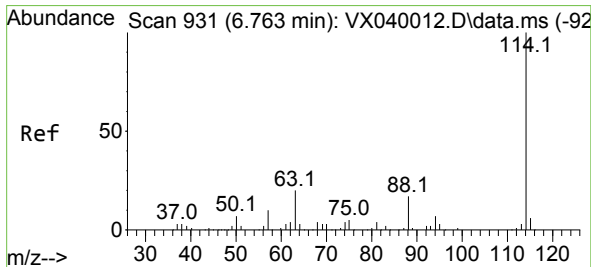
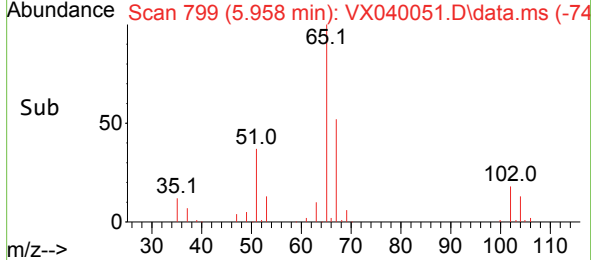
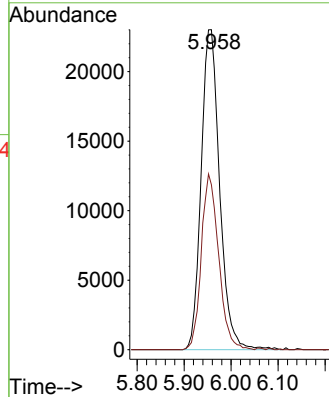
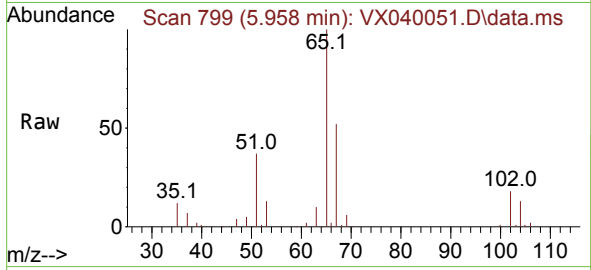




#33
1,2-Dichloroethane-d4
Concen: 46.791 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

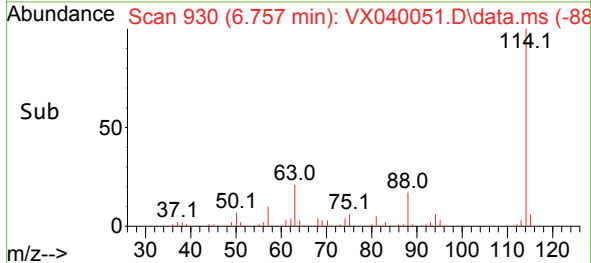
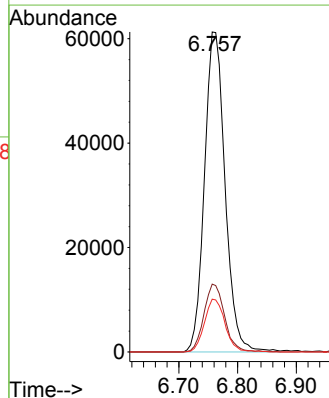
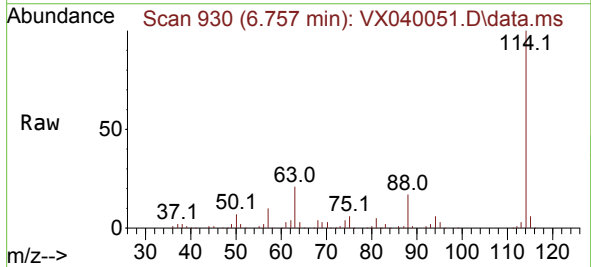
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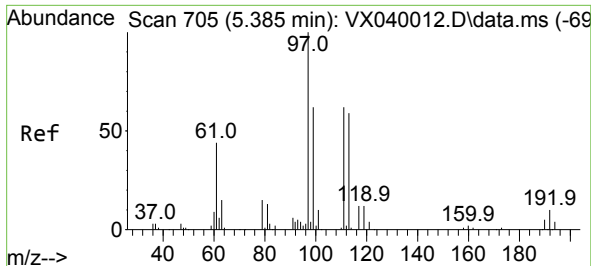
Tgt Ion: 65 Resp: 62940
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

Tgt Ion: 114 Resp: 149294
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 16.5 0.0 36.6

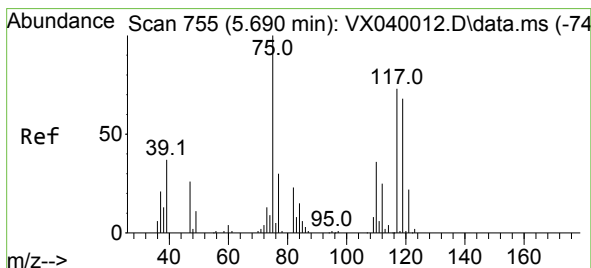
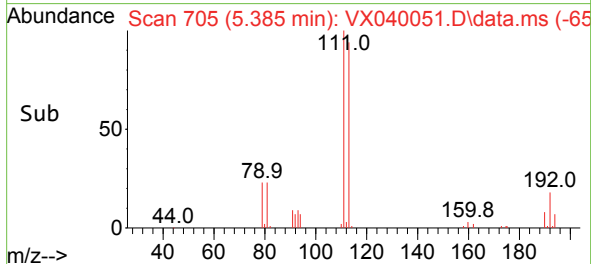
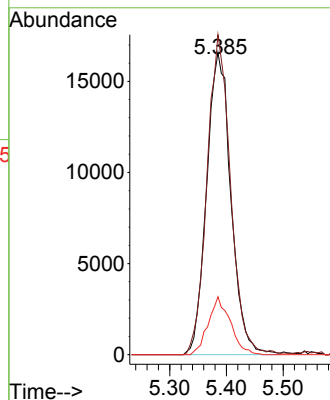
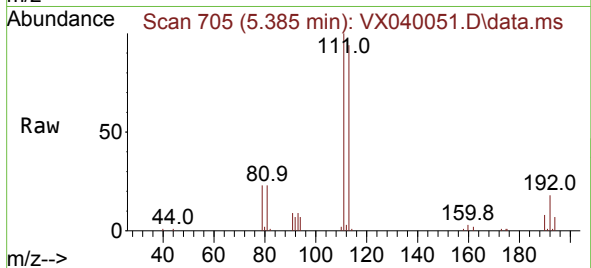




#35
Dibromofluoromethane
Concen: 48.510 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

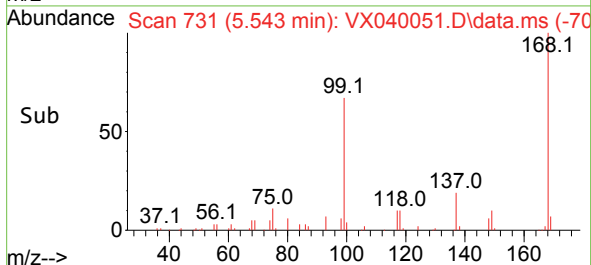
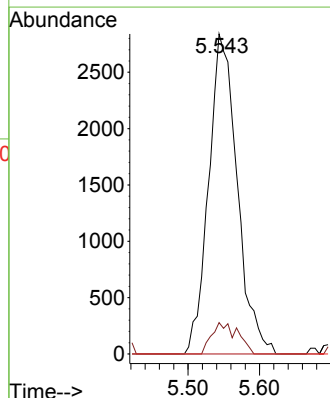
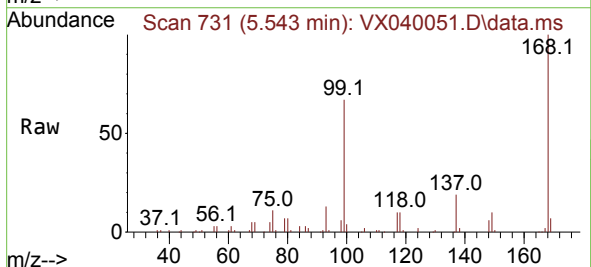
Instrument :
MSVOA_X
ClientSampleId :
1240

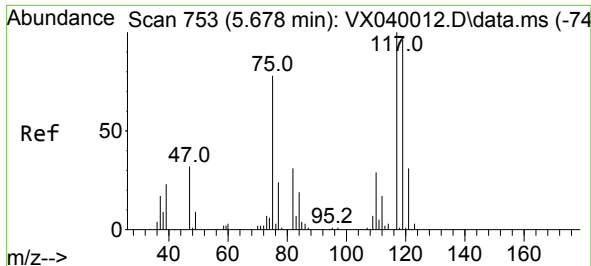
Tgt Ion:113 Resp: 49300
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 17.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.358 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

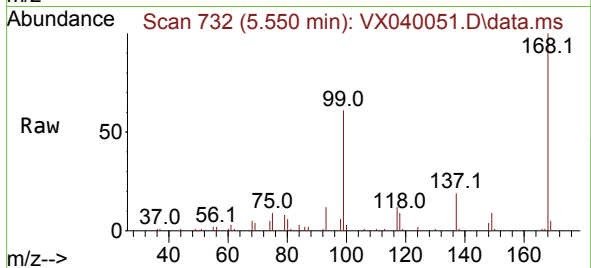
Tgt Ion: 75 Resp: 7876
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



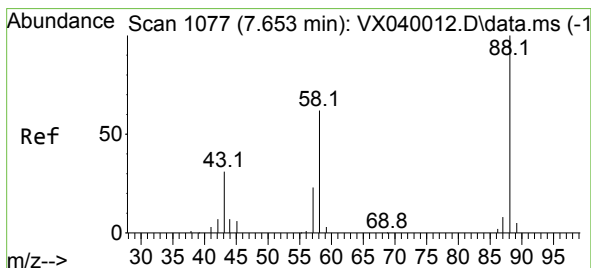
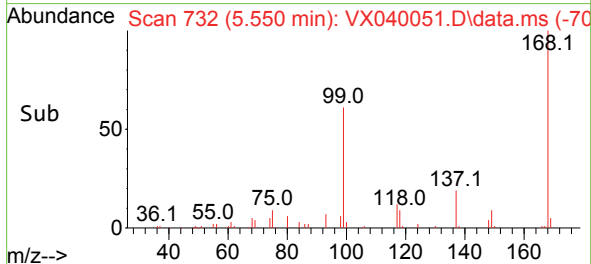
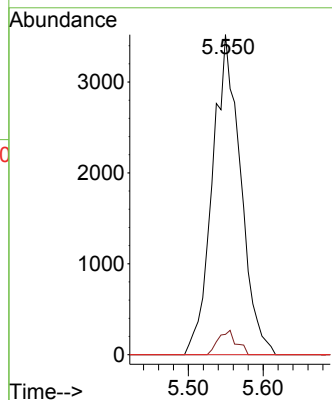


#38
Carbon Tetrachloride
Concen: 6.562 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.128 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

Instrument :
MSVOA_X
ClientSampleId :
1240

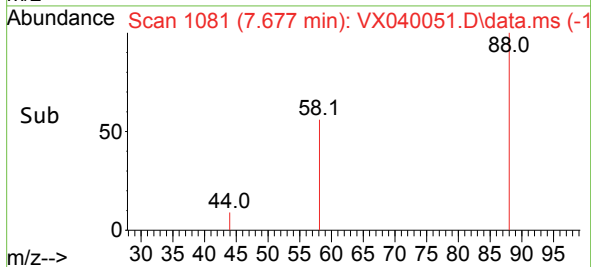
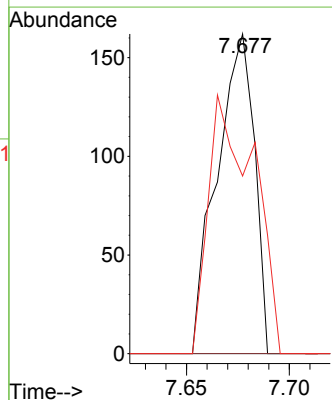
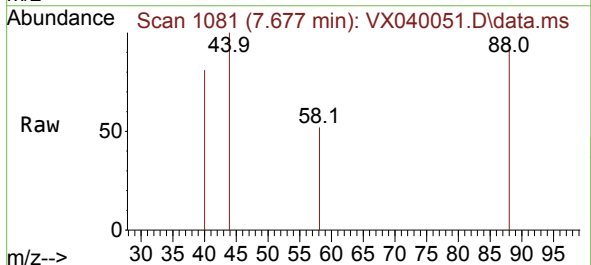


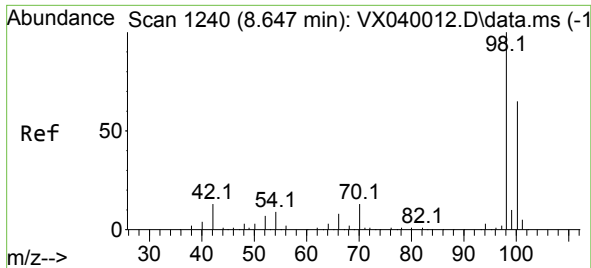
Tgt Ion:117 Resp: 9228
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 7.602 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.024 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

Tgt Ion: 88 Resp: 206
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 98.1 60.1 90.1#

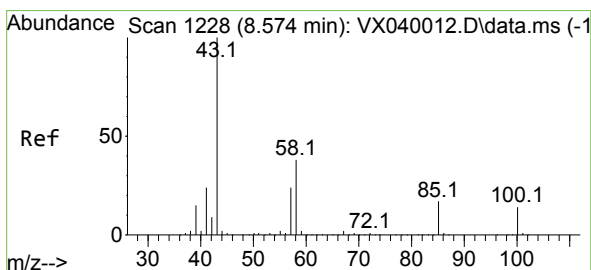
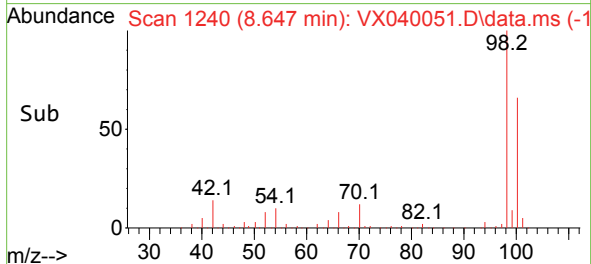
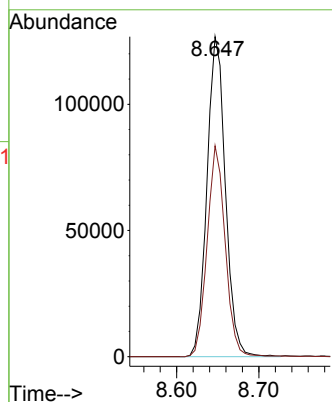
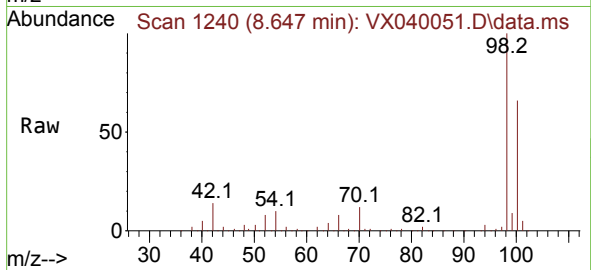




#50
Toluene-d8
Concen: 52.014 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

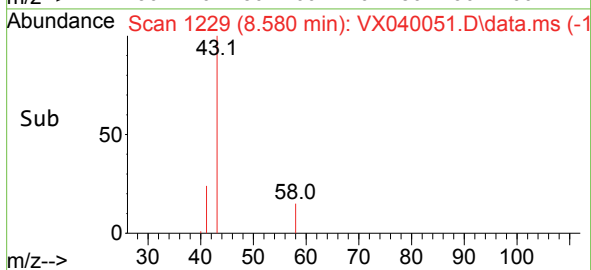
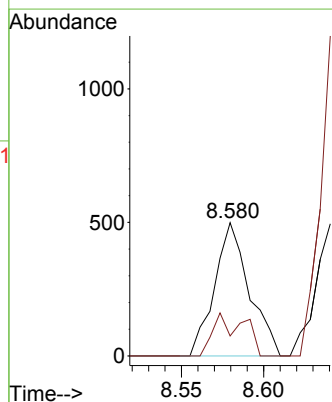
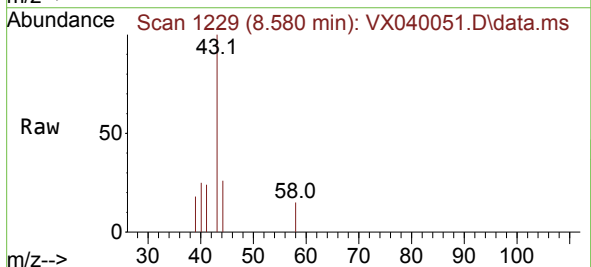
Instrument :
MSVOA_X
ClientSampleId :
1240

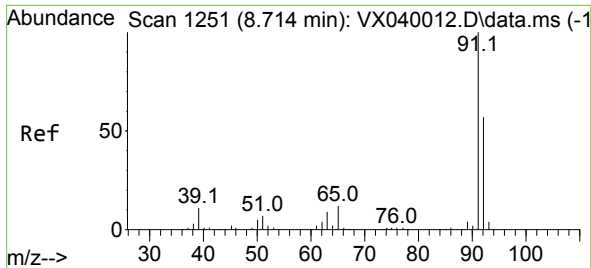
Tgt Ion: 98 Resp: 197688
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
58 28.2 30.4 45.6#

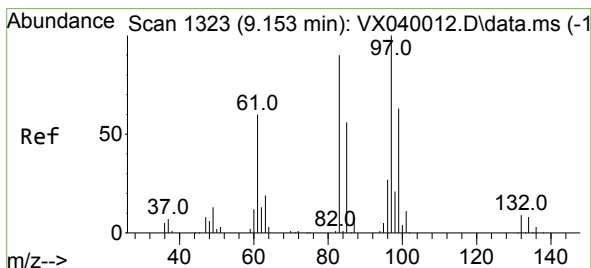
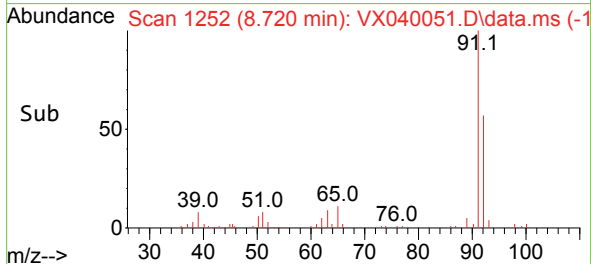
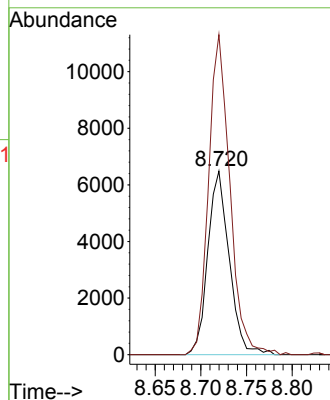
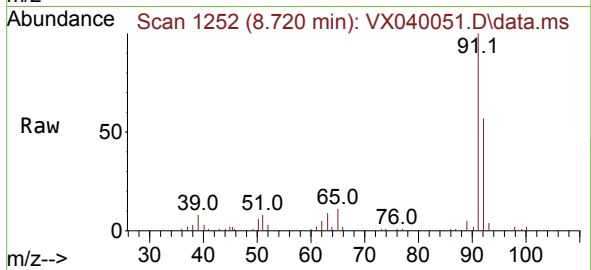




#52
Toluene
Concen: 3.966 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

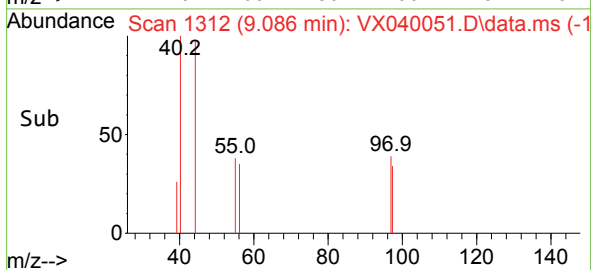
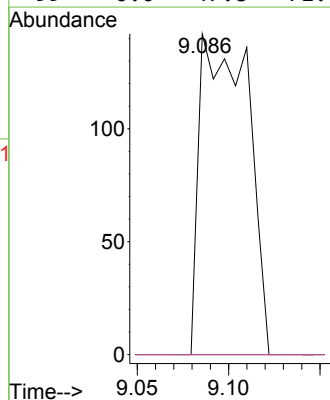
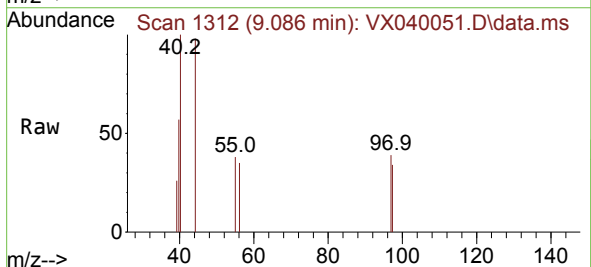
Instrument :
MSVOA_X
ClientSampleId :
1240

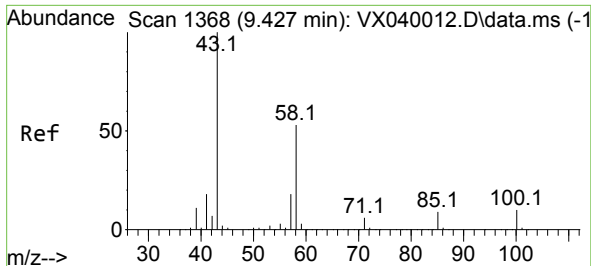
Tgt Ion: 92 Resp: 10582
Ion Ratio Lower Upper
92 100
91 173.0 134.2 201.2



#55
1,1,2-Trichloroethane
Concen: 0.235 ug/l
RT: 9.086 min Scan# 1312
Delta R.T. -0.067 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

Tgt Ion: 97 Resp: 260
Ion Ratio Lower Upper
97 100
83 0.0 65.8 98.8#
85 0.0 41.6 62.4#
99 0.0 47.8 71.8#

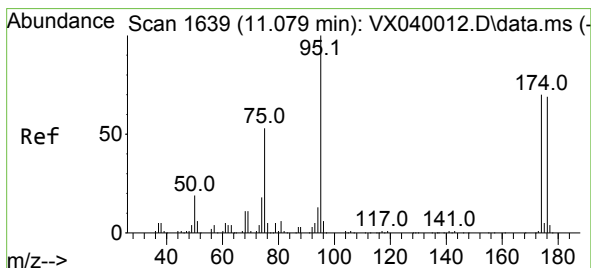
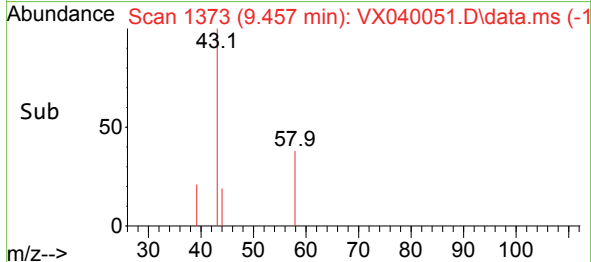
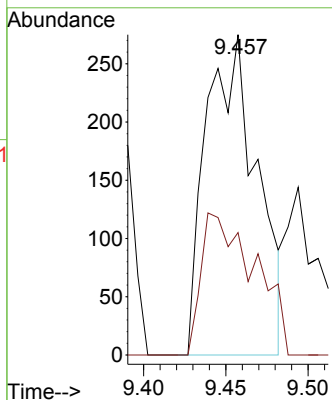
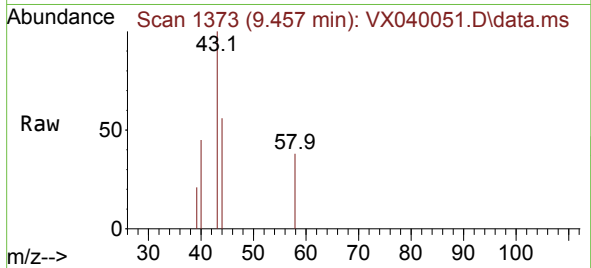




#59
2-Hexanone
Concen: 0.430 ug/l
RT: 9.457 min Scan# 11
Delta R.T. 0.030 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

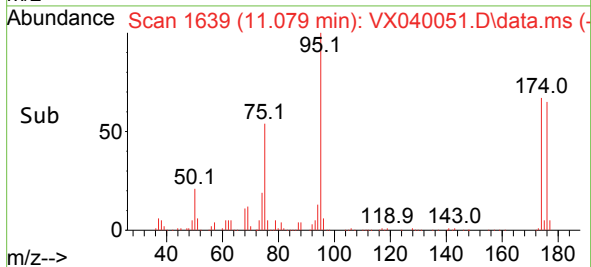
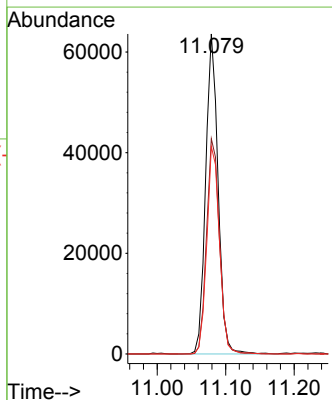
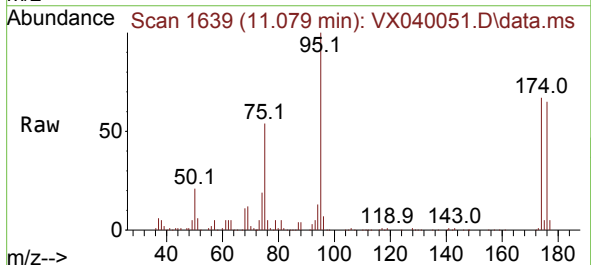
Instrument :
MSVOA_X
ClientSampleId :
1240

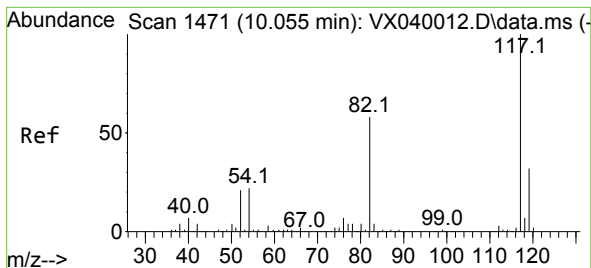
Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
58 46.5 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 54.900 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

Tgt Ion: 95 Resp: 80344
Ion Ratio Lower Upper
95 100
174 69.6 0.0 135.6
176 66.2 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: VX040051.D

Acq: 31 Jan 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

1240

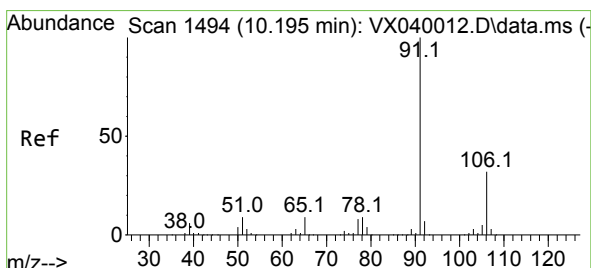
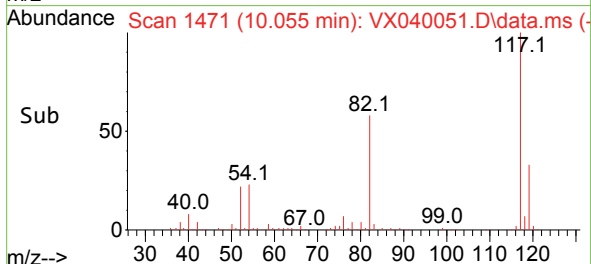
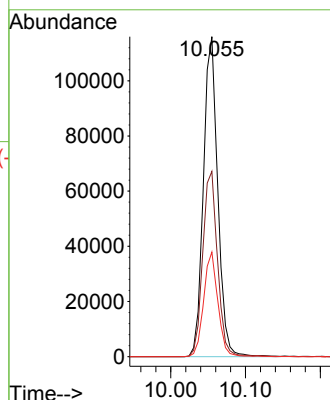
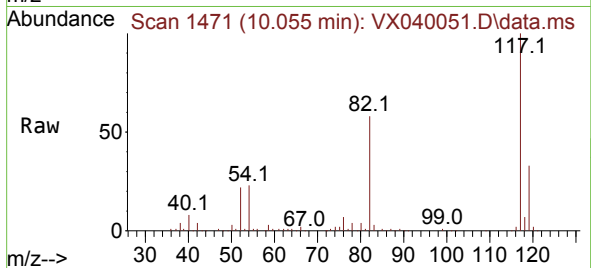
Tgt Ion:117 Resp: 154770

Ion Ratio Lower Upper

117 100

82 57.9 46.2 69.4

119 32.7 25.5 38.3



#67

Ethyl Benzene

Concen: 6.325 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX040051.D

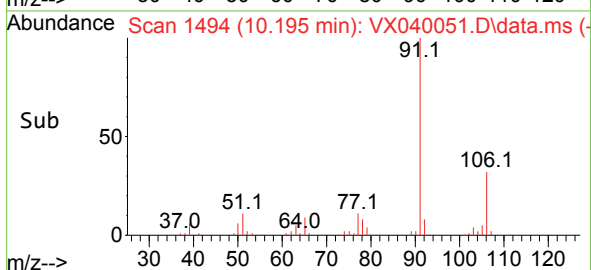
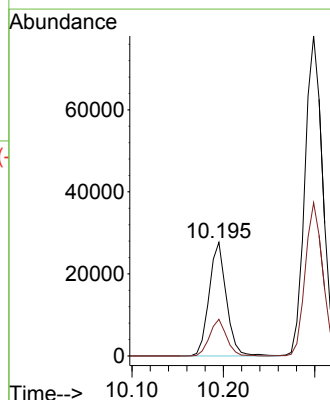
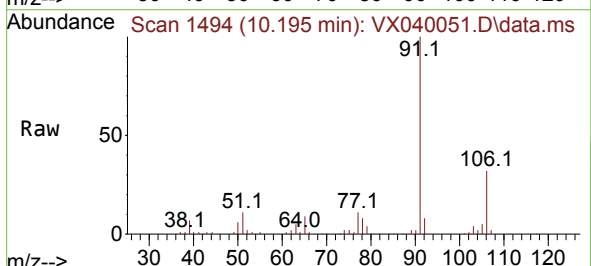
Acq: 31 Jan 2024 16:37

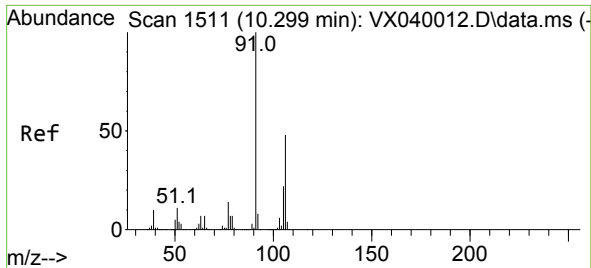
Tgt Ion: 91 Resp: 36307

Ion Ratio Lower Upper

91 100

106 32.2 24.9 37.3

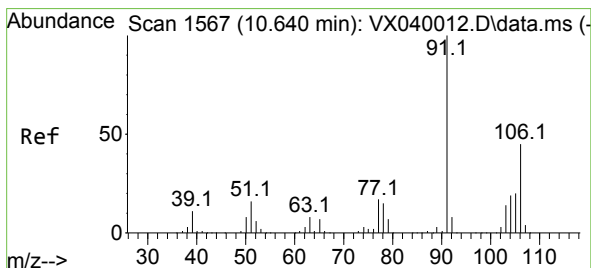
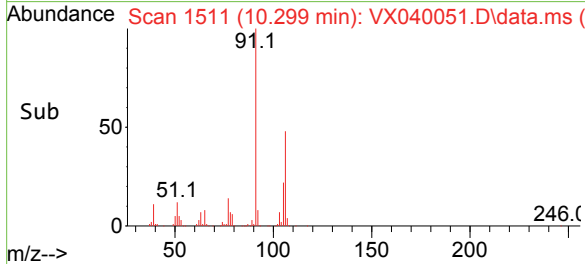
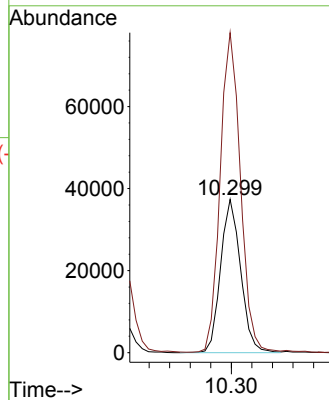
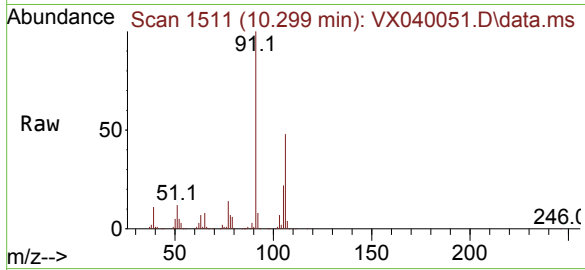




#68
m/p-Xylenes
Concen: 23.446 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

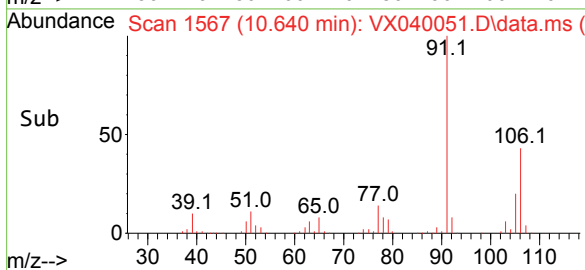
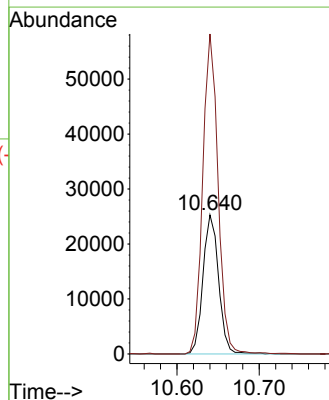
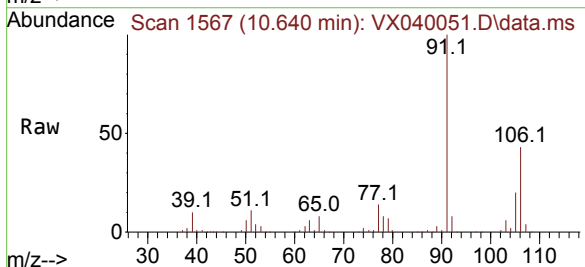
Instrument :
MSVOA_X
ClientSampleId :
1240

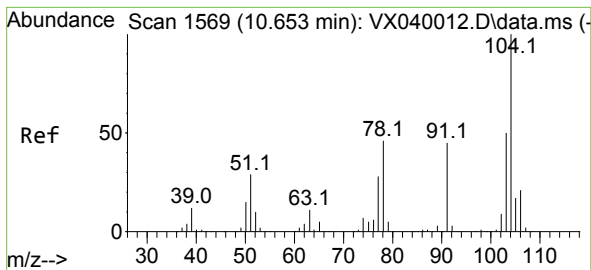
Tgt Ion:106 Resp: 50628
Ion Ratio Lower Upper
106 100
91 212.8 165.5 248.3



#69
o-Xylene
Concen: 16.313 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

Tgt Ion:106 Resp: 33413
Ion Ratio Lower Upper
106 100
91 224.9 108.9 326.8





#70

Styrene

Concen: 0.643 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.007 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

1240

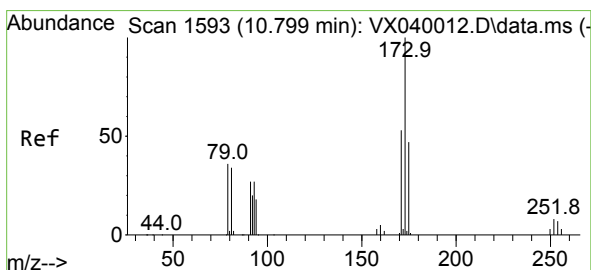
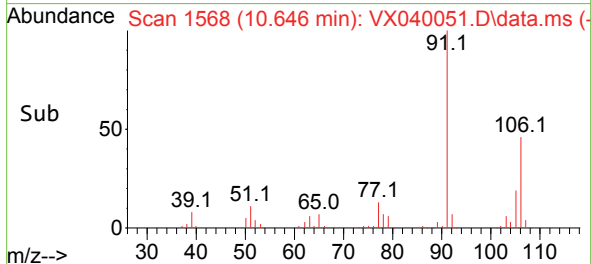
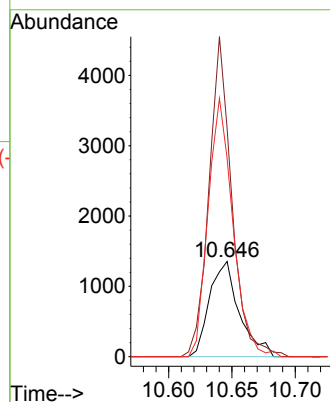
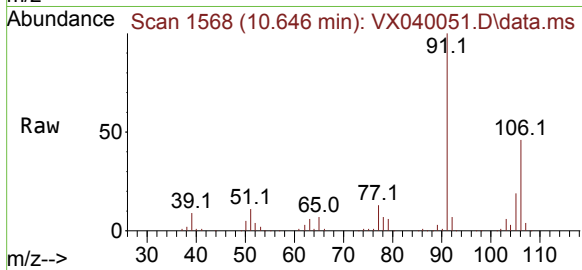
Tgt Ion:104 Resp: 2219

Ion Ratio Lower Upper

104 100

78 257.1 43.6 65.4#

103 225.5 43.6 65.4#



#71

Bromoform

Concen: 0.608 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

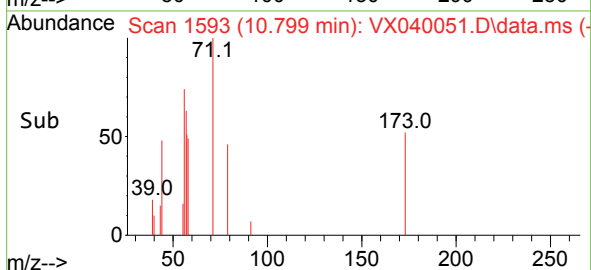
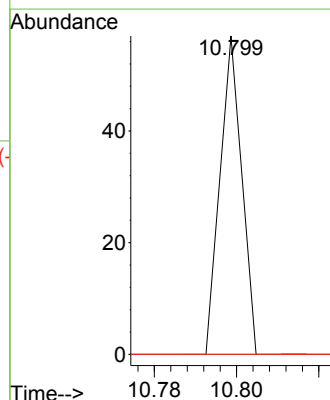
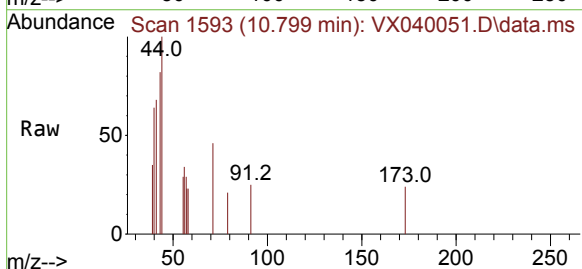
Tgt Ion:173 Resp: 21

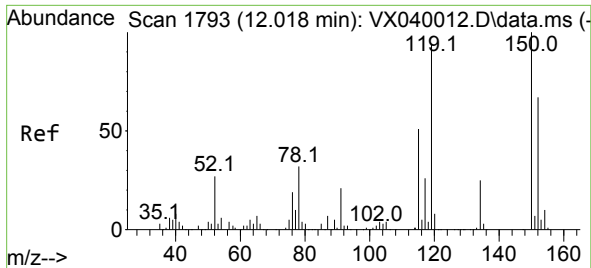
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

254 0.0 0.0 0.0

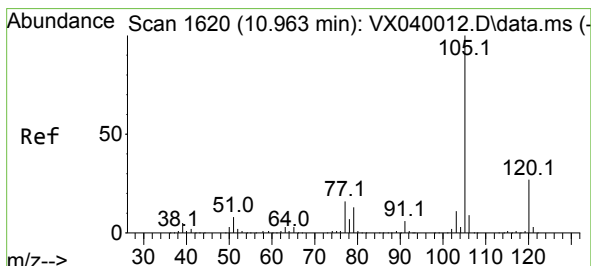
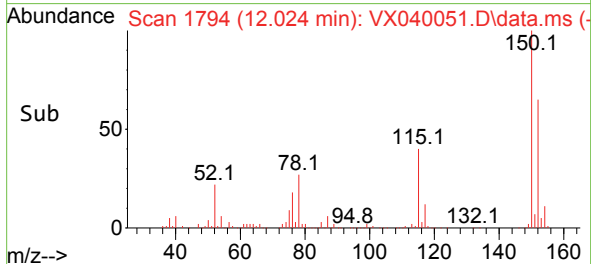
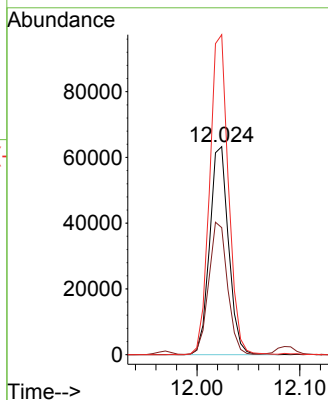
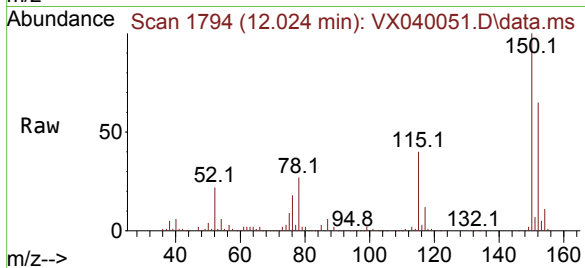




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040051.D
 Acq: 31 Jan 2024 16:37

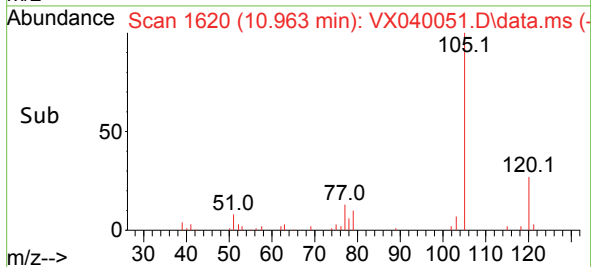
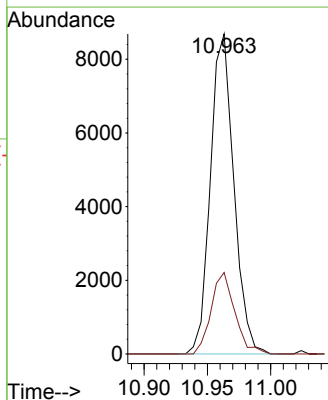
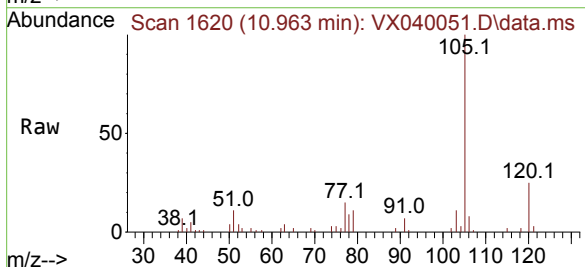
Instrument :
 MSVOA_X
 ClientSampleId :
 1240

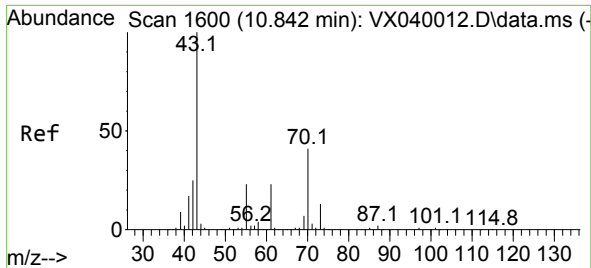
Tgt Ion:152 Resp: 80907
 Ion Ratio Lower Upper
 152 100
 115 63.5 43.3 129.9
 150 153.3 0.0 345.0



#73
 Isopropylbenzene
 Concen: 1.926 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX040051.D
 Acq: 31 Jan 2024 16:37

Tgt Ion:105 Resp: 11190
 Ion Ratio Lower Upper
 105 100
 120 25.7 12.9 38.6

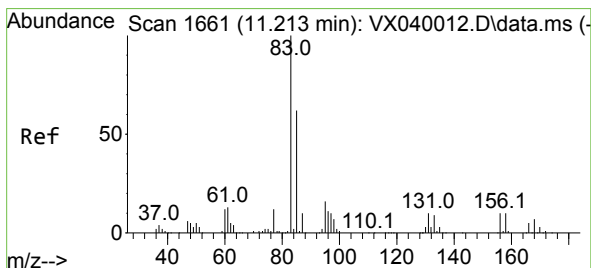
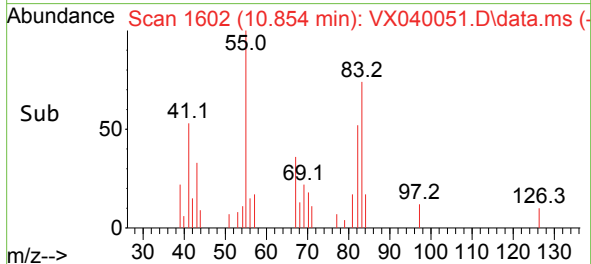
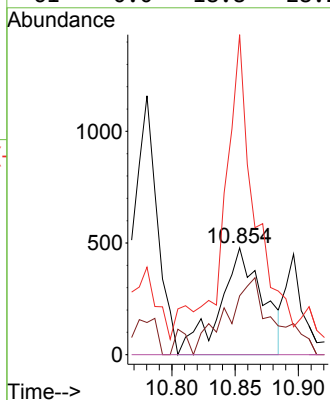
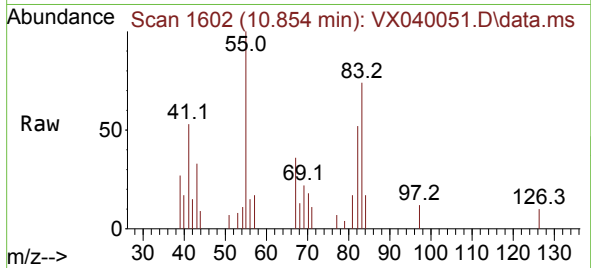




#74
N-amy1 acetate
Concen: 0.623 ug/l
RT: 10.854 min Scan# 1117
Delta R.T. 0.011 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

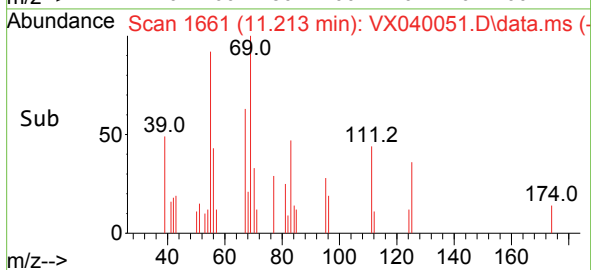
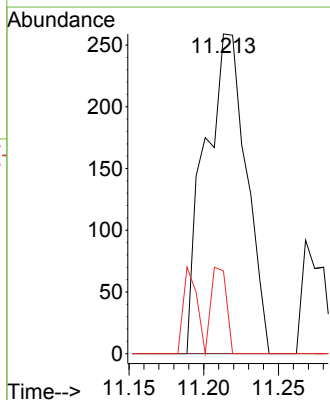
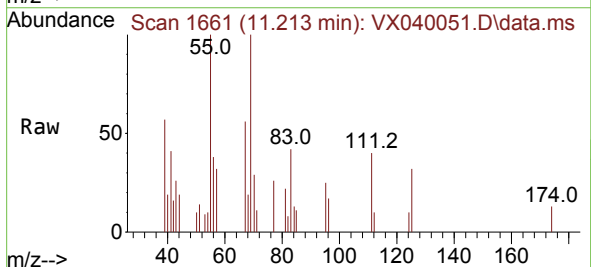
Instrument :
MSVOA_X
ClientSampleId :
1240

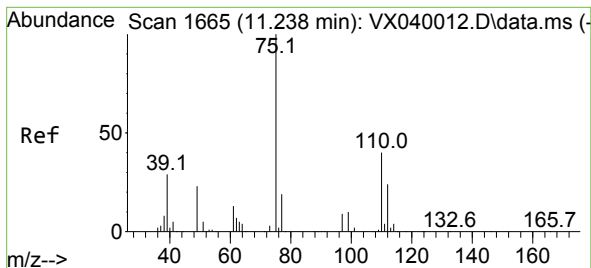
Tgt Ion:	43	Resp:	1117
Ion	Ratio	Lower	Upper
43	100		
70	81.5	32.9	49.3#
55	194.4	19.3	28.9#
61	0.0	18.8	28.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.228 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

Tgt Ion:	83	Resp:	498
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.8#
85	0.0	32.0	96.2#





#76

1,2,3-Trichloropropane

Concen: 0.805 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.140 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

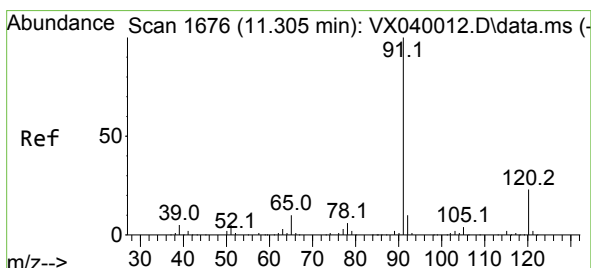
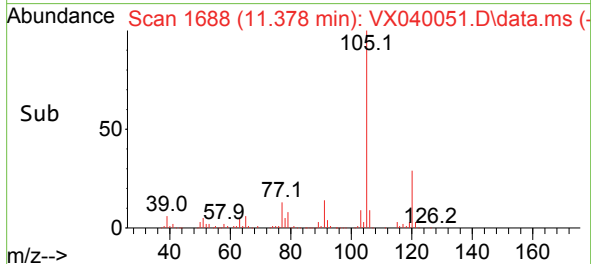
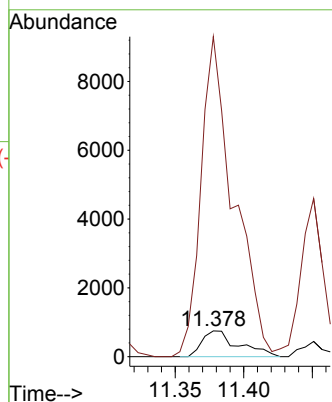
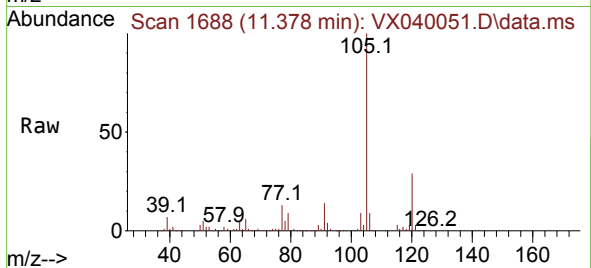
1240

Tgt Ion: 75 Resp: 1387

Ion Ratio Lower Upper

75 100

77 1118.6 19.1 57.5#



#78

n-propylbenzene

Concen: 4.473 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040051.D

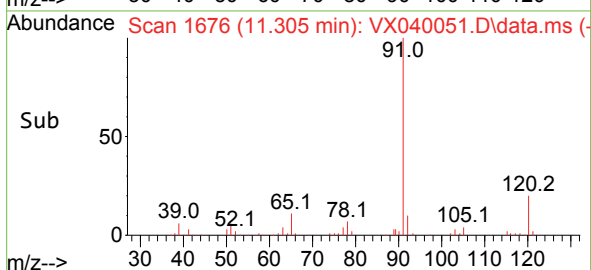
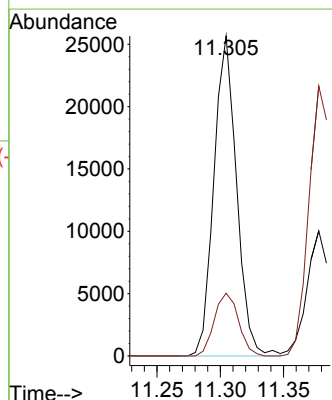
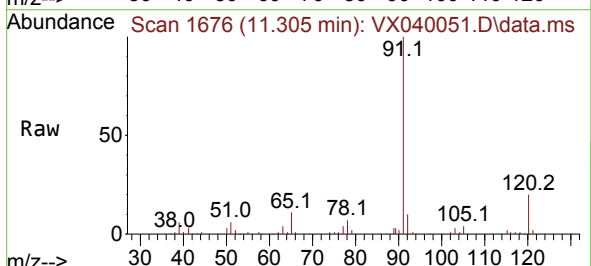
Acq: 31 Jan 2024 16:37

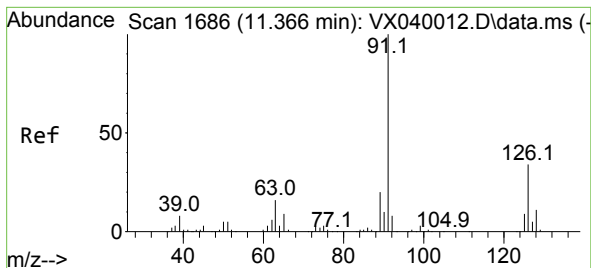
Tgt Ion: 91 Resp: 31978

Ion Ratio Lower Upper

91 100

120 21.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 3.896 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

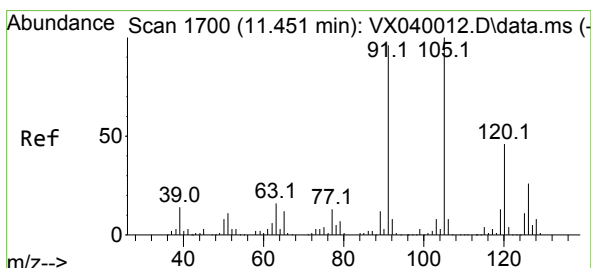
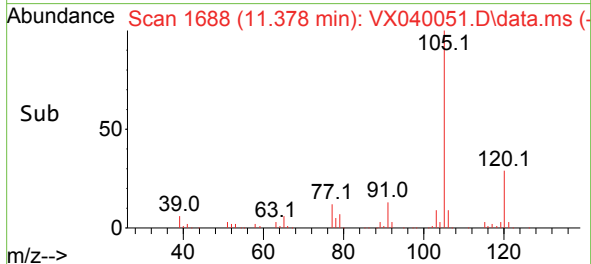
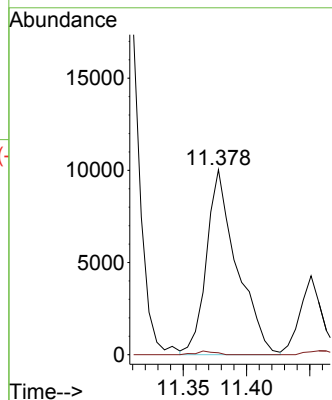
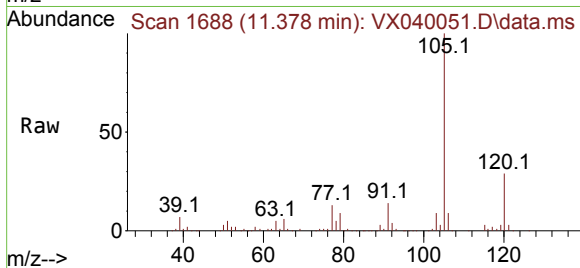
1240

Tgt Ion: 91 Resp: 16769

Ion Ratio Lower Upper

91 100

126 1.2 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 7.661 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040051.D

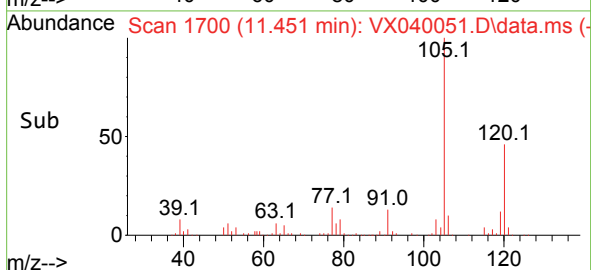
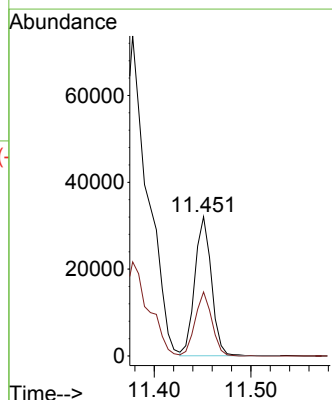
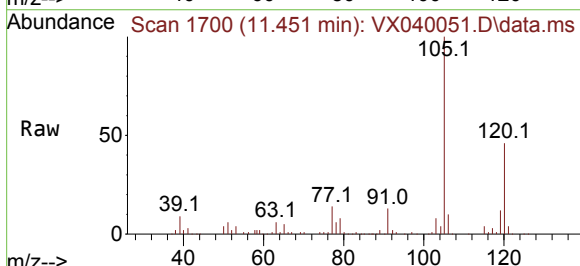
Acq: 31 Jan 2024 16:37

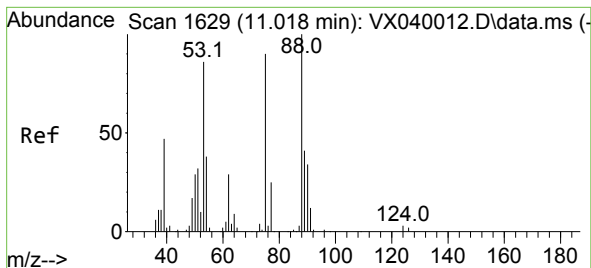
Tgt Ion: 105 Resp: 38259

Ion Ratio Lower Upper

105 100

120 46.3 24.1 72.3

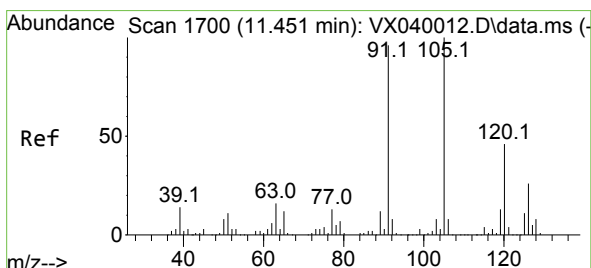
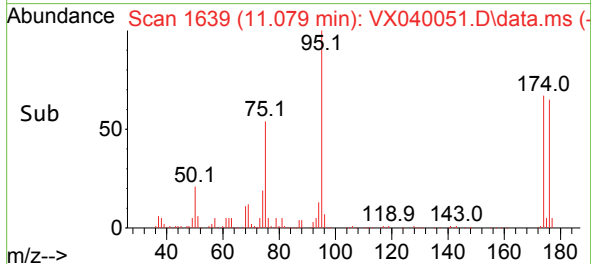
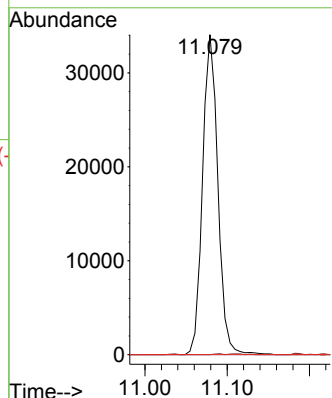
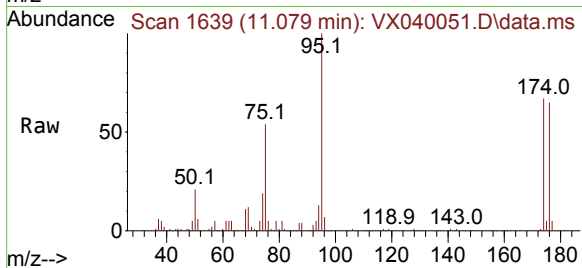




#81
trans-1,4-Dichloro-2-butene
Concen: 75.509 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

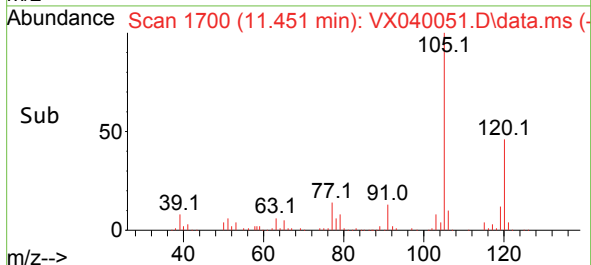
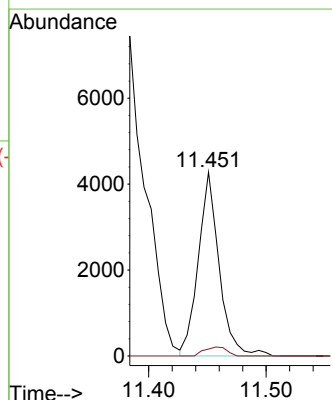
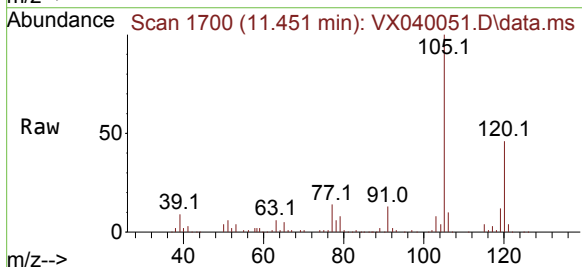
Instrument :
MSVOA_X
ClientSampleId :
1240

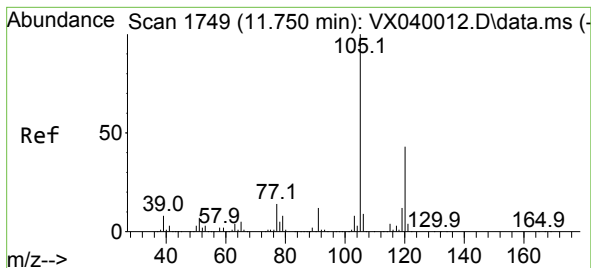
Tgt Ion: 75 Resp: 44181
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 1.072 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040051.D
Acq: 31 Jan 2024 16:37

Tgt Ion: 91 Resp: 5296
Ion Ratio Lower Upper
91 100
126 5.2 14.2 42.6#





#84

1,2,4-Trimethylbenzene

Concen: 32.166 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

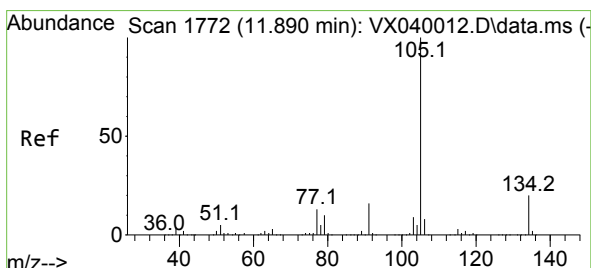
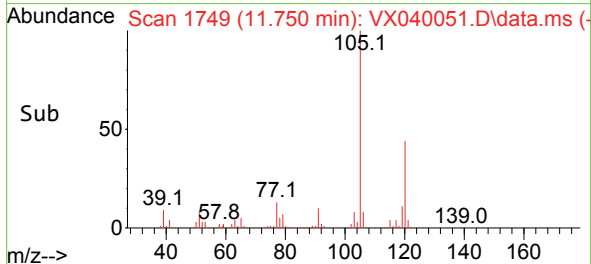
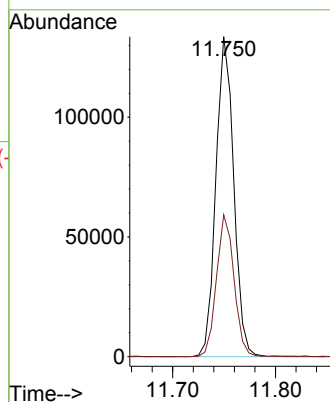
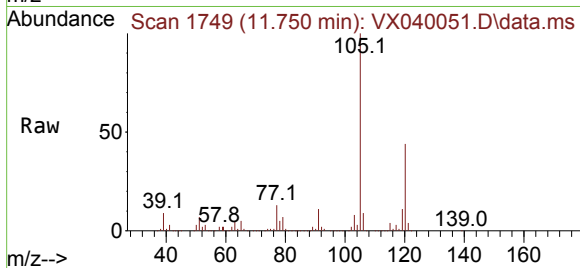
1240

Tgt Ion:105 Resp: 160301

Ion Ratio Lower Upper

105 100

120 43.8 21.2 63.6



#85

sec-Butylbenzene

Concen: 1.721 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040051.D

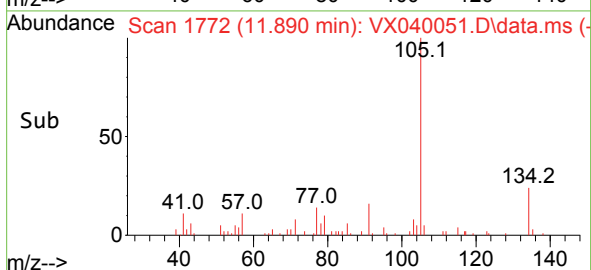
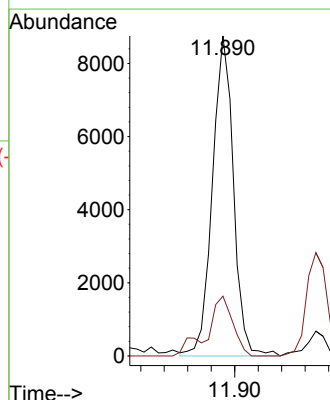
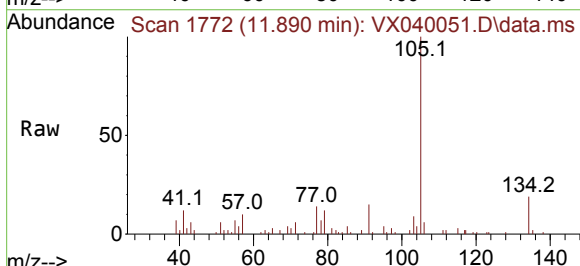
Acq: 31 Jan 2024 16:37

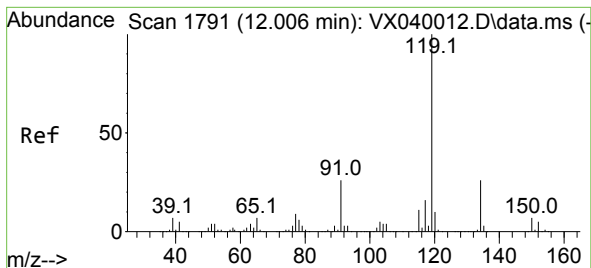
Tgt Ion:105 Resp: 10894

Ion Ratio Lower Upper

105 100

134 22.8 9.8 29.4





#86

p-Isopropyltoluene

Concen: 1.370 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

1240

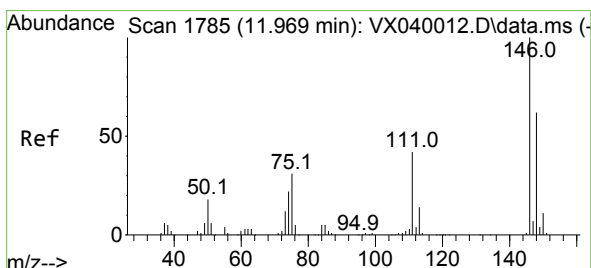
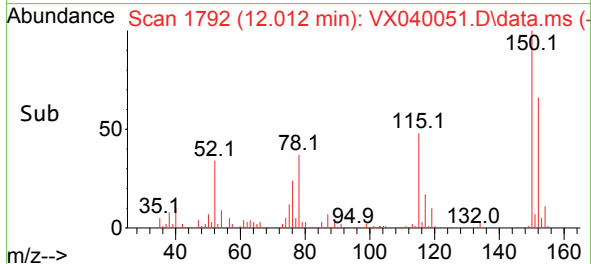
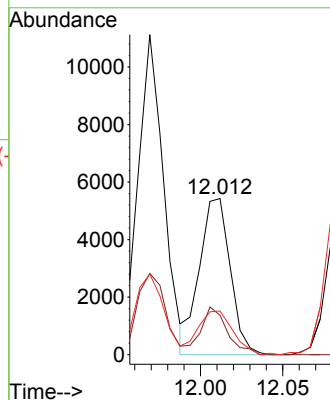
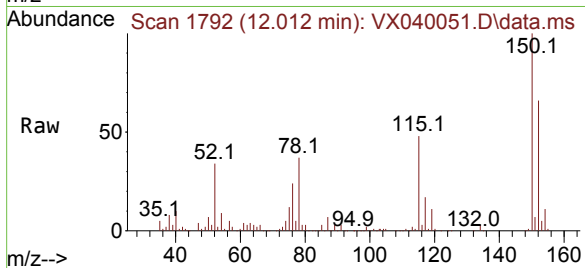
Tgt Ion:119 Resp: 7085

Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.3

91 32.0 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.294 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

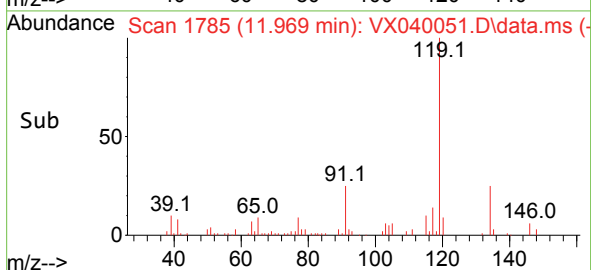
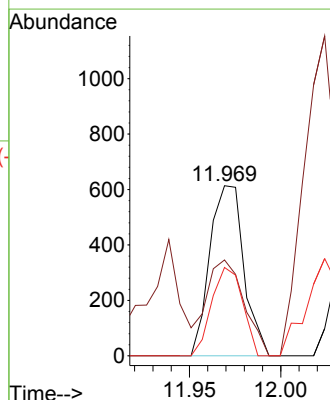
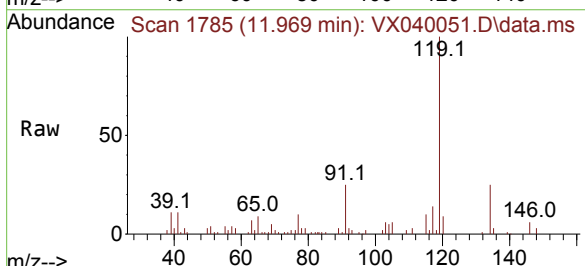
Tgt Ion:146 Resp: 795

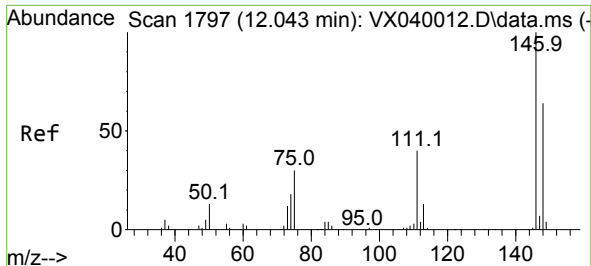
Ion Ratio Lower Upper

146 100

111 62.3 22.1 66.1

148 47.3 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.287 ug/l

RT: 11.969 min Scan# 1

Delta R.T. -0.073 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

1240

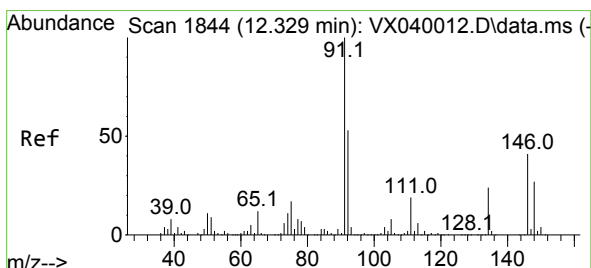
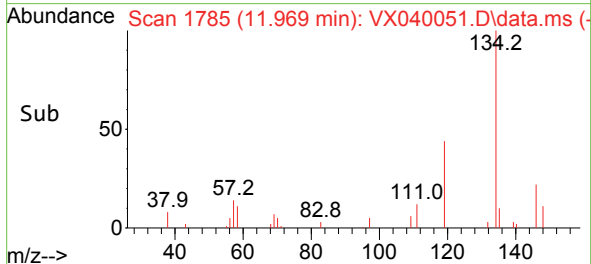
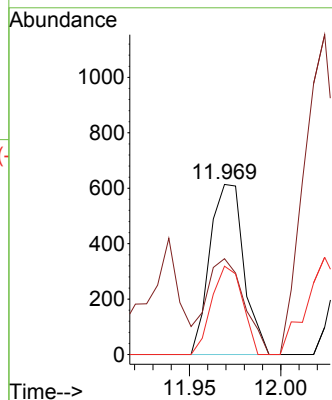
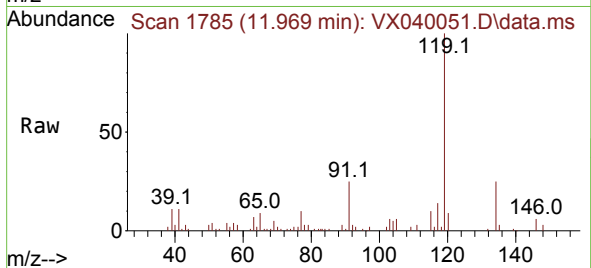
Tgt Ion:146 Resp: 795

Ion Ratio Lower Upper

146 100

111 62.3 21.3 63.7

148 47.3 31.8 95.4



#89

n-Butylbenzene

Concen: 4.140 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

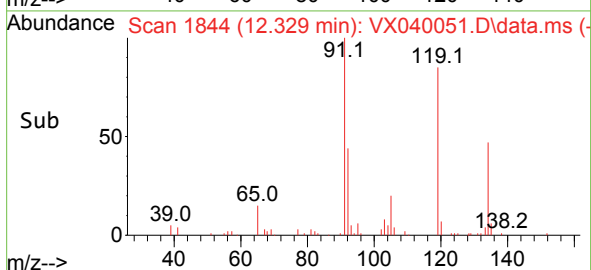
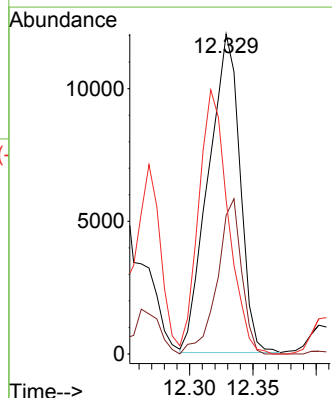
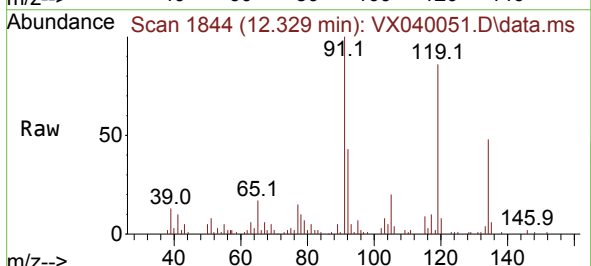
Tgt Ion: 91 Resp: 20775

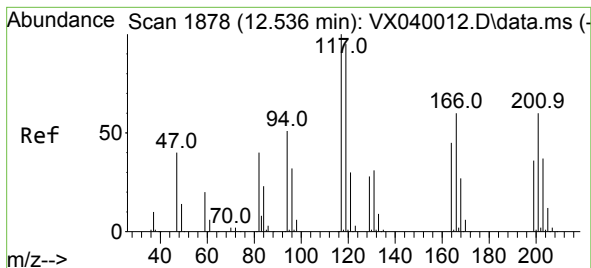
Ion Ratio Lower Upper

91 100

92 37.6 27.4 82.0

134 77.4 12.6 37.8#





#90

Hexachloroethane

Concen: 3.299 ug/l

RT: 12.530 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

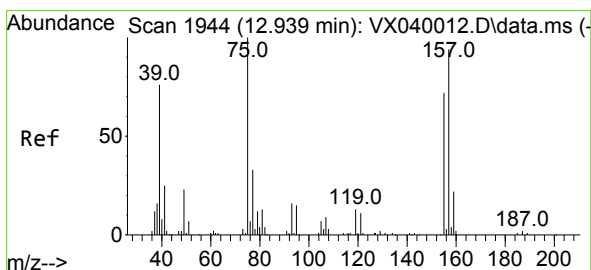
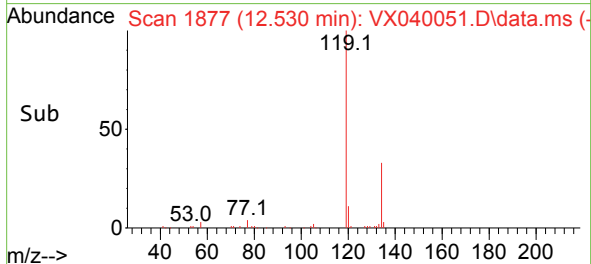
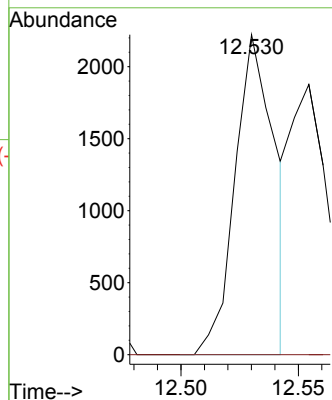
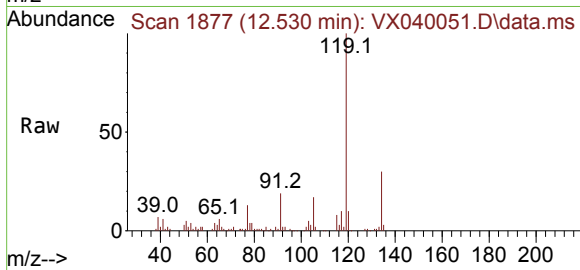
1240

Tgt Ion:117 Resp: 2630

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.446 ug/l

RT: 12.920 min Scan# 1941

Delta R.T. -0.018 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

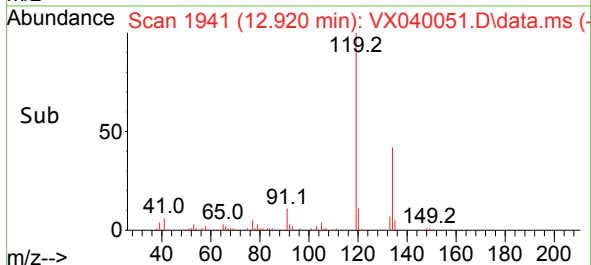
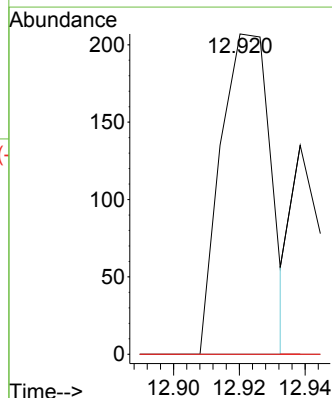
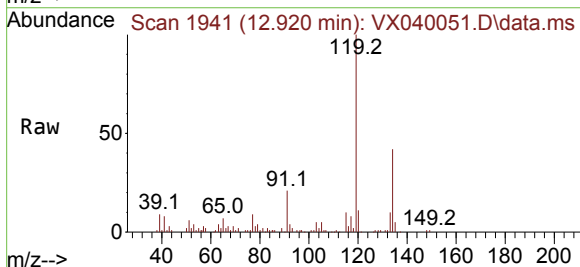
Tgt Ion: 75 Resp: 221

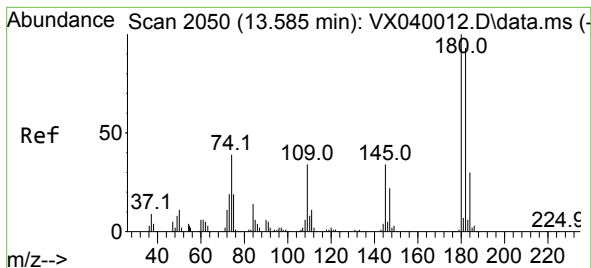
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.729 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

1240

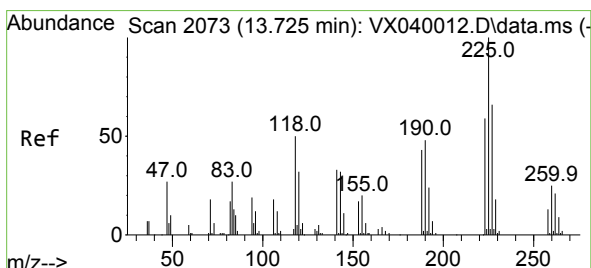
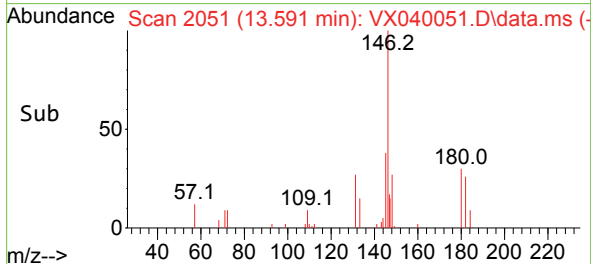
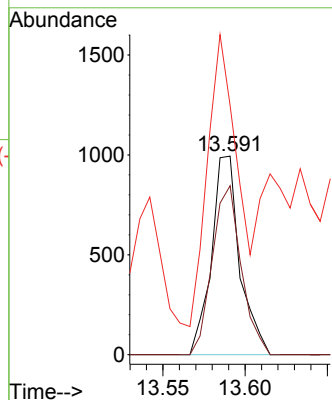
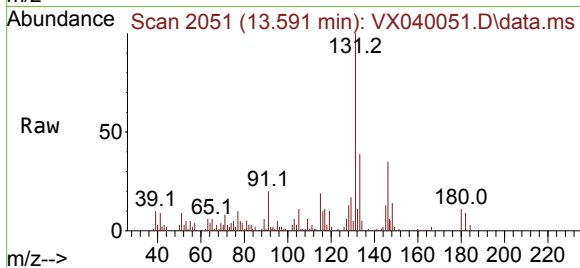
Tgt Ion:180 Resp: 1188

Ion Ratio Lower Upper

180 100

182 87.5 48.3 144.8

145 154.0 18.0 54.0#



#94

Hexachlorobutadiene

Concen: 0.871 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

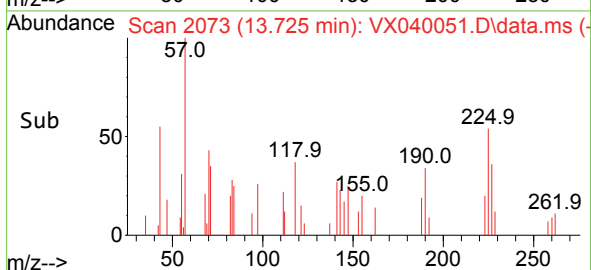
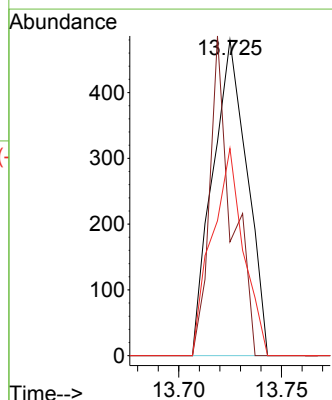
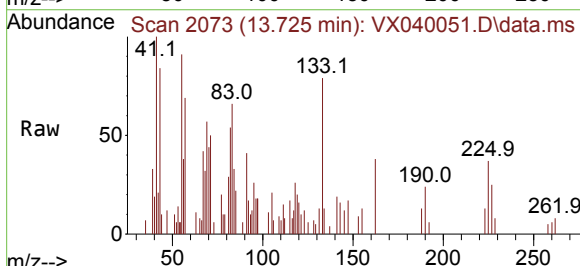
Tgt Ion:225 Resp: 559

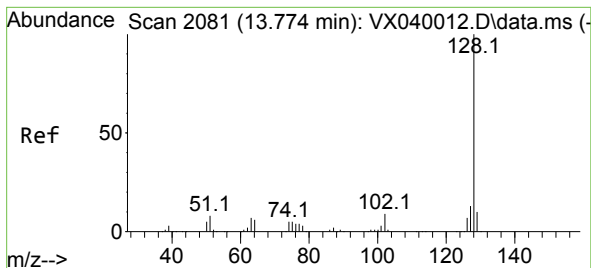
Ion Ratio Lower Upper

225 100

223 64.9 31.1 93.2

227 60.3 32.5 97.5





#95

Naphthalene

Concen: 5.486 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

Instrument :

MSVOA_X

ClientSampleId :

1240

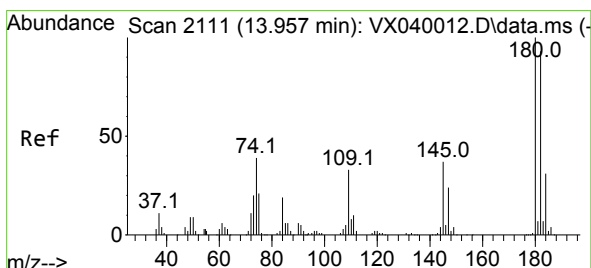
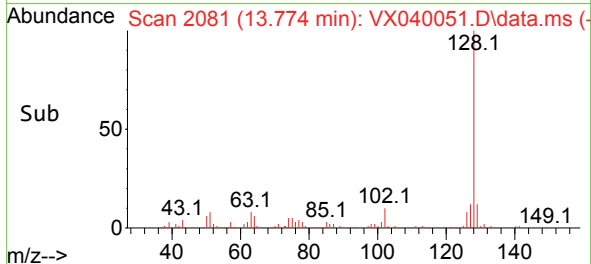
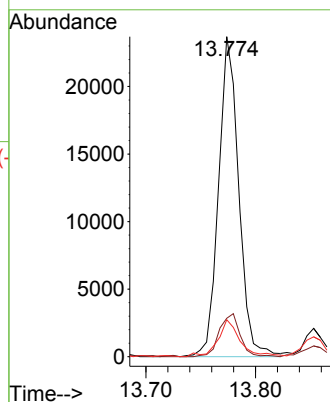
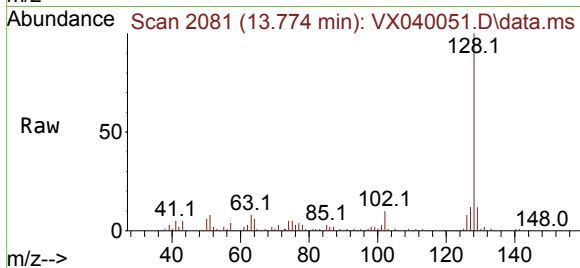
Tgt Ion:128 Resp: 30361

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 12.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.654 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040051.D

Acq: 31 Jan 2024 16:37

Tgt Ion:180 Resp: 1053

Ion Ratio Lower Upper

180 100

182 91.2 46.9 140.6

145 176.2 17.8 53.5#

