

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039853.D
 Acq On : 19 Jan 2024 21:16
 Operator : JC/MD
 Sample : VX0119MBL02
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0119MBL02

Quant Time: Jan 20 03:25:06 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)

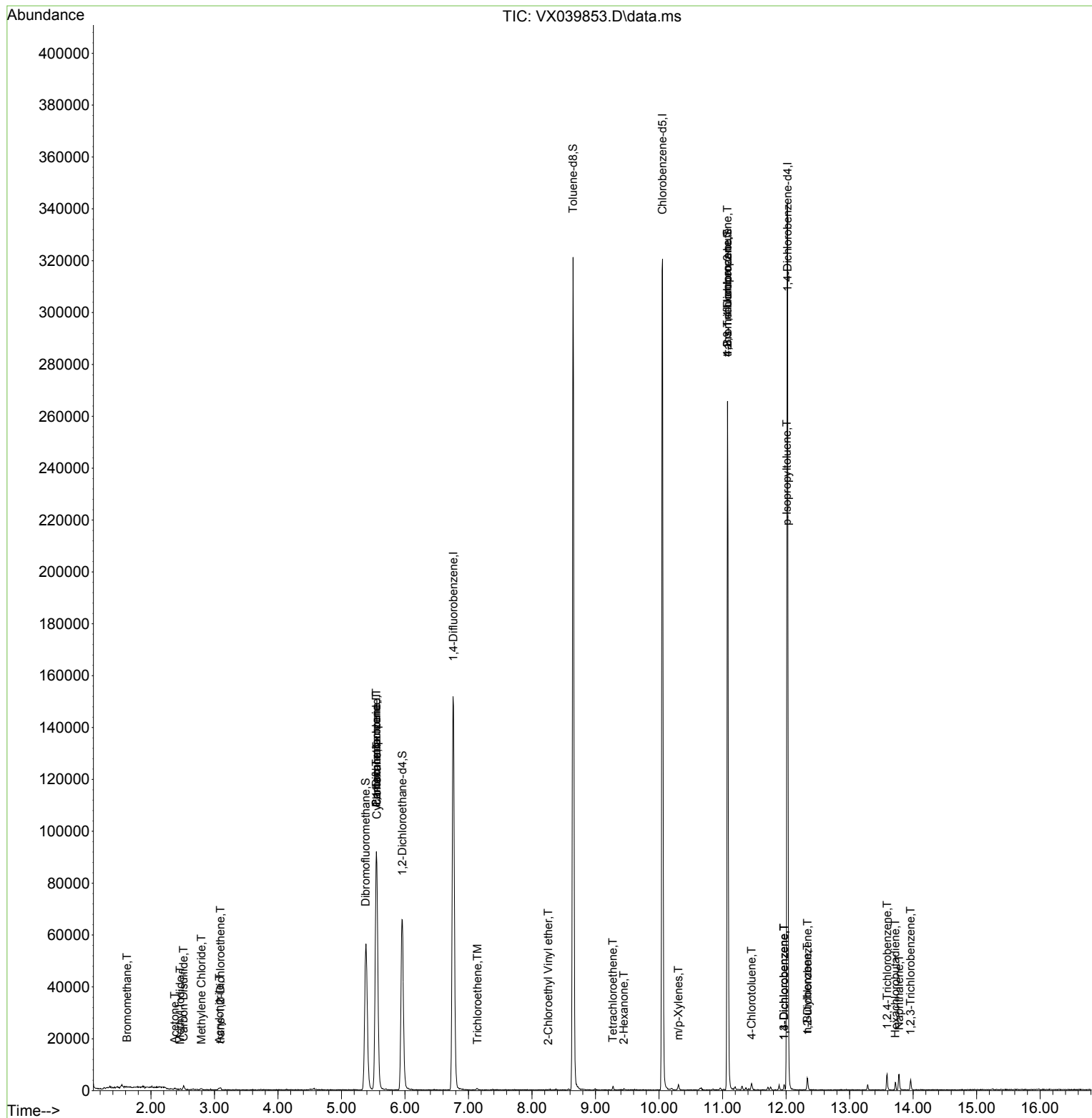
Internal Standards						
1) Pentafluorobenzene	5.550	168	81827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148379	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62944	45.920	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.840%		
35) Dibromofluoromethane	5.379	113	49334	49.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.720%		
50) Toluene-d8	8.647	98	181268	48.091	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.180%		
62) 4-Bromofluorobenzene	11.079	95	70054	47.527	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.060%		
Target Compounds						Qvalue
5) Bromomethane	1.624	94	142	0.218	ug/l #	79
10) Methyl Iodide	2.459	142	228	0.212	ug/l #	34
13) Acrolein	2.239	56	127	Below Cal		86
15) Acrylonitrile	3.081	53	487	0.661	ug/l #	90
16) Acetone	2.373	43	374	0.485	ug/l	92
17) Carbon Disulfide	2.514	76	1701	0.601	ug/l	99
20) Methylene Chloride	2.794	84	264	0.226	ug/l #	58
21) trans-1,2-Dichloroethene	3.093	96	242	0.233	ug/l #	53
31) Cyclohexane	5.556	56	2223	1.229	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	7638	4.910	ug/l #	52
38) Carbon Tetrachloride	5.550	117	9136	6.412	ug/l #	16
44) Trichloroethene	7.141	130	226	0.209	ug/l	71
58) 2-Chloroethyl Vinyl ether	8.257	63	178	0.208	ug/l #	47
59) 2-Hexanone	9.445	43	424	0.256	ug/l	78
64) Tetrachloroethene	9.275	164	260	0.283	ug/l #	77
68) m/p-Xylenes	10.305	106	536	0.267	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	39068	22.528	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39068	65.206	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1283	0.284	ug/l	83
86) p-Isopropyltoluene	12.012	119	1028	0.229	ug/l #	79
87) 1,3-Dichlorobenzene	11.969	146	789	0.347	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	789	0.336	ug/l	92
89) n-Butylbenzene	12.335	91	1716	0.397	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	666	0.296	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	1515	1.103	ug/l	92
94) Hexachlorobutadiene	13.719	225	470	0.823	ug/l	86
95) Naphthalene	13.780	128	4293	0.849	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1013	0.731	ug/l	92

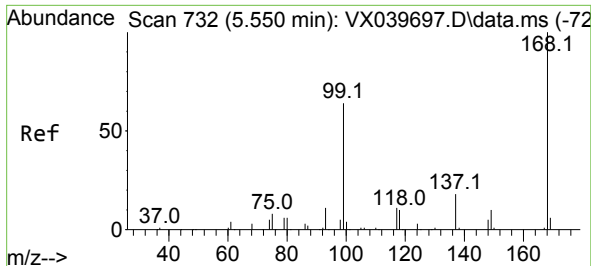
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
Data File : VX039853.D
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Sample : VX0119MBL02
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ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jan 20 03:25:06 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

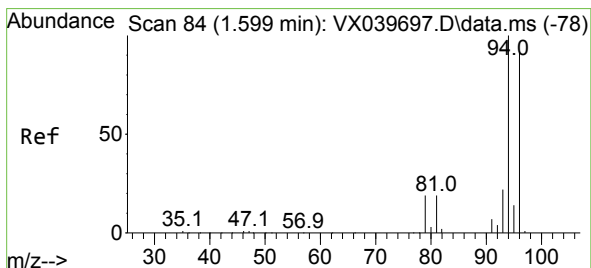
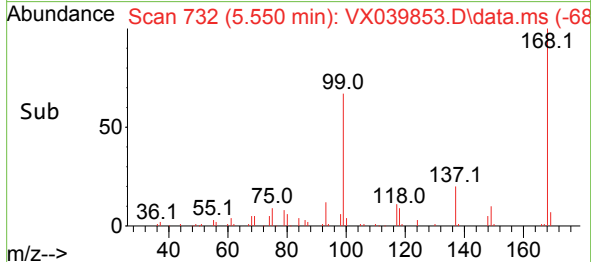
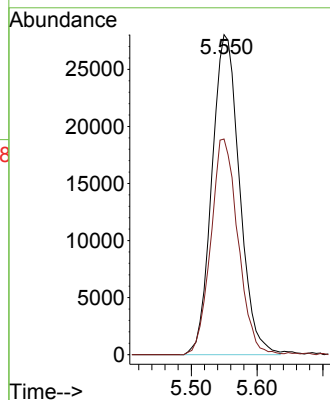
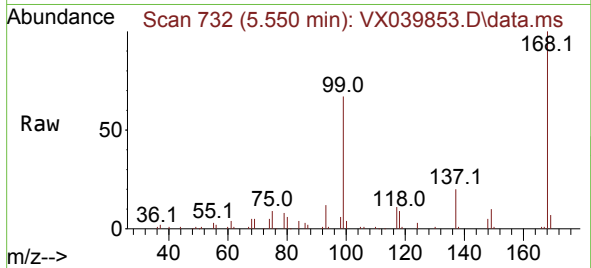




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

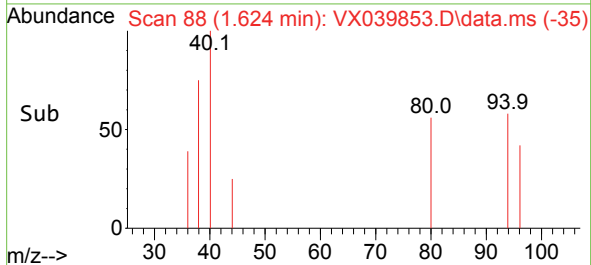
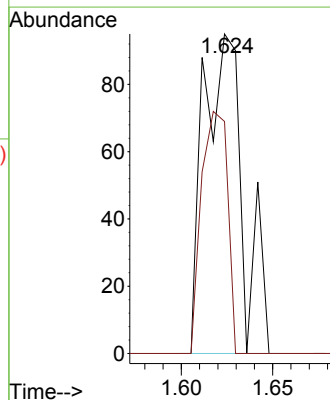
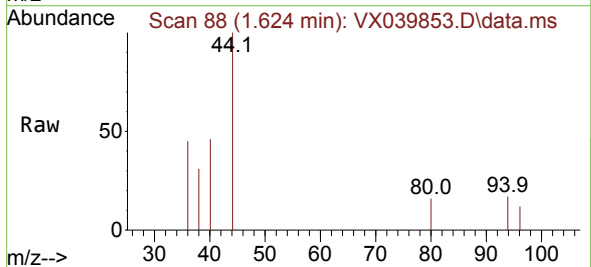
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL02

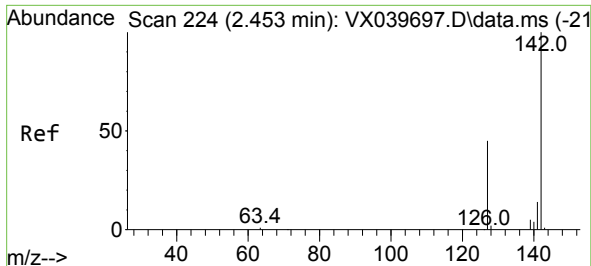
Tgt Ion:168 Resp: 81827
Ion Ratio Lower Upper
168 100
99 67.4 56.6 85.0



#5
Bromomethane
Concen: 0.218 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

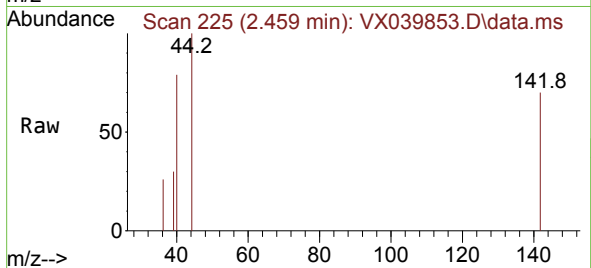
Tgt Ion: 94 Resp: 142
Ion Ratio Lower Upper
94 100
96 72.6 74.6 111.8#



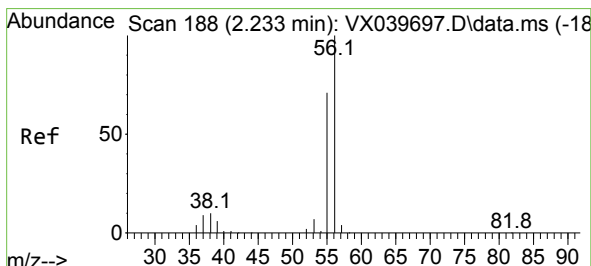
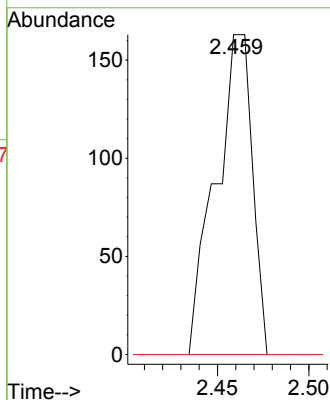
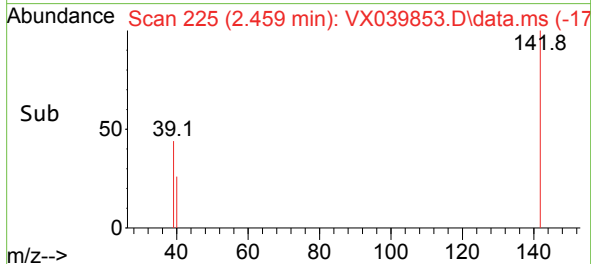


#10
Methyl Iodide
Concen: 0.212 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL02

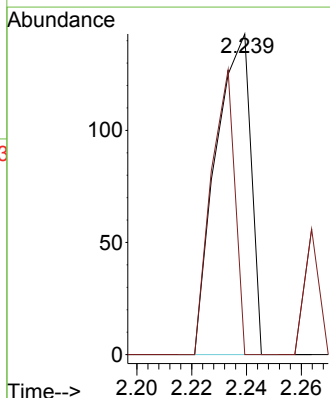
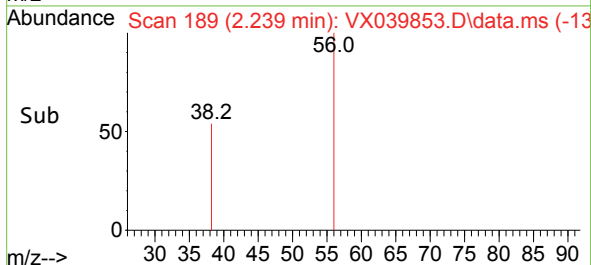
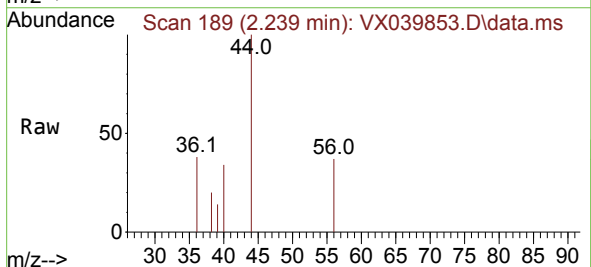


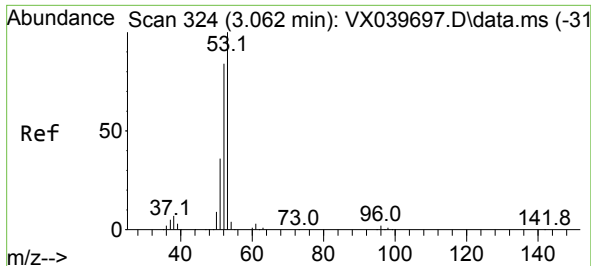
Tgt Ion:142 Resp: 228
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#



#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

Tgt Ion: 56 Resp: 127
Ion Ratio Lower Upper
56 100
55 59.8 57.1 85.7

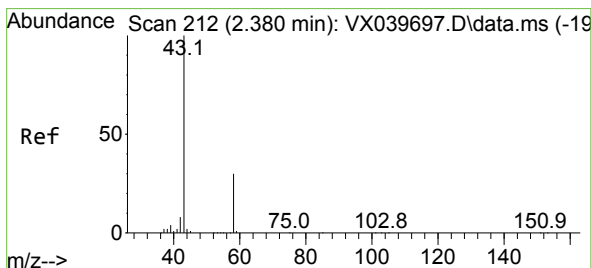
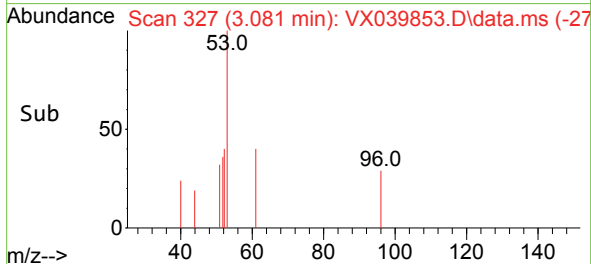
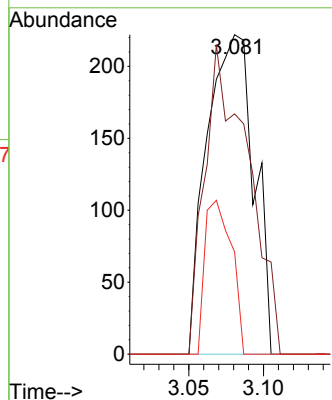
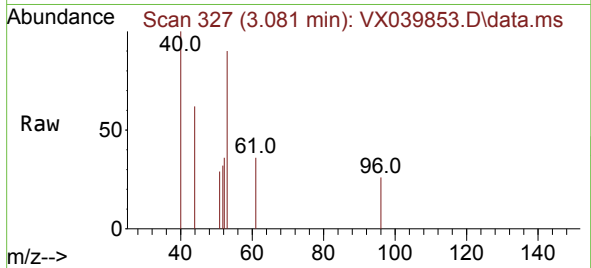




#15
Acrylonitrile
Concen: 0.661 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

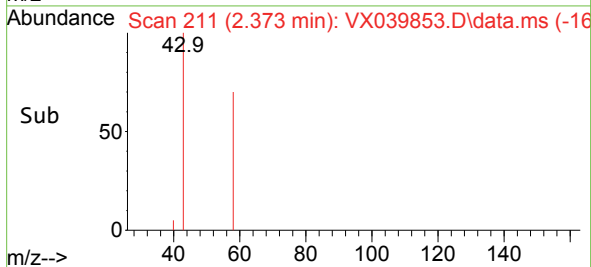
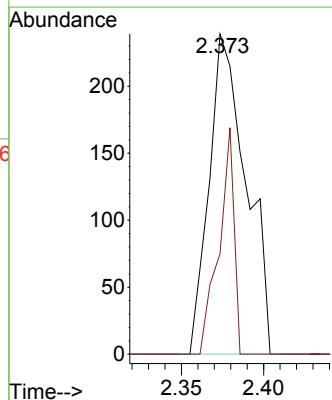
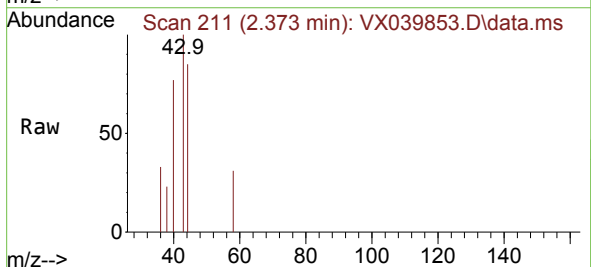
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL02

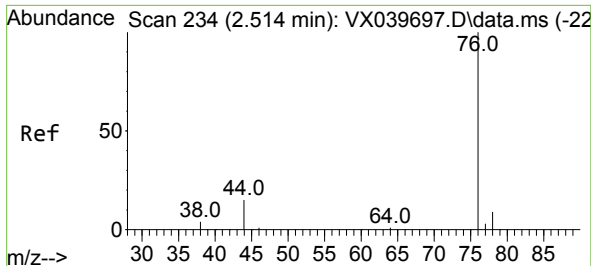
Tgt Ion: 53 Resp: 487
Ion Ratio Lower Upper
53 100
52 89.3 66.0 99.0
51 27.3 29.8 44.6#



#16
Acetone
Concen: 0.485 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

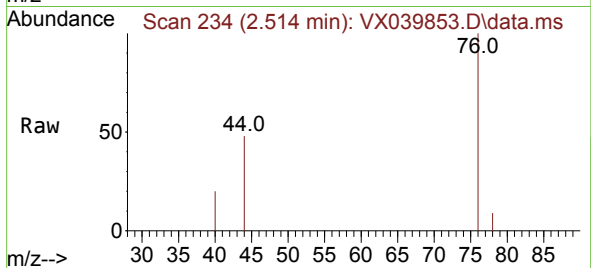
Tgt Ion: 43 Resp: 374
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



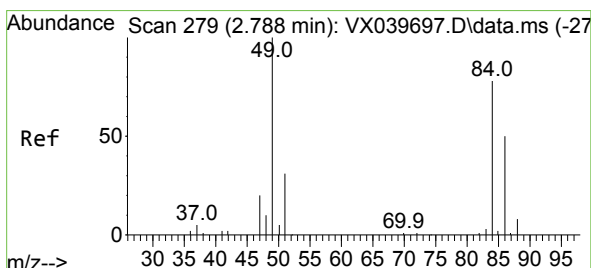
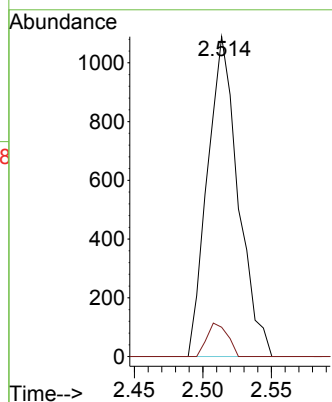
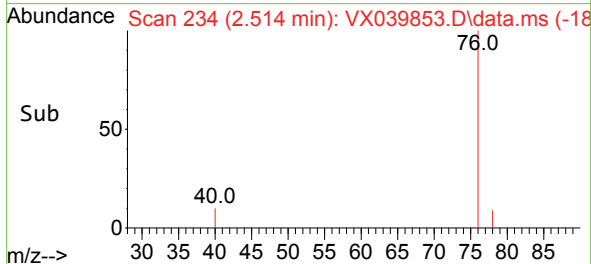


#17
Carbon Disulfide
Concen: 0.601 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

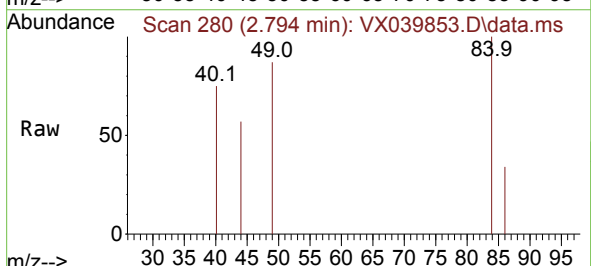
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL02



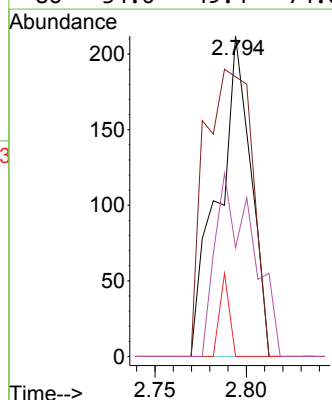
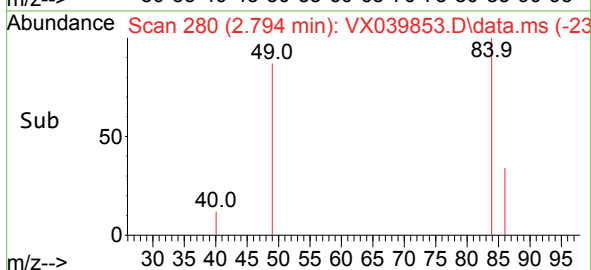
Tgt Ion: 76 Resp: 1701
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

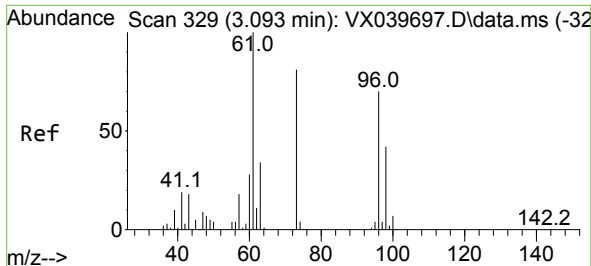


#20
Methylene Chloride
Concen: 0.226 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16



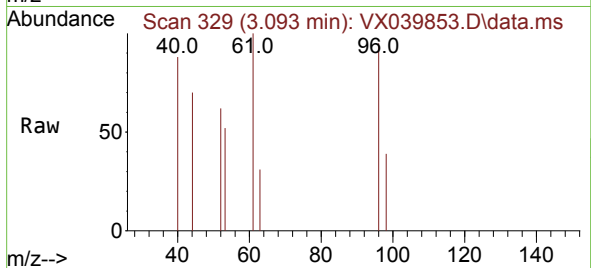
Tgt Ion: 84 Resp: 264
Ion Ratio Lower Upper
84 100
49 87.3 103.6 155.4#
51 0.0 33.8 50.6#
86 34.0 49.4 74.0#



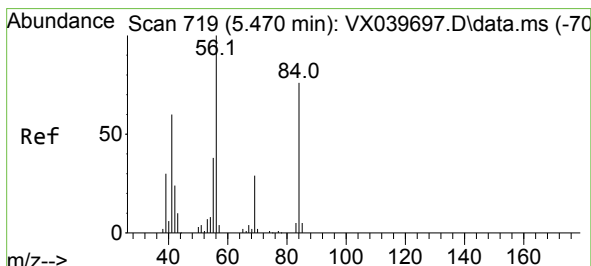
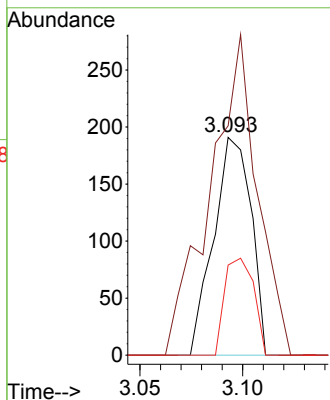
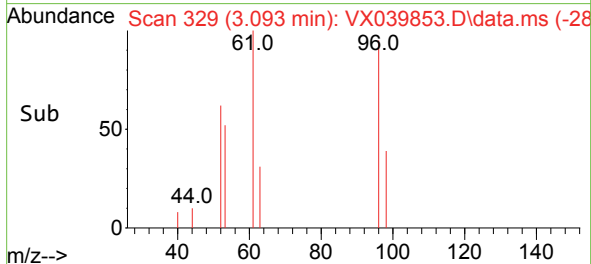


#21
trans-1,2-Dichloroethene
Concen: 0.233 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

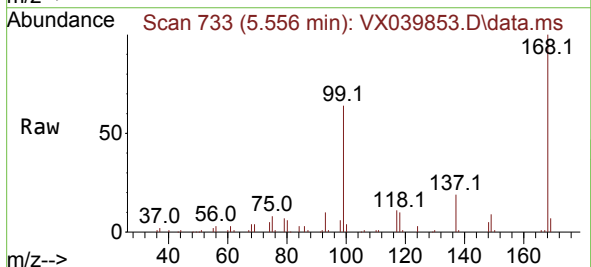
Instrument :
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ClientSampleId :
VX0119MBL02



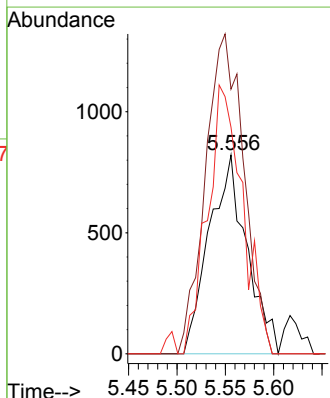
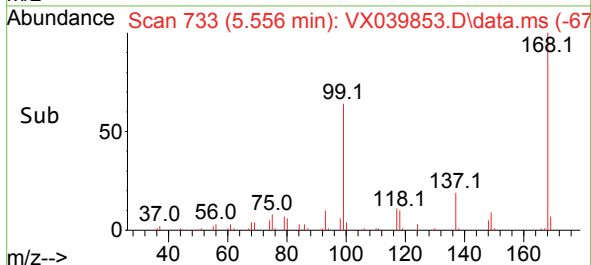
Tgt Ion: 96 Resp: 242
Ion Ratio Lower Upper
96 100
61 78.0 119.2 178.8#
98 41.4 48.7 73.1#

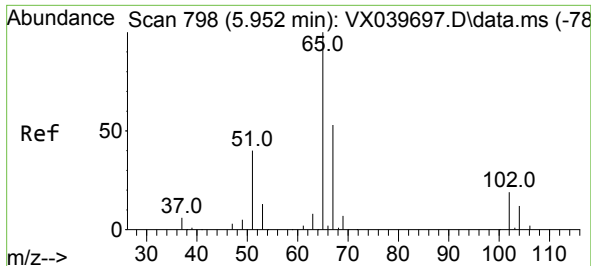


#31
Cyclohexane
Concen: 1.229 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16



Tgt Ion: 56 Resp: 2223
Ion Ratio Lower Upper
56 100
69 133.1 23.4 35.2#
84 114.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.920 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039853.D

Acq: 19 Jan 2024 21:16

Instrument :

MSVOA_X

ClientSampleId :

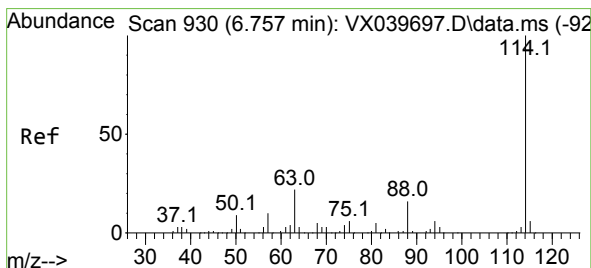
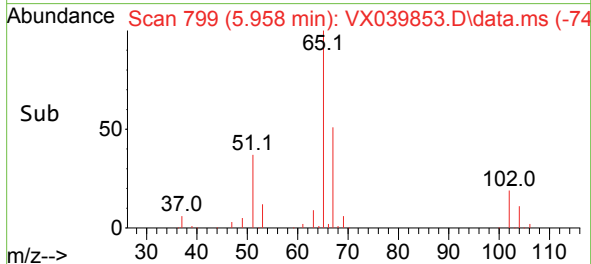
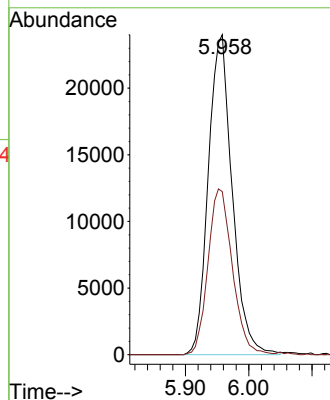
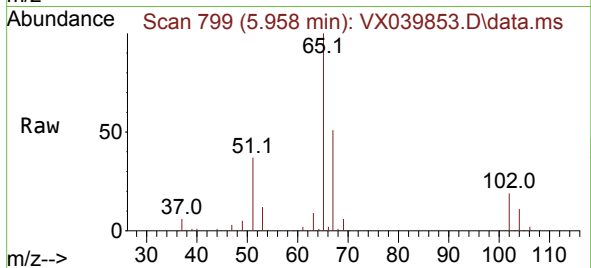
VX0119MBL02

Tgt Ion: 65 Resp: 62944

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039853.D

Acq: 19 Jan 2024 21:16

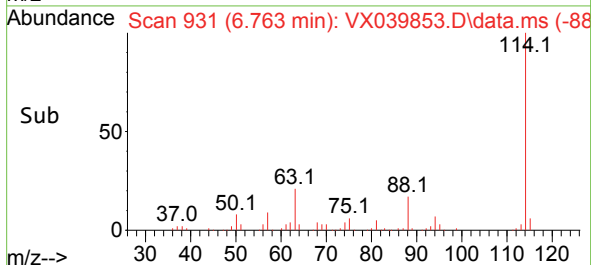
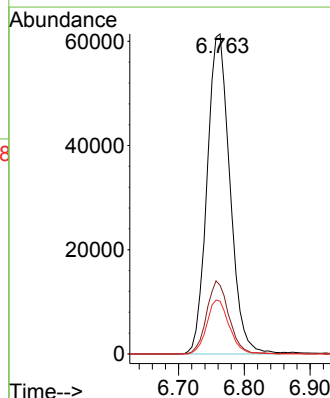
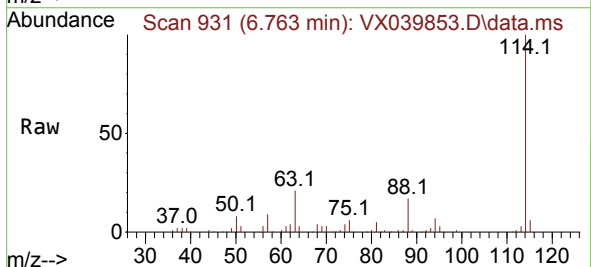
Tgt Ion: 114 Resp: 148379

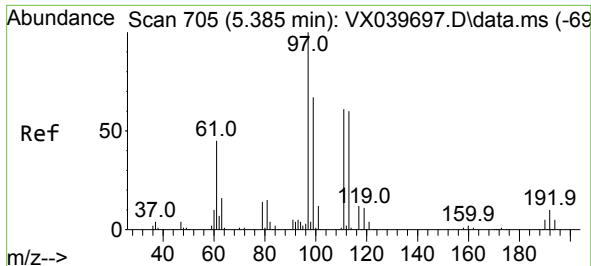
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 16.5 0.0 36.6

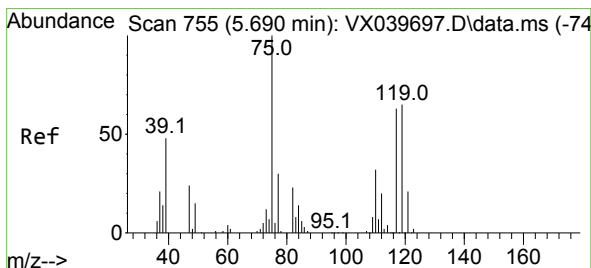
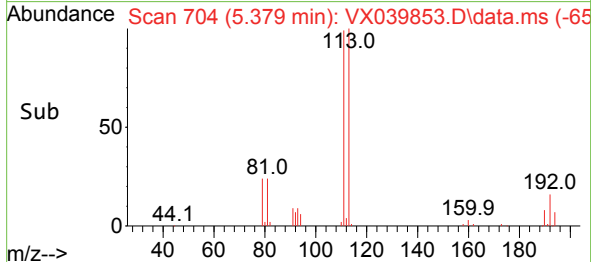
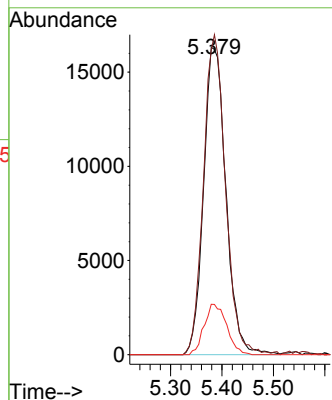
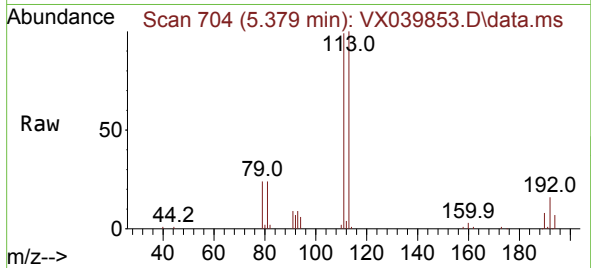




#35
Dibromofluoromethane
Concen: 49.364 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

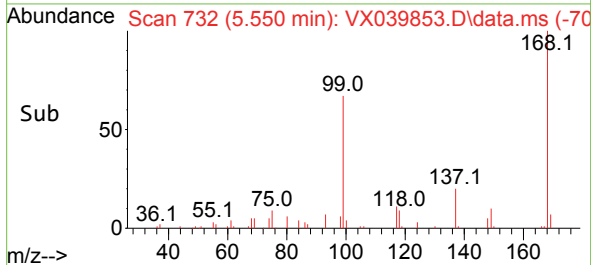
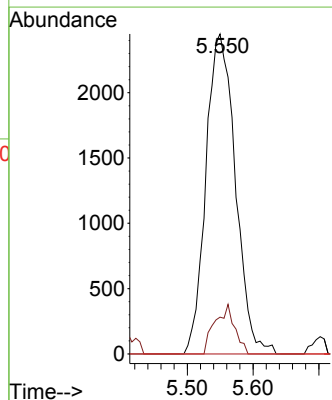
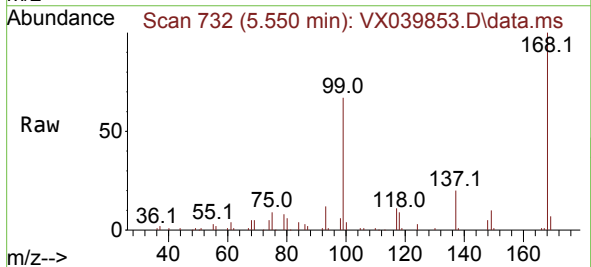
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL02

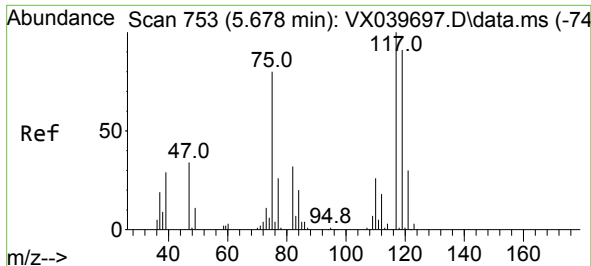
Tgt Ion:113 Resp: 49334
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 16.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.910 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

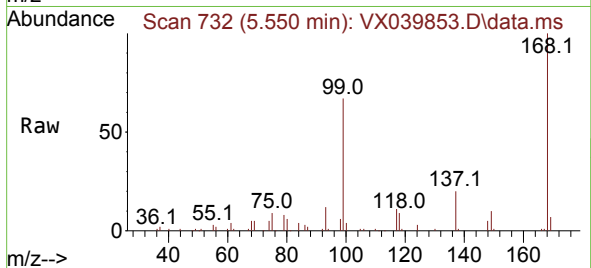
Tgt Ion: 75 Resp: 7638
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



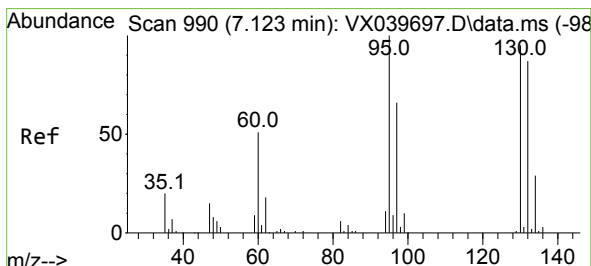
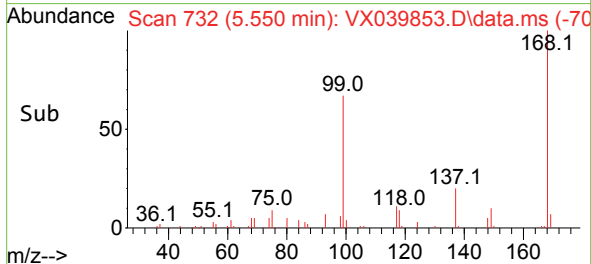
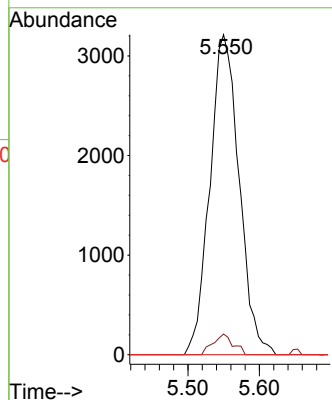


#38
Carbon Tetrachloride
Concen: 6.412 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL02

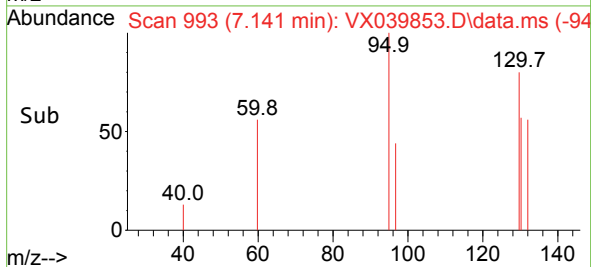
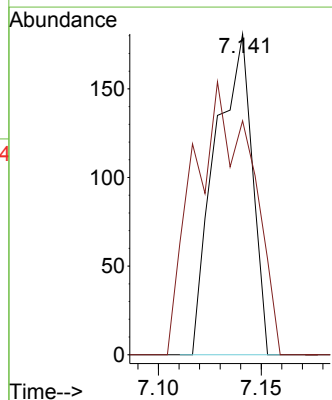
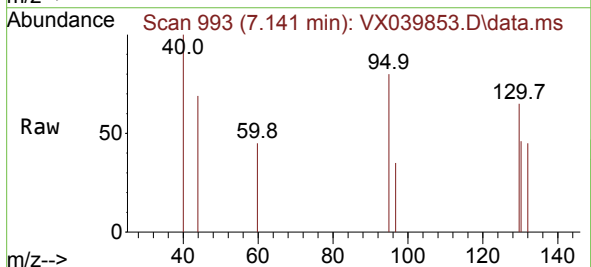


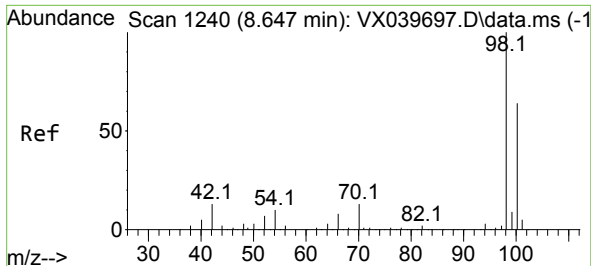
Tgt Ion:117 Resp: 9136
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.209 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

Tgt Ion:130 Resp: 226
Ion Ratio Lower Upper
130 100
95 72.9 0.0 204.4

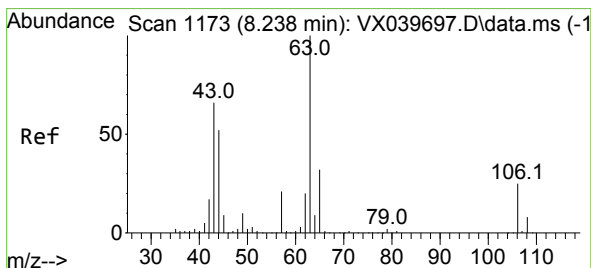
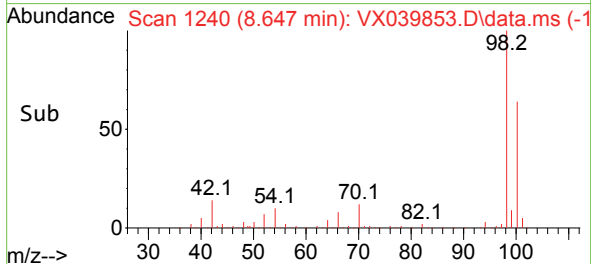
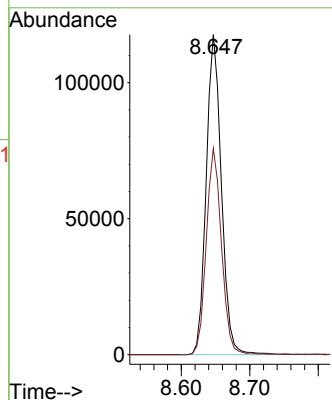
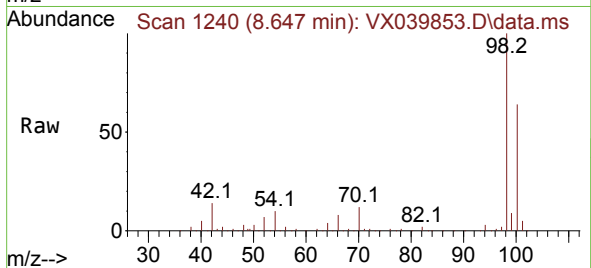




#50
Toluene-d8
Concen: 48.091 ug/l
RT: 8.647 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

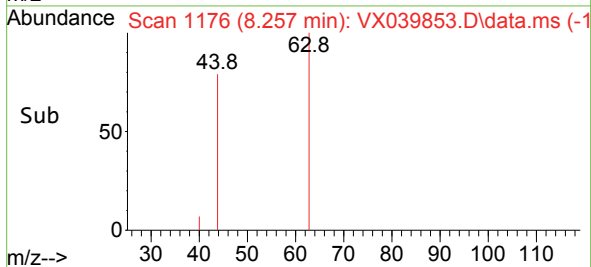
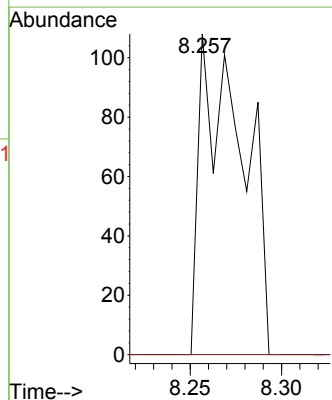
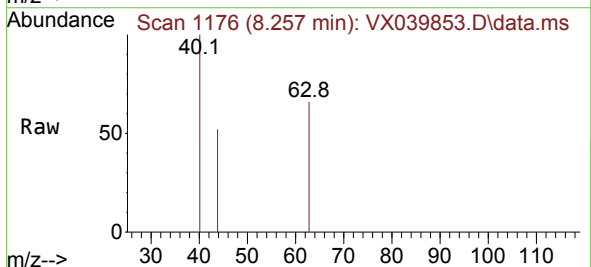
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL02

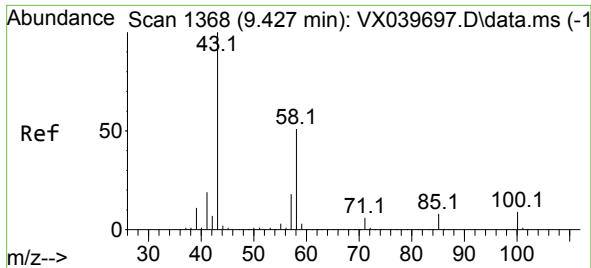
Tgt Ion: 98 Resp: 181268
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7



#58
2-Chloroethyl Vinyl ether
Concen: 0.208 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

Tgt Ion: 63 Resp: 178
Ion Ratio Lower Upper
63 100
106 0.0 22.5 33.7#

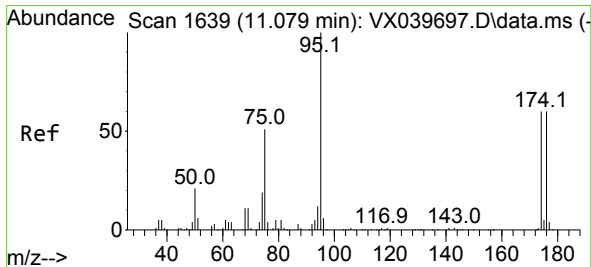
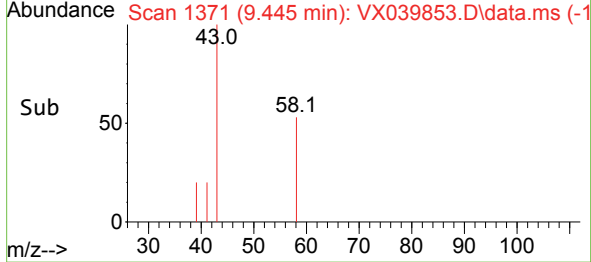
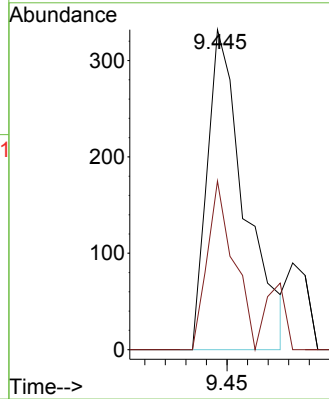
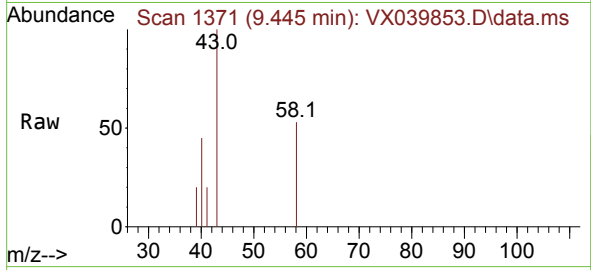




#59
2-Hexanone
Concen: 0.256 ug/l
RT: 9.445 min Scan# 1368
Delta R.T. 0.018 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

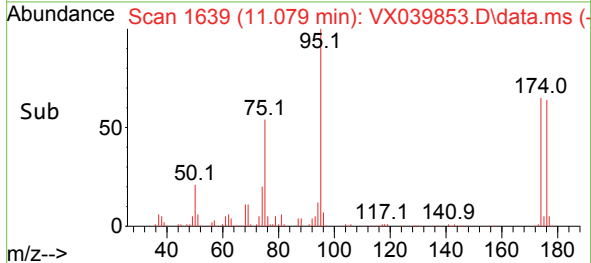
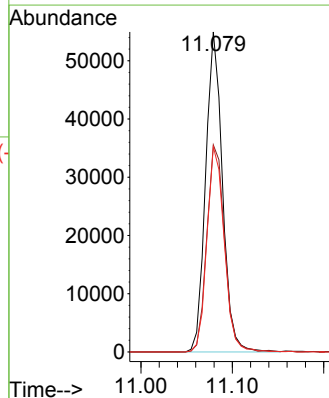
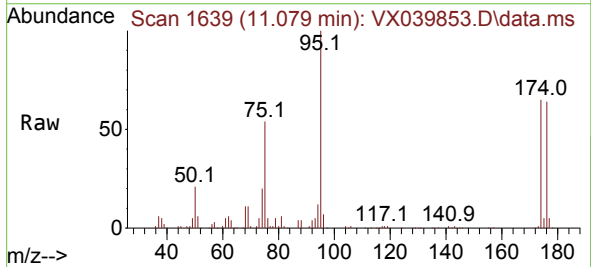
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL02

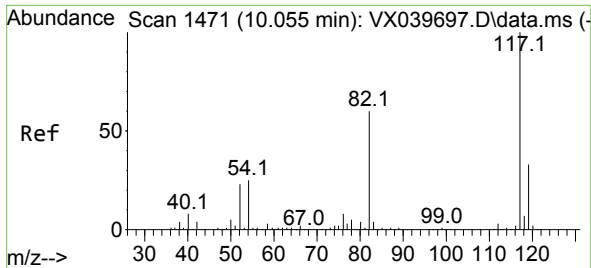
Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
58 37.0 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 47.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

Tgt Ion: 95 Resp: 70054
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.6
176 66.2 0.0 131.0

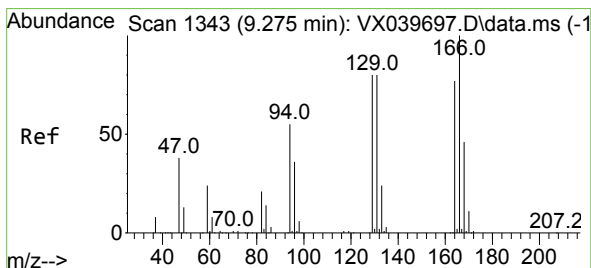
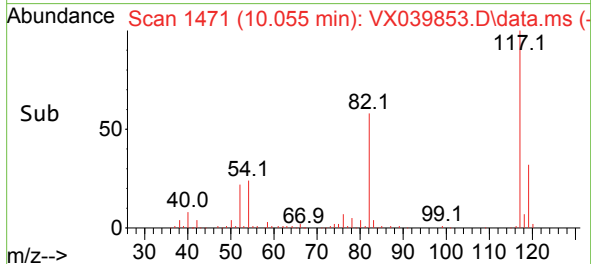
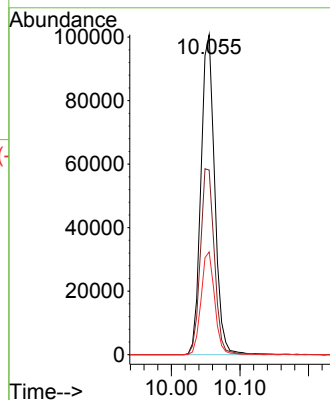
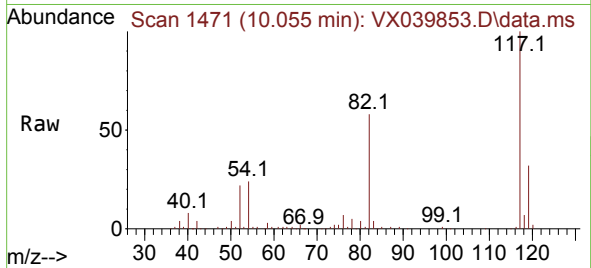




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

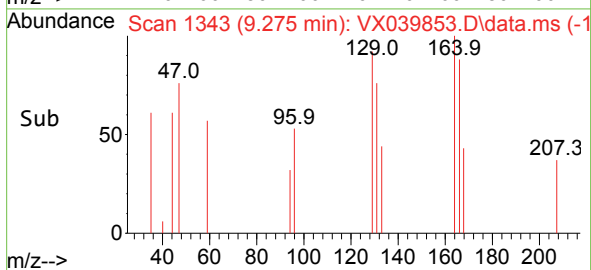
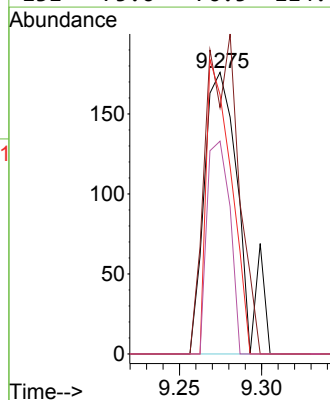
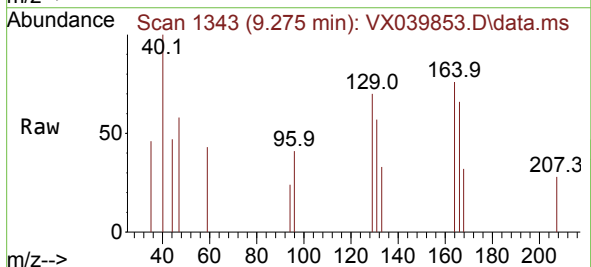
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL02

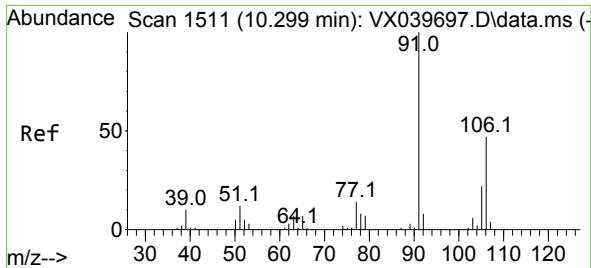
Tgt Ion:117 Resp: 141144
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 0.283 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

Tgt Ion:164 Resp: 260
Ion Ratio Lower Upper
164 100
166 87.5 102.7 154.1#
129 92.0 80.4 120.6
131 75.6 76.5 114.7#

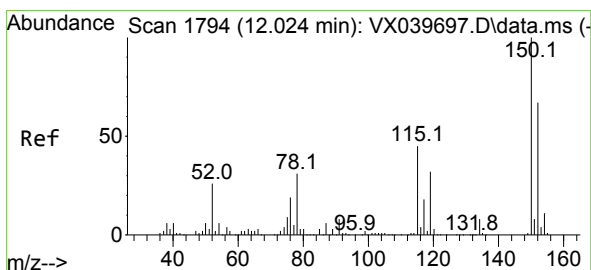
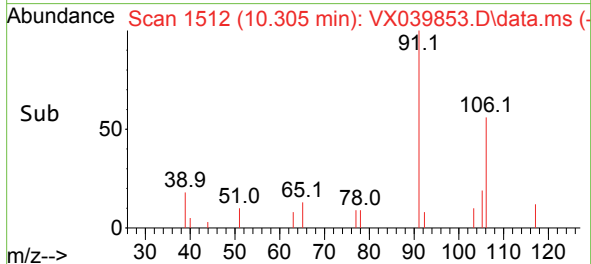
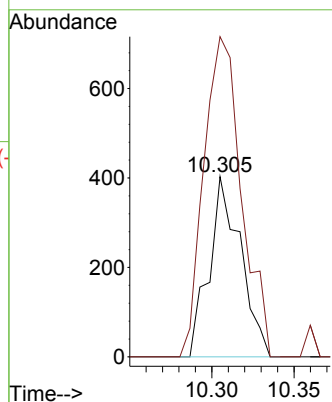
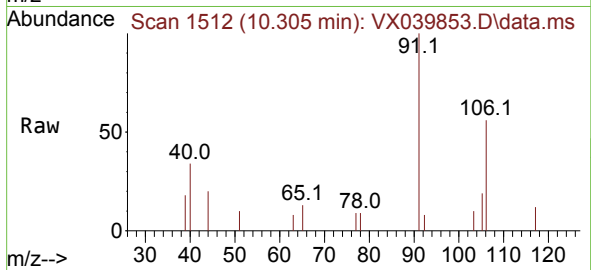




#68
m/p-Xylenes
Concen: 0.267 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

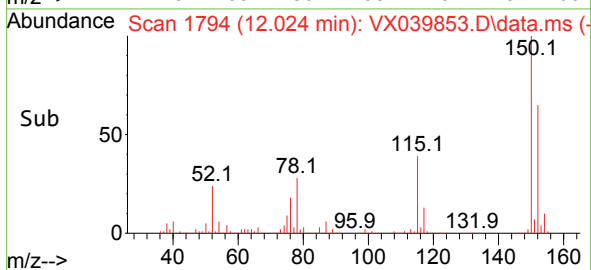
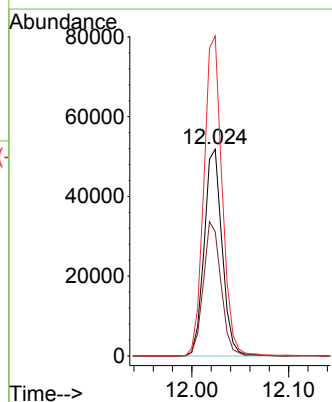
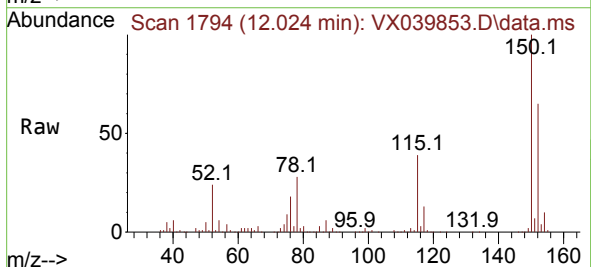
Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL02

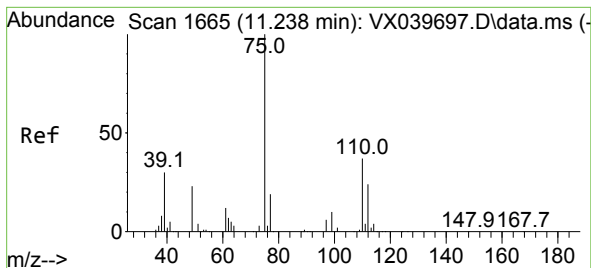
Tgt Ion:106 Resp: 536
Ion Ratio Lower Upper
106 100
91 212.9 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

Tgt Ion:152 Resp: 66890
Ion Ratio Lower Upper
152 100
115 64.2 43.3 129.9
150 157.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.528 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039853.D

Acq: 19 Jan 2024 21:16

Instrument :

MSVOA_X

ClientSampleId :

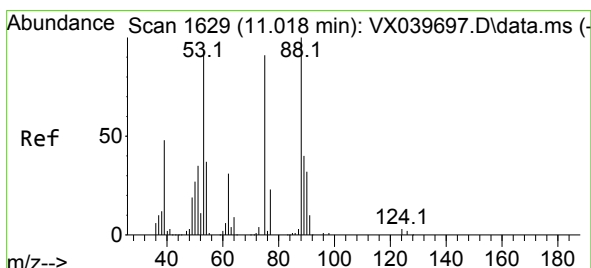
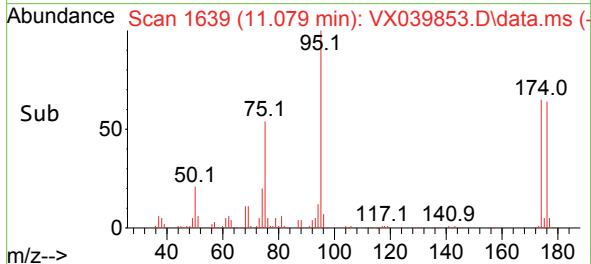
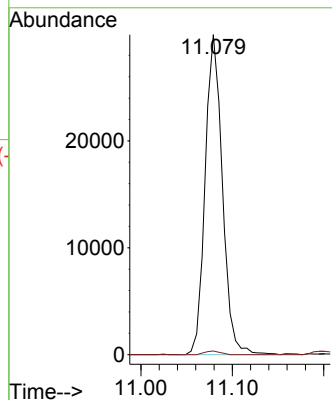
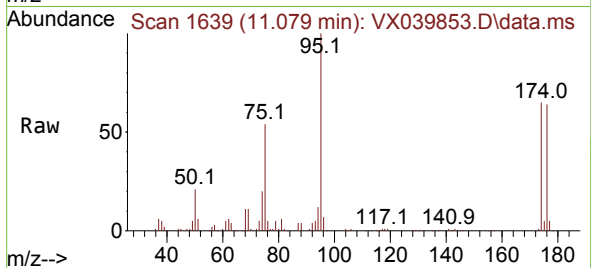
VX0119MBL02

Tgt Ion: 75 Resp: 39068

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.206 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039853.D

Acq: 19 Jan 2024 21:16

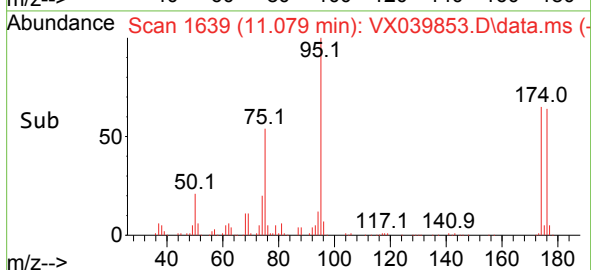
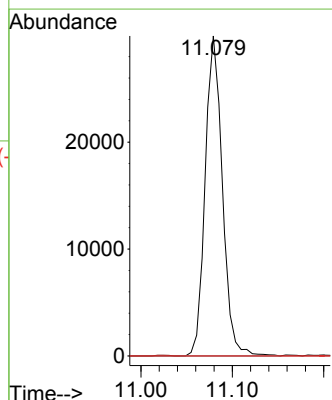
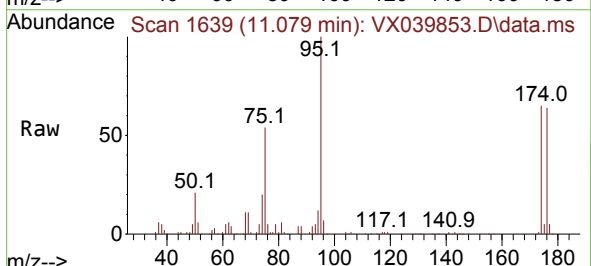
Tgt Ion: 75 Resp: 39068

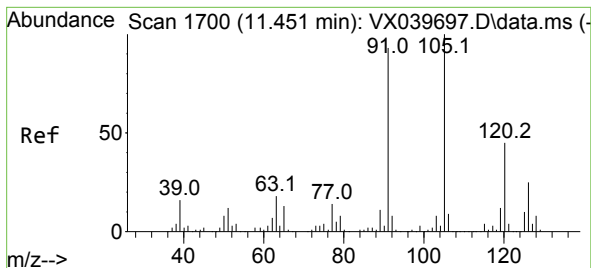
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

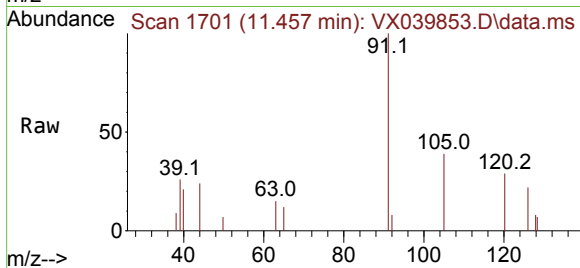
89 0.0 36.9 55.3#



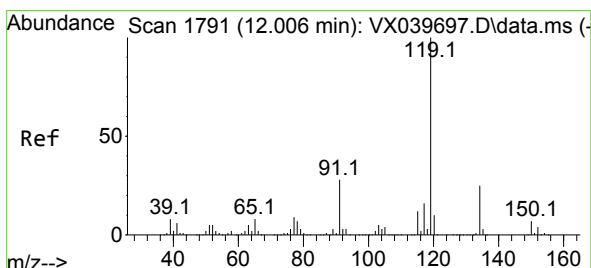
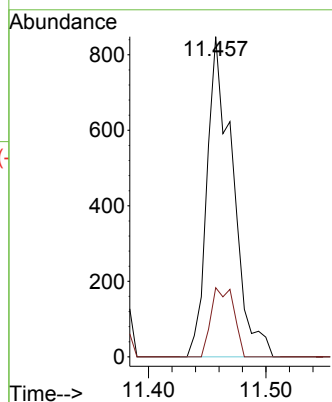
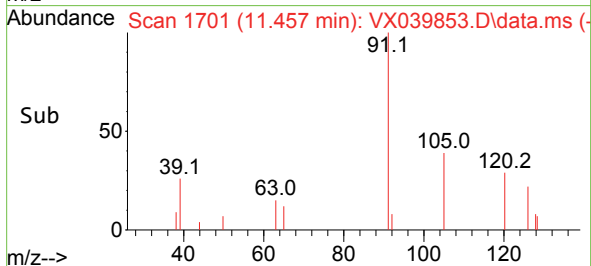


#82
4-Chlorotoluene
Concen: 0.284 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

Instrument :
MSVOA_X
ClientSampleId :
VX0119MBL02

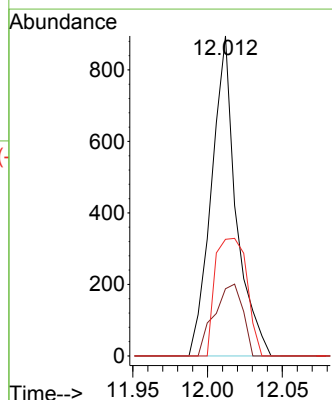
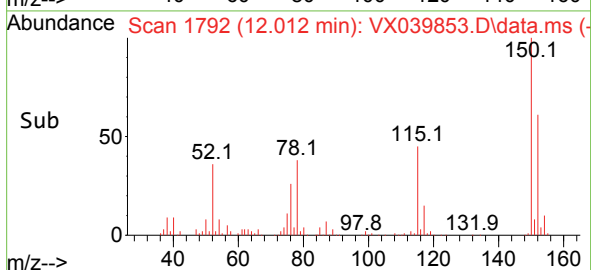
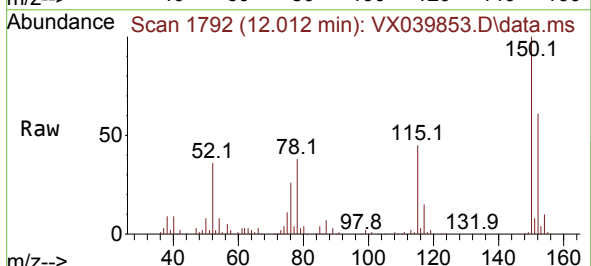


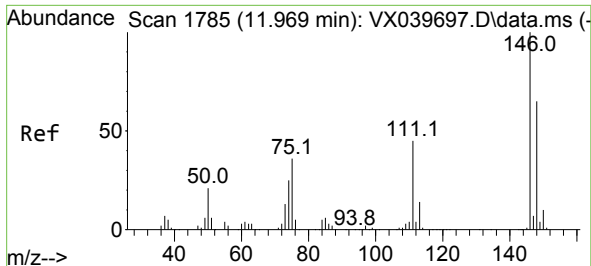
Tgt Ion: 91 Resp: 1283
Ion Ratio Lower Upper
91 100
126 19.3 14.2 42.6



#86
p-Isopropyltoluene
Concen: 0.229 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX039853.D
Acq: 19 Jan 2024 21:16

Tgt Ion: 119 Resp: 1028
Ion Ratio Lower Upper
119 100
134 25.8 12.8 38.3
91 47.1 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.347 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039853.D

Acq: 19 Jan 2024 21:16

Instrument :

MSVOA_X

ClientSampleId :

VX0119MBL02

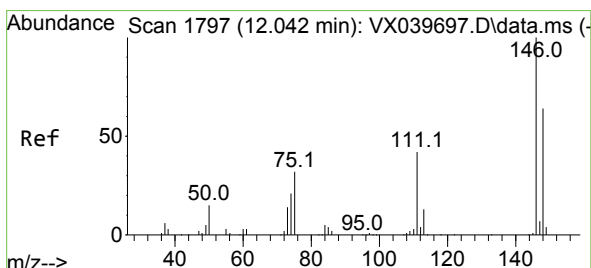
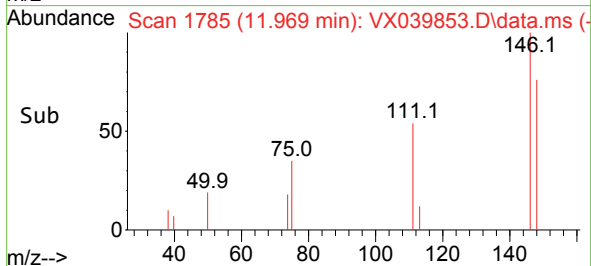
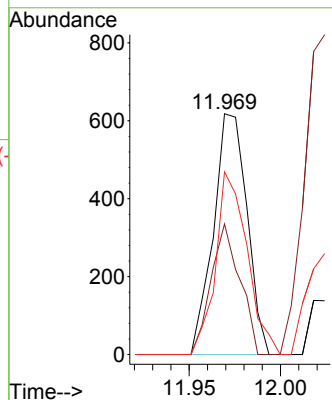
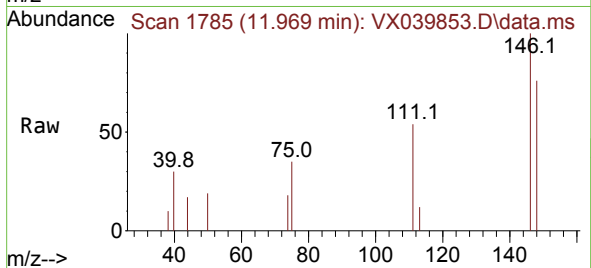
Tgt Ion:146 Resp: 789

Ion Ratio Lower Upper

146 100

111 46.5 22.1 66.1

148 71.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.336 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX039853.D

Acq: 19 Jan 2024 21:16

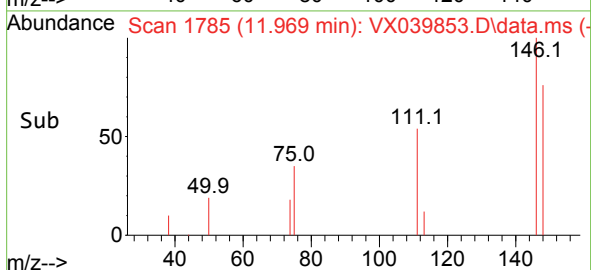
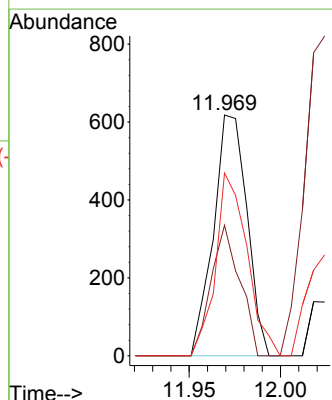
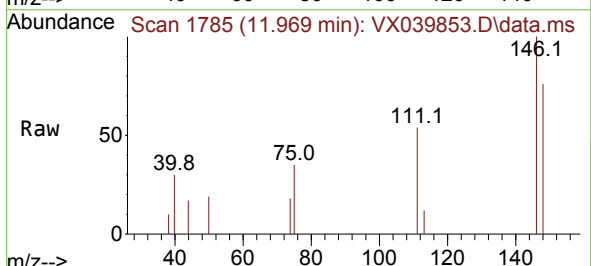
Tgt Ion:146 Resp: 789

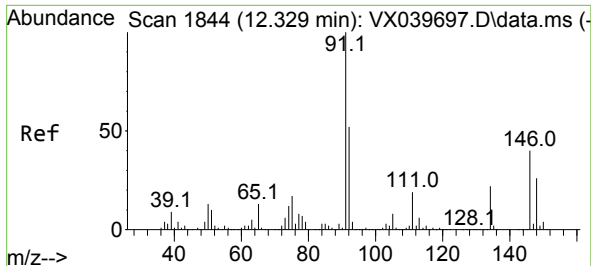
Ion Ratio Lower Upper

146 100

111 46.5 21.3 63.7

148 71.4 31.8 95.4





#89

n-Butylbenzene

Concen: 0.397 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039853.D

Acq: 19 Jan 2024 21:16

Instrument :

MSVOA_X

ClientSampleId :

VX0119MBL02

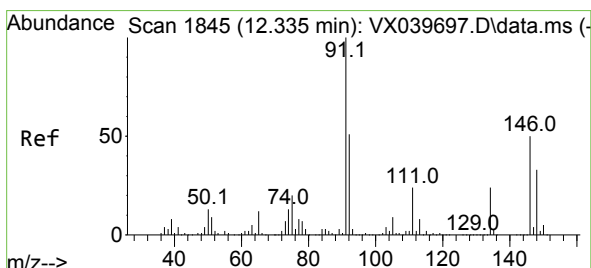
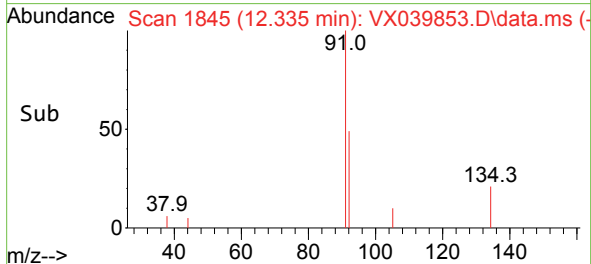
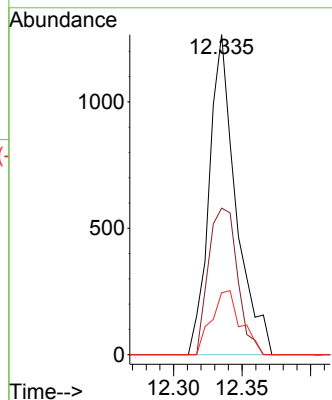
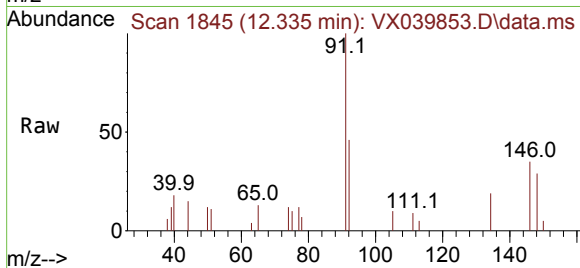
Tgt Ion: 91 Resp: 1716

Ion Ratio Lower Upper

91 100

92 49.8 27.4 82.0

134 21.9 12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.296 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX039853.D

Acq: 19 Jan 2024 21:16

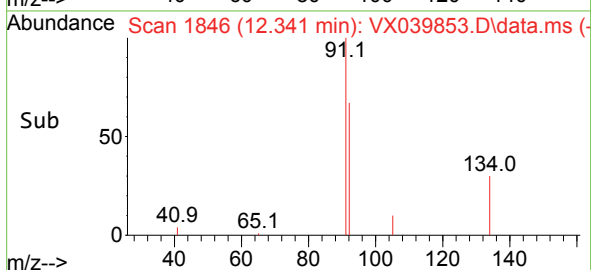
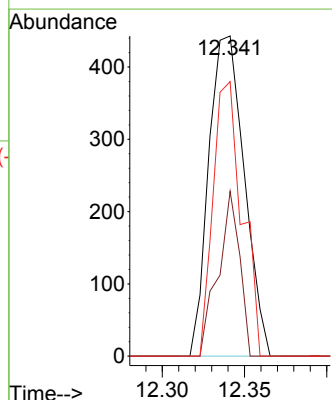
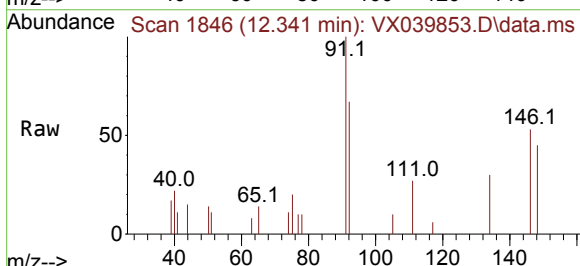
Tgt Ion: 146 Resp: 666

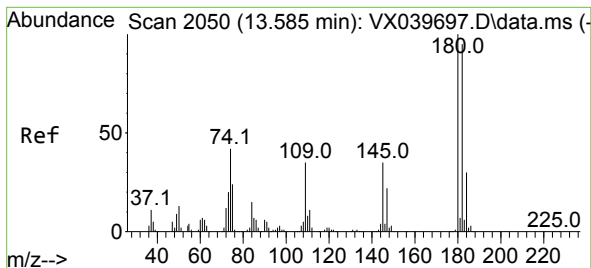
Ion Ratio Lower Upper

146 100

111 31.2 22.4 67.0

148 69.8 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 1.103 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039853.D

Acq: 19 Jan 2024 21:16

Instrument :

MSVOA_X

ClientSampleId :

VX0119MBL02

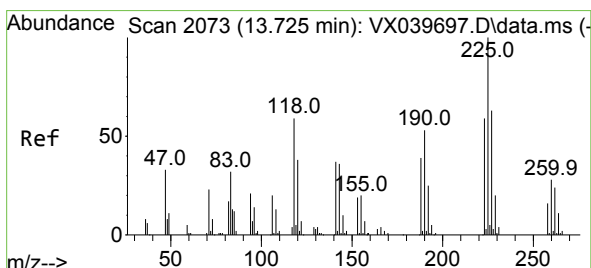
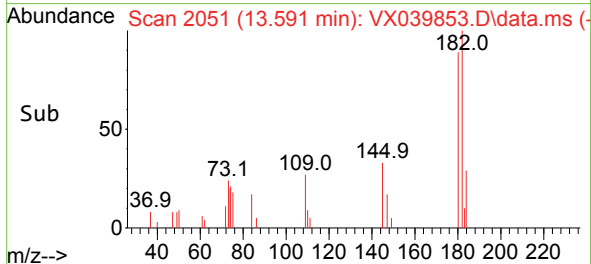
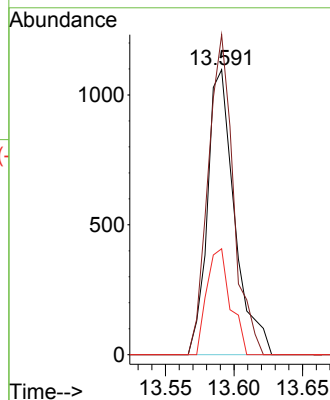
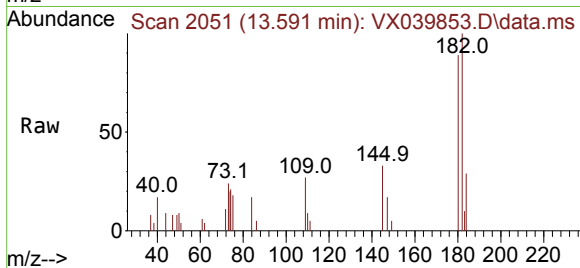
Tgt Ion:180 Resp: 1515

Ion Ratio Lower Upper

180 100

182 104.4 48.3 144.8

145 32.3 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.823 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX039853.D

Acq: 19 Jan 2024 21:16

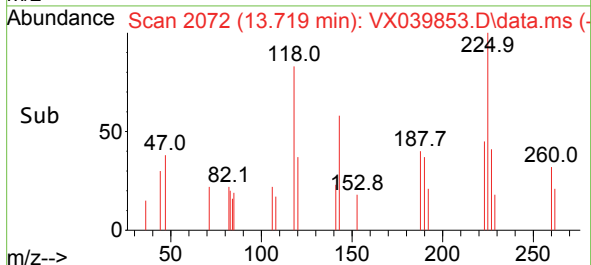
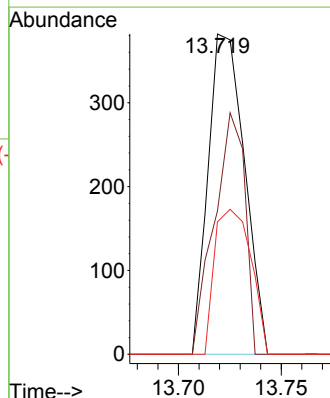
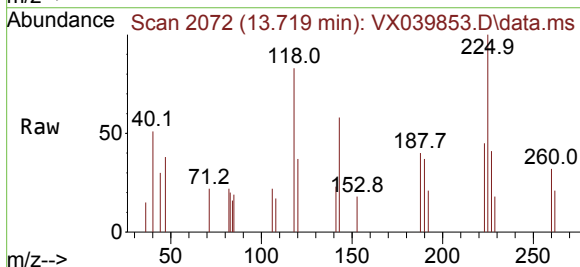
Tgt Ion:225 Resp: 470

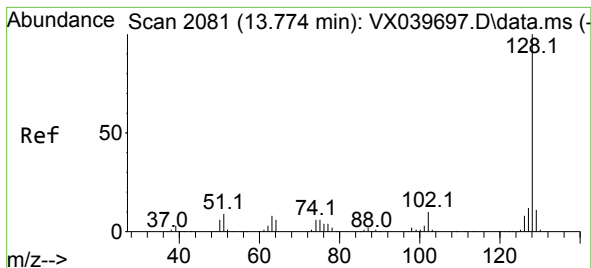
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.2

227 45.3 32.5 97.5





#95

Naphthalene

Concen: 0.849 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039853.D

Acq: 19 Jan 2024 21:16

Instrument :

MSVOA_X

ClientSampleId :

VX0119MBL02

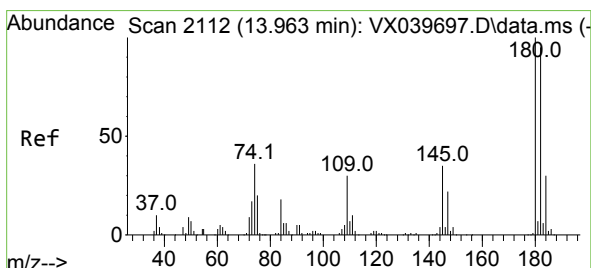
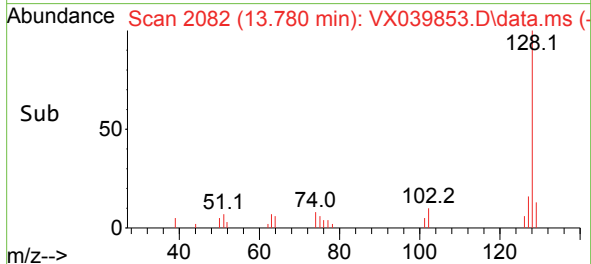
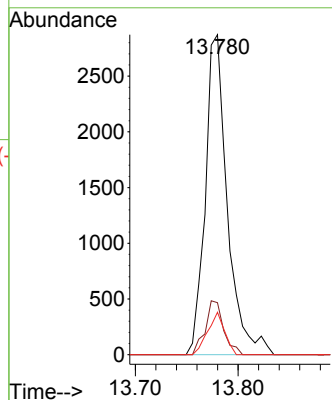
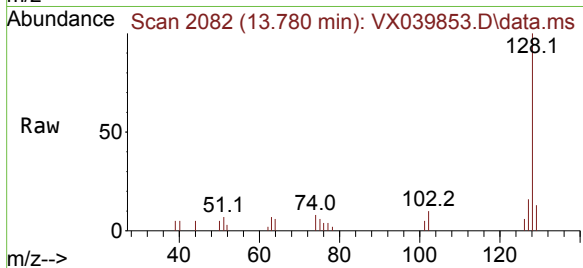
Tgt Ion:128 Resp: 4293

Ion Ratio Lower Upper

128 100

127 14.0 10.3 15.5

129 10.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.731 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039853.D

Acq: 19 Jan 2024 21:16

Tgt Ion:180 Resp: 1013

Ion Ratio Lower Upper

180 100

182 101.5 46.9 140.6

145 31.7 17.8 53.5

