

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040511.D
 Acq On : 28 Feb 2024 15:17
 Operator : JC/MD
 Sample : P1578-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221

Quant Time: Feb 29 03:50:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	72876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58961	48.372	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.740%
35) Dibromofluoromethane	5.385	113	43705	50.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.120%
50) Toluene-d8	8.647	98	153629	48.482	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.079	95	60365	49.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.940%

Target Compounds					Qvalue	
3) Chloromethane	1.300	50	204	0.227	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.325	101	193	0.233	ug/l #	76
10) Methyl Iodide	2.465	142	39	3.049	ug/l #	34
11) Tert butyl alcohol	2.959	59	125	0.610	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	656	0.790	ug/l	96
13) Acrolein	2.233	56	114	0.868	ug/l #	78
15) Acrylonitrile	3.074	53	312	0.607	ug/l #	54
16) Acetone	2.379	43	2008	5.052	ug/l #	86
17) Carbon Disulfide	2.514	76	1306	0.568	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	1310	0.463	ug/l	94
20) Methylene Chloride	2.782	84	403	0.424	ug/l #	48
21) trans-1,2-Dichloroethene	3.099	96	249	0.281	ug/l #	42
24) 1,1-Dichloroethane	3.605	63	4878	2.866	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	333	0.321	ug/l	72
29) Tetrahydrofuran	5.038	42	120	0.248	ug/l #	34
30) Chloroform	5.086	83	494	0.273	ug/l #	60
32) 1,1,1-Trichloroethane	5.385	97	455	0.295	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	6847	5.091	ug/l #	46
38) Carbon Tetrachloride	5.550	117	7937	6.109	ug/l #	16
44) Trichloroethene	7.129	130	1233	1.259	ug/l	57
49) 1,4-Dioxane	7.671	88	59	2.702	ug/l #	12
51) 4-Methyl-2-Pentanone	8.586	43	365	0.239	ug/l #	37
59) 2-Hexanone	9.457	43	330	0.281	ug/l #	52
60) Dibromochloromethane	9.275	129	612	0.608	ug/l #	11
64) Tetrachloroethene	9.275	164	509	0.596	ug/l #	84
68) m/p-Xylenes	10.305	106	510	0.289	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	35621	26.800	ug/l #	38
78) n-propylbenzene	11.311	91	1135	0.206	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	35621	77.817	ug/l #	5
82) 4-Chlorotoluene	11.463	91	928	0.242	ug/l	96
85) sec-Butylbenzene	11.890	105	1052	0.225	ug/l	79
86) p-Isopropyltoluene	12.012	119	1081	0.280	ug/l #	80
87) 1,3-Dichlorobenzene	11.975	146	586	0.280	ug/l	93
88) 1,4-Dichlorobenzene	11.975	146	586	0.275	ug/l	92
89) n-Butylbenzene	12.341	91	1489	0.392	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	484	0.242	ug/l	90

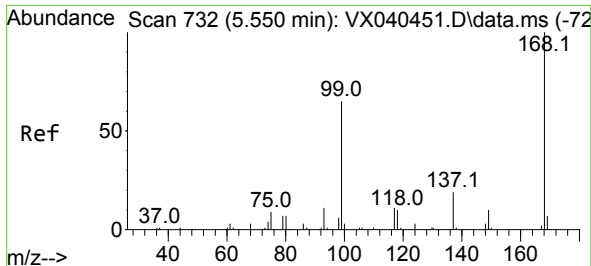
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
Data File : VX040511.D
Acq On : 28 Feb 2024 15:17
Operator : JC/MD
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Instrument :
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ClientSampleId :
TT161S1-20240221

Quant Time: Feb 29 03:50:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

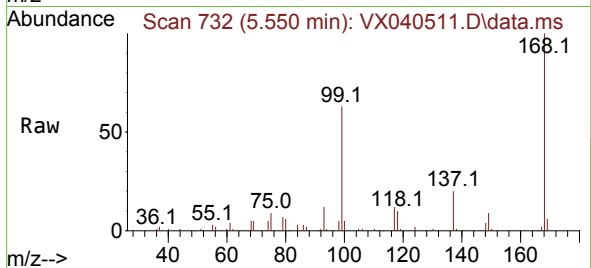
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.591	180	1013	0.777	ug/l	71
94) Hexachlorobutadiene	13.725	225	606	1.137	ug/l	86
95) Naphthalene	13.780	128	3198	0.768	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.969	180	842	0.679	ug/l	98

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

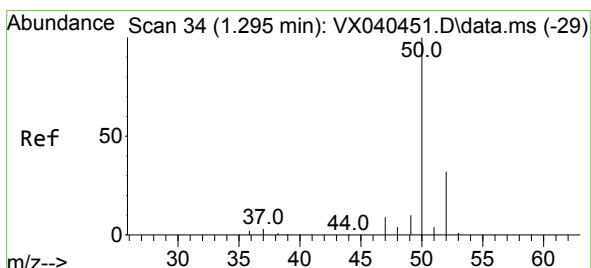
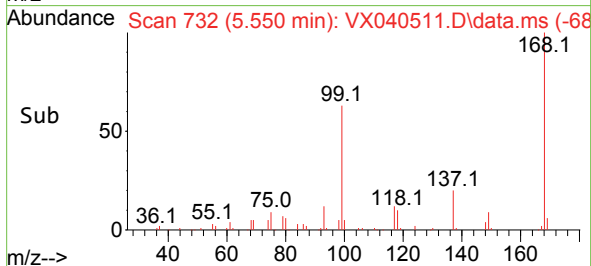
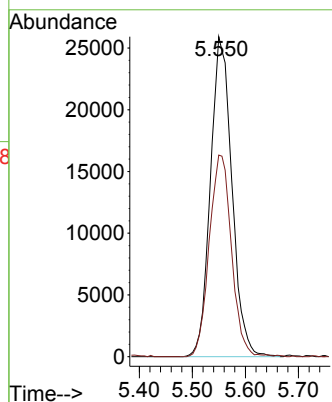


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

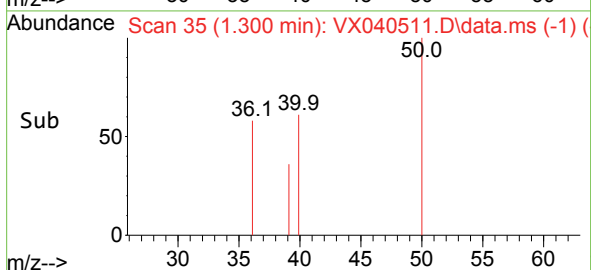
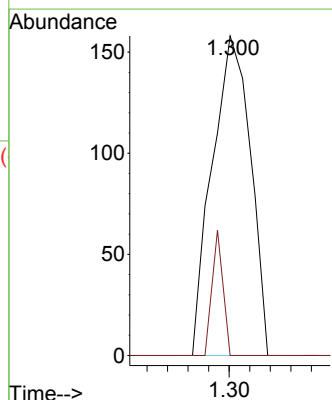
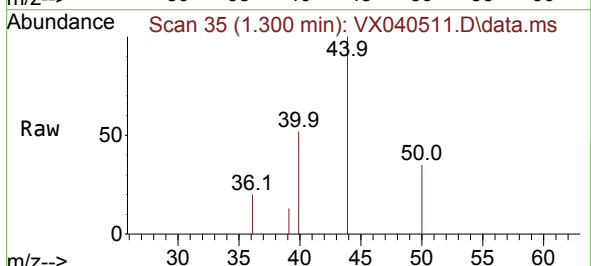


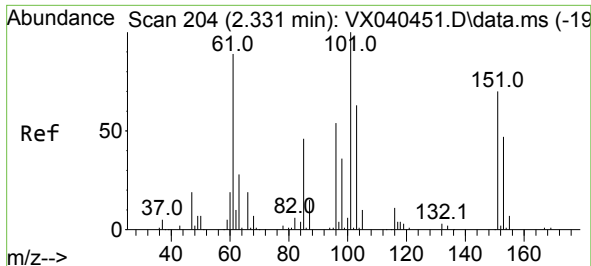
Tgt Ion:168 Resp: 72876
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion: 50 Resp: 204
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

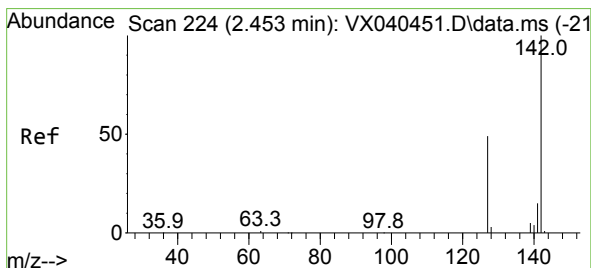
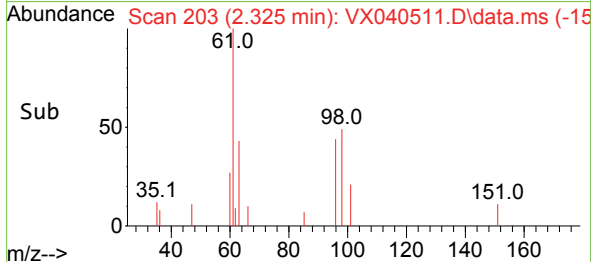
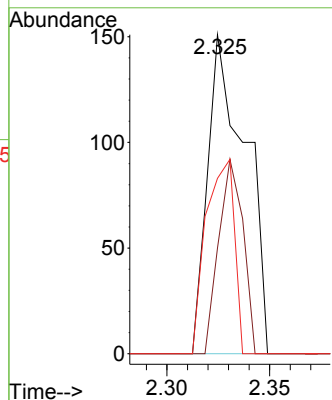
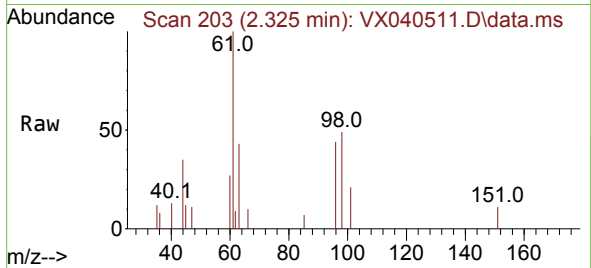




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.233 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

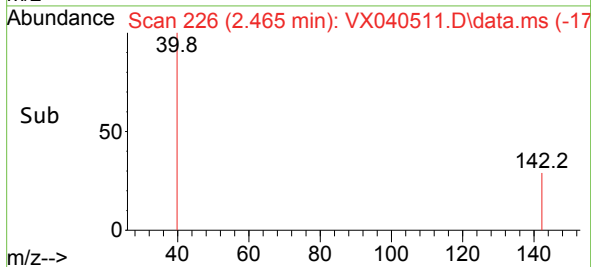
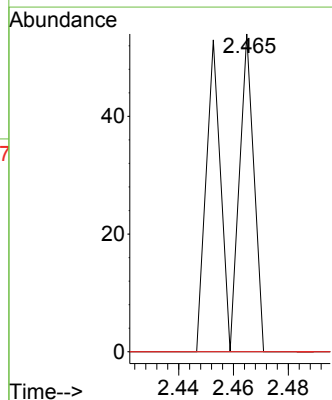
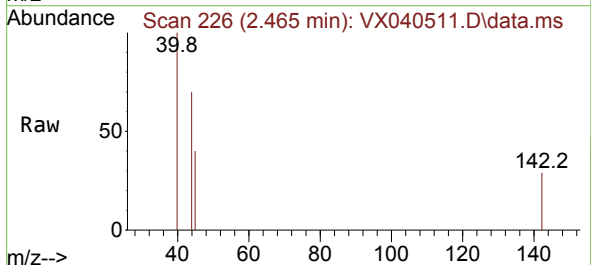
Instrument :
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ClientSampleId :
TT161S1-20240221

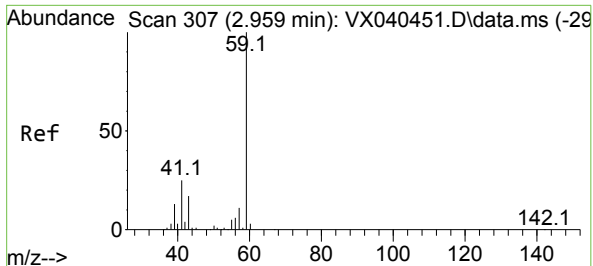
Tgt Ion:101 Resp: 193
Ion Ratio Lower Upper
101 100
85 38.9 37.0 55.6
151 45.6 58.6 87.8#



#10
Methyl Iodide
Concen: 3.049 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

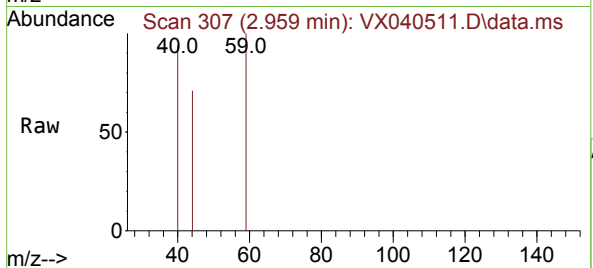
Tgt Ion:142 Resp: 39
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#



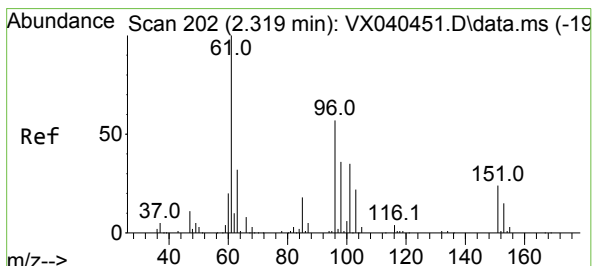
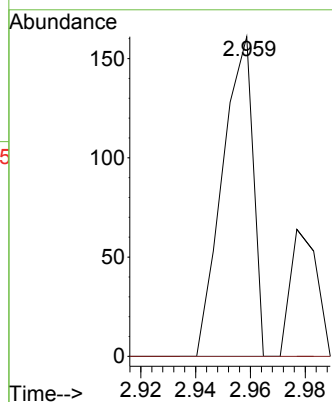
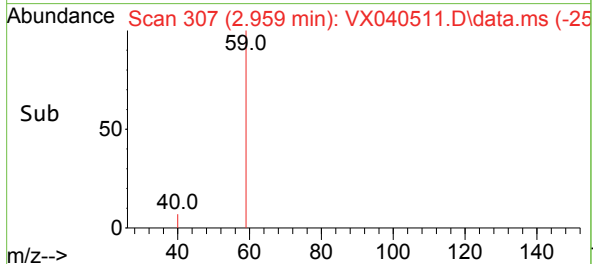


#11
Tert butyl alcohol
Concen: 0.610 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

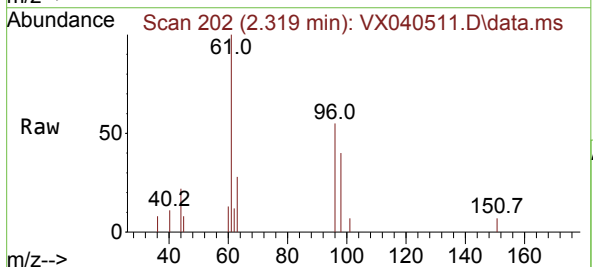
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221



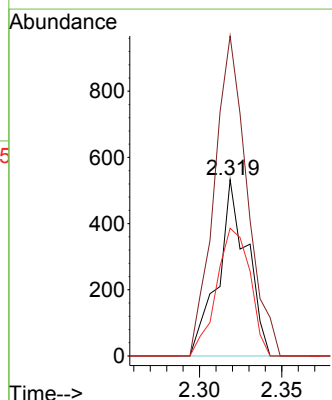
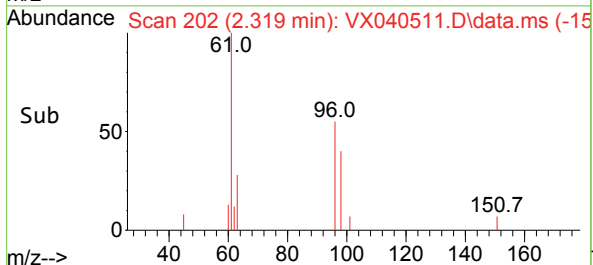
Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

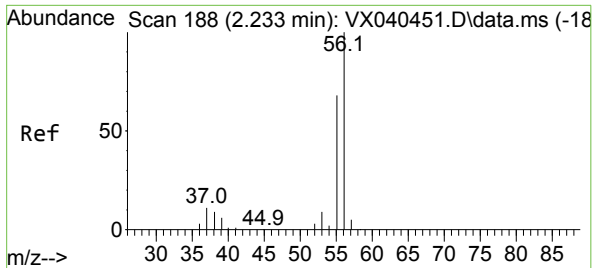


#12
1,1-Dichloroethene
Concen: 0.790 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17



Tgt Ion: 96 Resp: 656
Ion Ratio Lower Upper
96 100
61 181.4 144.6 216.8
98 72.4 50.4 75.6





#13

Acrolein

Concen: 0.868 ug/l

RT: 2.233 min Scan# 114

Delta R.T. -0.000 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

Instrument :

MSVOA_X

ClientSampleId :

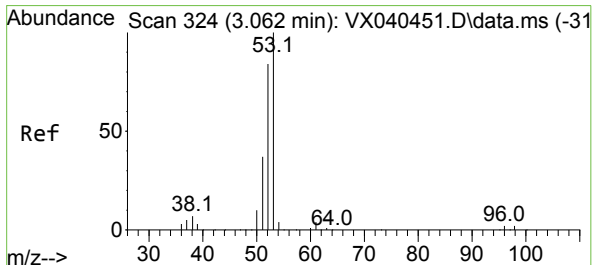
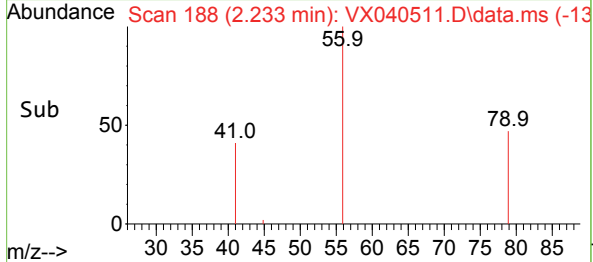
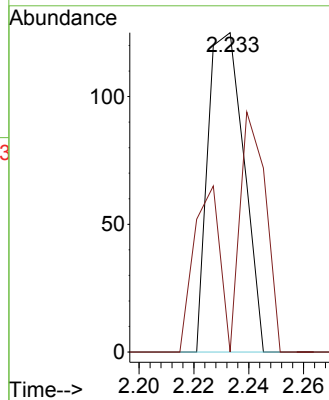
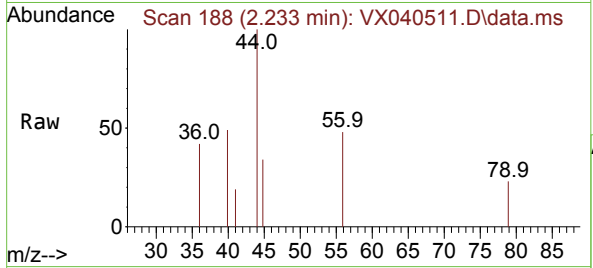
TT161S1-20240221

Tgt Ion: 56 Resp: 114

Ion Ratio Lower Upper

56 100

55 53.5 57.1 85.7#



#15

Acrylonitrile

Concen: 0.607 ug/l

RT: 3.074 min Scan# 326

Delta R.T. 0.012 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

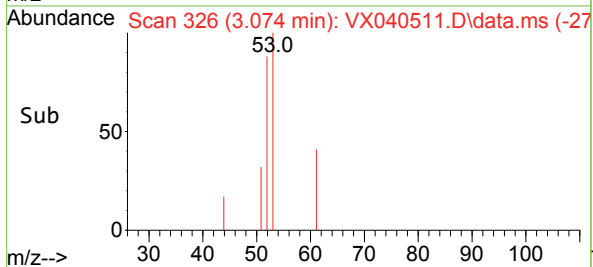
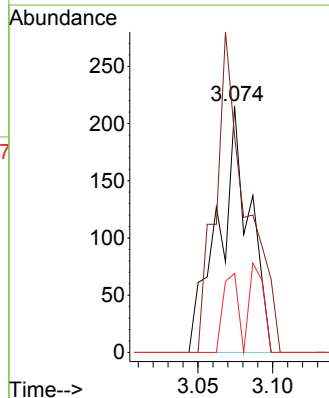
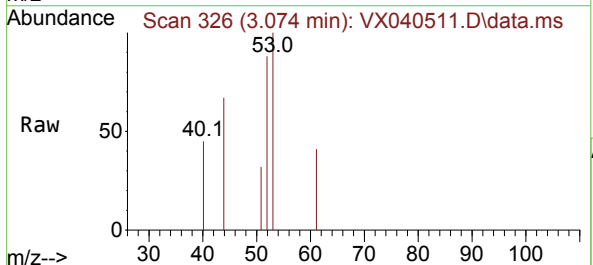
Tgt Ion: 53 Resp: 312

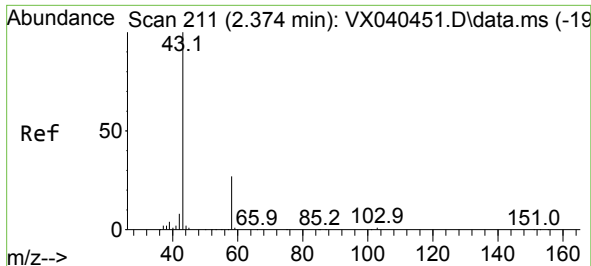
Ion Ratio Lower Upper

53 100

52 127.6 66.0 99.0#

51 15.4 29.8 44.6#

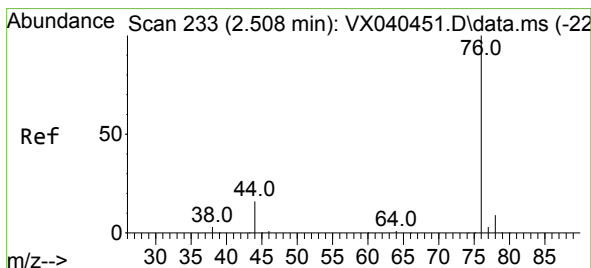
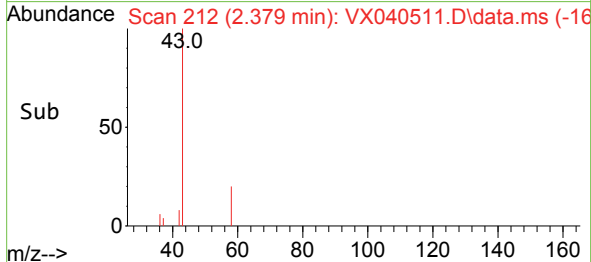
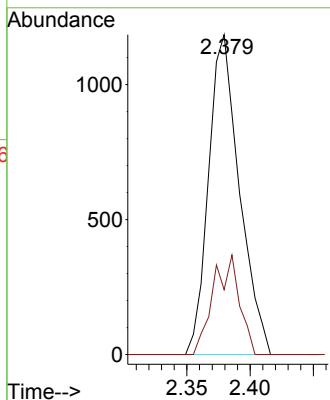
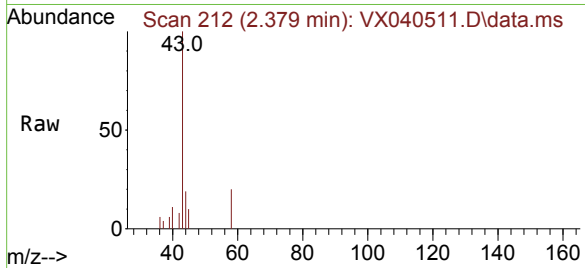




#16
Acetone
Concen: 5.052 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

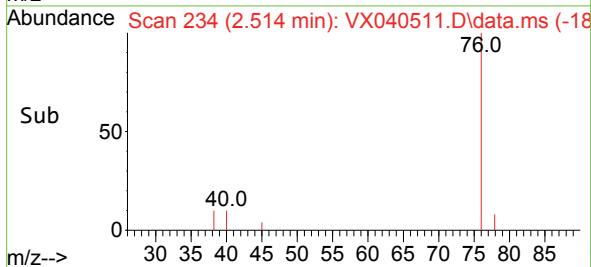
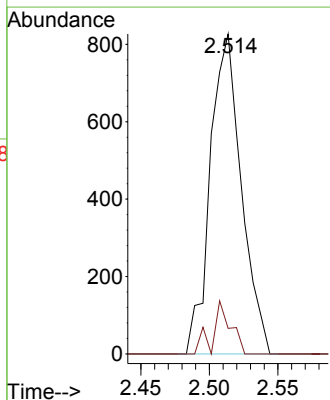
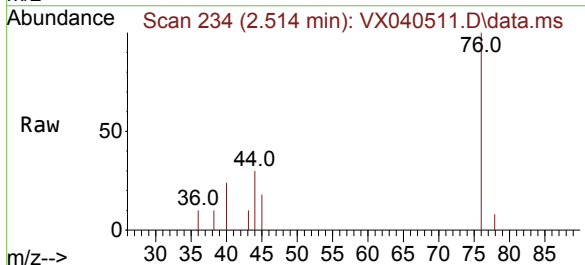
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

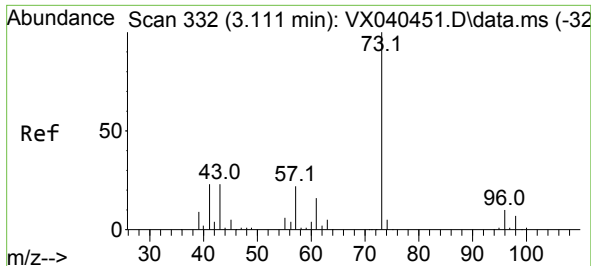
Tgt Ion: 43 Resp: 2008
Ion Ratio Lower Upper
43 100
58 20.3 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.568 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion: 76 Resp: 1306
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.6





#19

Methyl tert-butyl Ether

Concen: 0.463 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

Instrument :

MSVOA_X

ClientSampleId :

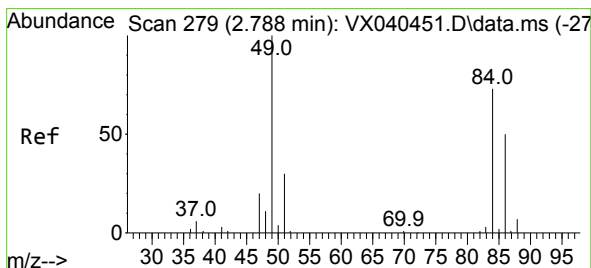
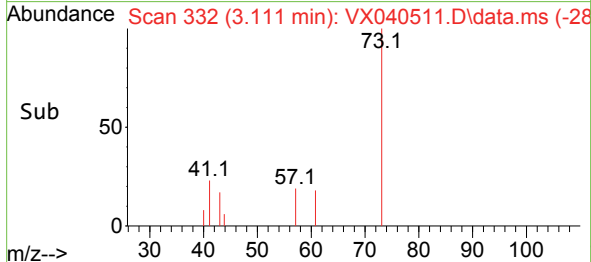
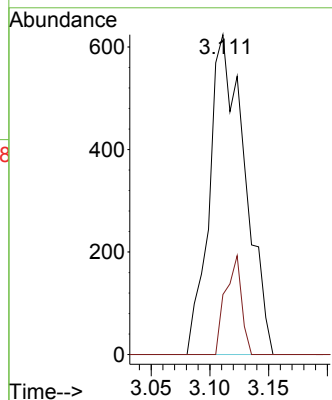
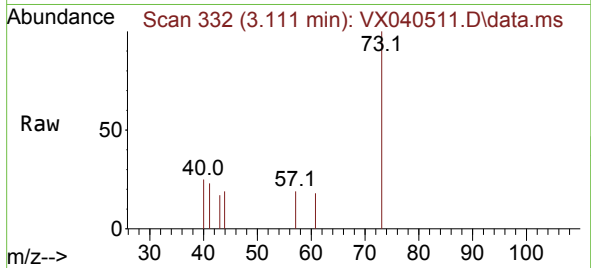
TT161S1-20240221

Tgt Ion: 73 Resp: 1310

Ion Ratio Lower Upper

73 100

57 18.8 17.3 25.9



#20

Methylene Chloride

Concen: 0.424 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

Tgt Ion: 84 Resp: 403

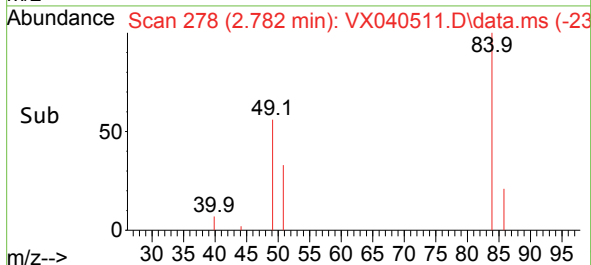
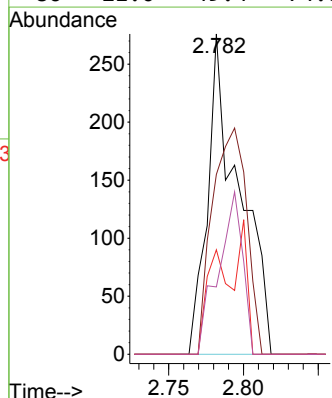
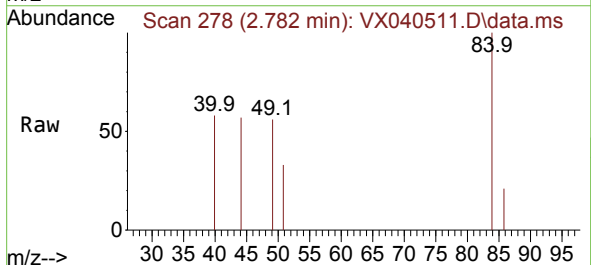
Ion Ratio Lower Upper

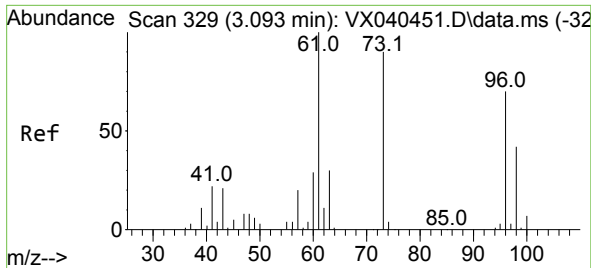
84 100

49 56.2 103.6 155.4#

51 32.6 33.8 50.6#

86 21.0 49.4 74.0#

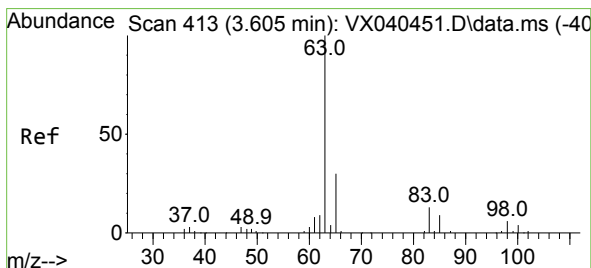
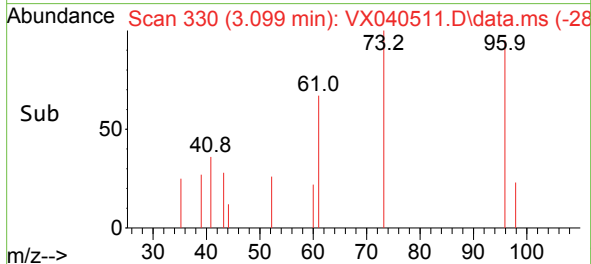
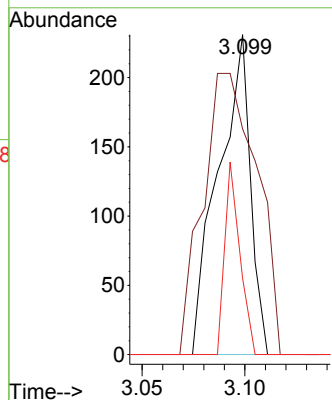
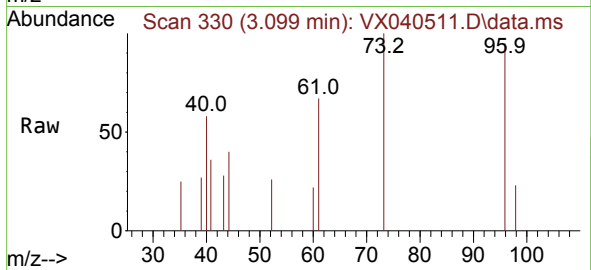




#21
trans-1,2-Dichloroethene
Concen: 0.281 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

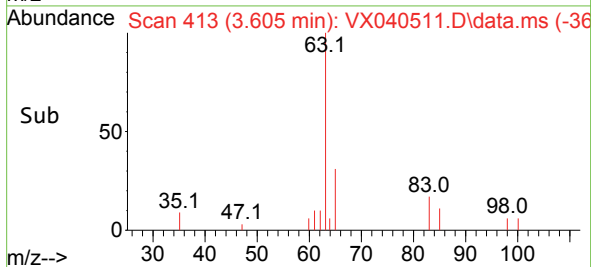
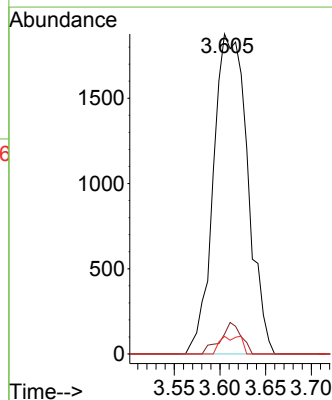
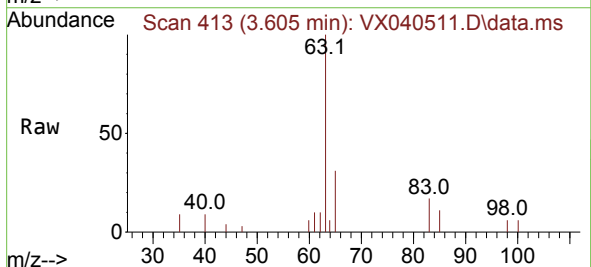
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

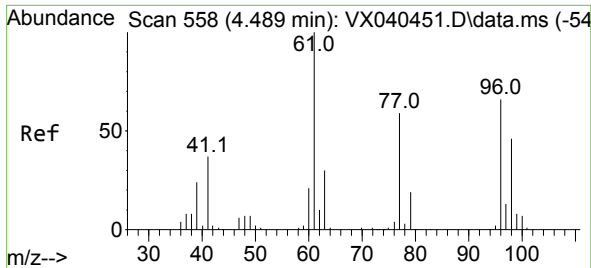
Tgt Ion: 96 Resp: 249
Ion Ratio Lower Upper
96 100
61 70.6 119.2 178.8#
98 23.8 48.7 73.1#



#24
1,1-Dichloroethane
Concen: 2.866 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion: 63 Resp: 4878
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.8
100 5.5 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 0.321 ug/l

RT: 4.495 min Scan# 511

Delta R.T. 0.006 min

Lab File: VX040511.D

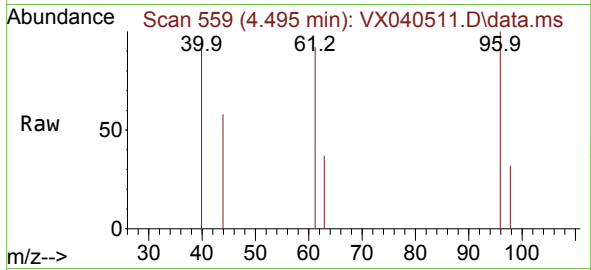
Acq: 28 Feb 2024 15:17

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221



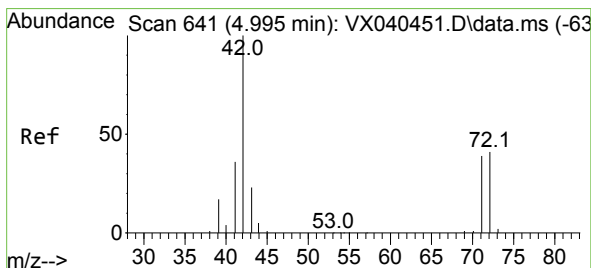
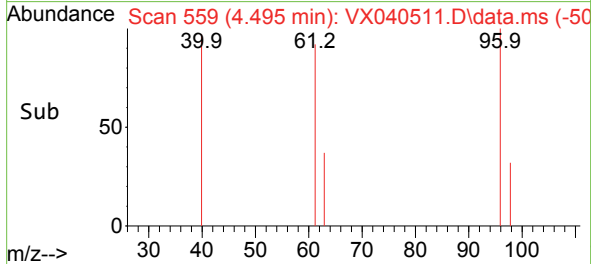
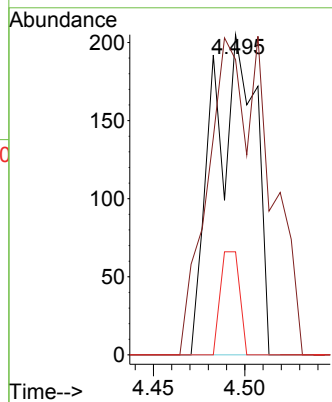
Tgt Ion: 96 Resp: 333

Ion Ratio Lower Upper

96 100

61 139.6 0.0 312.2

98 14.4 0.0 129.0



#29

Tetrahydrofuran

Concen: 0.248 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.042 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

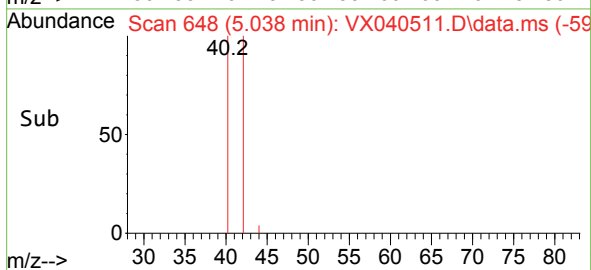
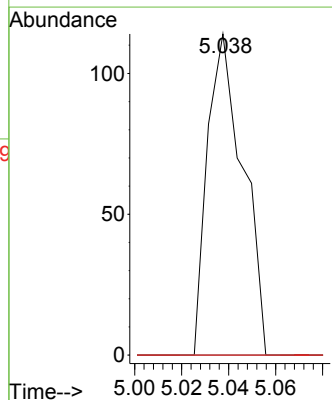
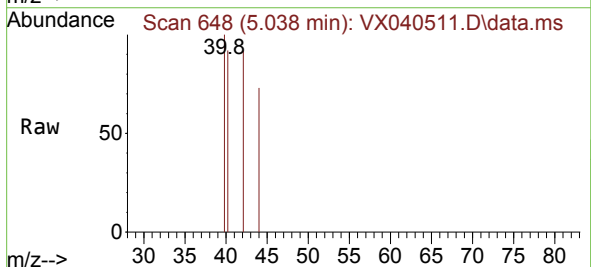
Tgt Ion: 42 Resp: 120

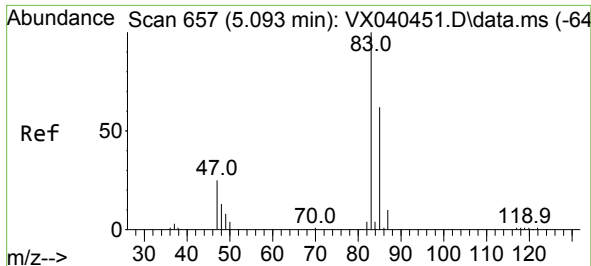
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#

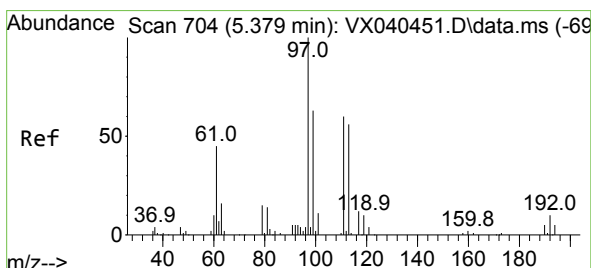
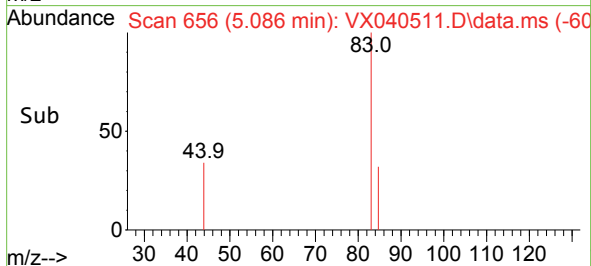
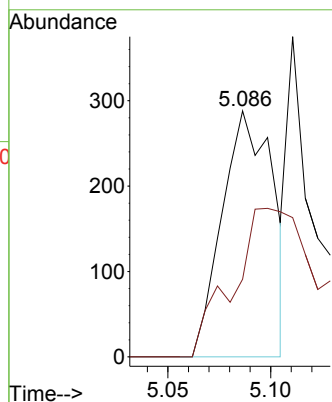
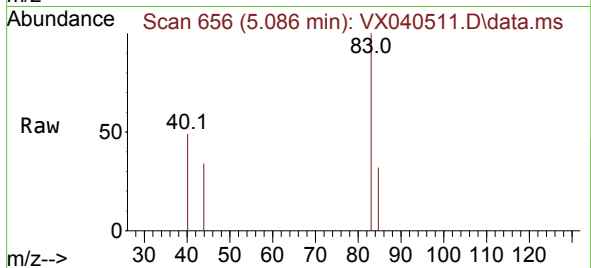




#30
Chloroform
Concen: 0.273 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

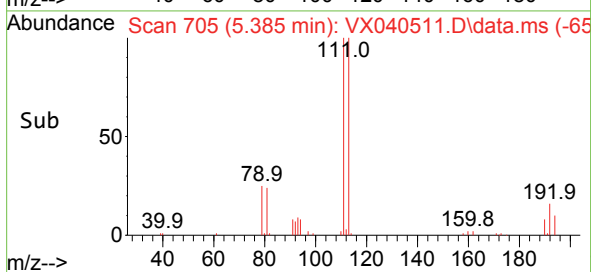
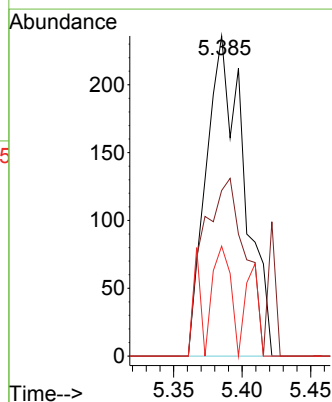
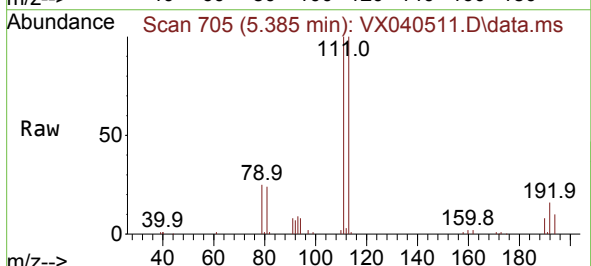
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

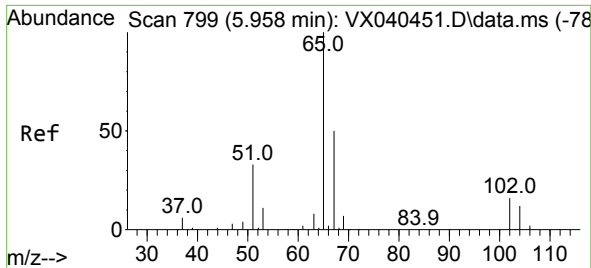
Tgt Ion: 83 Resp: 494
Ion Ratio Lower Upper
83 100
85 31.6 50.3 75.5#



#32
1,1,1-Trichloroethane
Concen: 0.295 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion: 97 Resp: 455
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 16.5 36.4 54.6#

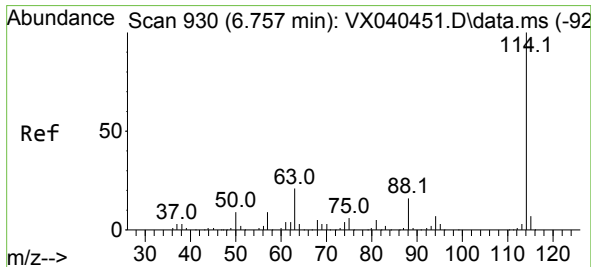
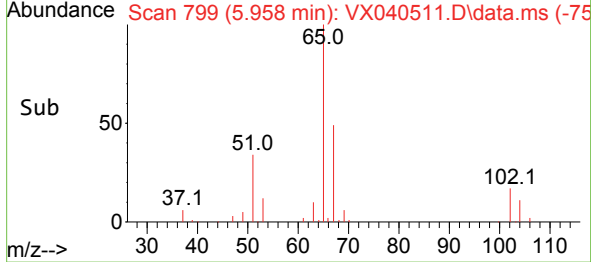
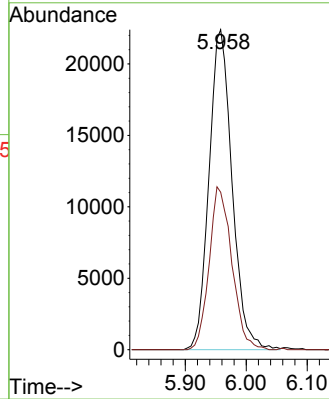
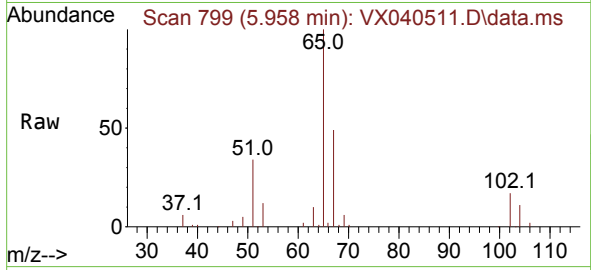




#33
 1,2-Dichloroethane-d4
 Concen: 48.372 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX040511.D
 Acq: 28 Feb 2024 15:17

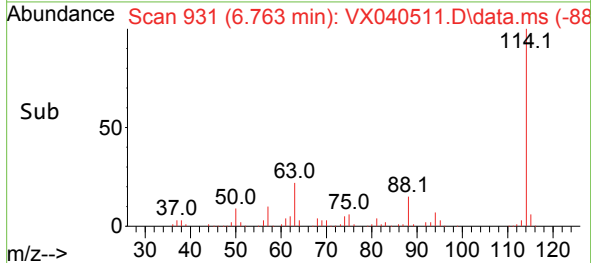
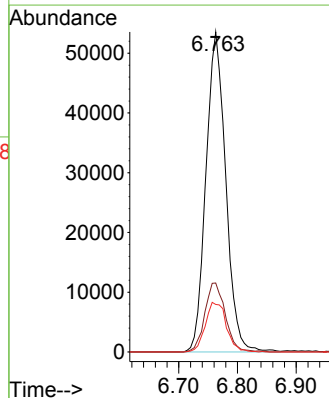
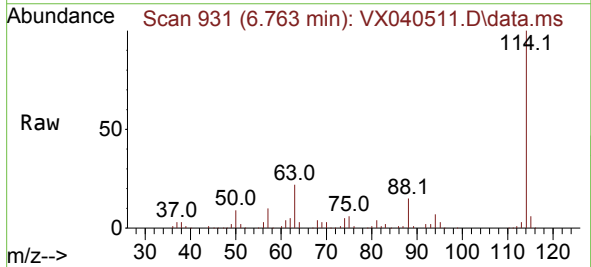
Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221

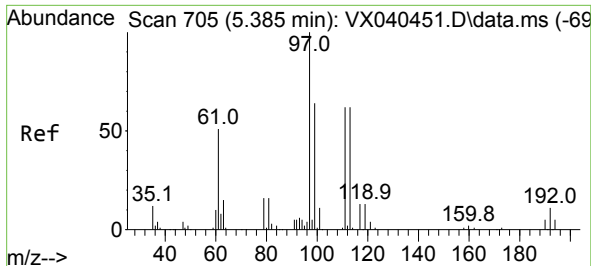
Tgt Ion: 65 Resp: 58961
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040511.D
 Acq: 28 Feb 2024 15:17

Tgt Ion: 114 Resp: 125538
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.0
 88 14.9 0.0 36.6

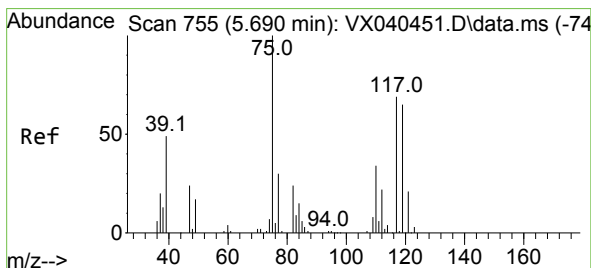
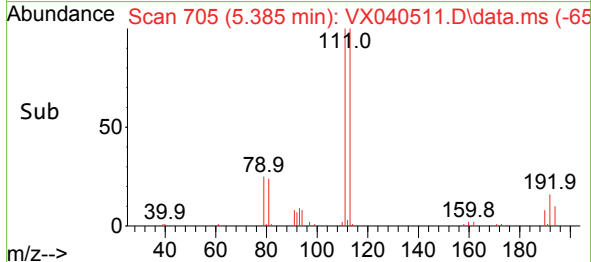
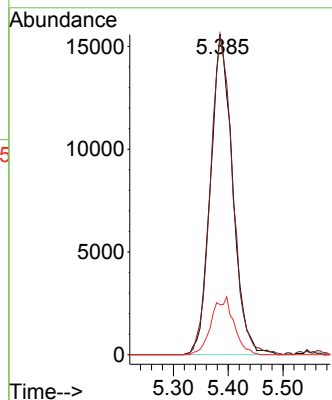
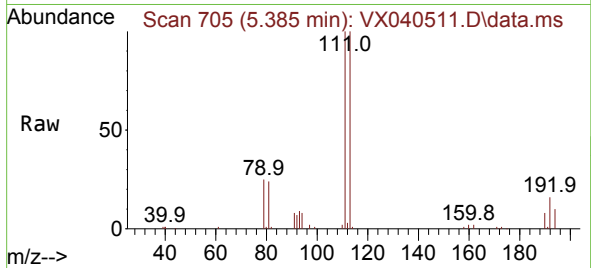




#35
Dibromofluoromethane
Concen: 50.064 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

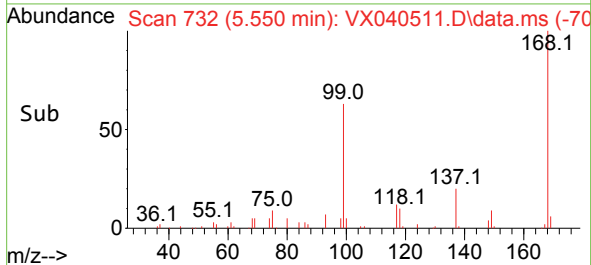
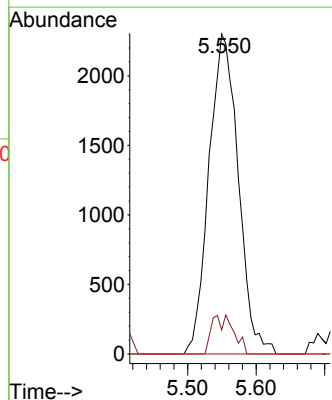
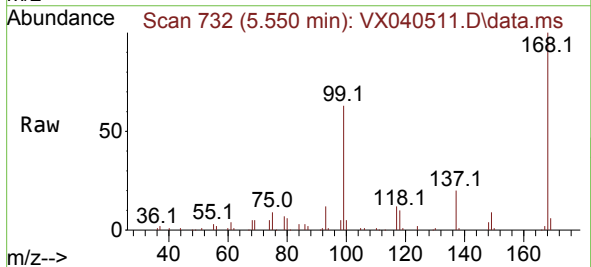
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

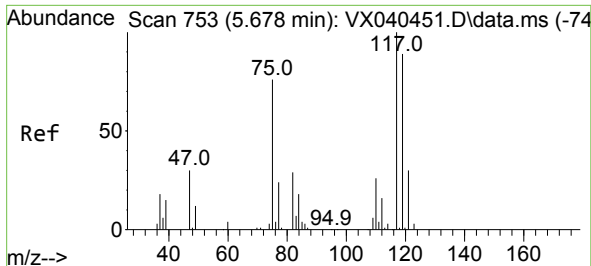
Tgt Ion:113 Resp: 43705
Ion Ratio Lower Upper
113 100
111 100.5 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.091 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion: 75 Resp: 6847
Ion Ratio Lower Upper
75 100
110 4.5 17.0 50.9#
77 0.0 24.7 37.1#

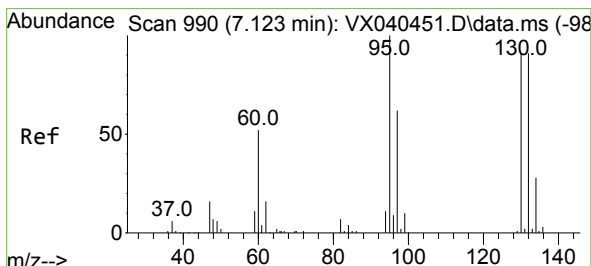
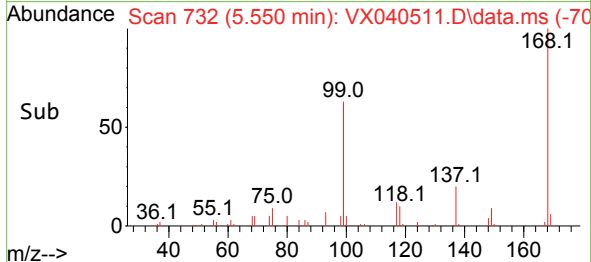
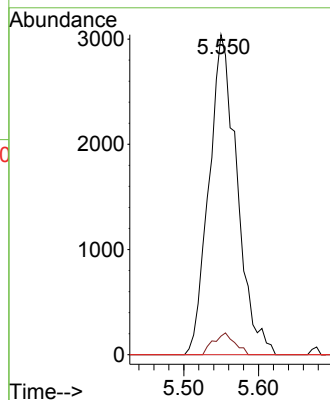
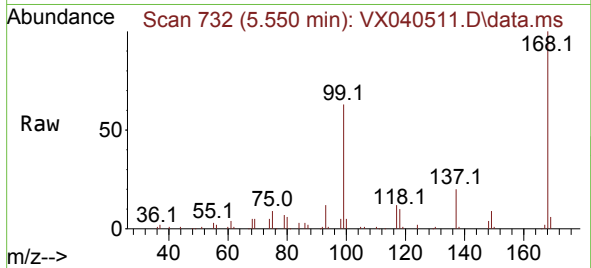




#38
Carbon Tetrachloride
Concen: 6.109 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

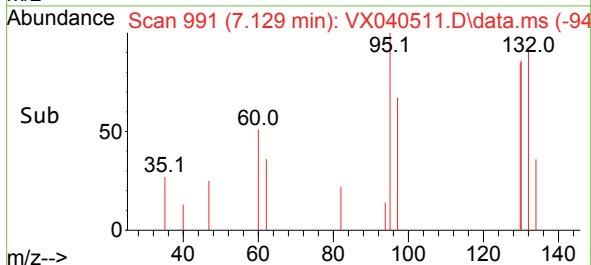
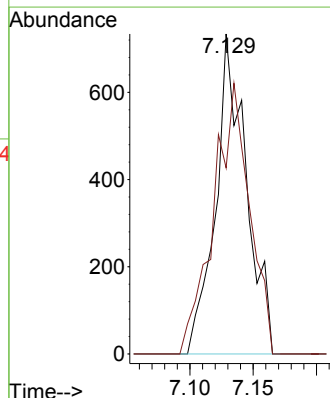
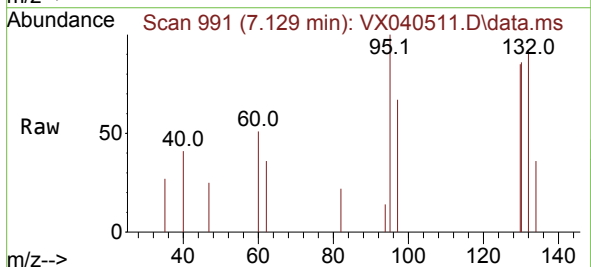
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

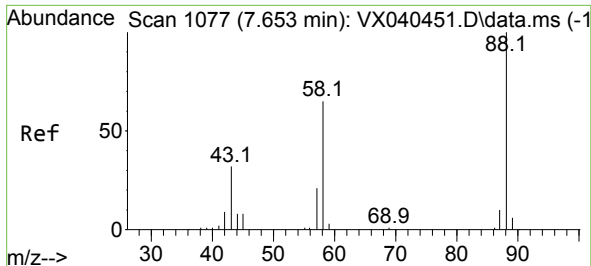
Tgt Ion:117 Resp: 7937
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.259 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion:130 Resp: 1233
Ion Ratio Lower Upper
130 100
95 58.2 0.0 204.4

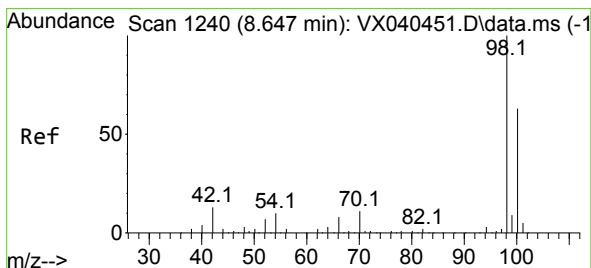
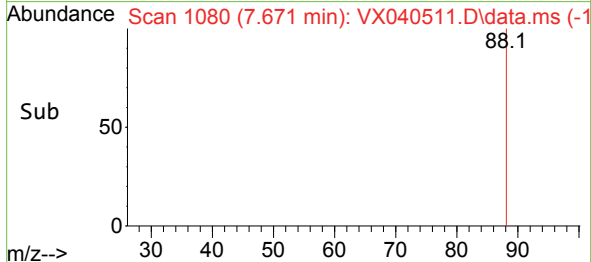
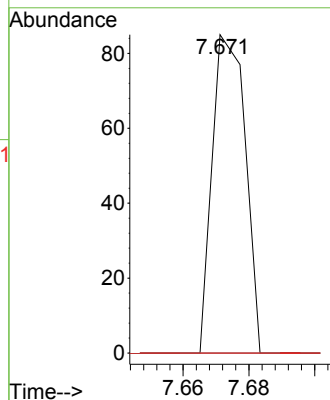
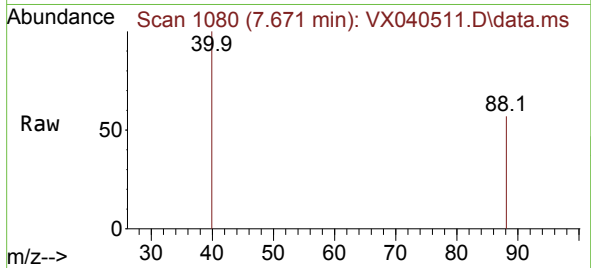




#49
1,4-Dioxane
Concen: 2.702 ug/l
RT: 7.671 min Scan# 1077
Delta R.T. 0.018 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

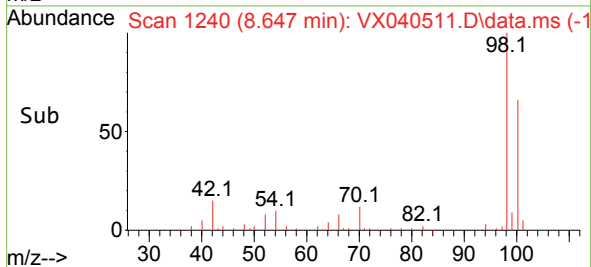
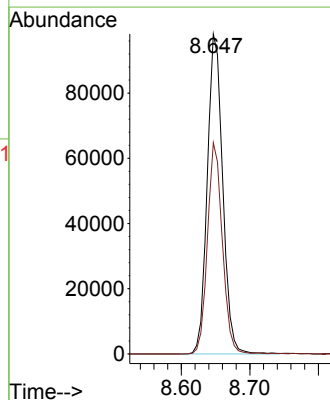
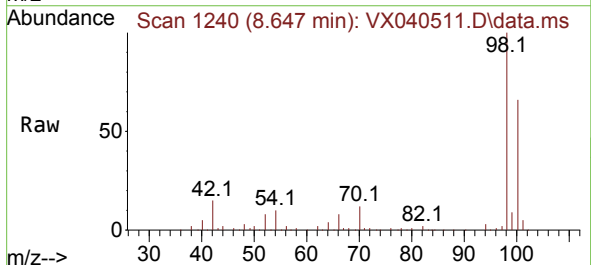
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

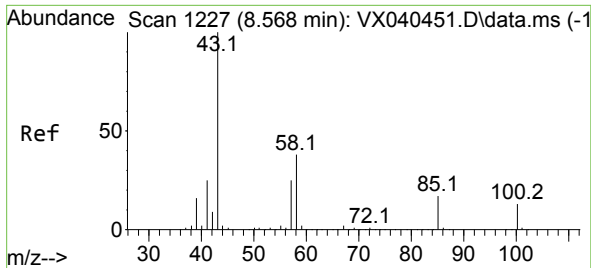
Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 48.482 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion: 98 Resp: 153629
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.239 ug/l

RT: 8.586 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

Instrument :

MSVOA_X

ClientSampleId :

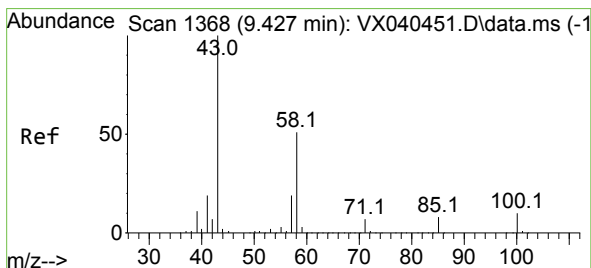
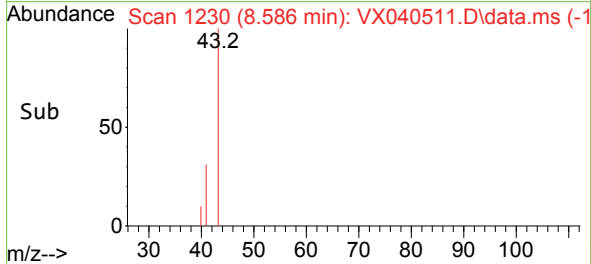
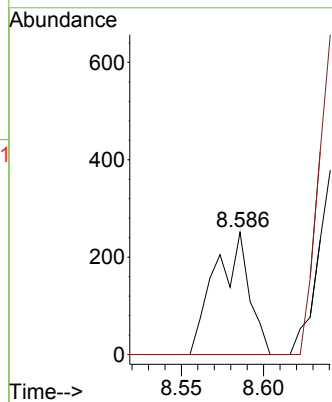
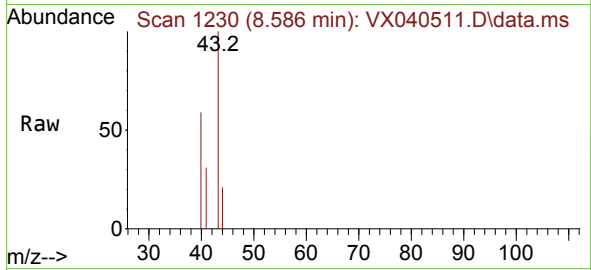
TT161S1-20240221

Tgt Ion: 43 Resp: 365

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#59

2-Hexanone

Concen: 0.281 ug/l

RT: 9.457 min Scan# 1373

Delta R.T. 0.030 min

Lab File: VX040511.D

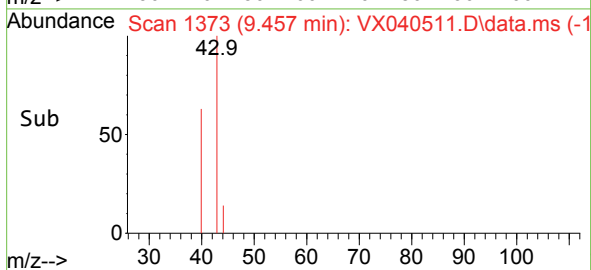
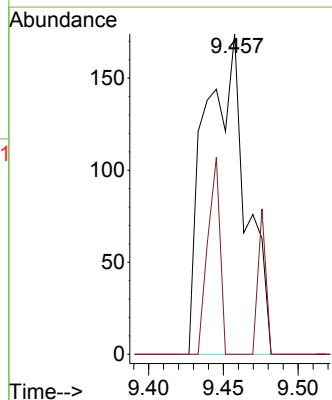
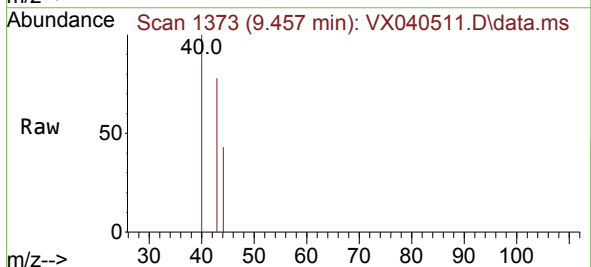
Acq: 28 Feb 2024 15:17

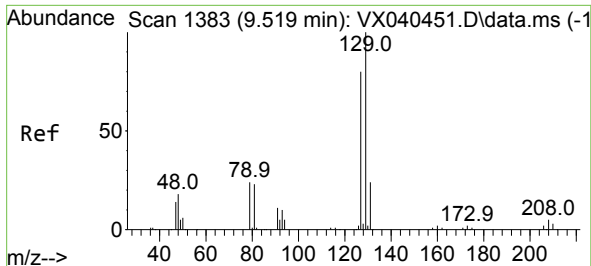
Tgt Ion: 43 Resp: 330

Ion Ratio Lower Upper

43 100

58 18.5 26.2 78.5#

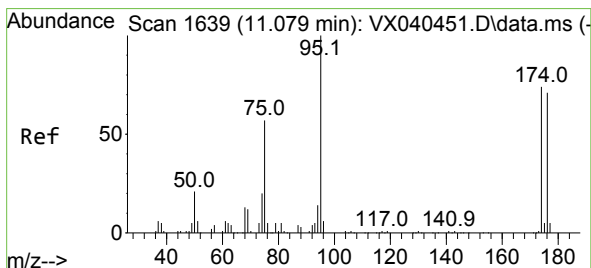
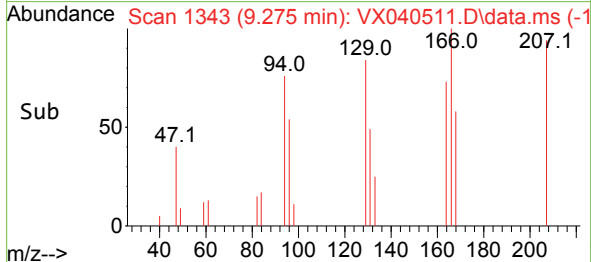
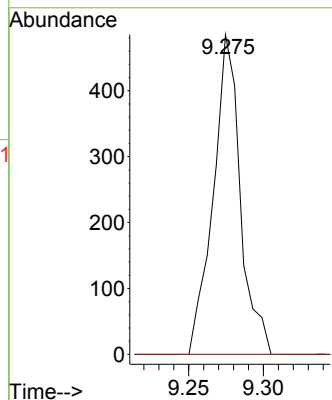
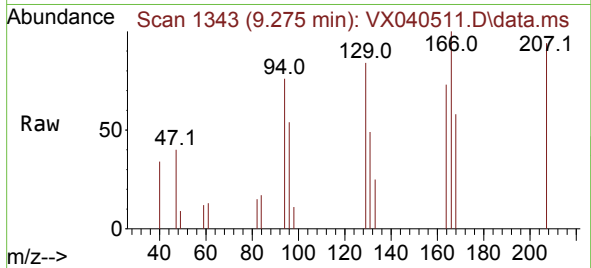




#60
Dibromochloromethane
Concen: 0.608 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

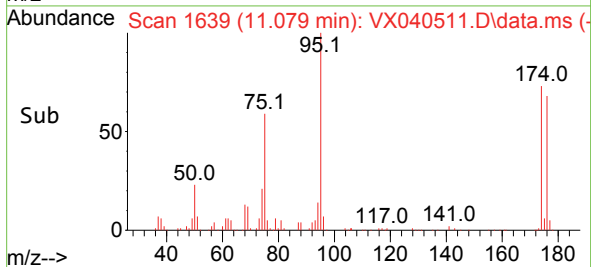
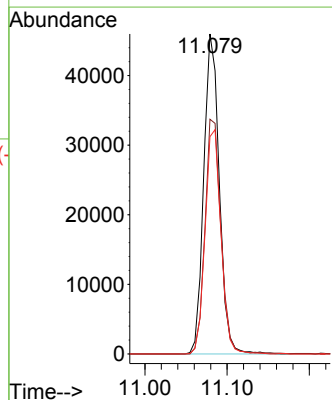
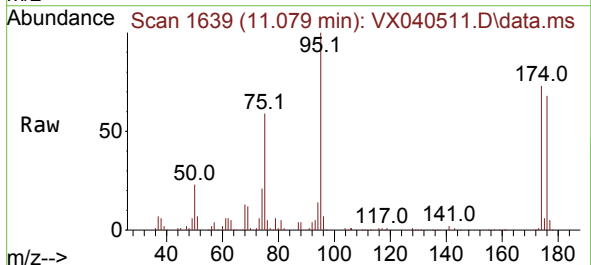
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

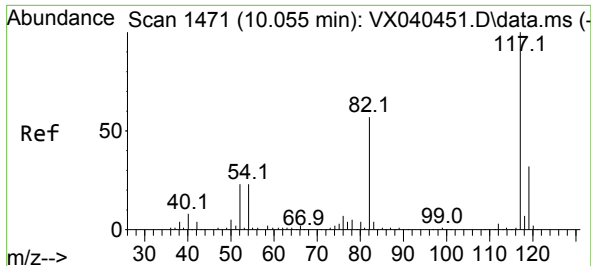
Tgt Ion:129 Resp: 612
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion: 95 Resp: 60365
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 71.7 0.0 131.0

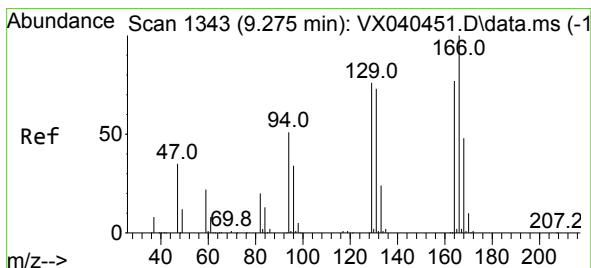
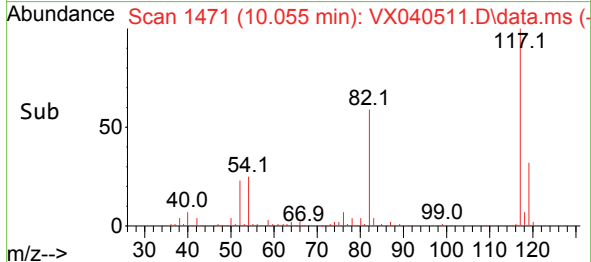
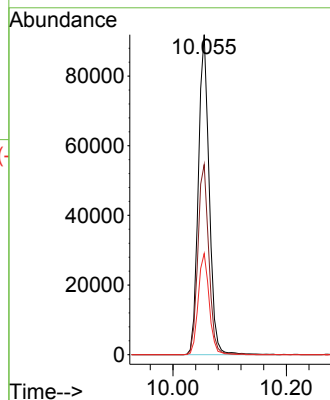
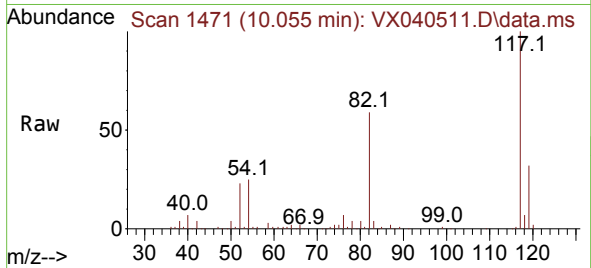




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

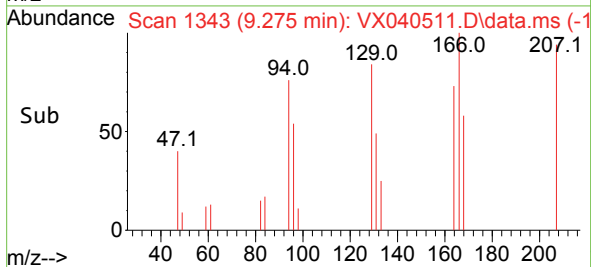
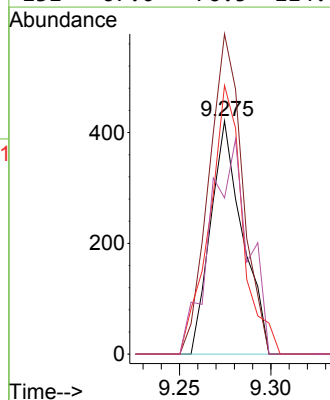
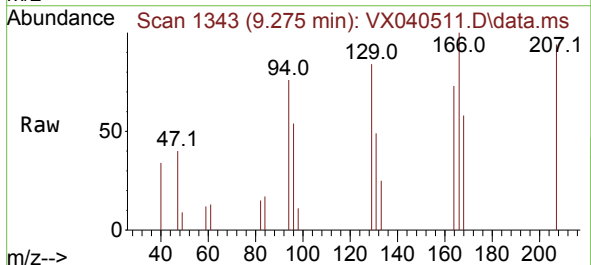
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

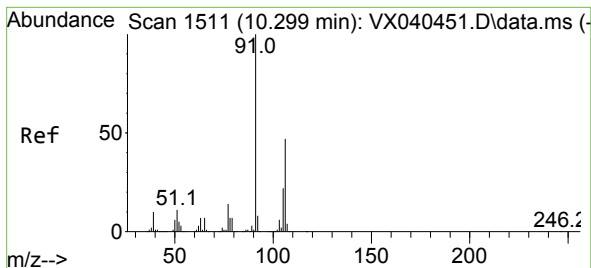
Tgt Ion:117 Resp: 121555
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.596 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion:164 Resp: 509
Ion Ratio Lower Upper
164 100
166 137.3 102.7 154.1
129 115.2 80.4 120.6
131 67.0 76.5 114.7#

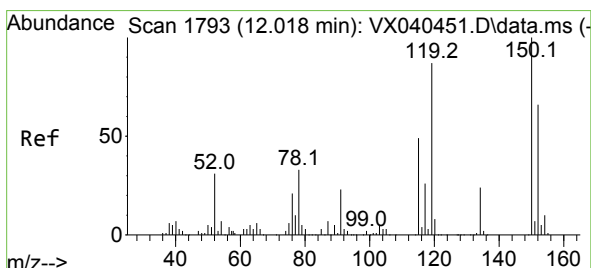
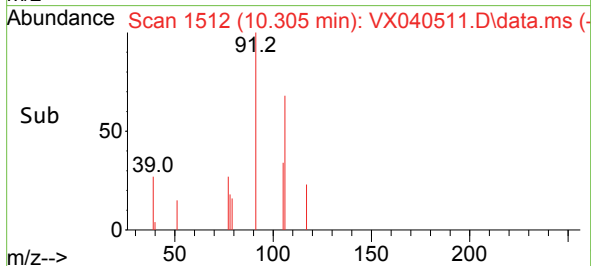
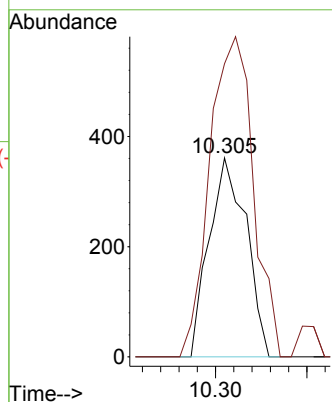
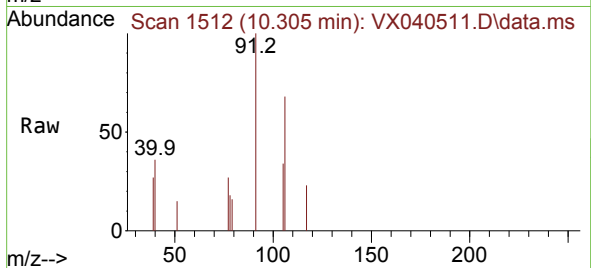




#68
m/p-Xylenes
Concen: 0.289 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

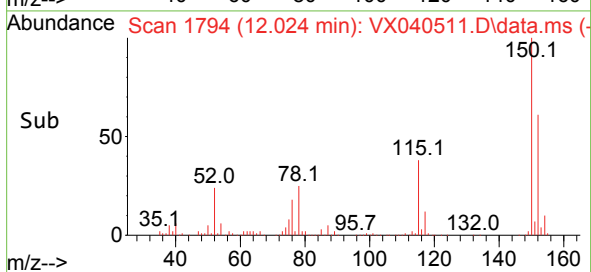
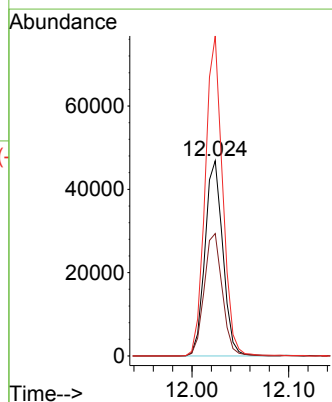
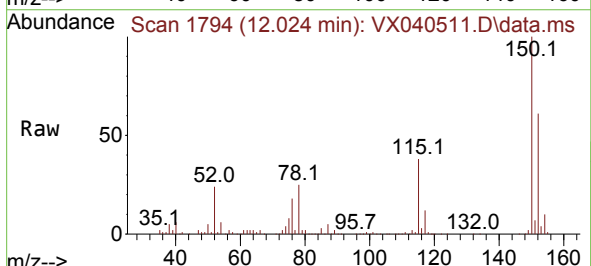
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

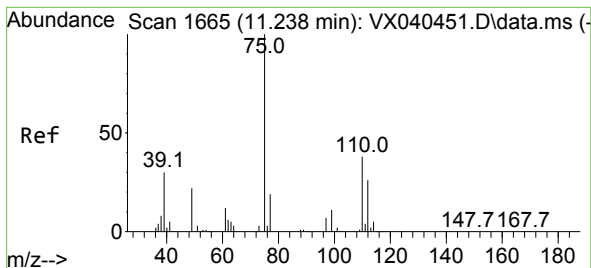
Tgt Ion:106 Resp: 510
Ion Ratio Lower Upper
106 100
91 188.8 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion:152 Resp: 60392
Ion Ratio Lower Upper
152 100
115 63.6 43.3 129.9
150 159.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.800 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

Instrument :

MSVOA_X

ClientSampleId :

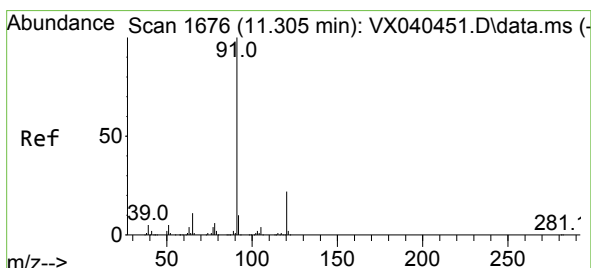
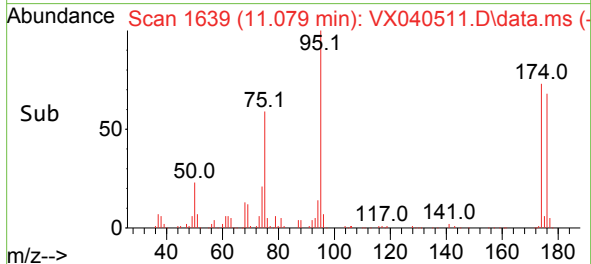
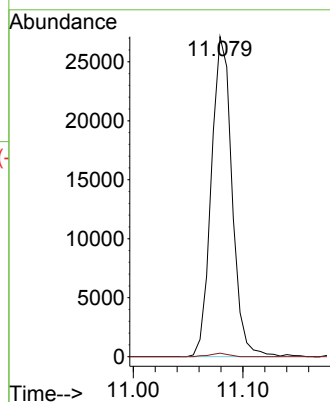
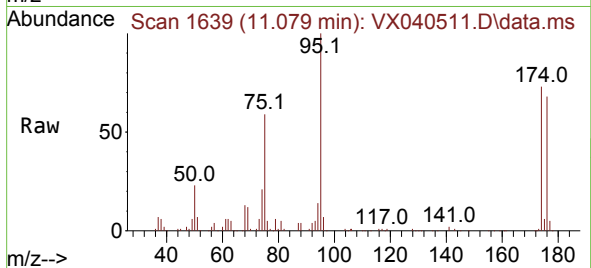
TT161S1-20240221

Tgt Ion: 75 Resp: 35621

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#78

n-propylbenzene

Concen: 0.206 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX040511.D

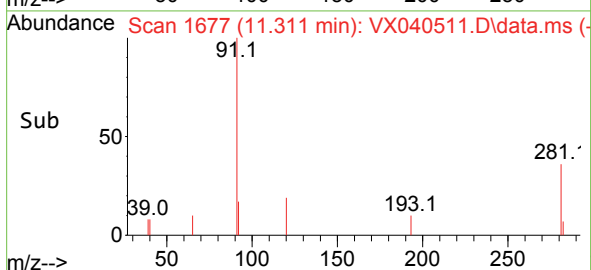
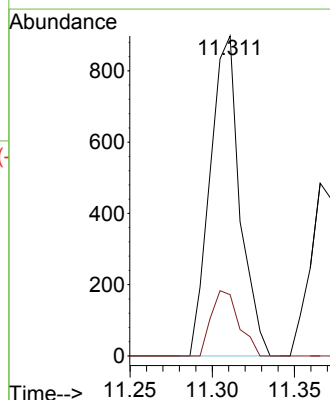
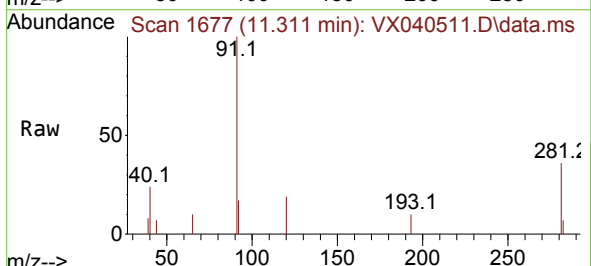
Acq: 28 Feb 2024 15:17

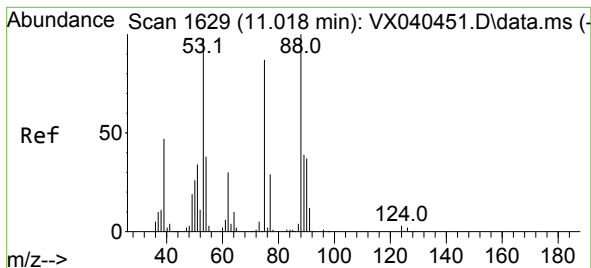
Tgt Ion: 91 Resp: 1135

Ion Ratio Lower Upper

91 100

120 18.9 11.5 34.4

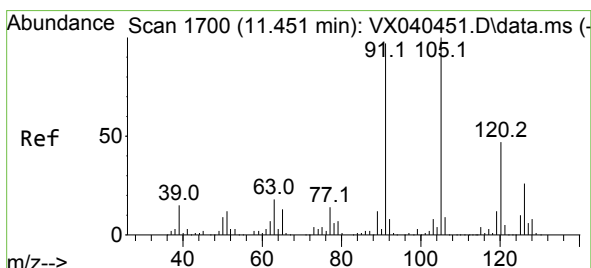
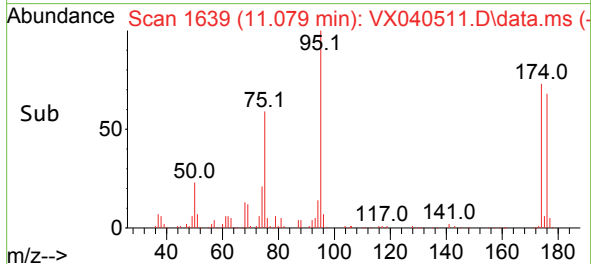
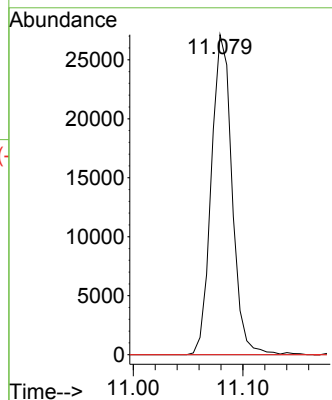
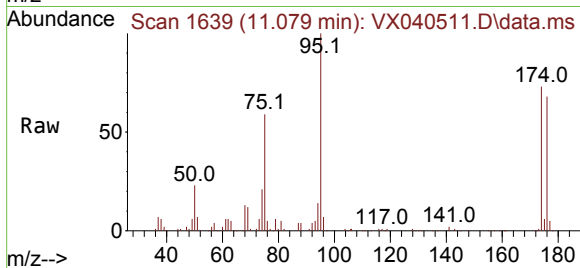




#81
trans-1,4-Dichloro-2-butene
Concen: 77.817 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

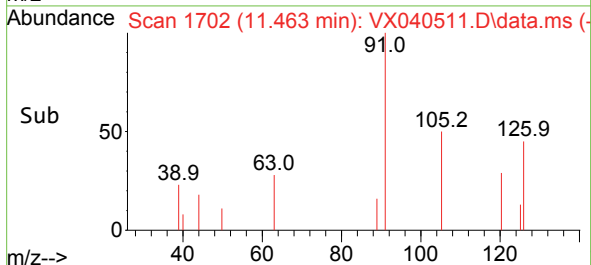
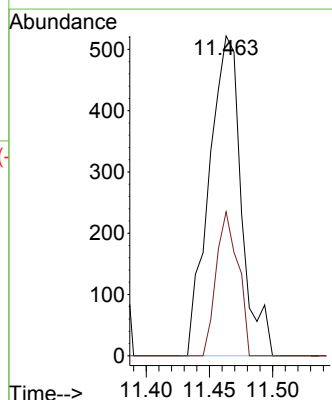
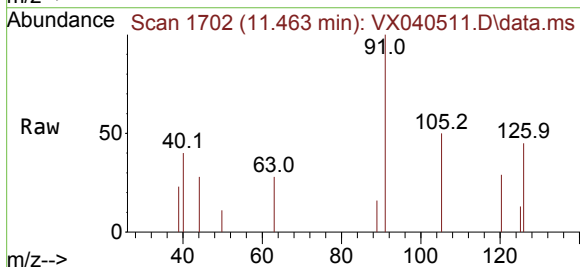
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

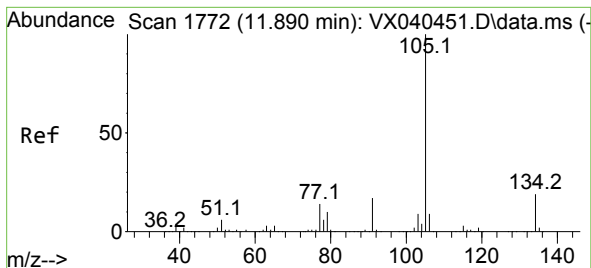
Tgt Ion: 75 Resp: 35621
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.242 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion: 91 Resp: 928
Ion Ratio Lower Upper
91 100
126 30.4 14.2 42.6





#85

sec-Butylbenzene

Concen: 0.225 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

Instrument :

MSVOA_X

ClientSampleId :

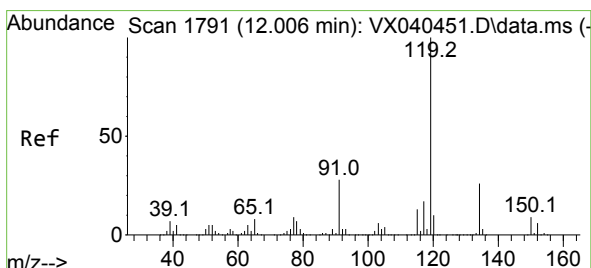
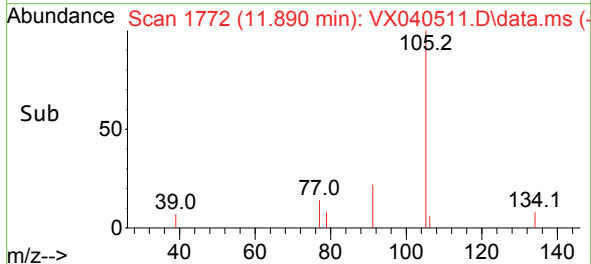
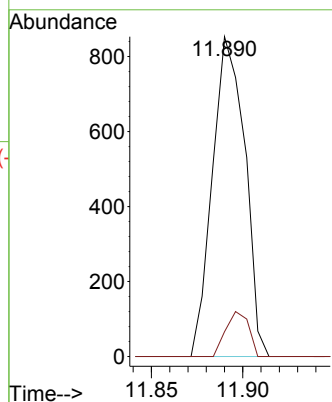
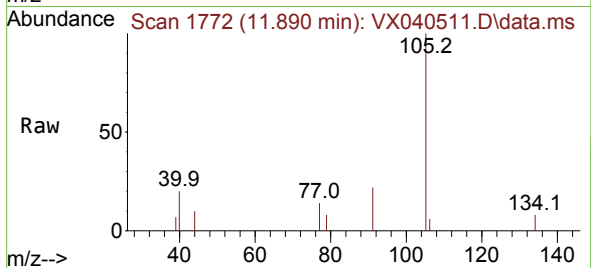
TT161S1-20240221

Tgt Ion:105 Resp: 1052

Ion Ratio Lower Upper

105 100

134 10.0 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.280 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

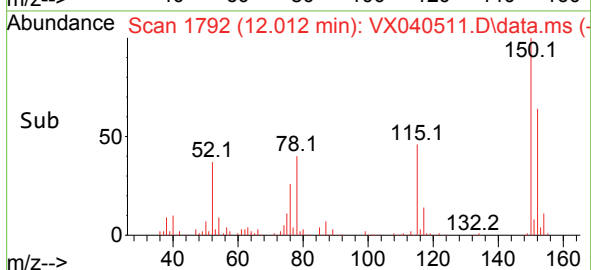
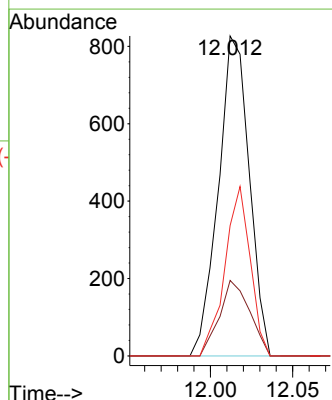
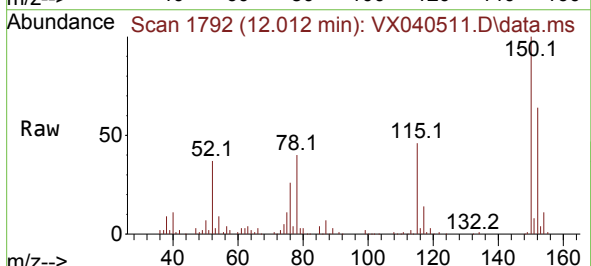
Tgt Ion:119 Resp: 1081

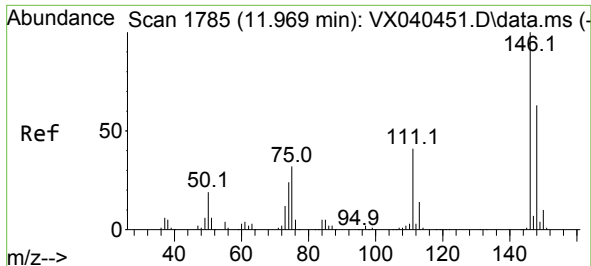
Ion Ratio Lower Upper

119 100

134 23.1 12.8 38.3

91 43.7 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.280 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221

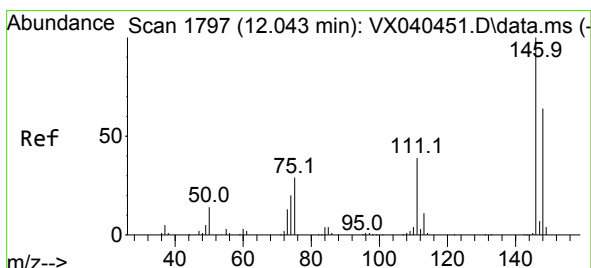
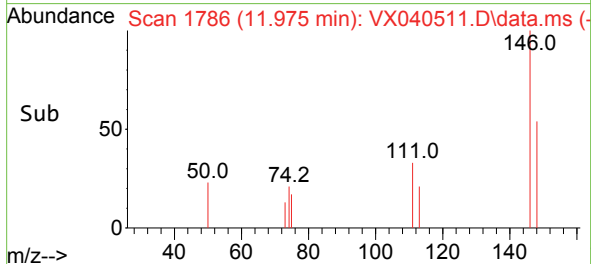
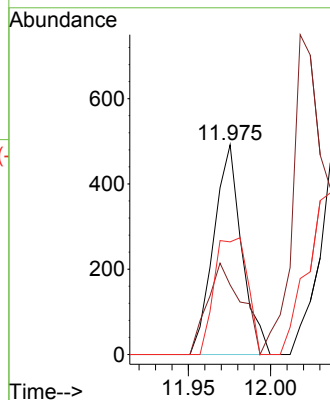
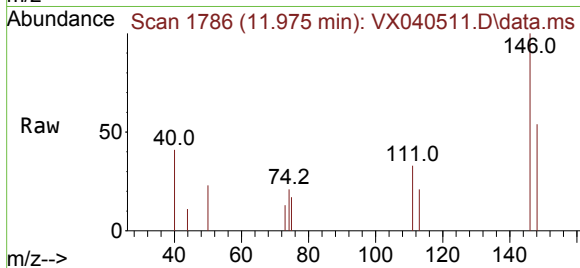
Tgt Ion:146 Resp: 586

Ion Ratio Lower Upper

146 100

111 52.0 22.1 66.1

148 65.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.275 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

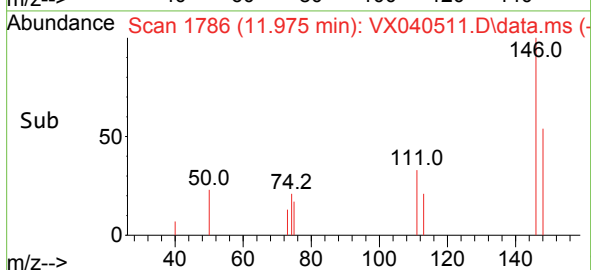
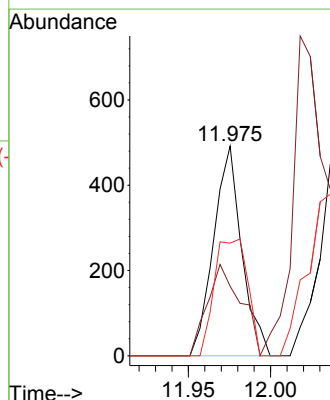
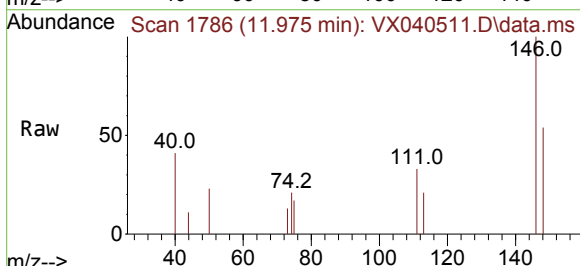
Tgt Ion:146 Resp: 586

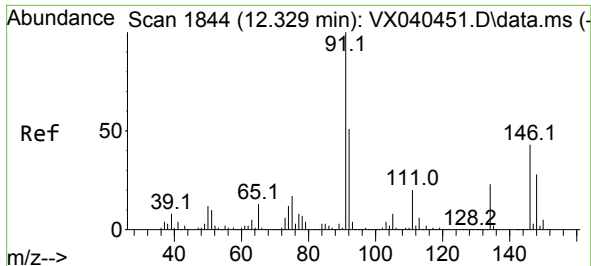
Ion Ratio Lower Upper

146 100

111 52.0 21.3 63.7

148 65.7 31.8 95.4





#89

n-Butylbenzene

Concen: 0.392 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.012 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

Instrument :

MSVOA_X

ClientSampleId :

TT161S1-20240221

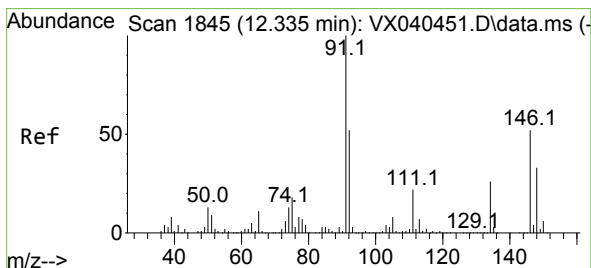
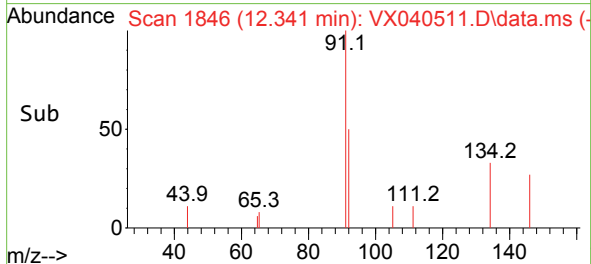
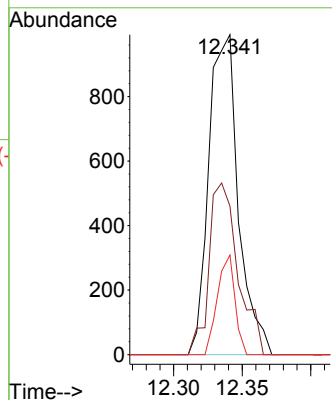
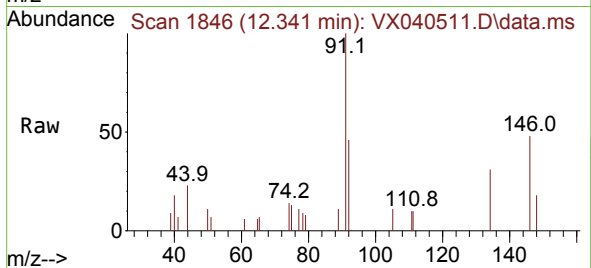
Tgt Ion: 91 Resp: 1489

Ion Ratio Lower Upper

91 100

92 52.8 27.4 82.0

134 18.5 12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.242 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX040511.D

Acq: 28 Feb 2024 15:17

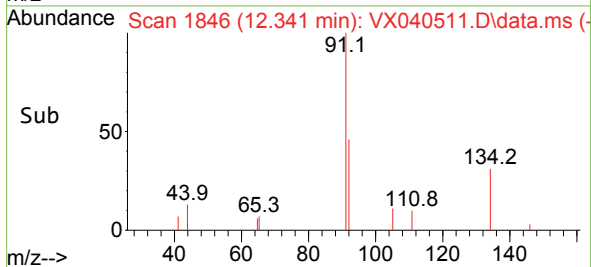
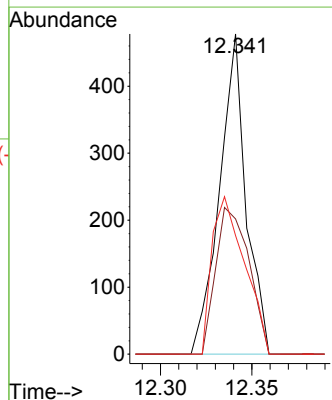
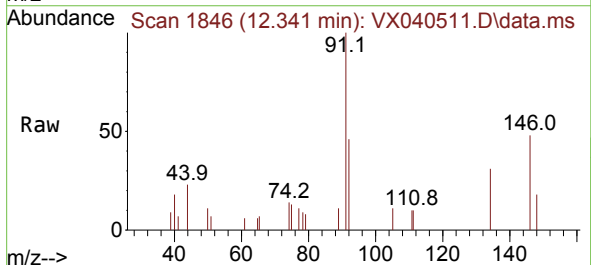
Tgt Ion:146 Resp: 484

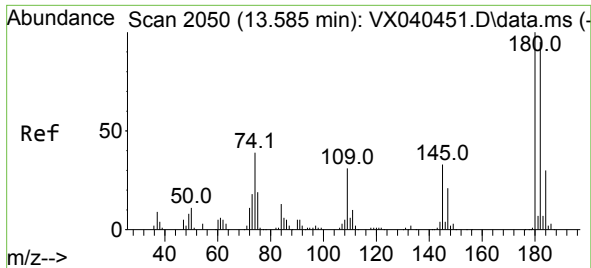
Ion Ratio Lower Upper

146 100

111 57.2 22.4 67.0

148 60.5 31.6 95.0

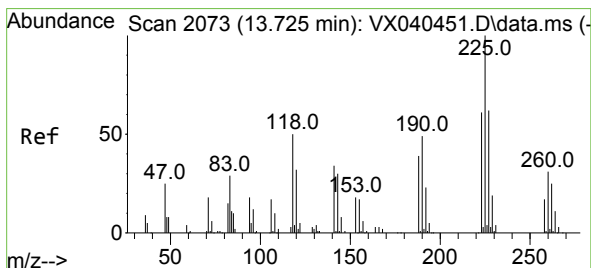
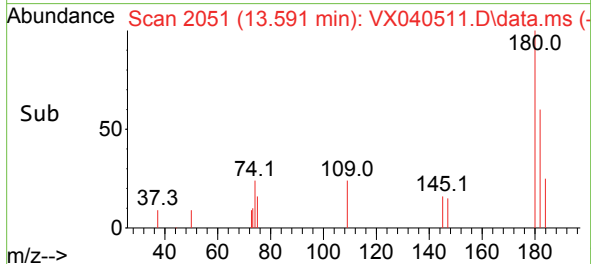
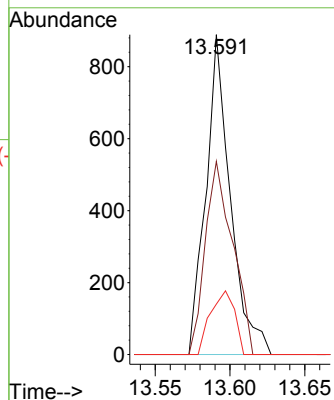
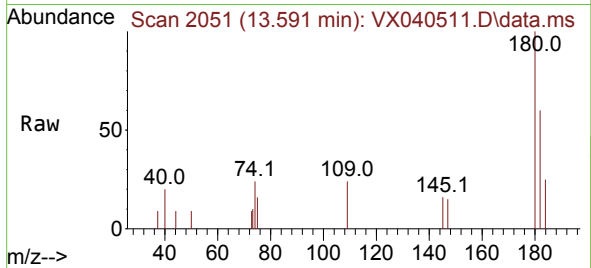




#93
1,2,4-Trichlorobenzene
Concen: 0.777 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

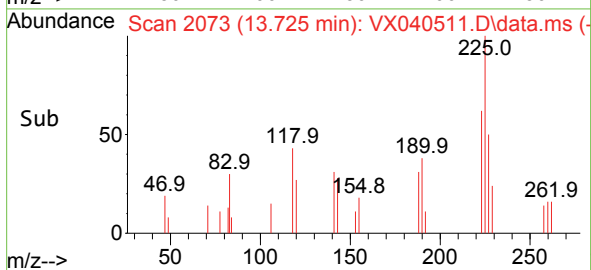
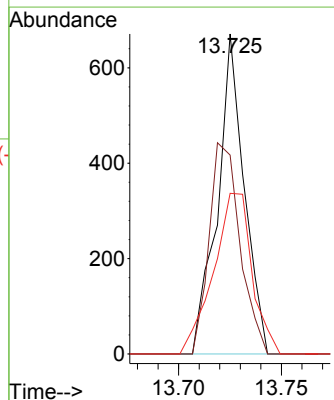
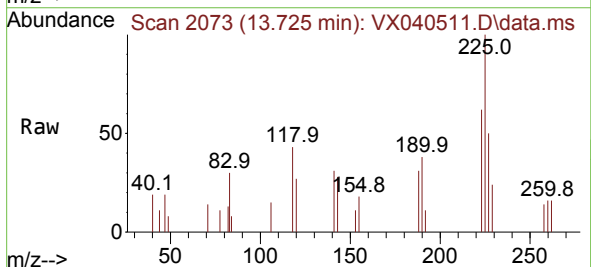
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

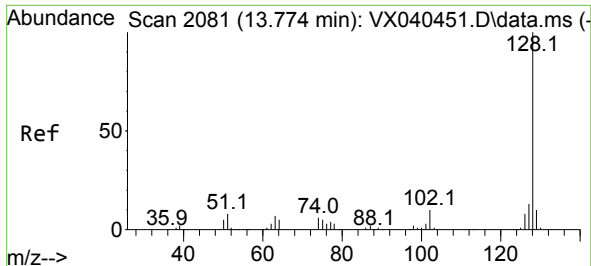
Tgt Ion:180 Resp: 1013
Ion Ratio Lower Upper
180 100
182 67.5 48.3 144.8
145 19.6 18.0 54.0



#94
Hexachlorobutadiene
Concen: 1.137 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion:225 Resp: 606
Ion Ratio Lower Upper
225 100
223 76.1 31.1 93.2
227 72.6 32.5 97.5

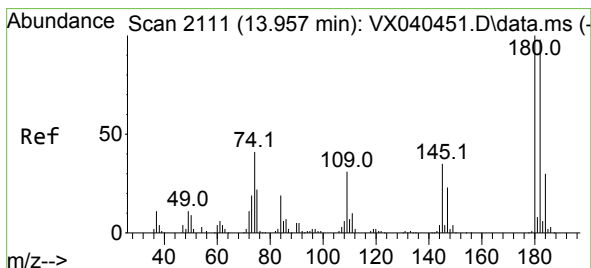
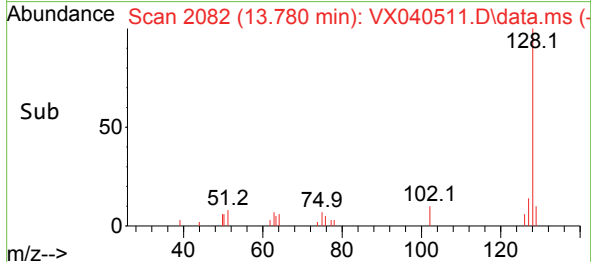
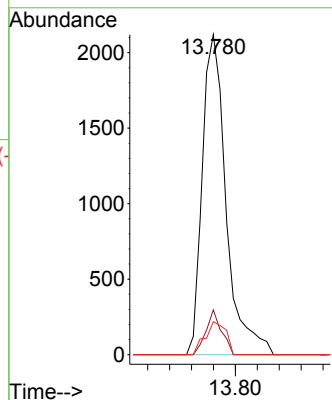
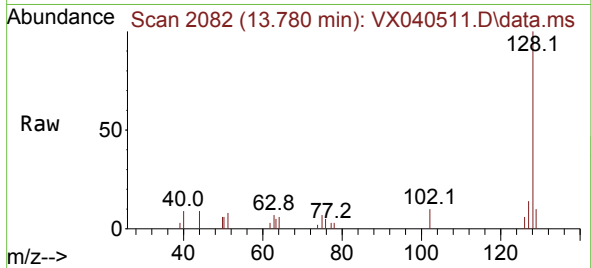




#95
Naphthalene
Concen: 0.768 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221

Tgt Ion:128 Resp: 3198
Ion Ratio Lower Upper
128 100
127 9.1 10.3 15.5#
129 9.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.679 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.012 min
Lab File: VX040511.D
Acq: 28 Feb 2024 15:17

Tgt Ion:180 Resp: 842
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 38.7 17.8 53.5

