

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036910.D
 Acq On : 10 Aug 2023 14:07
 Operator : JC/MD
 Sample : 03960-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 01:45:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	117871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86894	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81953	46.989	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.980%
35) Dibromofluoromethane	5.391	113	69055	46.869	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.740%
50) Toluene-d8	8.647	98	256908	49.170	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.079	95	96582	48.995	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.980%

Target Compounds			Qvalue			
5) Bromomethane	1.605	94	216	0.251	ug/l #	65
8) Diethyl Ether	2.136	74	441	0.512	ug/l #	1
11) Tert butyl alcohol	2.959	59	816995	1978.677	ug/l #	92
13) Acrolein	2.239	56	501	2.126	ug/l	87
14) Allyl chloride	2.642	41	5041	1.940	ug/l #	46
15) Acrylonitrile	3.074	53	214	0.258	ug/l #	67
16) Acetone	2.379	43	228408	315.601	ug/l	90
17) Carbon Disulfide	2.514	76	7415	2.036	ug/l	97
18) Methyl Acetate	2.538	43	12616	4.144	ug/l #	53
19) Methyl tert-butyl Ether	3.123	73	2339	0.472	ug/l	99
20) Methylene Chloride	2.794	84	349	0.217	ug/l #	57
22) Diisopropyl ether	3.849	45	1396	0.283	ug/l #	1
25) 2-Butanone	4.556	43	250270	213.140	ug/l	94
26) 2,2-Dichloropropane	4.574	77	36404	13.964	ug/l #	54
29) Tetrahydrofuran	5.007	42	117252	154.884	ug/l	89
30) Chloroform	5.092	83	596	0.211	ug/l #	84
31) Cyclohexane	5.550	56	2857	1.183	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10156	4.625	ug/l #	50
37) Ethyl Acetate	4.556	43	250270	100.688	ug/l #	83
38) Carbon Tetrachloride	5.550	117	12595	5.395	ug/l #	17
40) Benzene	6.043	78	3968	0.621	ug/l	98
41) Methacrylonitrile	5.007	41	75804	57.021	ug/l #	49
42) 1,2-Dichloroethane	6.092	62	768	0.329	ug/l #	77
43) Isopropyl Acetate	6.348	43	1487	0.348	ug/l #	62
49) 1,4-Dioxane	7.671	88	2260	56.222	ug/l #	94
51) 4-Methyl-2-Pentanone	8.573	43	8603	3.633	ug/l	98
52) Toluene	8.720	92	4844	1.210	ug/l	100
59) 2-Hexanone	9.439	43	1659	0.944	ug/l	98
65) Chlorobenzene	10.079	112	1728	0.394	ug/l	92
67) Ethyl Benzene	10.195	91	10429	1.301	ug/l	100
68) m/p-Xylenes	10.299	106	4108	1.373	ug/l	93
69) o-Xylene	10.640	106	2875	0.963	ug/l	100
70) Styrene	10.658	104	1436	0.292	ug/l #	81
73) Isopropylbenzene	10.963	105	2374	0.330	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	51074	24.989	ug/l #	39
78) n-propylbenzene	11.305	91	1859	0.224	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

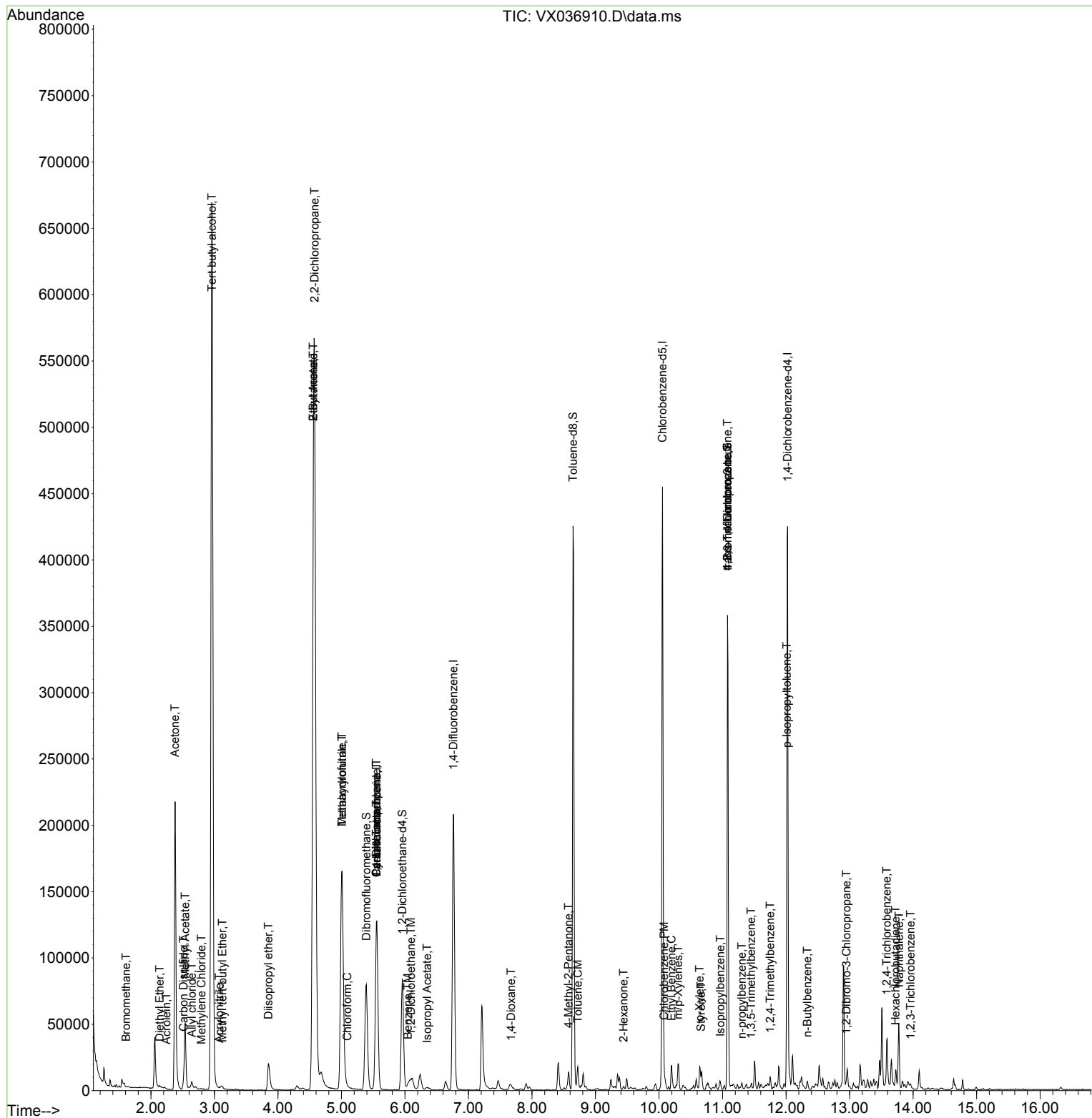
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.451	105	1550	0.258	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	51074	56.640	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	3858	0.641	ug/l	88
86) p-Isopropyltoluene	12.012	119	3787	0.624	ug/l	89
89) n-Butylbenzene	12.335	91	1631	0.300	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.951	75	120	0.213	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.585	180	720	0.399	ug/l	95
94) Hexachlorobutadiene	13.725	225	495	0.663	ug/l	86
95) Naphthalene	13.780	128	23746	3.779	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	743	0.418	ug/l	93

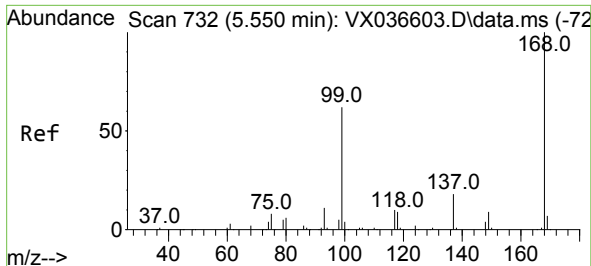
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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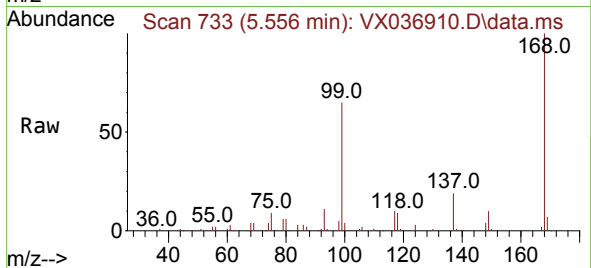
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



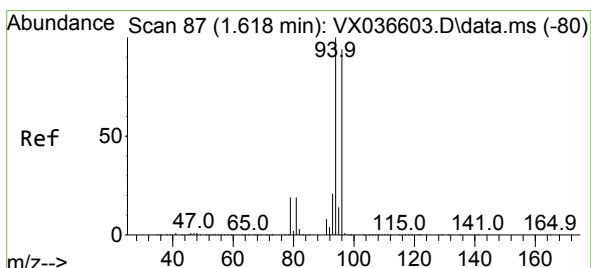
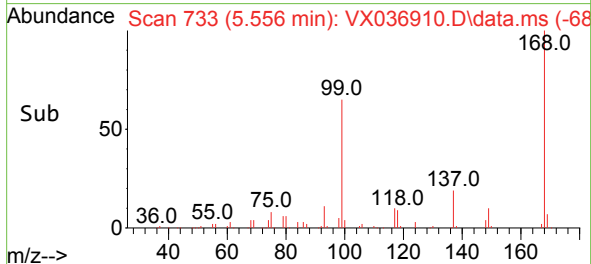
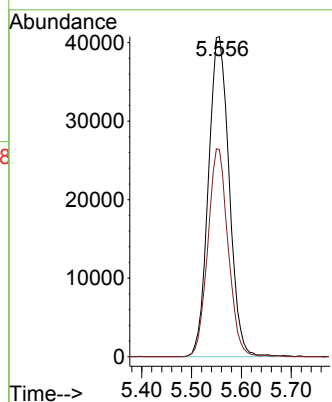


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

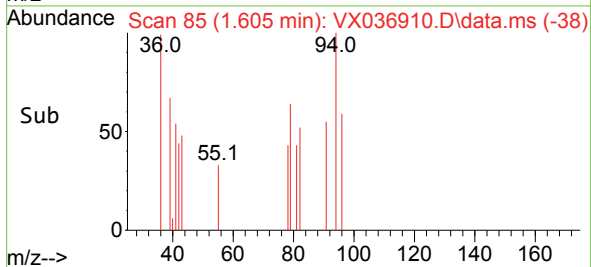
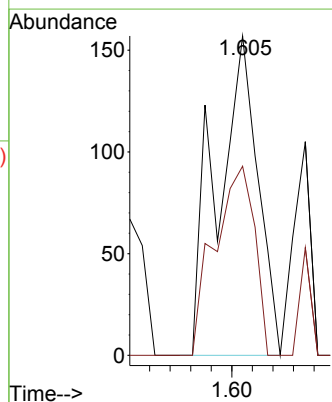
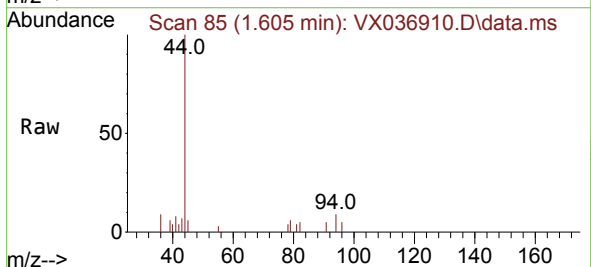


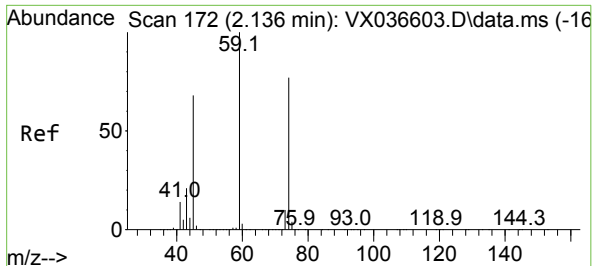
Tgt Ion:168 Resp: 117871
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#5
Bromomethane
Concen: 0.251 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.012 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Tgt Ion: 94 Resp: 216
Ion Ratio Lower Upper
94 100
96 59.2 74.6 111.8#





#8

Diethyl Ether

Concen: 0.512 ug/l

RT: 2.136 min Scan# 1

Delta R.T. -0.000 min

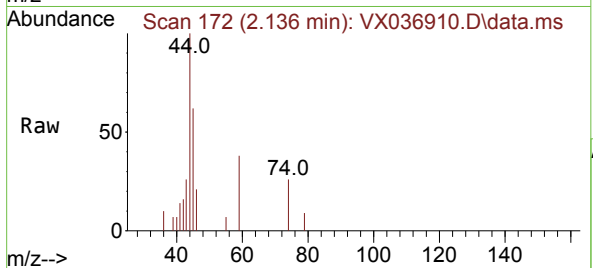
Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

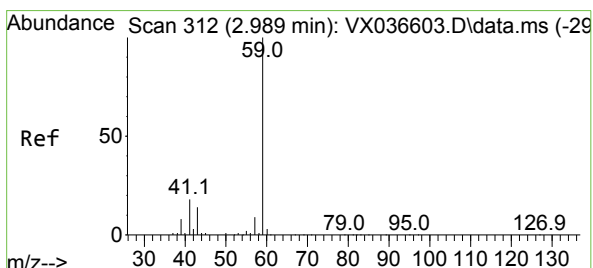
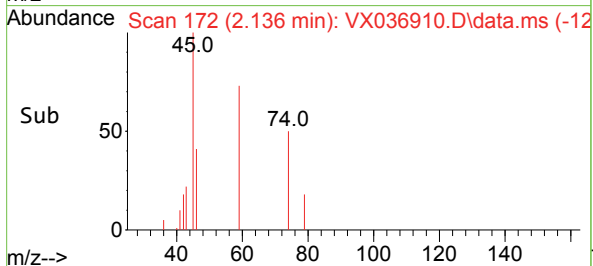
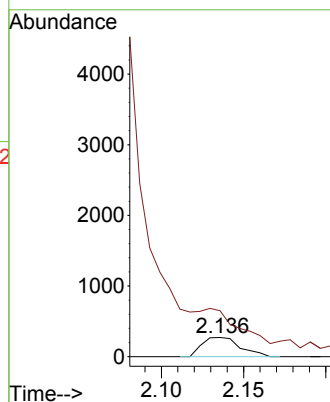


Tgt Ion: 74 Resp: 441

Ion Ratio Lower Upper

74 100

45 0.0 53.3 159.8#



#11

Tert butyl alcohol

Concen: 1978.677 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.031 min

Lab File: VX036910.D

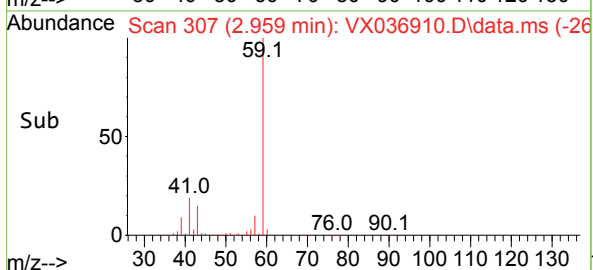
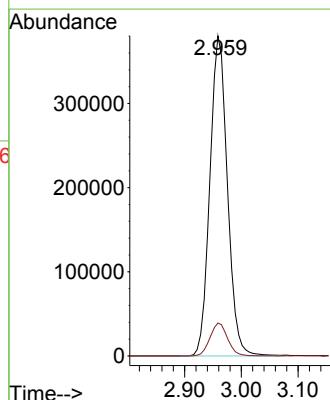
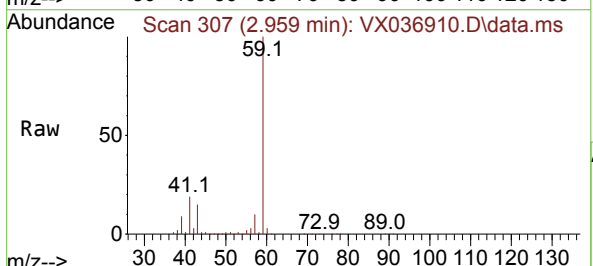
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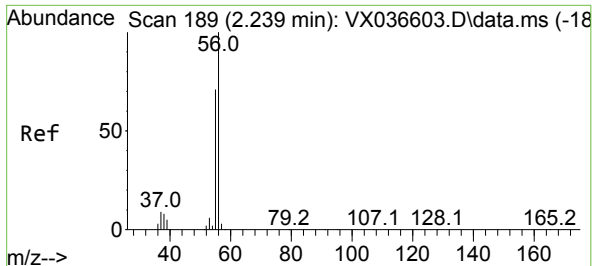
Tgt Ion: 59 Resp: 816995

Ion Ratio Lower Upper

59 100

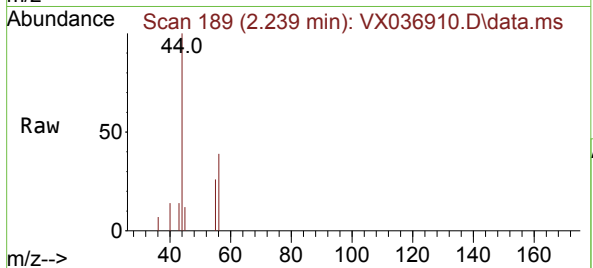
57 10.4 6.0 9.0#



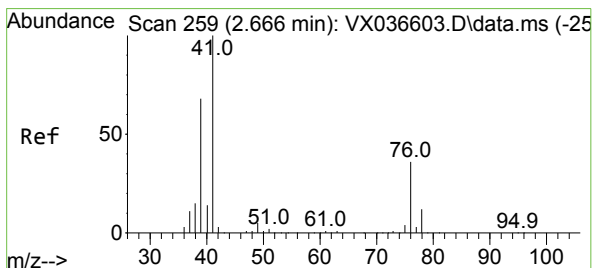
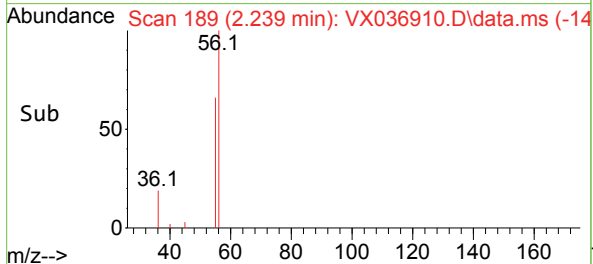
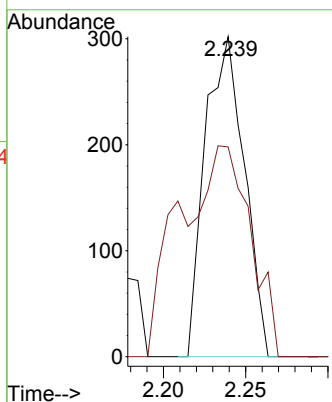


#13
Acrolein
Concen: 2.126 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

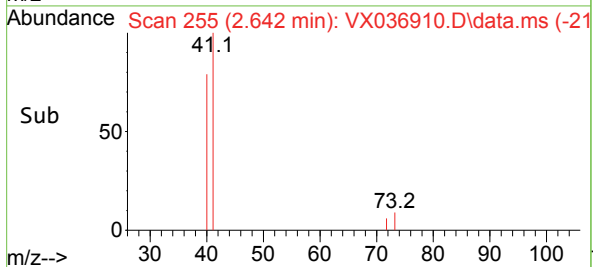
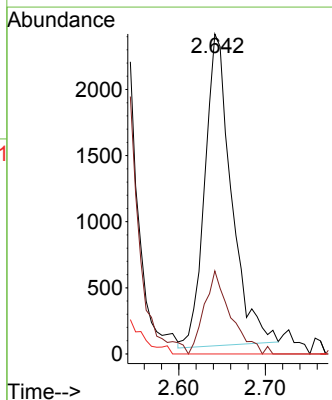
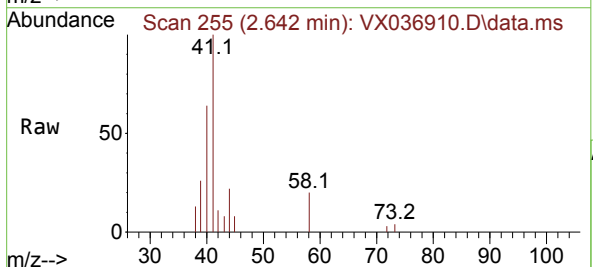


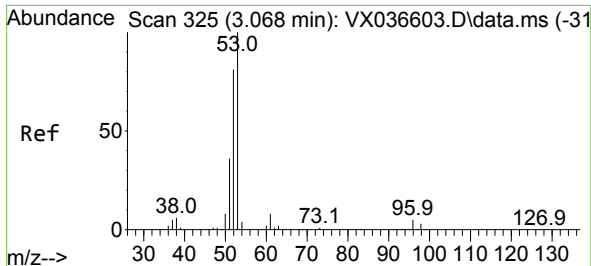
Tgt Ion: 56 Resp: 501
Ion Ratio Lower Upper
56 100
55 82.4 57.1 85.7



#14
Allyl chloride
Concen: 1.940 ug/l
RT: 2.642 min Scan# 255
Delta R.T. -0.024 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

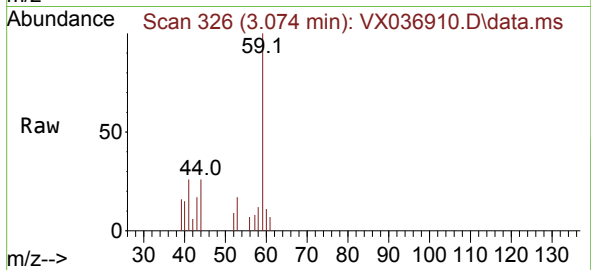
Tgt Ion: 41 Resp: 5041
Ion Ratio Lower Upper
41 100
39 26.3 55.8 83.6#
76 0.0 24.3 36.5#



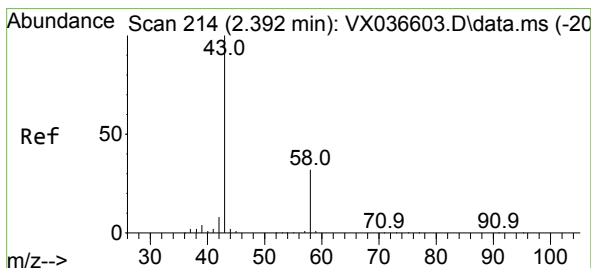
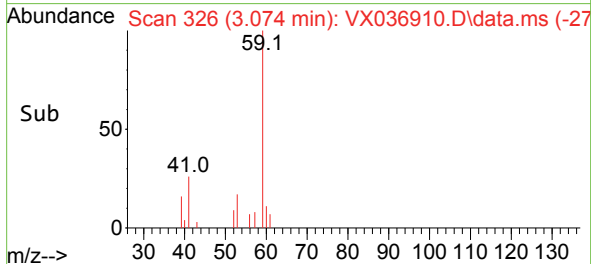
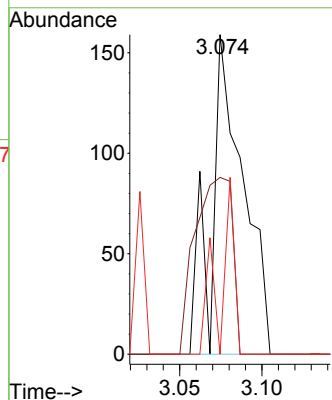


#15
Acrylonitrile
Concen: 0.258 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

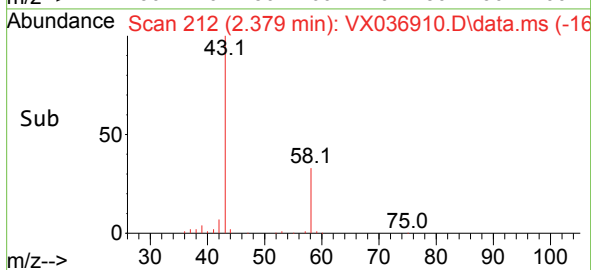
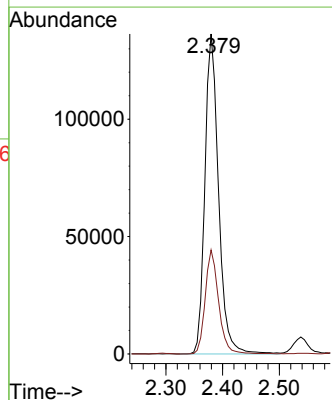
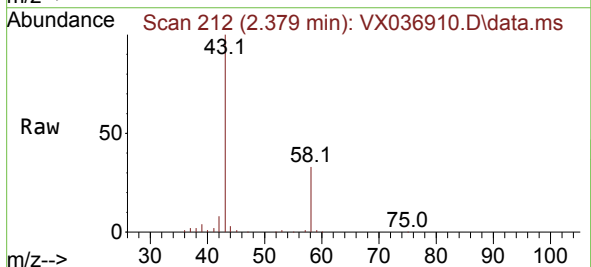


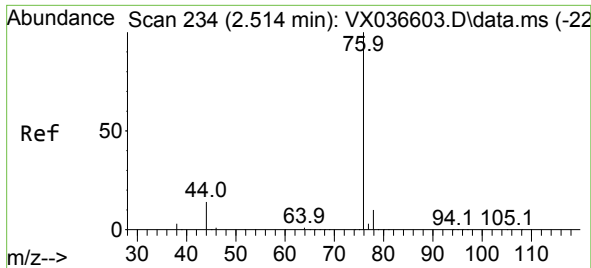
Tgt Ion: 53 Resp: 214
Ion Ratio Lower Upper
53 100
52 65.0 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 315.601 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

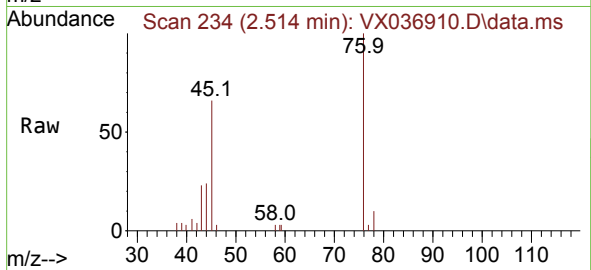
Tgt Ion: 43 Resp: 228408
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9



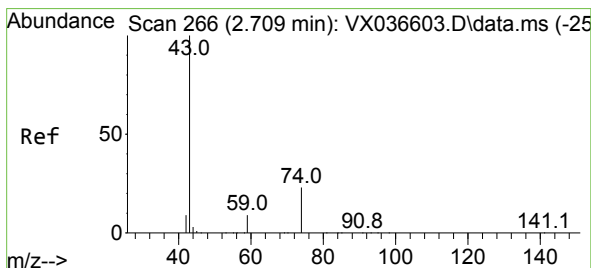
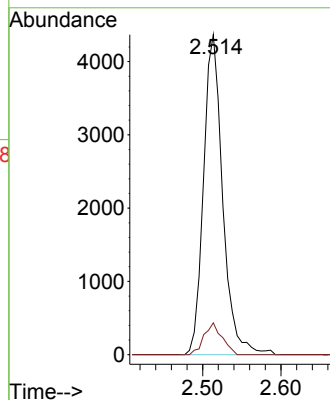
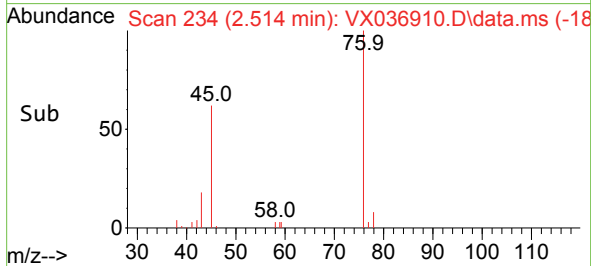


#17
Carbon Disulfide
Concen: 2.036 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Instrument :
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ClientSampleId :

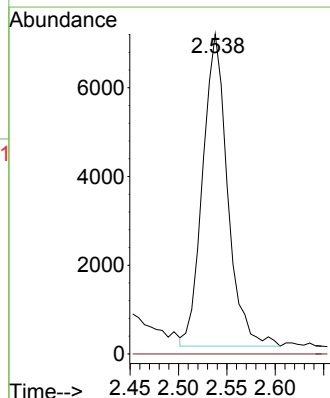
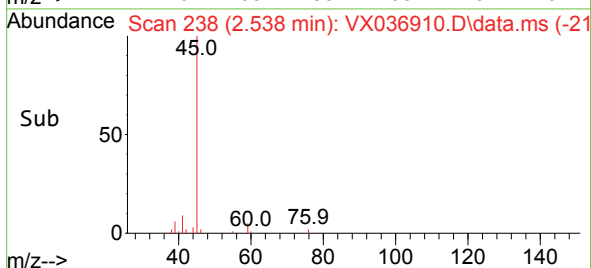
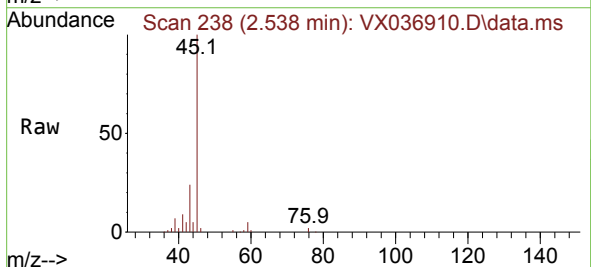


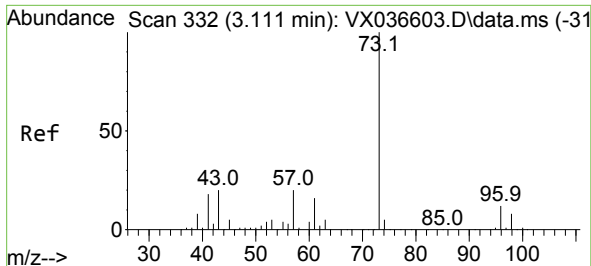
Tgt Ion: 76 Resp: 7415
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 4.144 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.171 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Tgt Ion: 43 Resp: 12616
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

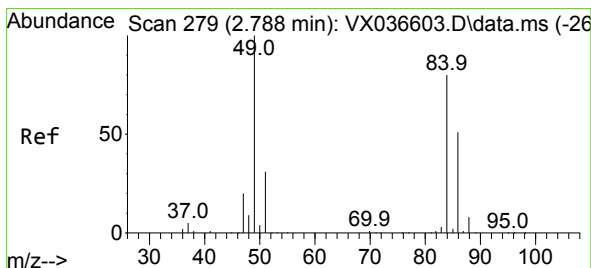
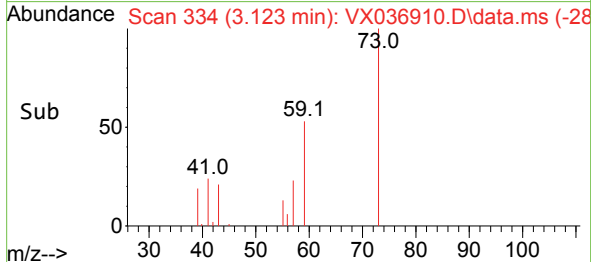
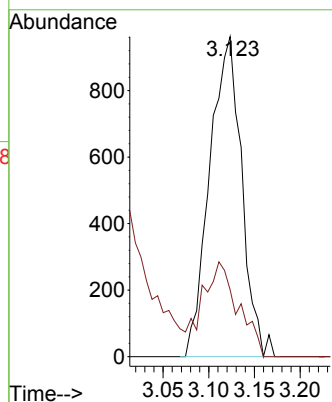
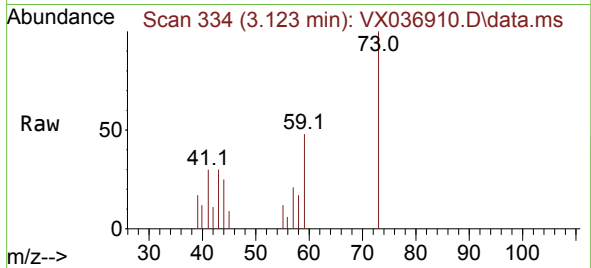




#19
Methyl tert-butyl Ether
Concen: 0.472 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

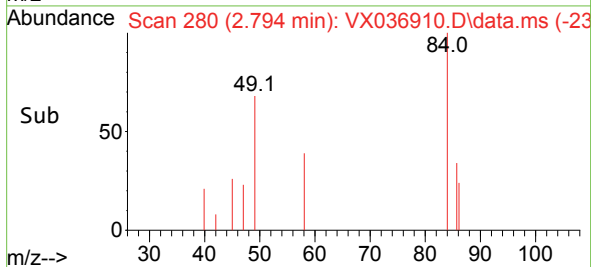
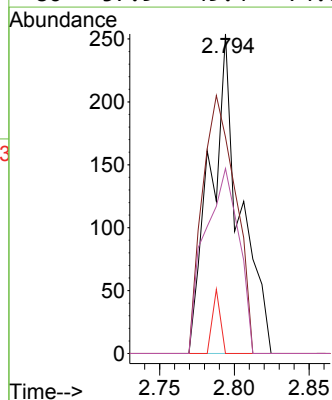
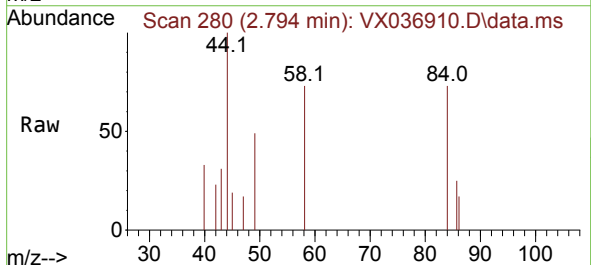
Instrument :
MSVOA_X
ClientSampleId :

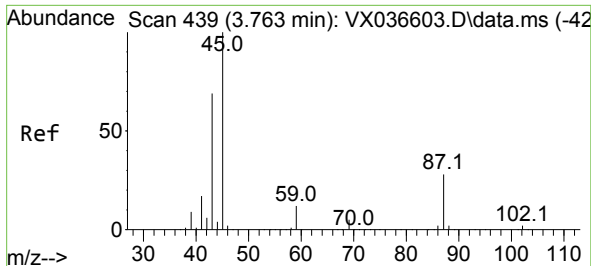
Tgt Ion: 73 Resp: 2339
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 0.217 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

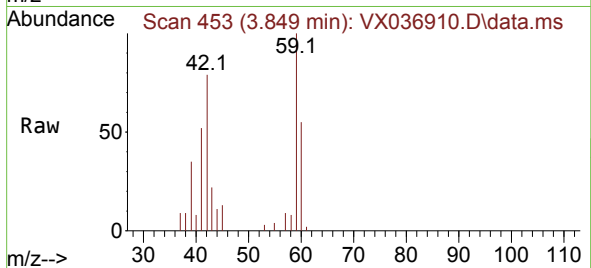
Tgt Ion: 84 Resp: 349
Ion Ratio Lower Upper
84 100
49 67.7 103.6 155.4#
51 0.0 33.8 50.6#
86 57.9 49.4 74.0



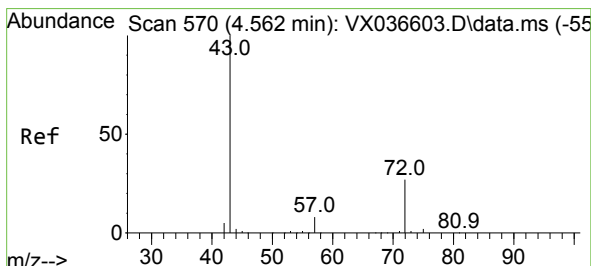
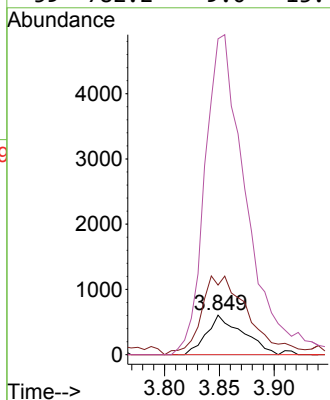
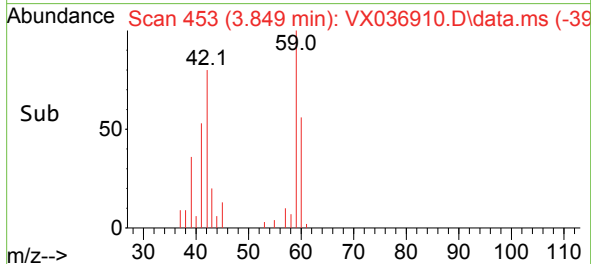


#22
Diisopropyl ether
Concen: 0.283 ug/l
RT: 3.849 min Scan# 41
Delta R.T. 0.085 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

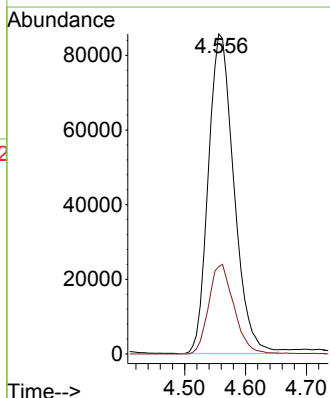
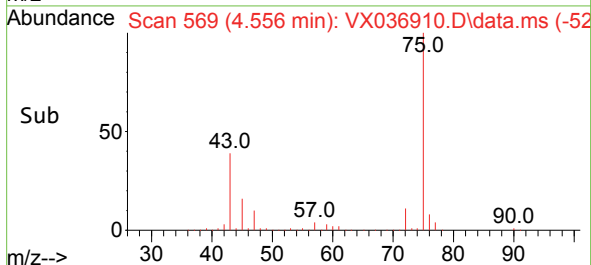
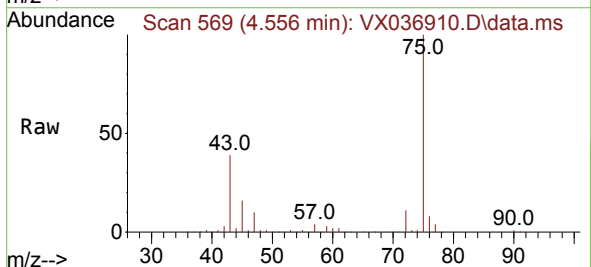


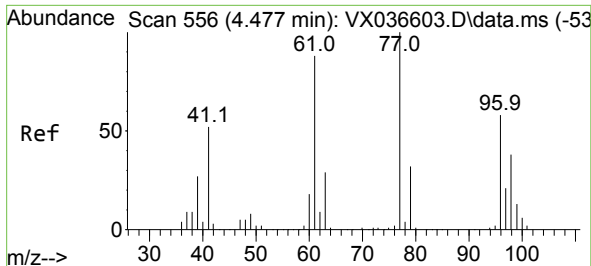
Tgt Ion: 45 Resp: 1396
Ion Ratio Lower Upper
45 100
43 164.9 69.7 104.5#
87 0.0 20.8 31.2#
59 782.2 9.0 13.4#



#25
2-Butanone
Concen: 213.140 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Tgt Ion: 43 Resp: 250270
Ion Ratio Lower Upper
43 100
72 27.3 19.4 29.2

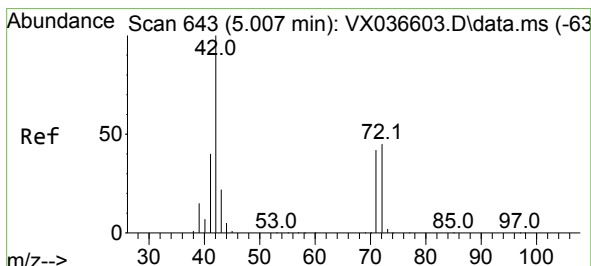
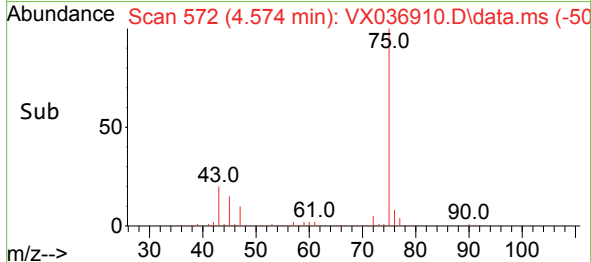
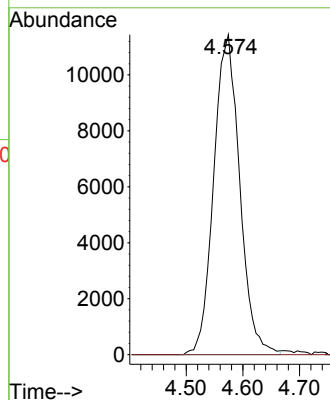
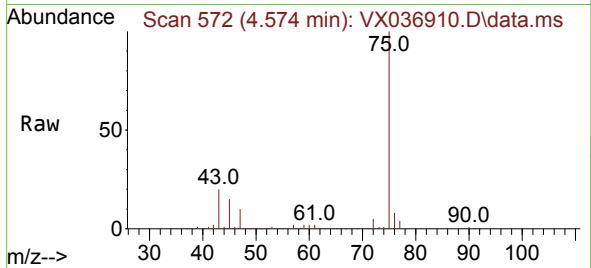




#26
2,2-Dichloropropane
Concen: 13.964 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.097 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

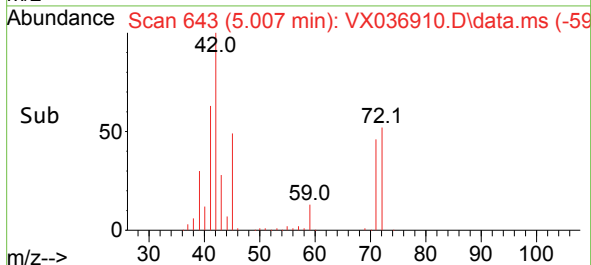
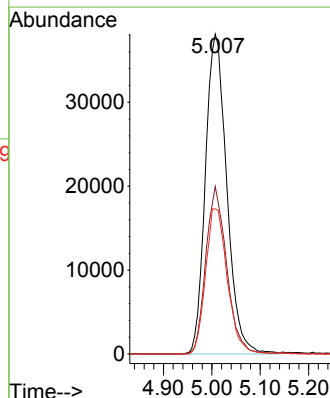
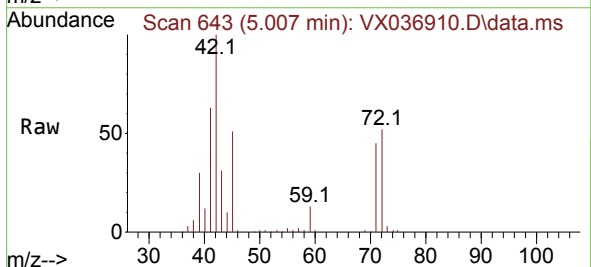
Instrument :
MSVOA_X
ClientSampleId :

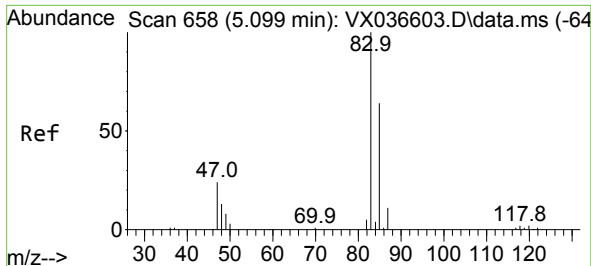
Tgt Ion: 77 Resp: 36404
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#29
Tetrahydrofuran
Concen: 154.884 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Tgt Ion: 42 Resp: 117252
Ion Ratio Lower Upper
42 100
72 50.8 34.2 51.4
71 46.2 32.2 48.2





#30

Chloroform

Concen: 0.211 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

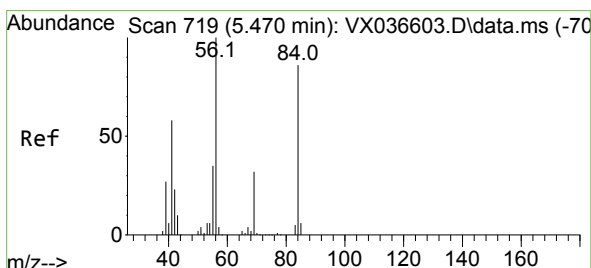
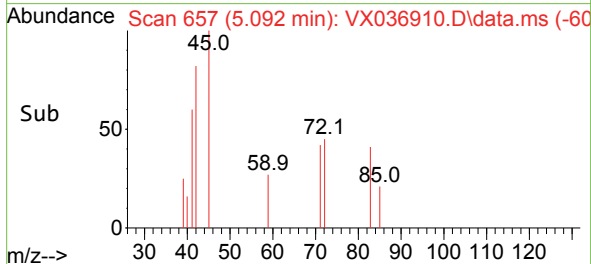
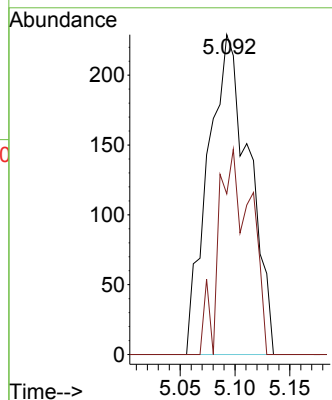
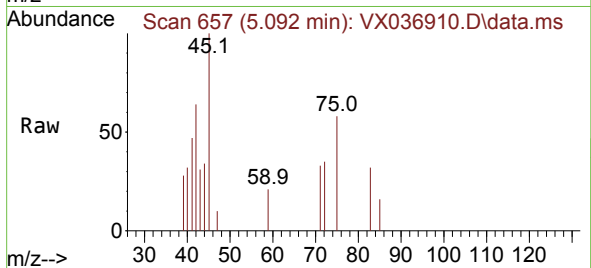
ClientSampleId :

Tgt Ion: 83 Resp: 596

Ion Ratio Lower Upper

83 100

85 50.2 50.3 75.5#



#31

Cyclohexane

Concen: 1.183 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

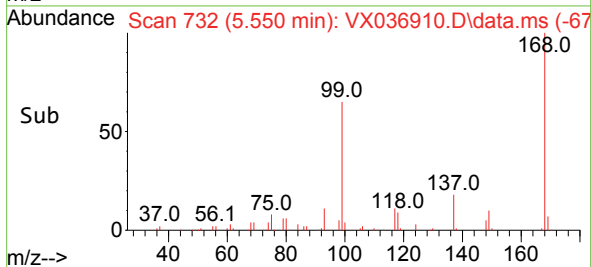
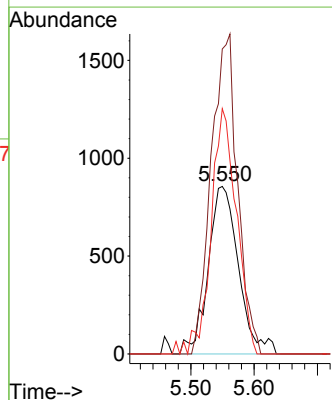
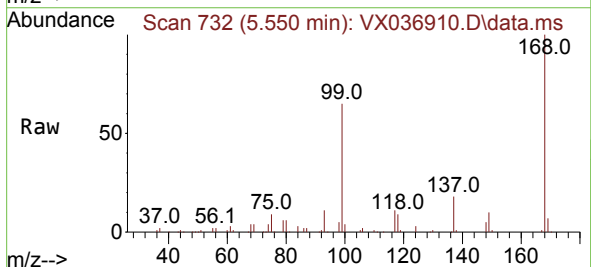
Tgt Ion: 56 Resp: 2857

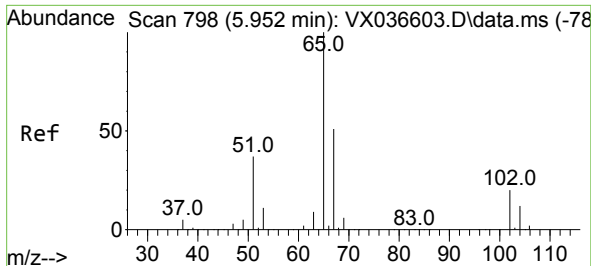
Ion Ratio Lower Upper

56 100

69 182.0 23.4 35.2#

84 146.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.989 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

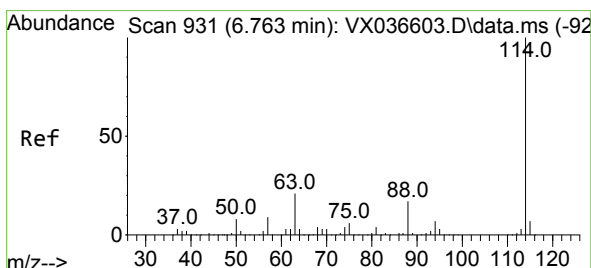
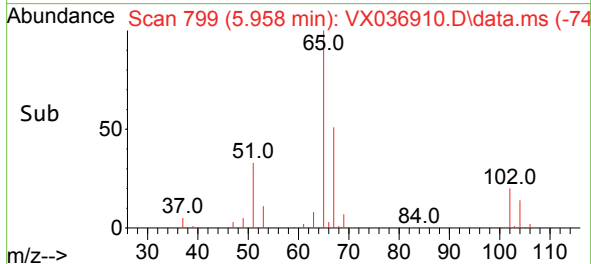
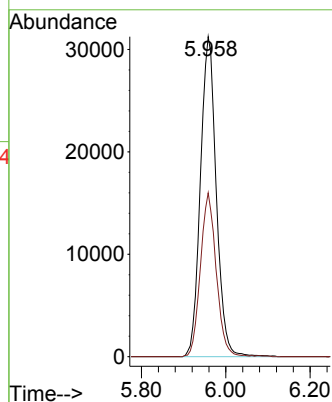
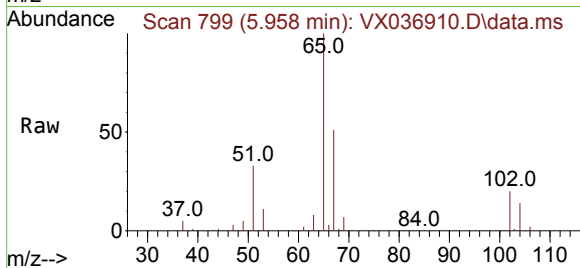
ClientSampleId :

Tgt Ion: 65 Resp: 81953

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

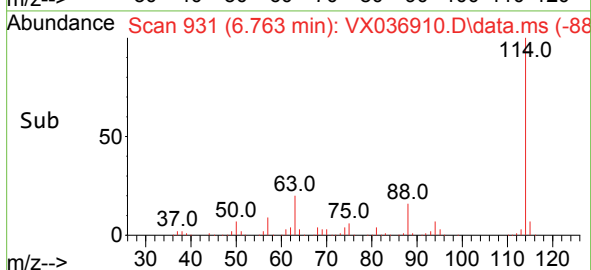
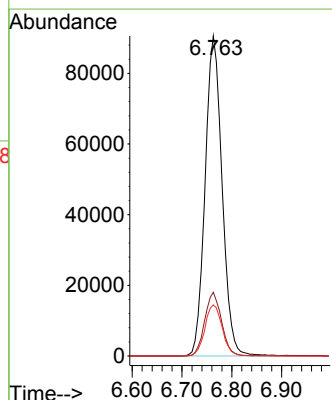
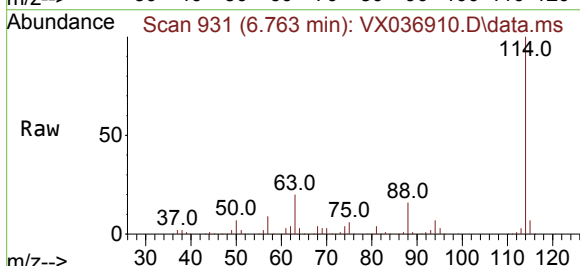
Tgt Ion: 114 Resp: 214358

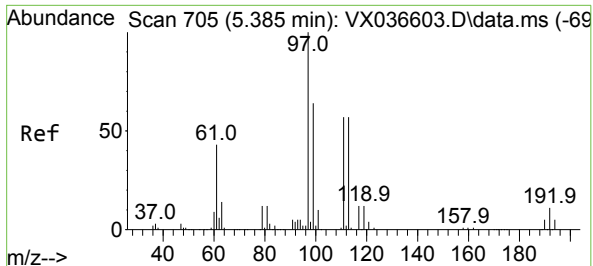
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

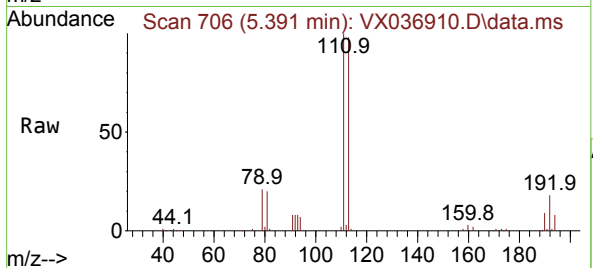
88 16.0 0.0 36.6



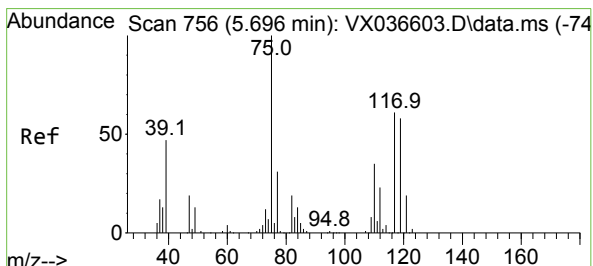
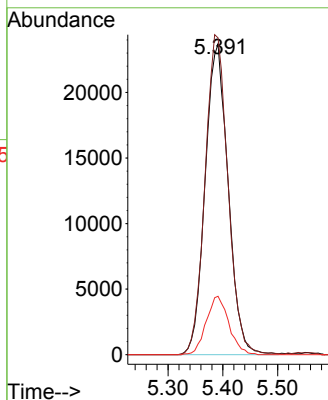
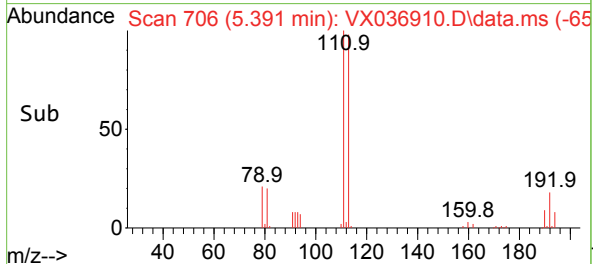


#35
Dibromofluoromethane
Concen: 46.869 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

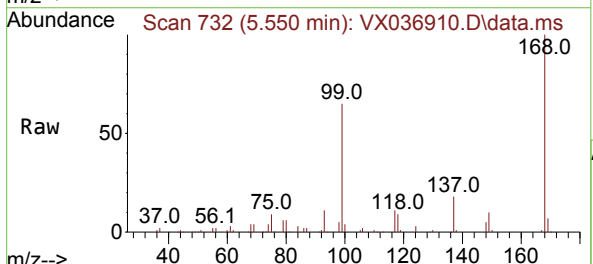
Instrument :
MSVOA_X
ClientSampleId :



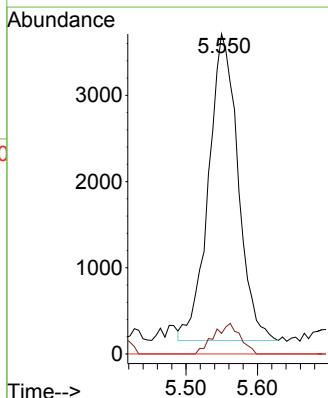
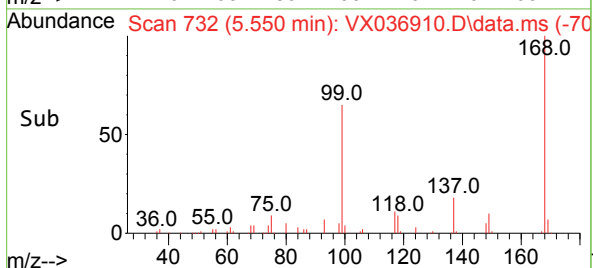
Tgt Ion:113 Resp: 69055
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.5 13.3 19.9

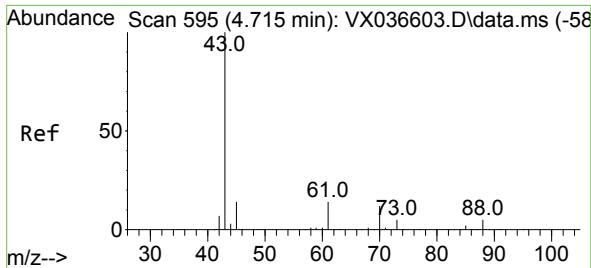


#36
1,1-Dichloropropene
Concen: 4.625 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07



Tgt Ion: 75 Resp: 10156
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 100.688 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.159 min

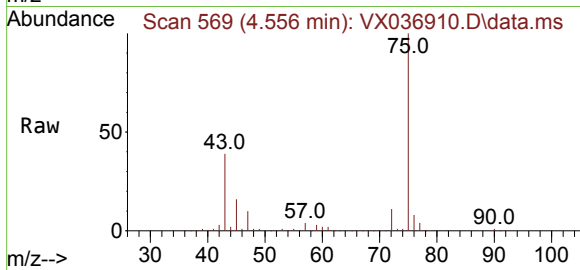
Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :



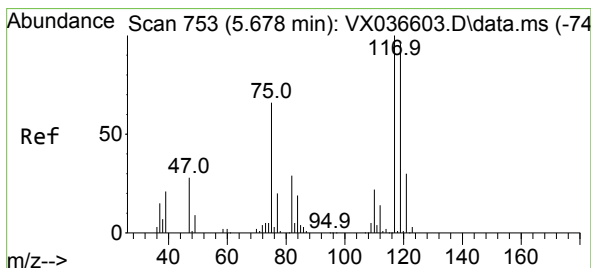
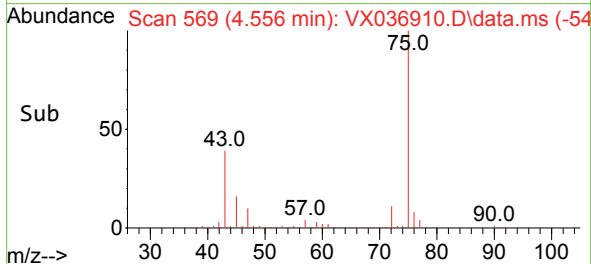
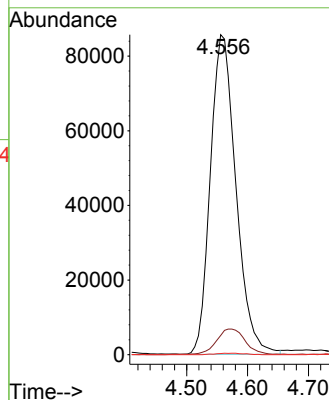
Tgt Ion: 43 Resp: 250270

Ion Ratio Lower Upper

43 100

61 9.2 10.6 16.0#

70 0.5 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.395 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

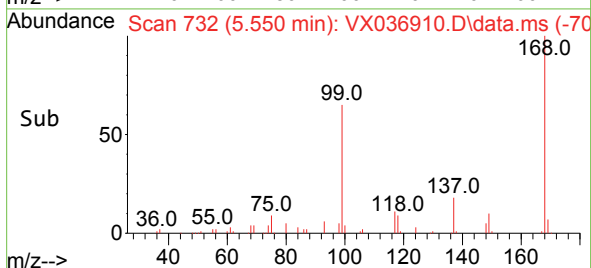
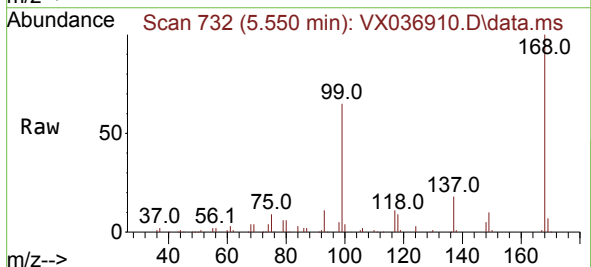
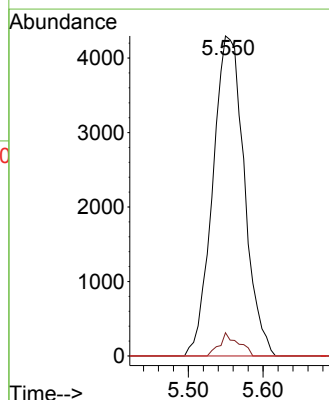
Tgt Ion: 117 Resp: 12595

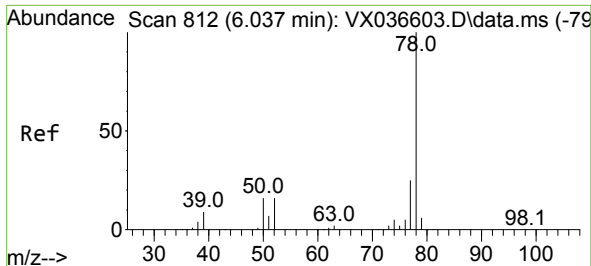
Ion Ratio Lower Upper

117 100

119 7.3 78.2 117.2#

121 0.0 24.4 36.6#





#40

Benzene

Concen: 0.621 ug/l

RT: 6.043 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

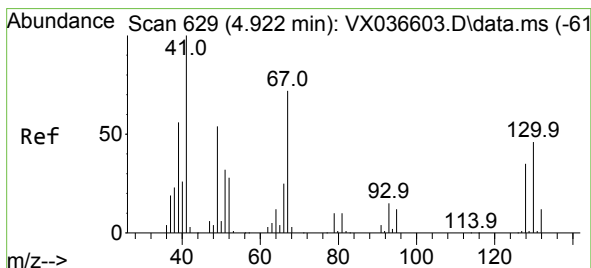
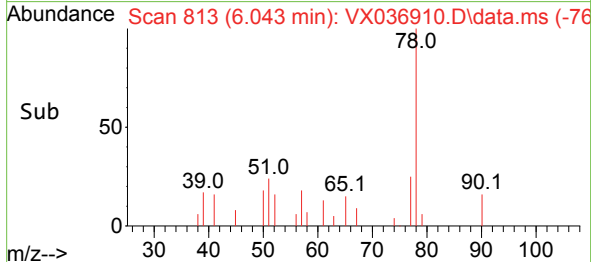
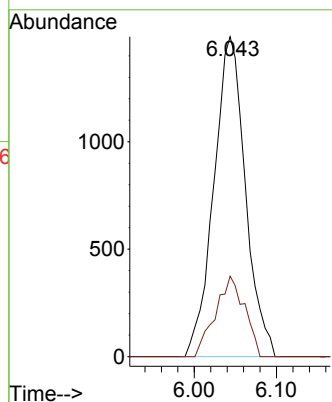
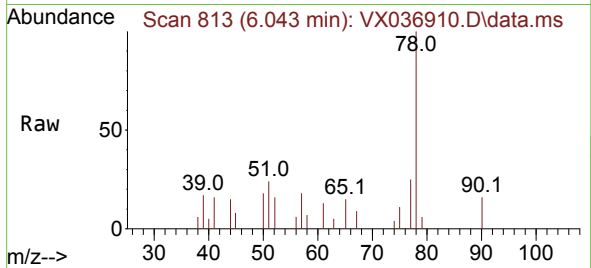
ClientSampleId :

Tgt Ion: 78 Resp: 3968

Ion Ratio Lower Upper

78 100

77 25.1 19.3 28.9



#41

Methacrylonitrile

Concen: 57.021 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.085 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Tgt Ion: 41 Resp: 75804

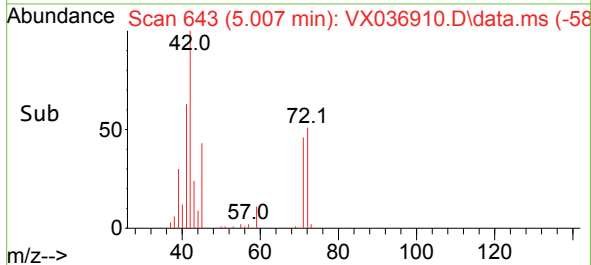
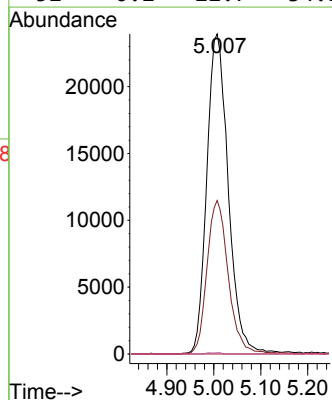
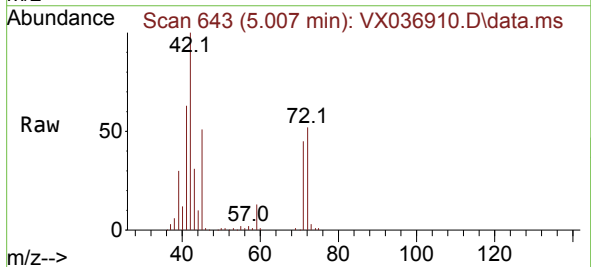
Ion Ratio Lower Upper

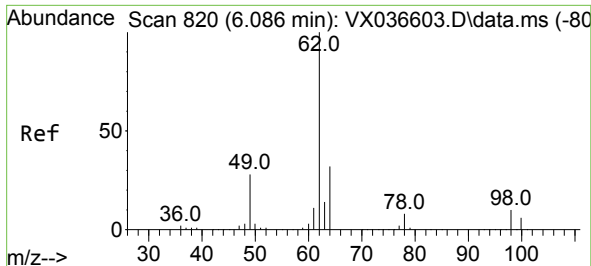
41 100

39 47.5 45.2 67.8

67 0.0 52.6 78.8#

52 0.2 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.329 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

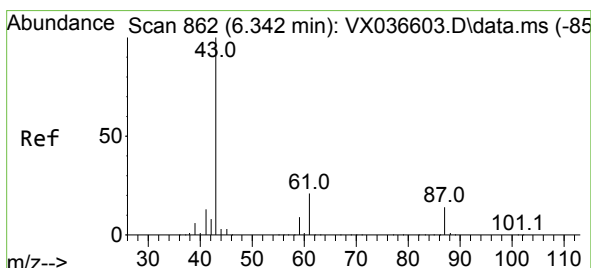
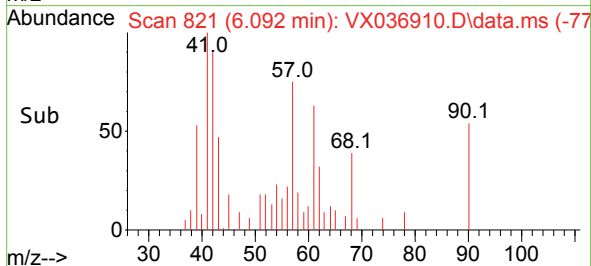
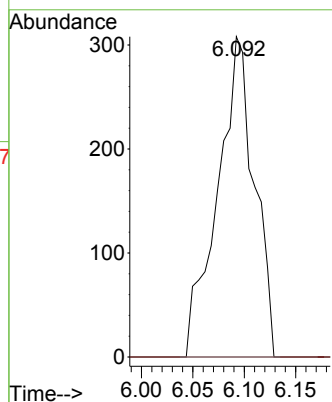
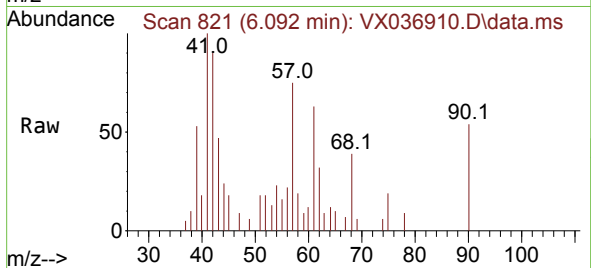
ClientSampleId :

Tgt Ion: 62 Resp: 768

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#43

Isopropyl Acetate

Concen: 0.348 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

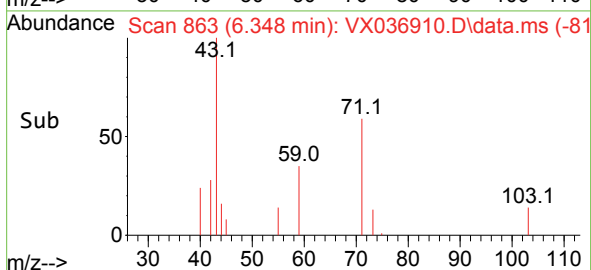
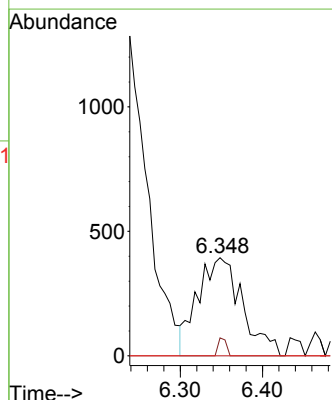
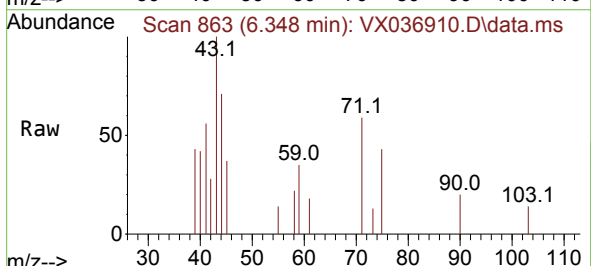
Tgt Ion: 43 Resp: 1487

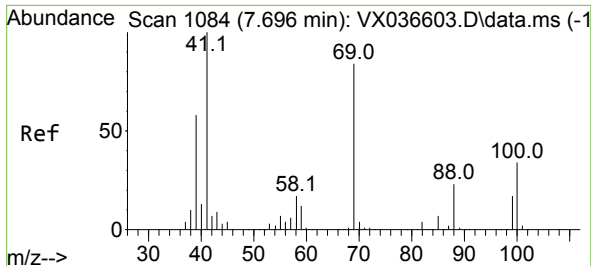
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#





#49

1,4-Dioxane

Concen: 56.222 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.024 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

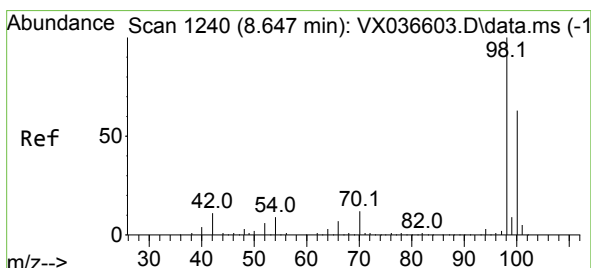
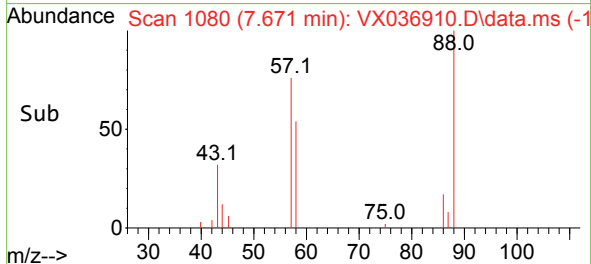
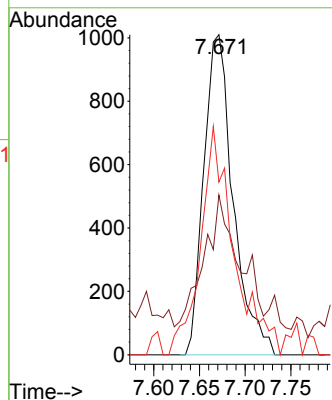
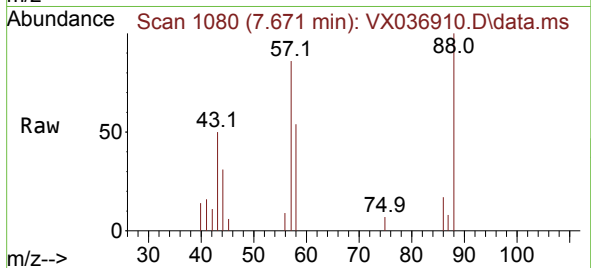
Tgt Ion: 88 Resp: 2260

Ion Ratio Lower Upper

88 100

43 48.2 0.0 0.0#

58 80.5 60.1 90.1



#50

Toluene-d8

Concen: 49.170 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036910.D

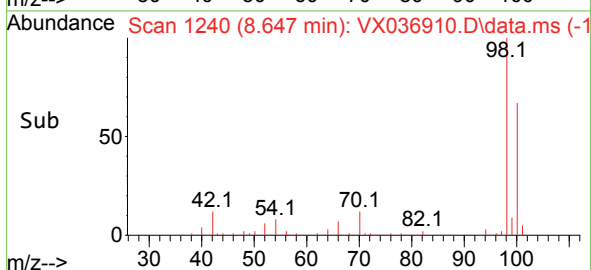
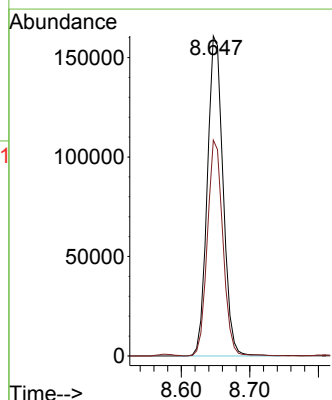
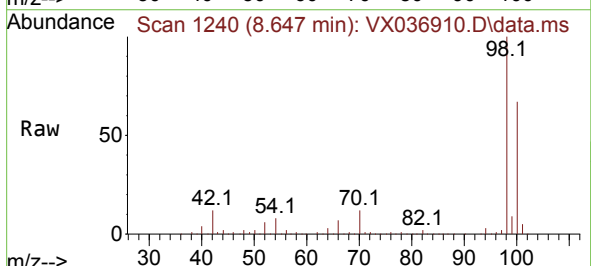
Acq: 10 Aug 2023 14:07

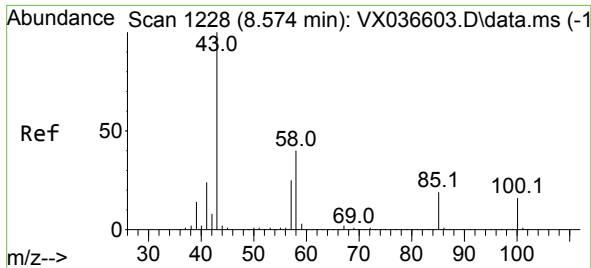
Tgt Ion: 98 Resp: 256908

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7

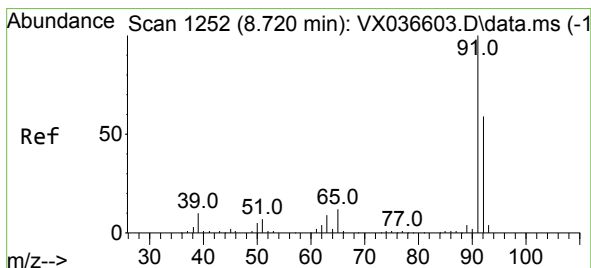
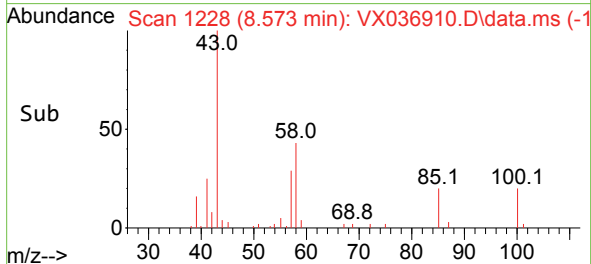
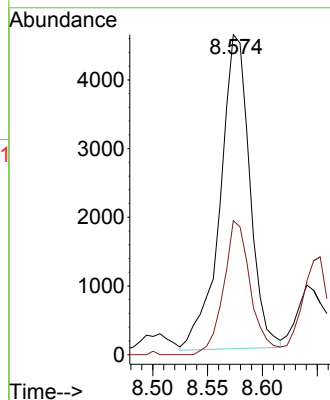
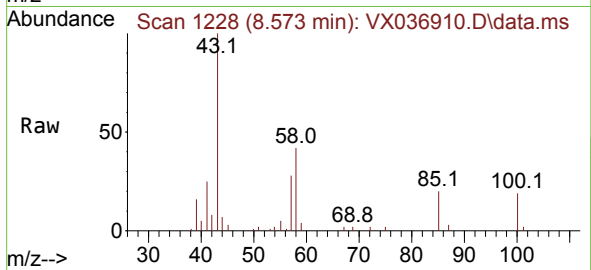




#51
4-Methyl-2-Pentanone
Concen: 3.633 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

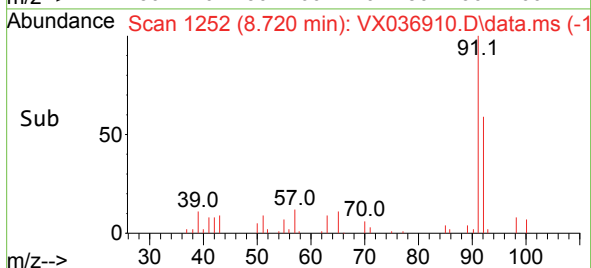
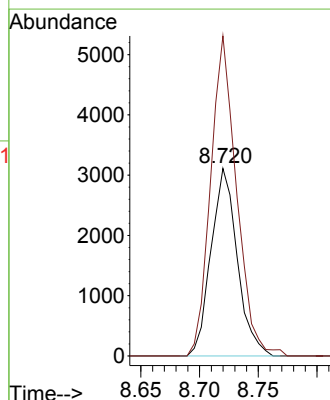
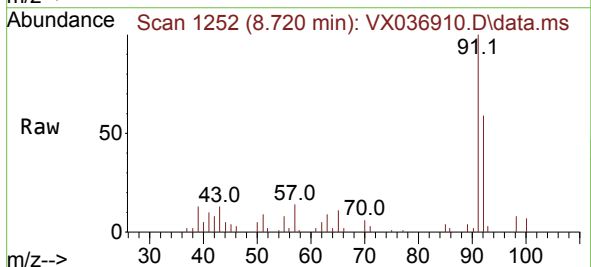
Instrument :
MSVOA_X
ClientSampleId :

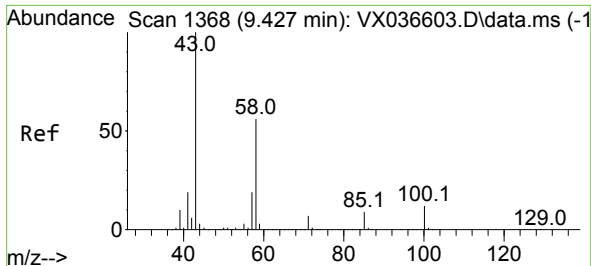
Tgt Ion: 43 Resp: 8603
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6



#52
Toluene
Concen: 1.210 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Tgt Ion: 92 Resp: 4844
Ion Ratio Lower Upper
92 100
91 168.4 134.2 201.2





#59

2-Hexanone

Concen: 0.944 ug/l

RT: 9.439 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

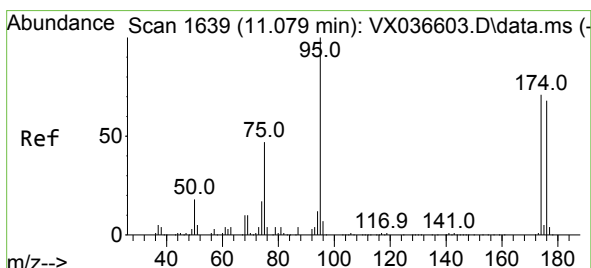
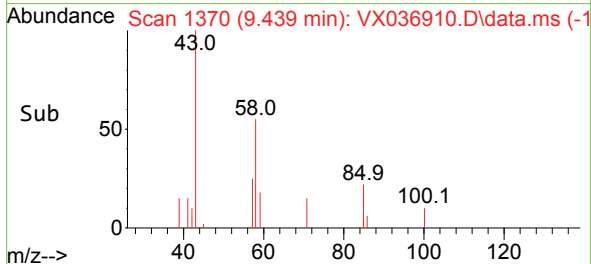
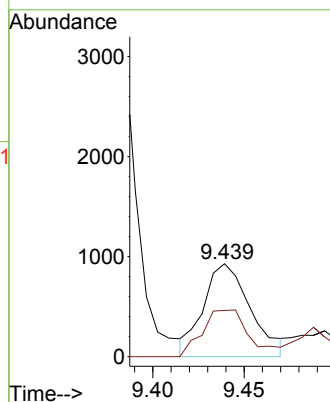
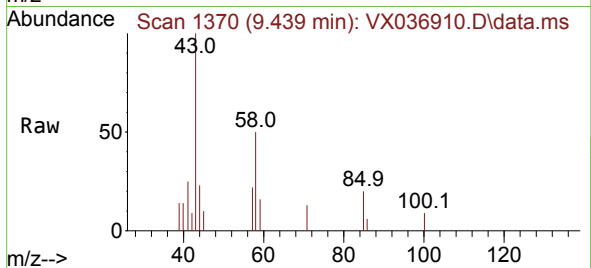
ClientSampleId :

Tgt Ion: 43 Resp: 1659

Ion Ratio Lower Upper

43 100

58 50.6 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 48.995 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

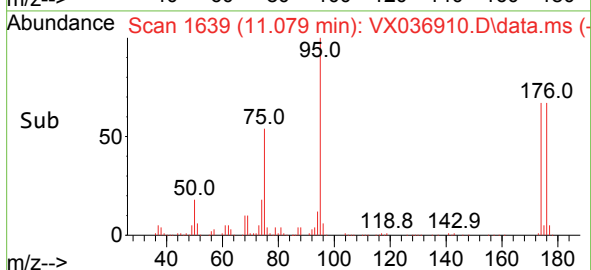
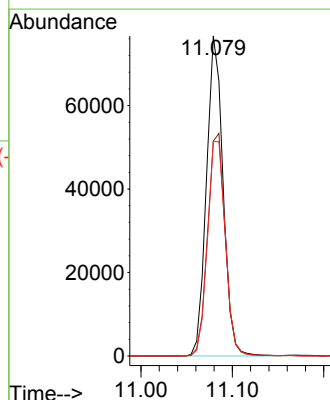
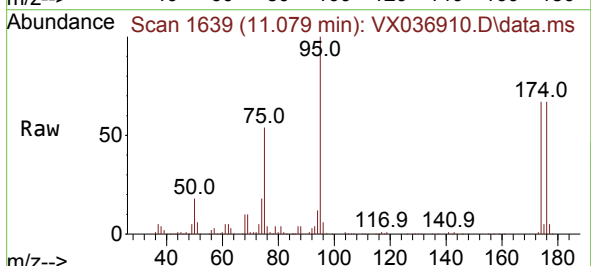
Tgt Ion: 95 Resp: 96582

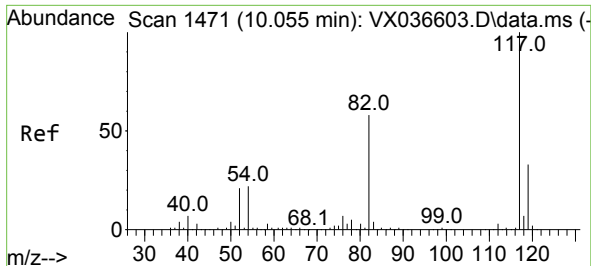
Ion Ratio Lower Upper

95 100

174 73.3 0.0 135.6

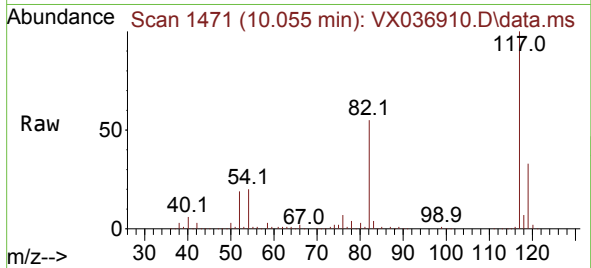
176 72.2 0.0 131.0



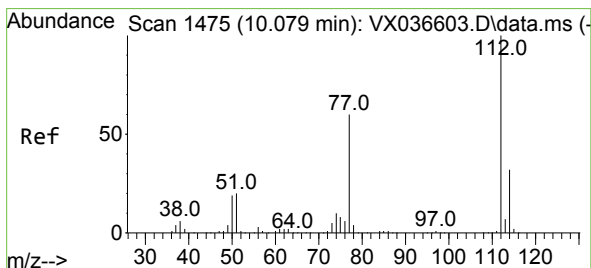
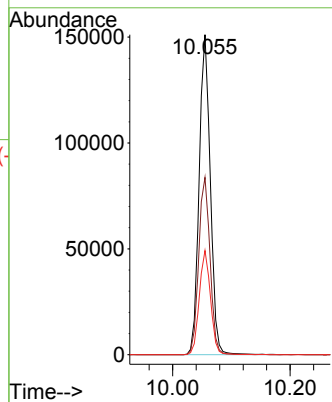
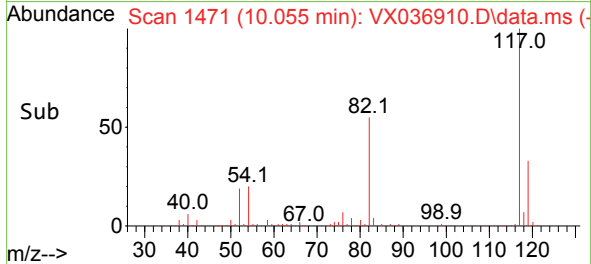


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

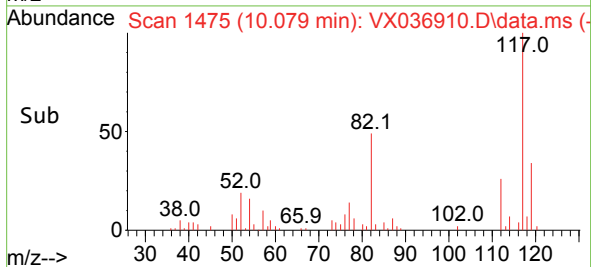
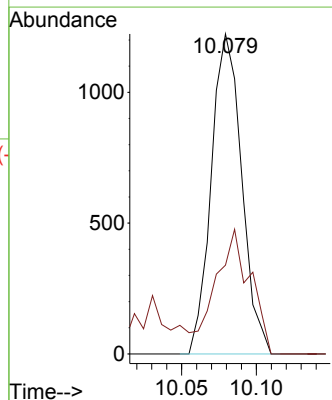
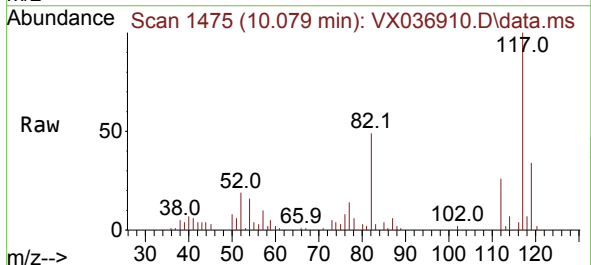


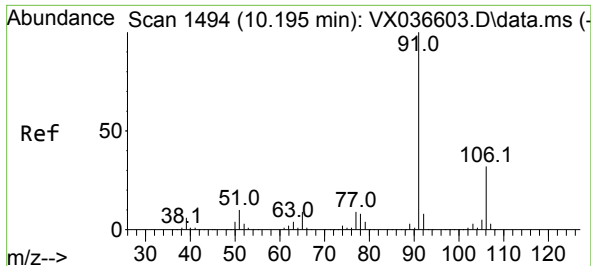
Tgt Ion:117 Resp: 199083
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.6 25.5 38.3



#65
Chlorobenzene
Concen: 0.394 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

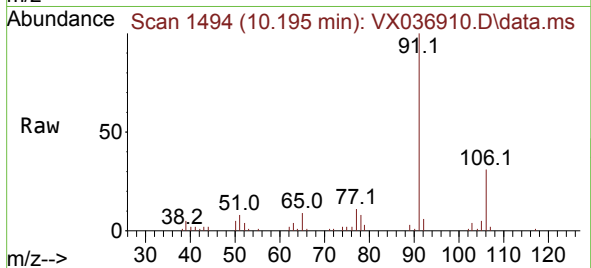
Tgt Ion:112 Resp: 1728
Ion Ratio Lower Upper
112 100
114 27.7 25.7 38.5



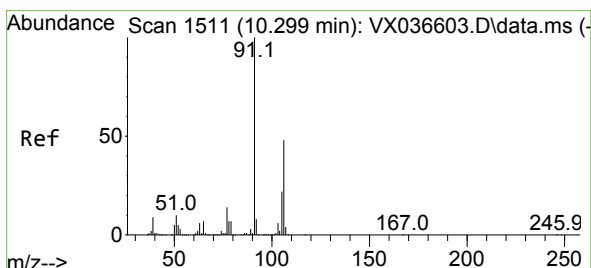
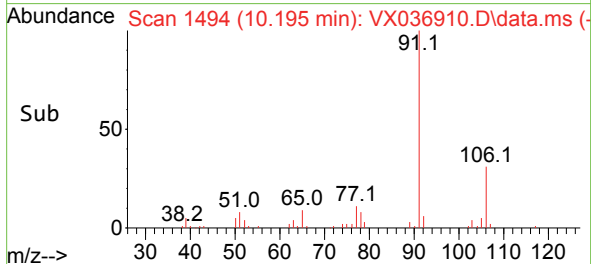
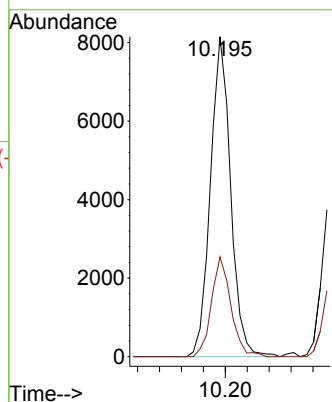


#67
Ethyl Benzene
Concen: 1.301 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :

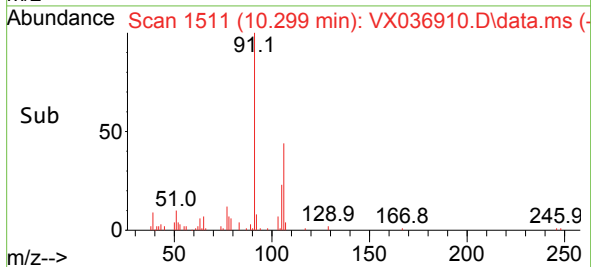
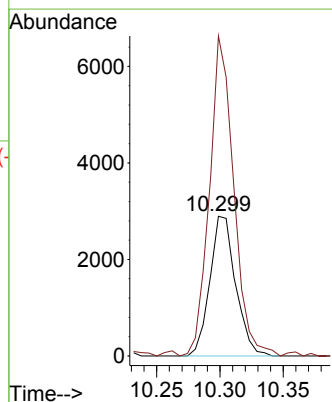
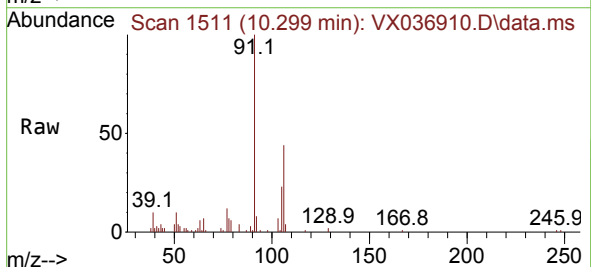


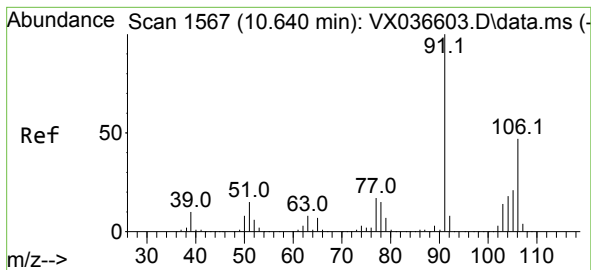
Tgt Ion: 91 Resp: 10429
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 1.373 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Tgt Ion: 106 Resp: 4108
Ion Ratio Lower Upper
106 100
91 217.0 165.5 248.3

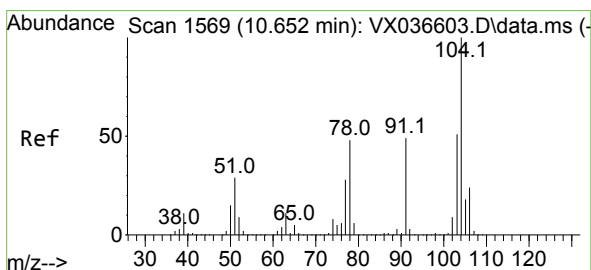
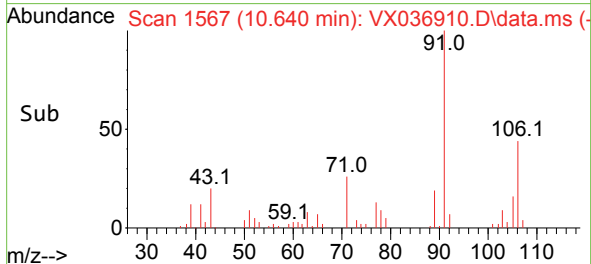
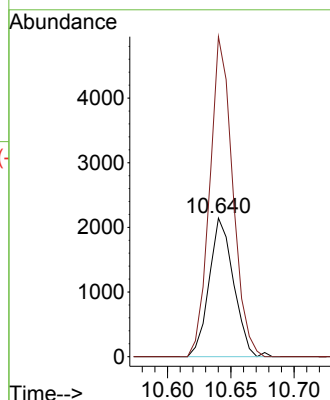
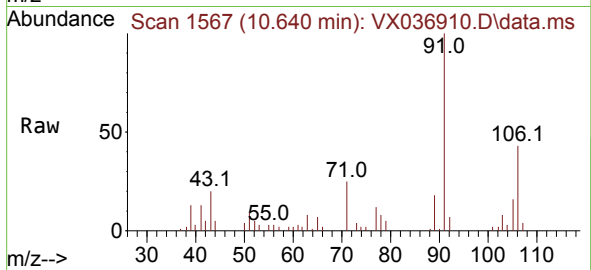




#69
o-Xylene
Concen: 0.963 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

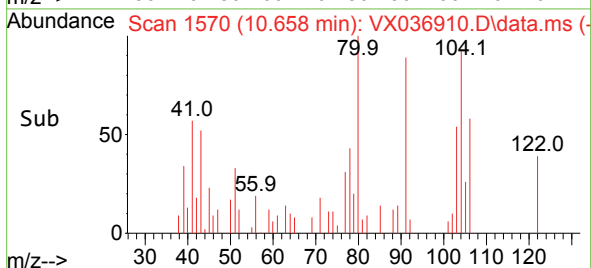
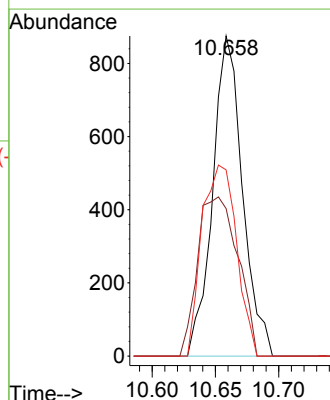
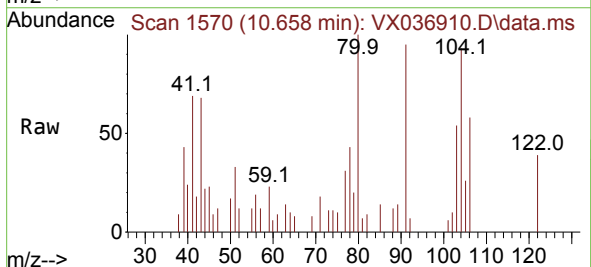
Instrument :
MSVOA_X
ClientSampleId :

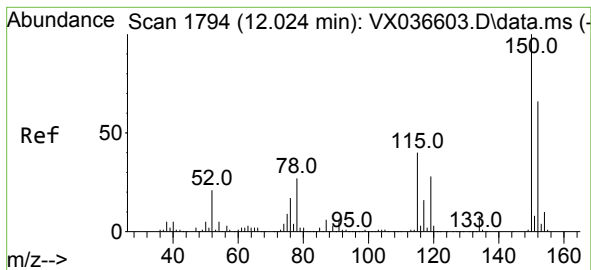
Tgt Ion:106 Resp: 2875
Ion Ratio Lower Upper
106 100
91 217.5 108.9 326.8



#70
Styrene
Concen: 0.292 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Tgt Ion:104 Resp: 1436
Ion Ratio Lower Upper
104 100
78 67.2 43.6 65.4#
103 69.2 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

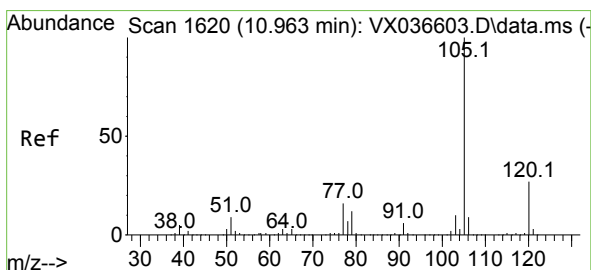
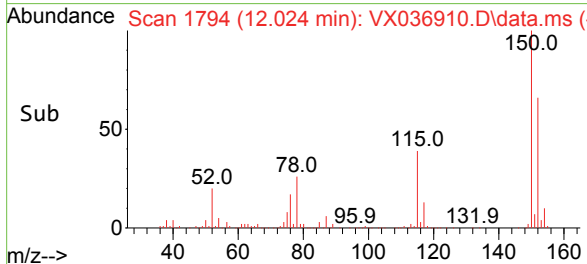
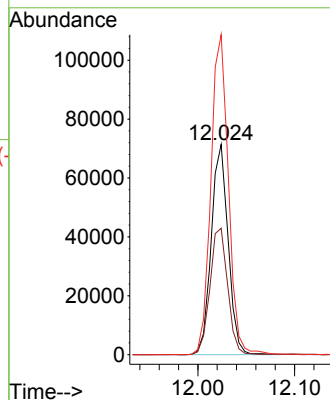
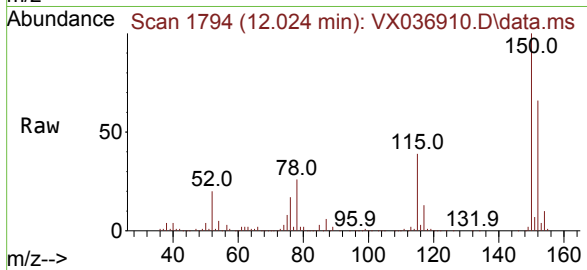
Tgt Ion:152 Resp: 86894

Ion Ratio Lower Upper

152 100

115 63.0 43.3 129.9

150 158.0 0.0 345.0



#73

Isopropylbenzene

Concen: 0.330 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX036910.D

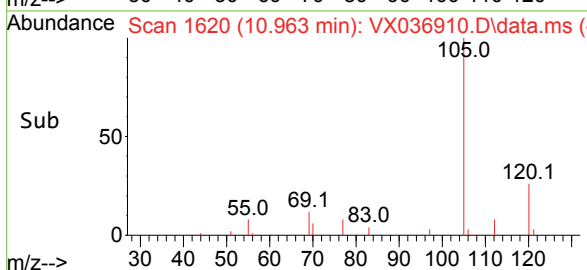
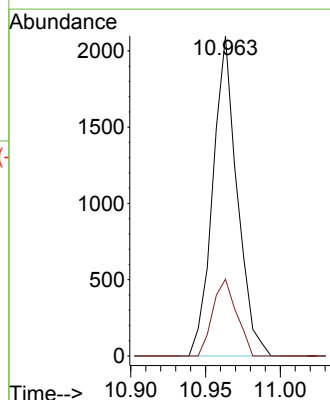
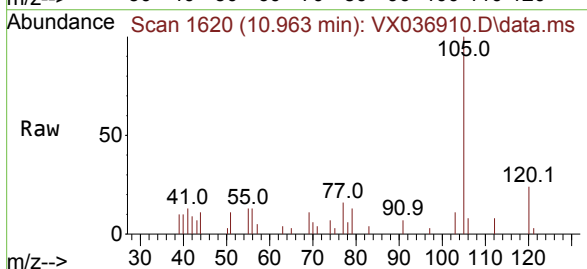
Acq: 10 Aug 2023 14:07

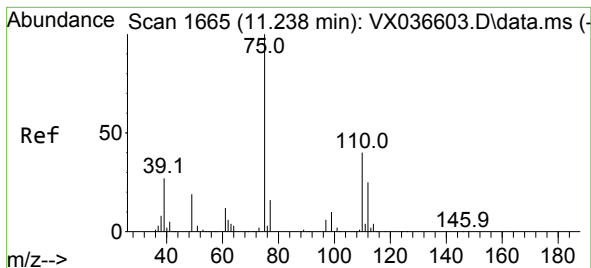
Tgt Ion:105 Resp: 2374

Ion Ratio Lower Upper

105 100

120 23.4 12.9 38.6





#76

1,2,3-Trichloropropane

Concen: 24.989 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

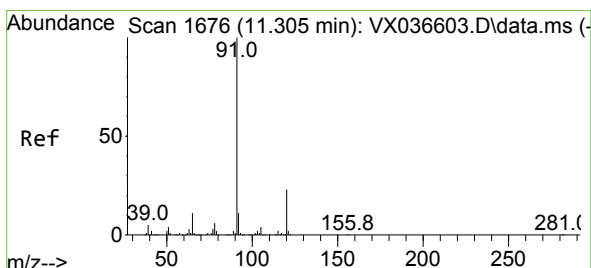
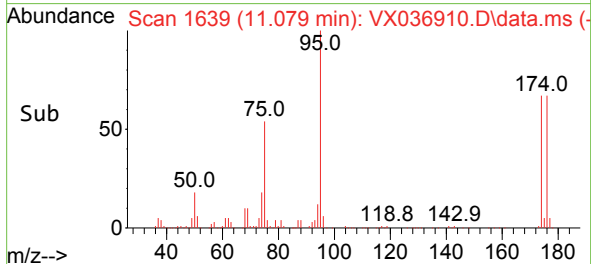
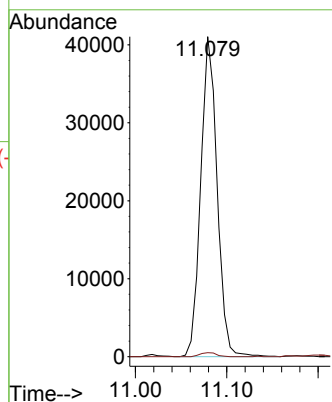
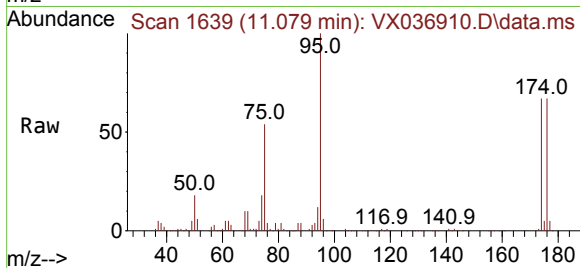
ClientSampleId :

Tgt Ion: 75 Resp: 51074

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#78

n-propylbenzene

Concen: 0.224 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036910.D

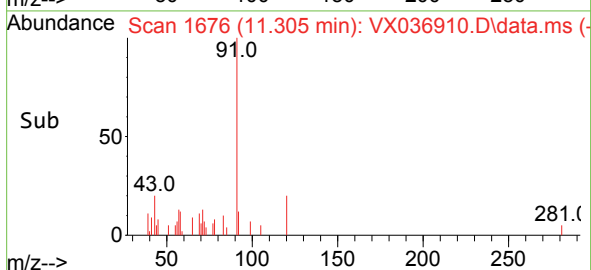
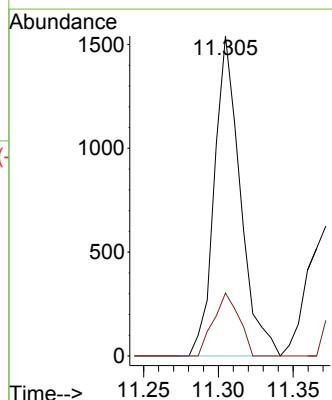
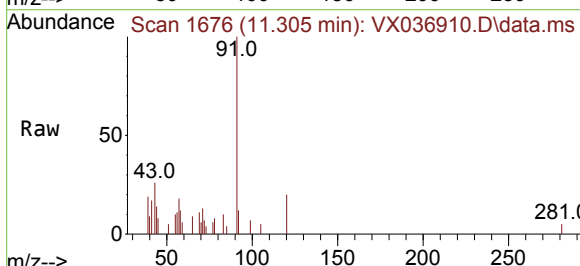
Acq: 10 Aug 2023 14:07

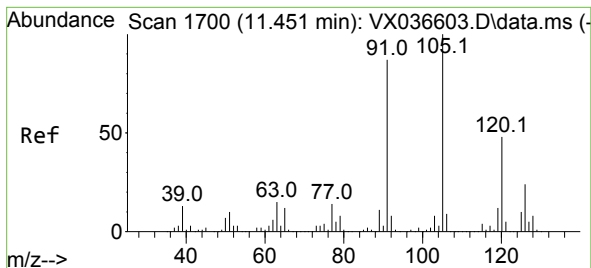
Tgt Ion: 91 Resp: 1859

Ion Ratio Lower Upper

91 100

120 19.3 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 0.258 ug/l

RT: 11.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

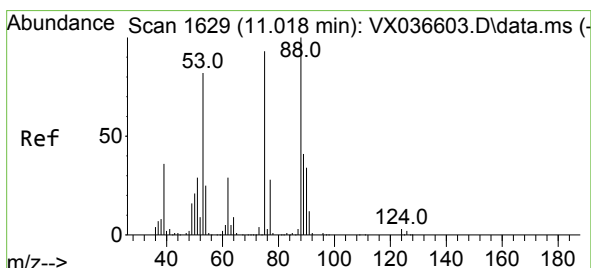
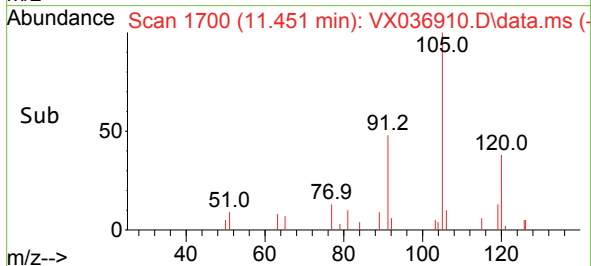
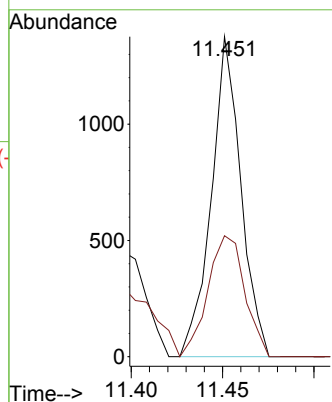
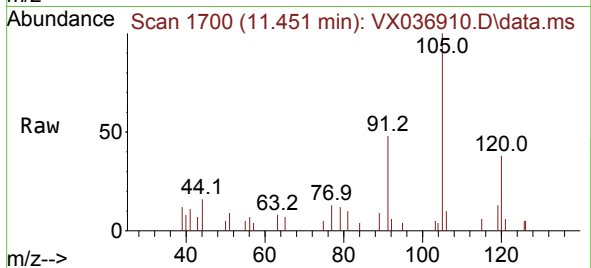
ClientSampleId :

Tgt Ion:105 Resp: 1550

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 56.640 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

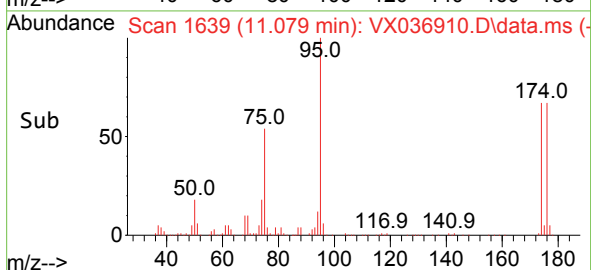
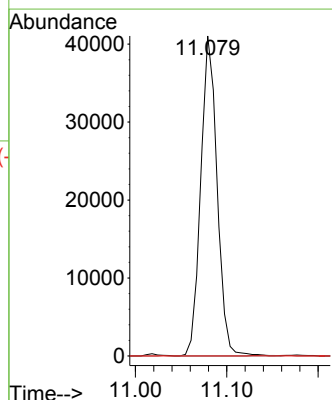
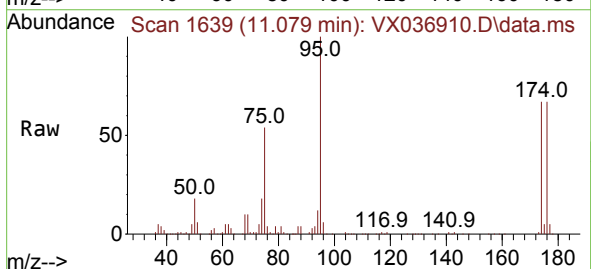
Tgt Ion: 75 Resp: 51074

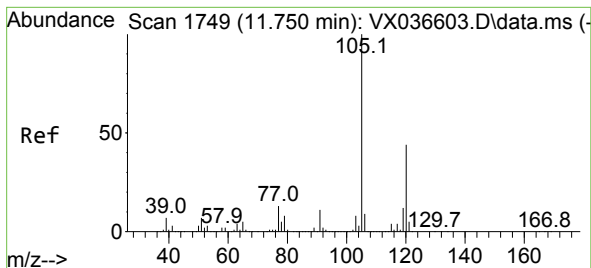
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.641 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

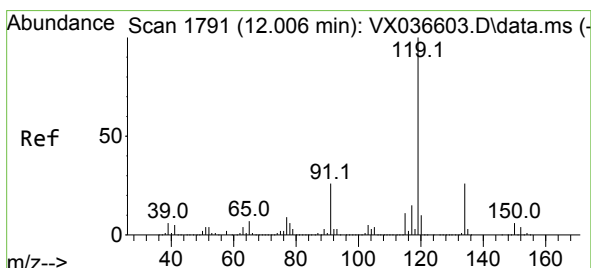
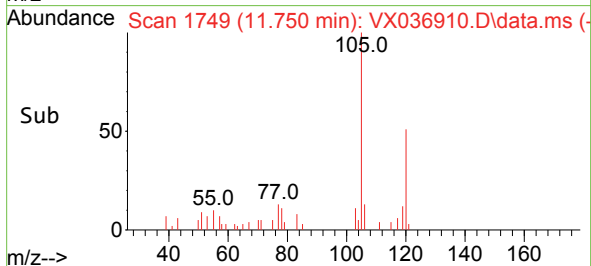
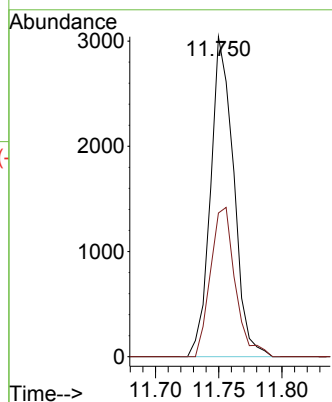
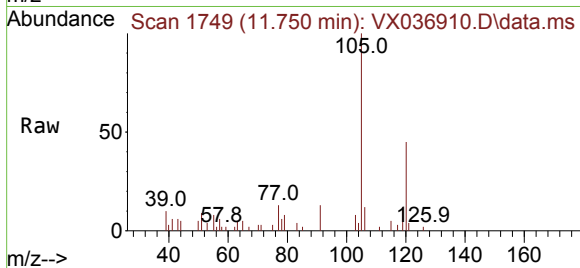
ClientSampleId :

Tgt Ion:105 Resp: 3858

Ion Ratio Lower Upper

105 100

120 50.1 21.2 63.6



#86

p-Isopropyltoluene

Concen: 0.624 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

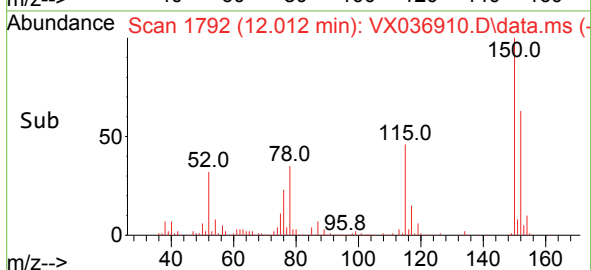
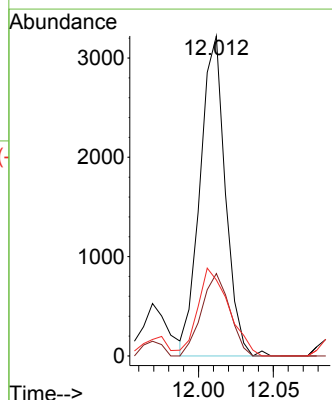
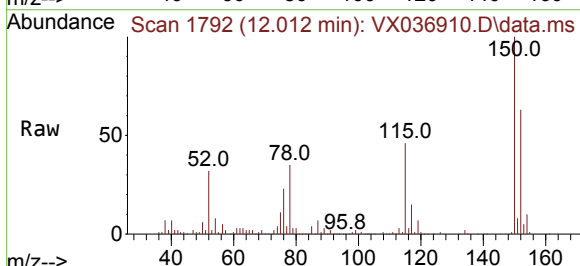
Tgt Ion:119 Resp: 3787

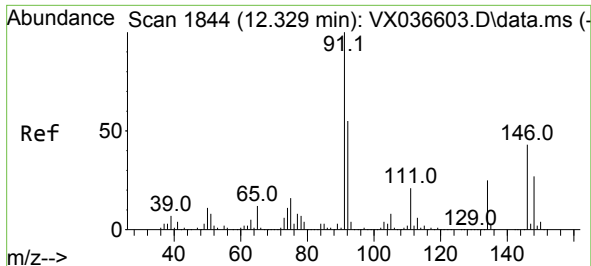
Ion Ratio Lower Upper

119 100

134 28.6 12.8 38.3

91 34.2 13.1 39.3

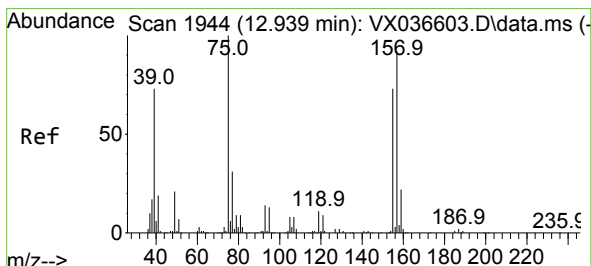
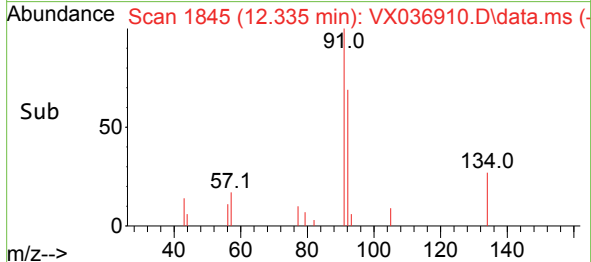
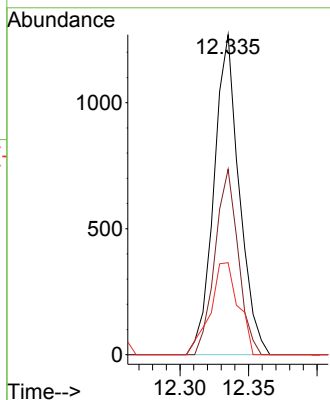
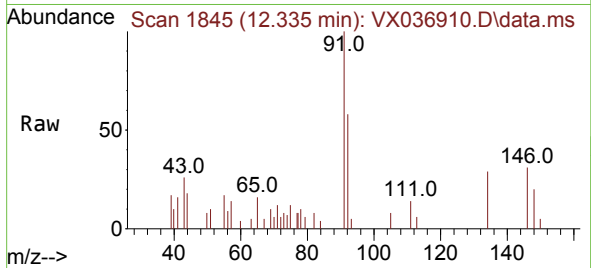




#89
n-Butylbenzene
Concen: 0.300 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

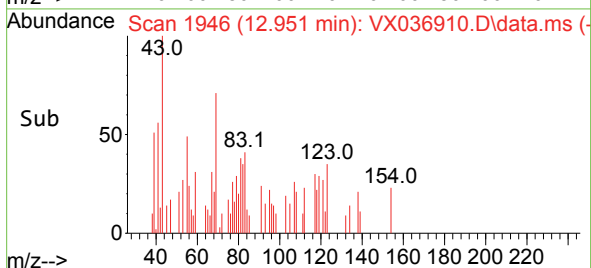
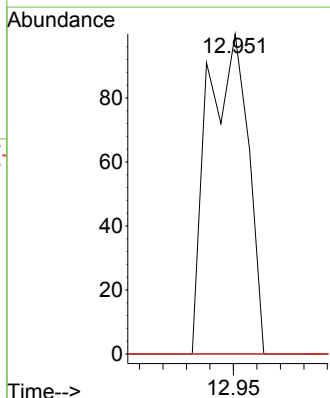
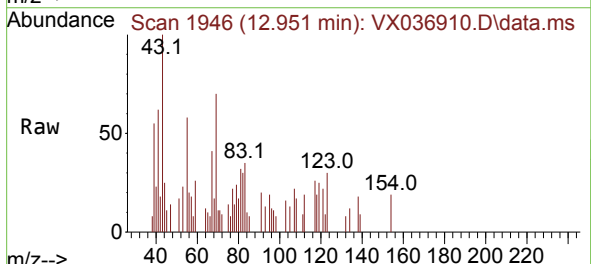
Instrument :
MSVOA_X
ClientSampleId :

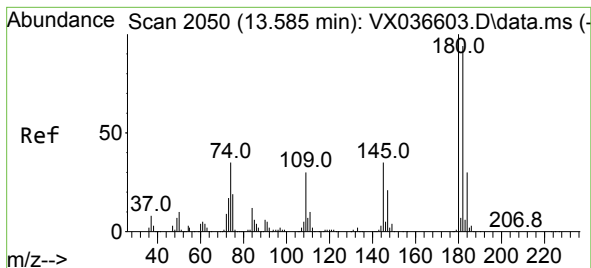
Tgt Ion: 91 Resp: 1631
Ion Ratio Lower Upper
91 100
92 53.0 27.4 82.0
134 31.8 12.6 37.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.213 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.012 min
Lab File: VX036910.D
Acq: 10 Aug 2023 14:07

Tgt Ion: 75 Resp: 120
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: 0.399 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036910.D

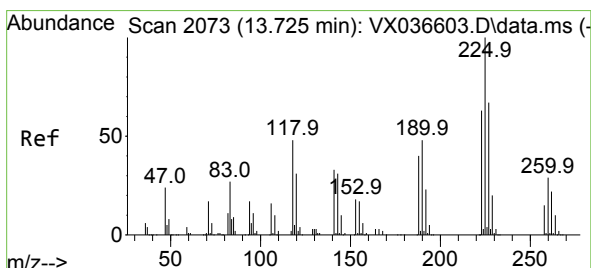
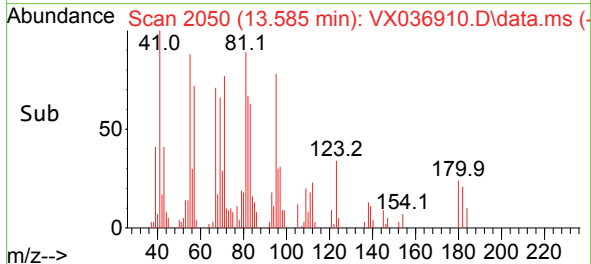
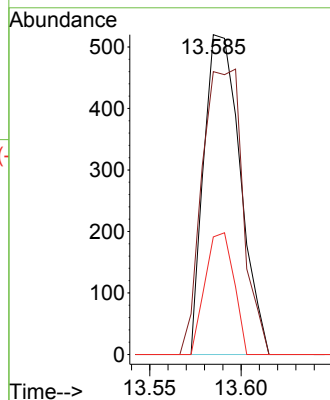
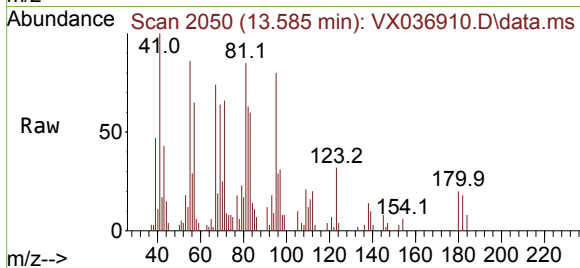
Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	720
Ion Ratio	Lower	Upper
180	100	
182	99.7	48.3 144.8
145	30.1	18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.663 ug/l

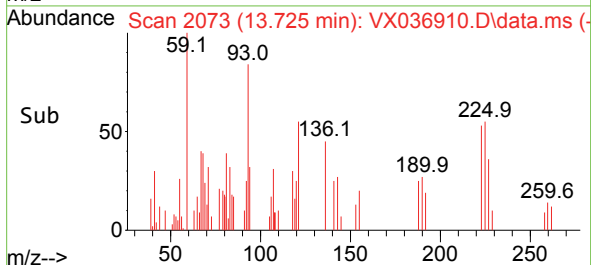
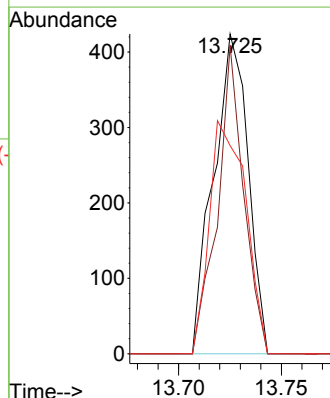
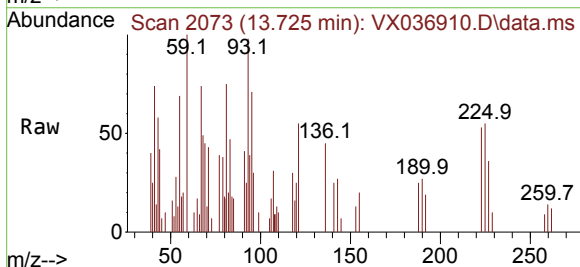
RT: 13.725 min Scan# 2073

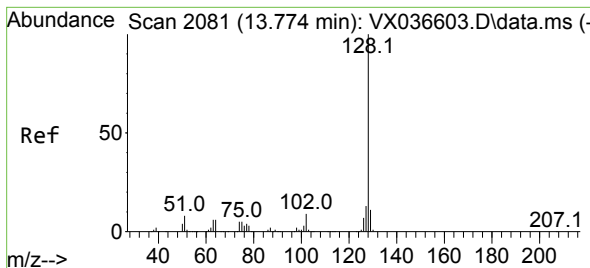
Delta R.T. -0.000 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Tgt Ion:225	Resp:	495
Ion Ratio	Lower	Upper
225	100	
223	72.9	31.1 93.2
227	76.6	32.5 97.5





#95

Naphthalene

Concen: 3.779 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX036910.D

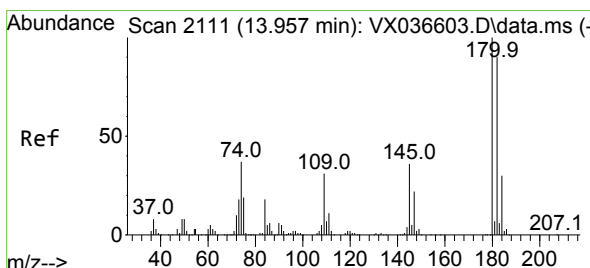
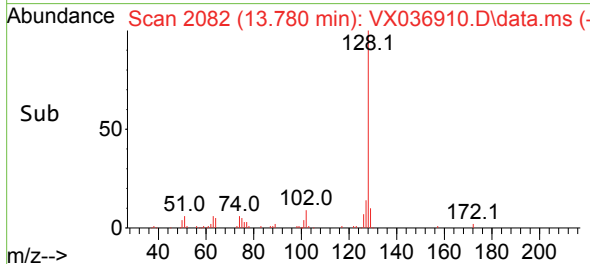
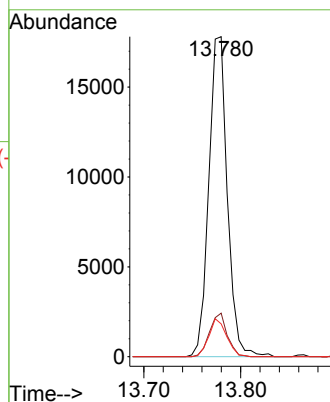
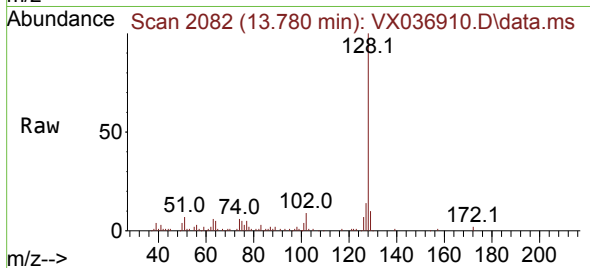
Acq: 10 Aug 2023 14:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	23746
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.3 15.5
129	11.4	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.418 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX036910.D

Acq: 10 Aug 2023 14:07

Tgt Ion:180	Resp:	743
Ion Ratio	Lower	Upper
180	100	
182	101.6	46.9 140.6
145	34.2	17.8 53.5

