

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042042.D
 Acq On : 25 Jun 2024 19:05
 Operator : JC/MD
 Sample : P3069-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 05:44:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	138679	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	210923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107083	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68876	43.071	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.140%
35) Dibromofluoromethane	5.385	113	67182	44.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.780%
50) Toluene-d8	8.647	98	249242	47.405	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.820%
62) 4-Bromofluorobenzene	11.079	95	94459	48.738	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.480%

Target Compounds			Qvalue			
3) Chloromethane	1.295	50	282	0.213	ug/l #	43
5) Bromomethane	1.599	94	443	0.675	ug/l #	58
6) Chloroethane	1.660	64	263	Below Cal	#	76
9) 1,1,2-Trichlorotrifluo...	2.313	101	247	0.206	ug/l #	61
10) Methyl Iodide	2.441	142	372	0.250	ug/l #	60
11) Tert butyl alcohol	2.947	59	4908	16.172	ug/l #	78
12) 1,1-Dichloroethene	2.313	96	303	0.253	ug/l #	44
13) Acrolein	2.233	56	264	0.776	ug/l	99
15) Acrylonitrile	3.099	53	463	0.584	ug/l	92
16) Acetone	2.386	43	1366	1.945	ug/l	98
17) Carbon Disulfide	2.502	76	1647	0.675	ug/l #	75
18) Methyl Acetate	2.709	43	548	0.286	ug/l #	53
20) Methylene Chloride	2.788	84	1138	0.740	ug/l #	75
21) trans-1,2-Dichloroethene	3.093	96	431	0.355	ug/l #	76
25) 2-Butanone	4.617	43	229	0.210	ug/l #	51
36) 1,1-Dichloropropene	5.696	75	523	0.329	ug/l #	71
38) Carbon Tetrachloride	5.550	117	11492	6.545	ug/l #	15
44) Trichloroethene	7.141	130	505	0.351	ug/l	51
51) 4-Methyl-2-Pentanone	8.592	43	510	0.233	ug/l #	70
52) Toluene	8.732	92	785	0.230	ug/l	87
53) t-1,3-Dichloropropene	8.994	75	243	1.023	ug/l #	43
59) 2-Hexanone	9.458	43	400	0.239	ug/l	65
64) Tetrachloroethene	9.269	164	435	0.282	ug/l #	73
67) Ethyl Benzene	10.195	91	1803	0.261	ug/l #	88
68) m/p-Xylenes	10.305	106	1380	0.495	ug/l	91
70) Styrene	10.665	104	1029	0.222	ug/l #	79
76) 1,2,3-Trichloropropane	11.079	75	43009	22.124	ug/l #	39
77) Bromobenzene	11.201	156	454	0.234	ug/l	82
78) n-propylbenzene	11.305	91	1596	0.226	ug/l	97
79) 2-Chlorotoluene	11.366	91	1194	0.262	ug/l	92
80) 1,3,5-Trimethylbenzene	11.457	105	1149	0.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	43009	62.830	ug/l #	5
82) 4-Chlorotoluene	11.470	91	1465	0.291	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	1339	0.246	ug/l	88
86) p-Isopropyltoluene	12.012	119	1246	0.212	ug/l #	67
87) 1,3-Dichlorobenzene	11.976	146	1100	0.323	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
Data File : VX042042.D
Acq On : 25 Jun 2024 19:05
Operator : JC/MD
Sample : P3069-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 26 05:44:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

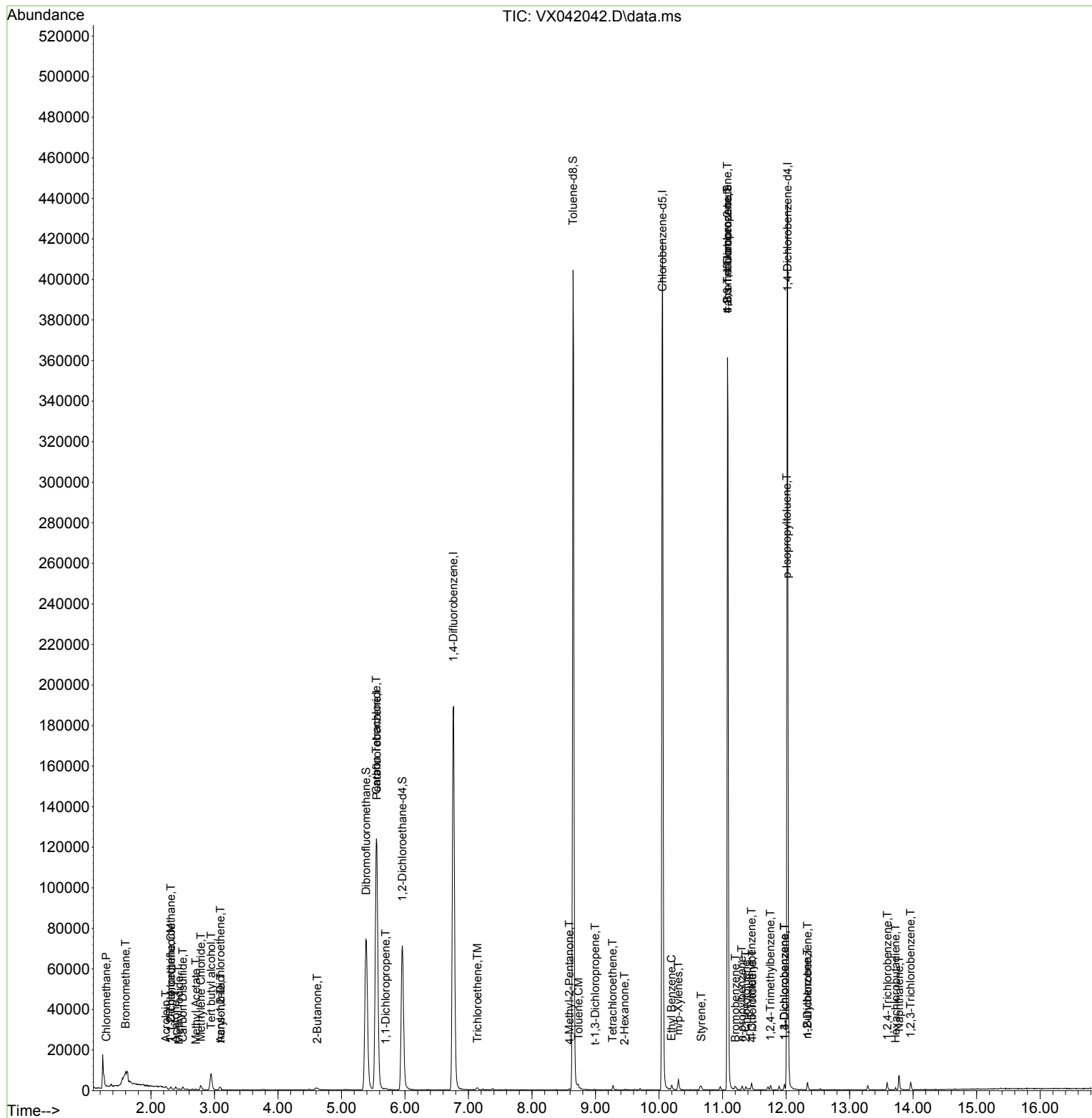
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	11.976	146	1100	0.315	ug/l	96
89) n-Butylbenzene	12.335	91	1234	0.273	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	894	0.256	ug/l	86
93) 1,2,4-Trichlorobenzene	13.597	180	1340	0.586	ug/l	91
94) Hexachlorobutadiene	13.725	225	315	0.273	ug/l	88
95) Naphthalene	13.780	128	5810	1.493	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1410	0.585	ug/l	93

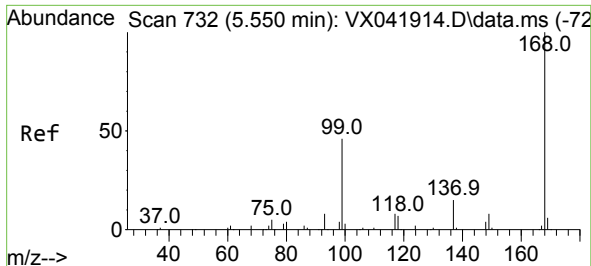
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042042.D
 Acq On : 25 Jun 2024 19:05
 Operator : JC/MD
 Sample : P3069-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 05:44:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

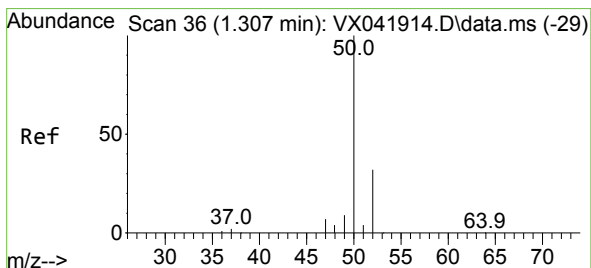
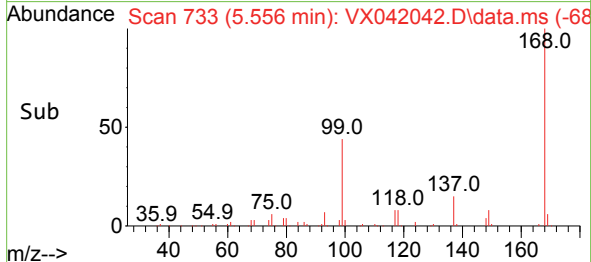
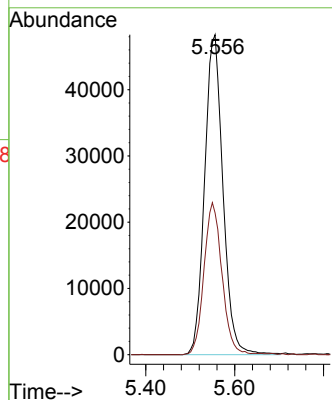
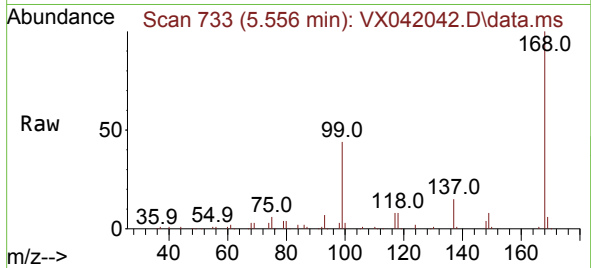




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

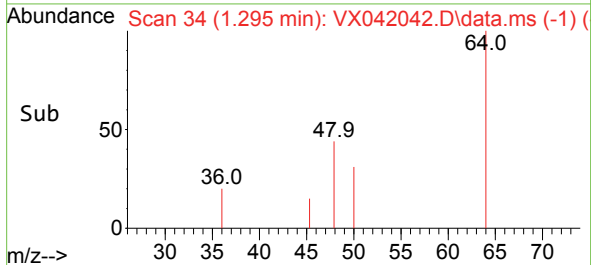
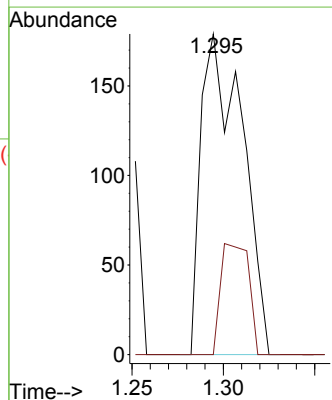
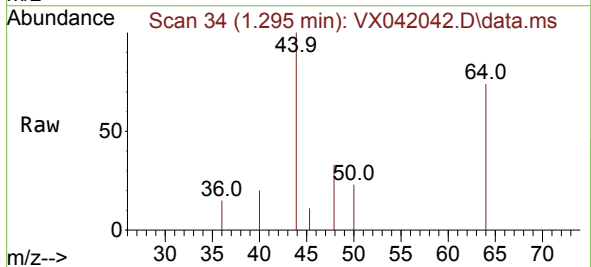
Instrument :
MSVOA_X
ClientSampleId :

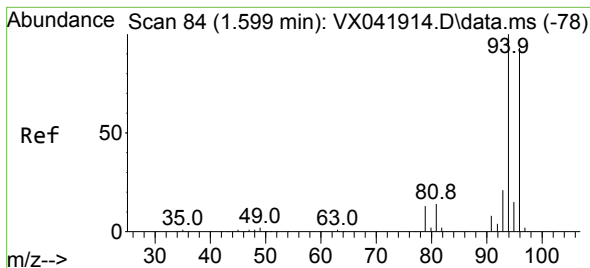
Tgt Ion:168 Resp: 138679
Ion Ratio Lower Upper
168 100
99 44.3 56.6 85.0#



#3
Chloromethane
Concen: 0.213 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

Tgt Ion: 50 Resp: 282
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#5

Bromomethane

Concen: 0.675 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

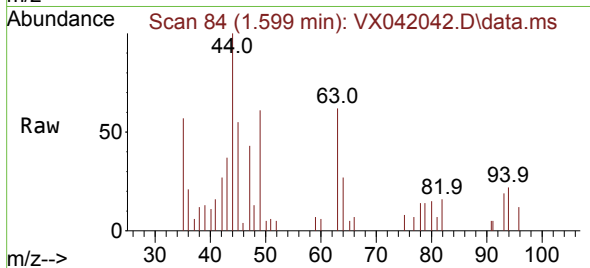
Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

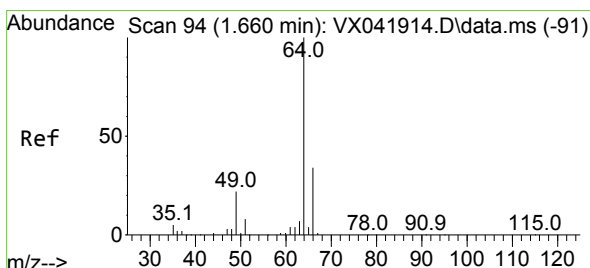
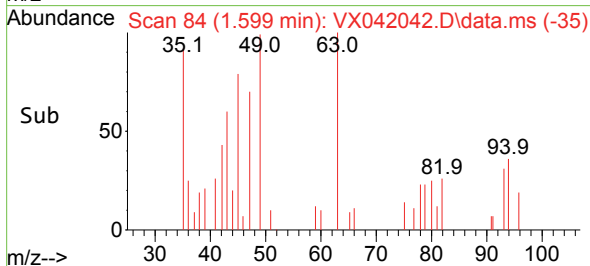
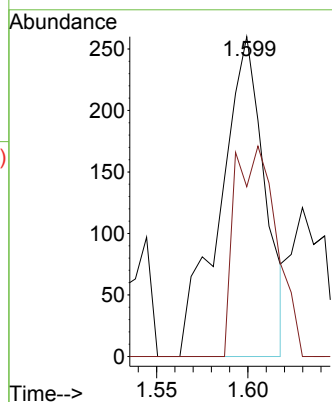


Tgt Ion: 94 Resp: 443

Ion Ratio Lower Upper

94 100

96 53.1 74.6 111.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.660 min Scan# 94

Delta R.T. 0.000 min

Lab File: VX042042.D

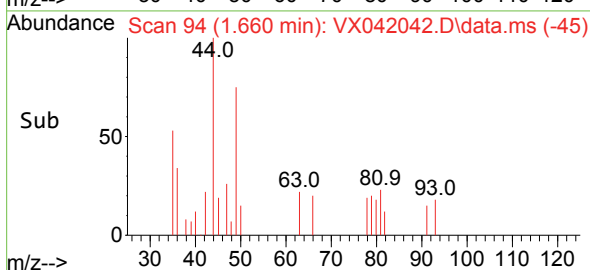
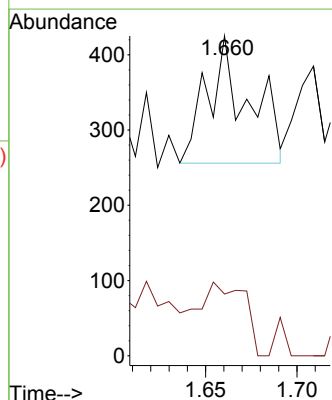
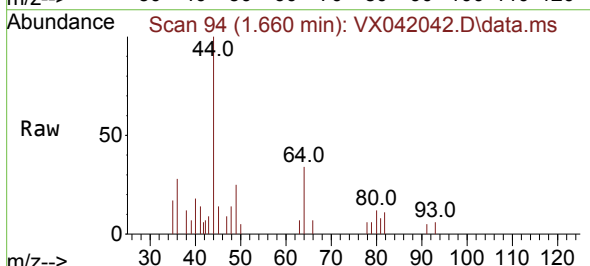
Acq: 25 Jun 2024 19:05

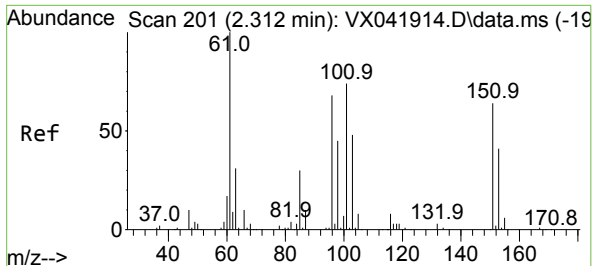
Tgt Ion: 64 Resp: 263

Ion Ratio Lower Upper

64 100

66 18.3 25.1 37.7#

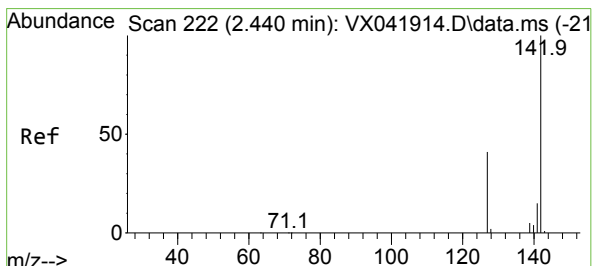
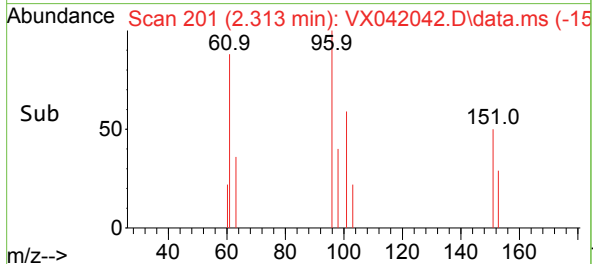
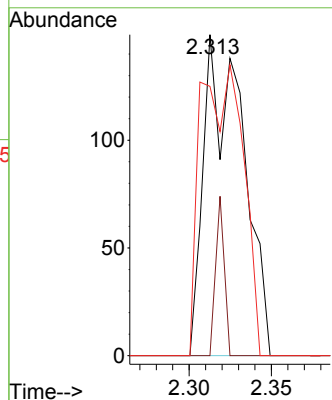
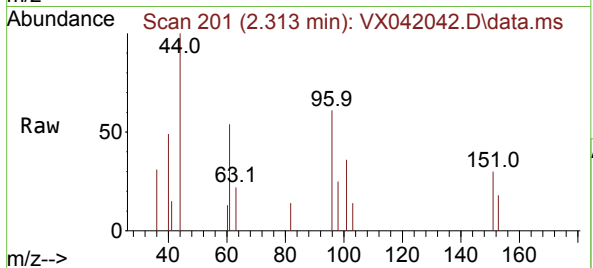




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.206 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

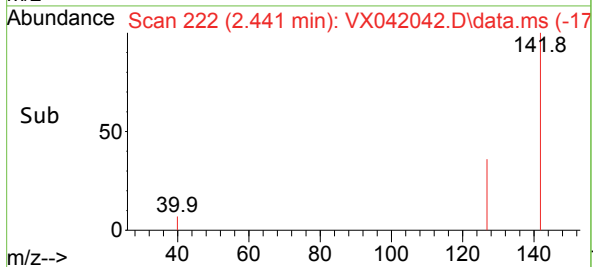
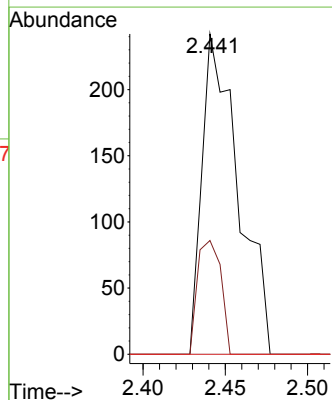
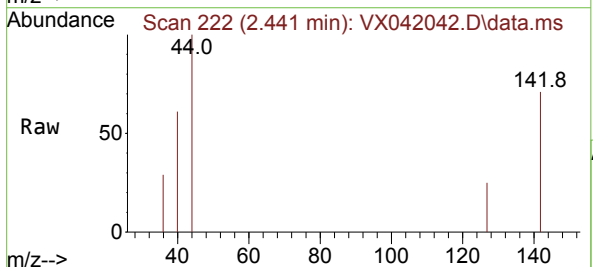
Instrument :
MSVOA_X
ClientSampleId :

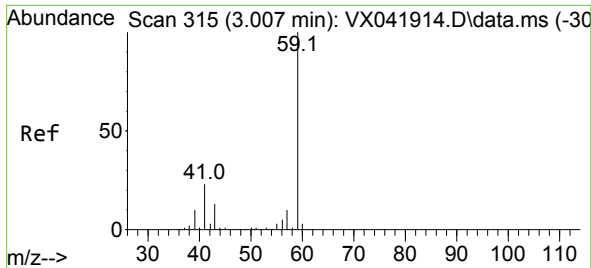
Tgt Ion:101 Resp: 247
Ion Ratio Lower Upper
101 100
85 10.9 37.0 55.6#
151 98.4 58.6 87.8#



#10
Methyl Iodide
Concen: 0.250 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

Tgt Ion:142 Resp: 372
Ion Ratio Lower Upper
142 100
127 22.8 41.6 62.4#
141 0.0 11.6 17.4#

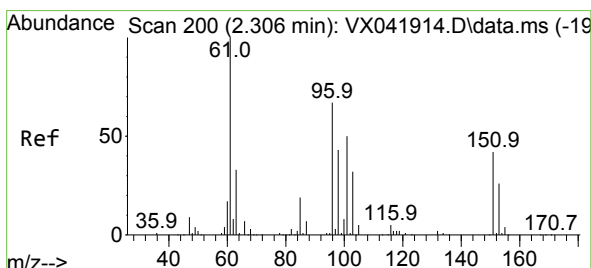
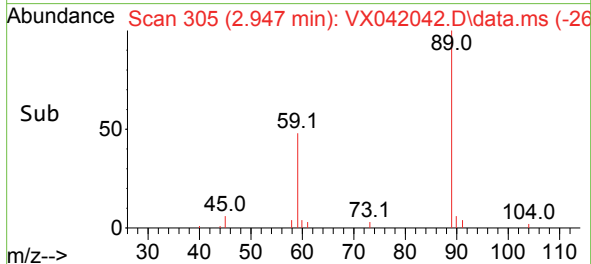
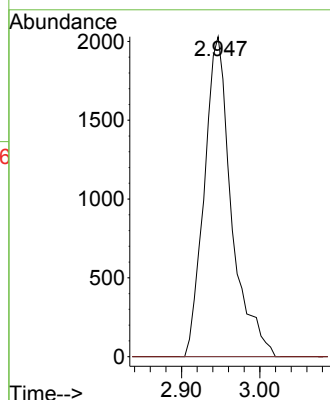
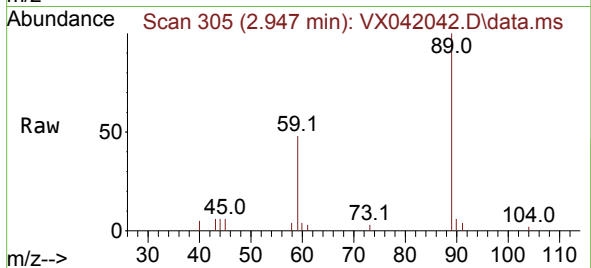




#11
Tert butyl alcohol
Concen: 16.172 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

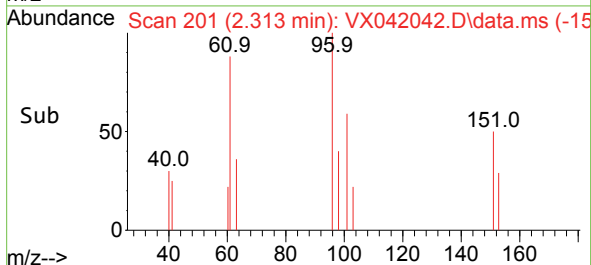
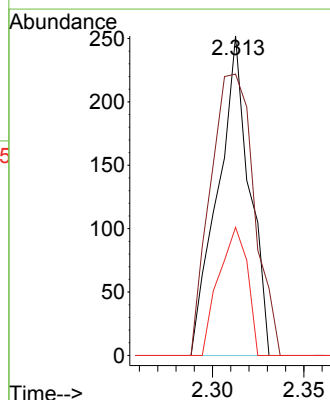
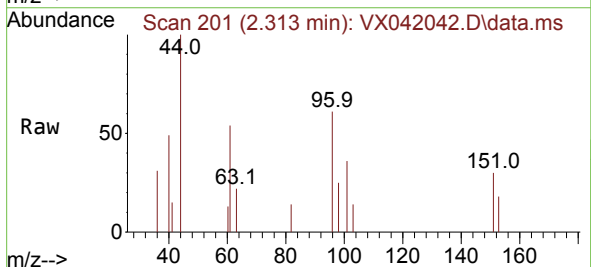
Instrument :
MSVOA_X
ClientSampleId :

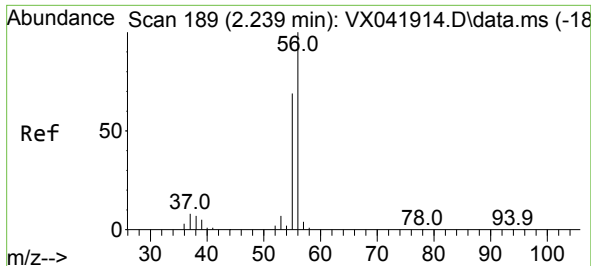
Tgt Ion: 59 Resp: 4908
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.253 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

Tgt Ion: 96 Resp: 303
Ion Ratio Lower Upper
96 100
61 88.1 144.6 216.8#
98 40.1 50.4 75.6#





#13

Acrolein

Concen: 0.776 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

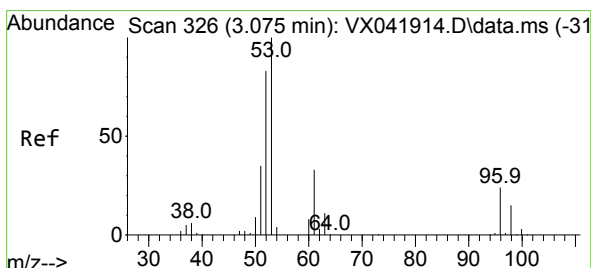
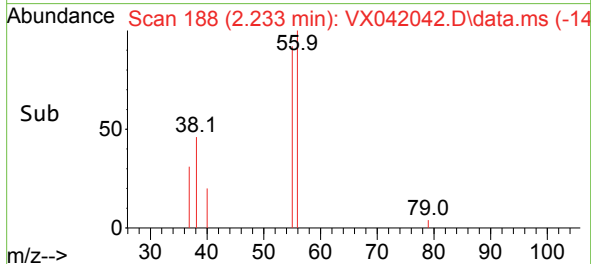
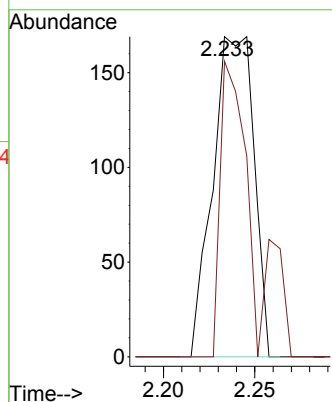
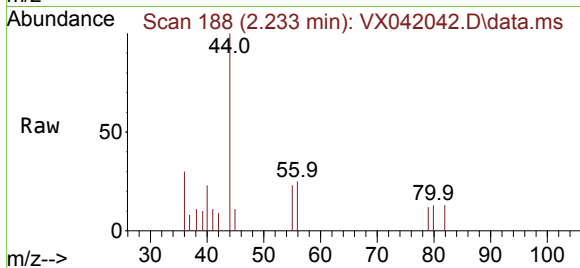
ClientSampleId :

Tgt Ion: 56 Resp: 264

Ion Ratio Lower Upper

56 100

55 72.3 57.1 85.7



#15

Acrylonitrile

Concen: 0.584 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.025 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

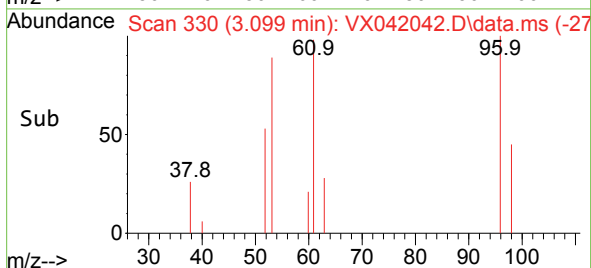
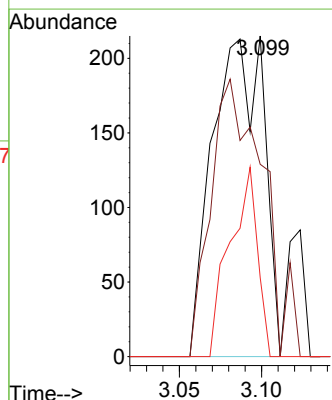
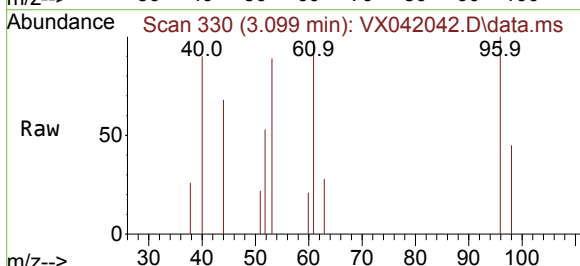
Tgt Ion: 53 Resp: 463

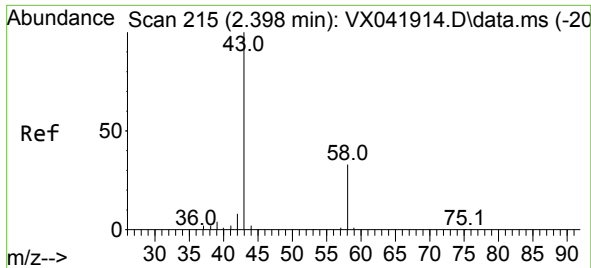
Ion Ratio Lower Upper

53 100

52 88.8 66.0 99.0

51 32.0 29.8 44.6

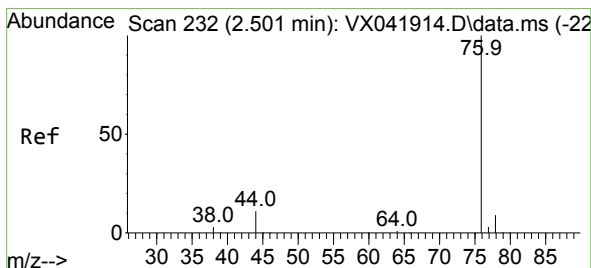
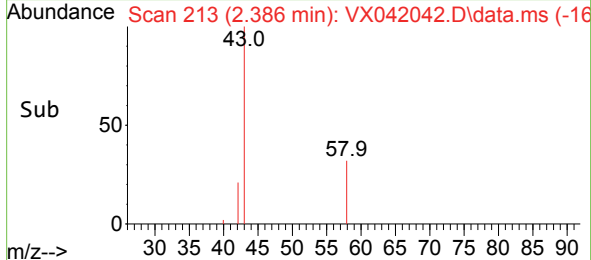
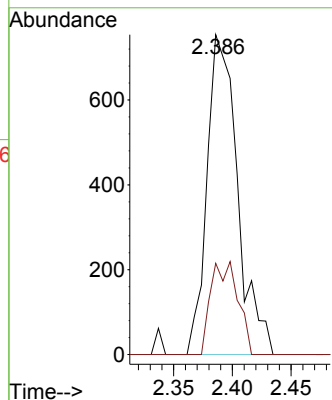
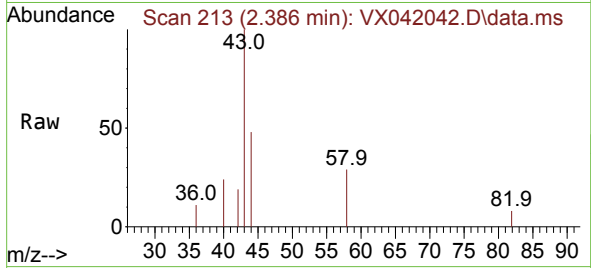




#16
Acetone
Concen: 1.945 ug/l
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

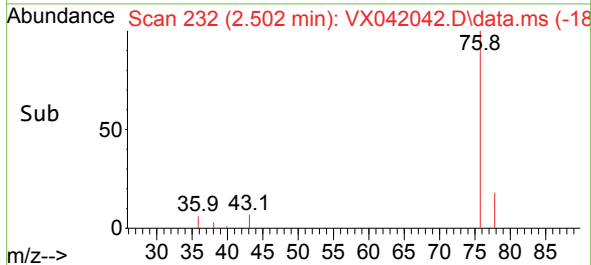
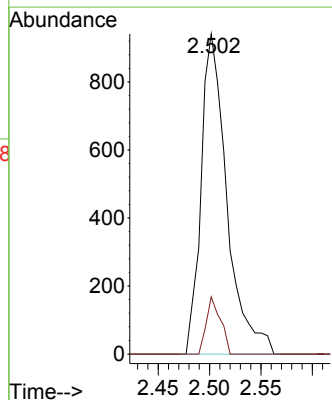
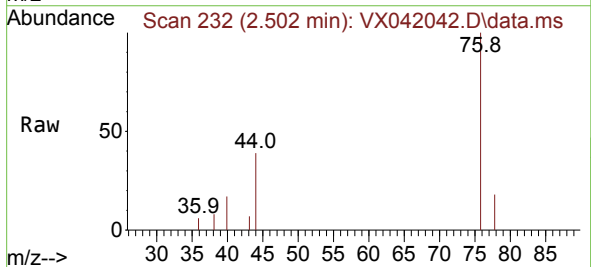
Instrument :
MSVOA_X
ClientSampleId :

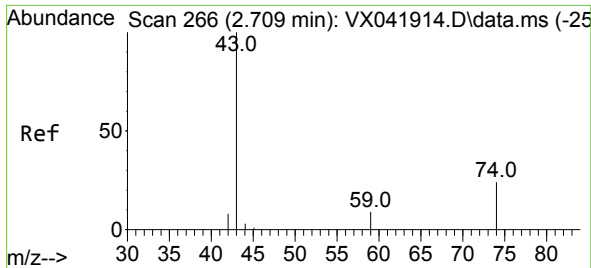
Tgt Ion: 43 Resp: 1366
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9



#17
Carbon Disulfide
Concen: 0.675 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

Tgt Ion: 76 Resp: 1647
Ion Ratio Lower Upper
76 100
78 17.9 7.0 10.6#

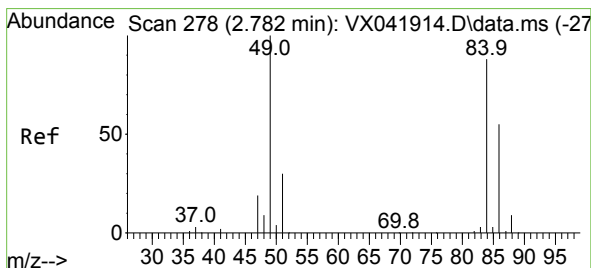
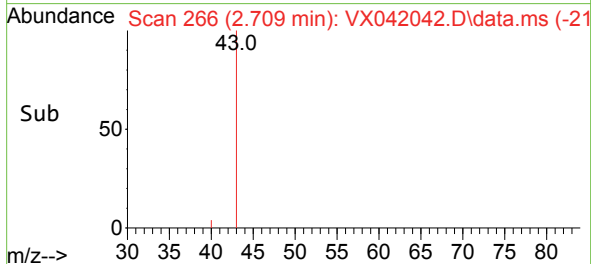
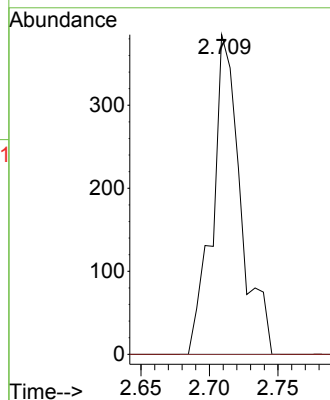
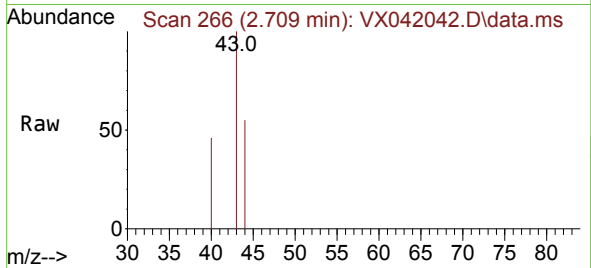




#18
Methyl Acetate
Concen: 0.286 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

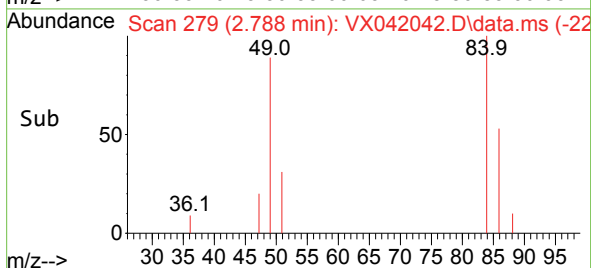
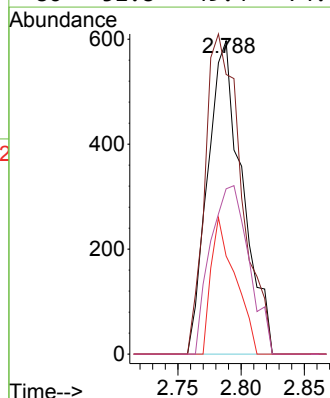
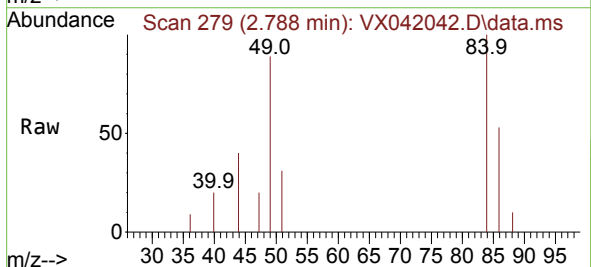
Instrument :
MSVOA_X
ClientSampleId :

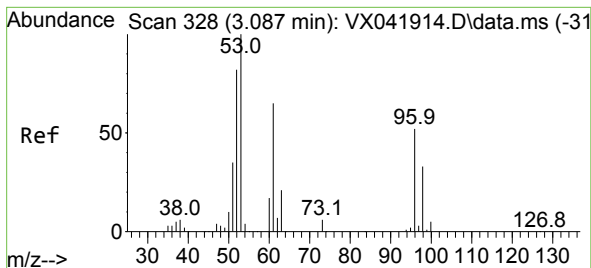
Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.740 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

Tgt Ion: 84 Resp: 1138
Ion Ratio Lower Upper
84 100
49 89.3 103.6 155.4#
51 31.3 33.8 50.6#
86 52.8 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 0.355 ug/l

RT: 3.093 min Scan# 31

Delta R.T. 0.006 min

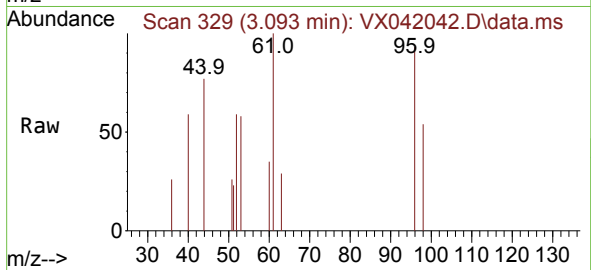
Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :



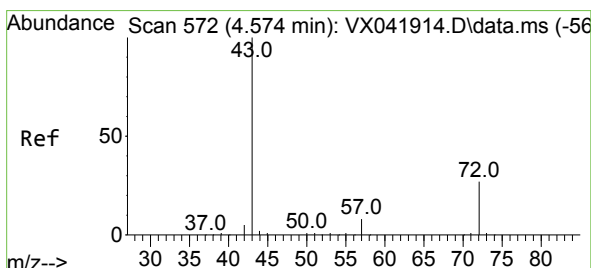
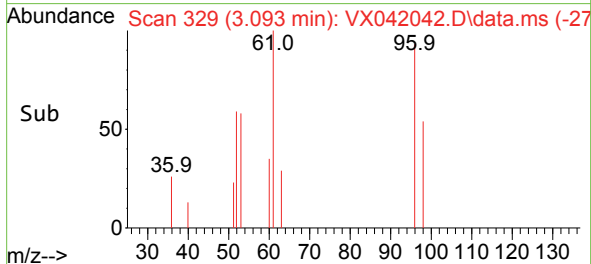
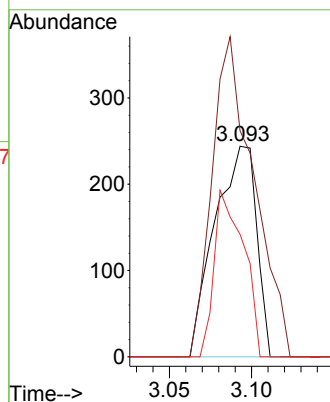
Tgt Ion: 96 Resp: 431

Ion Ratio Lower Upper

96 100

61 107.4 119.2 178.8#

98 58.2 48.7 73.1



#25

2-Butanone

Concen: 0.210 ug/l

RT: 4.617 min Scan# 579

Delta R.T. 0.043 min

Lab File: VX042042.D

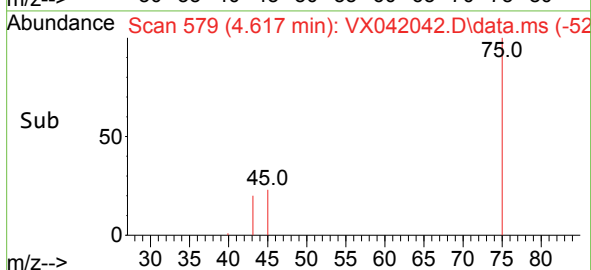
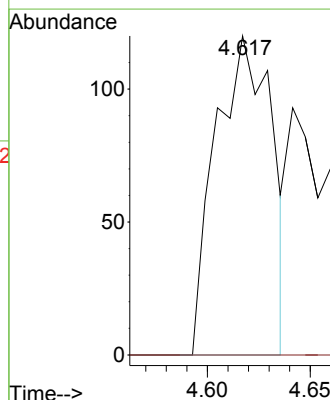
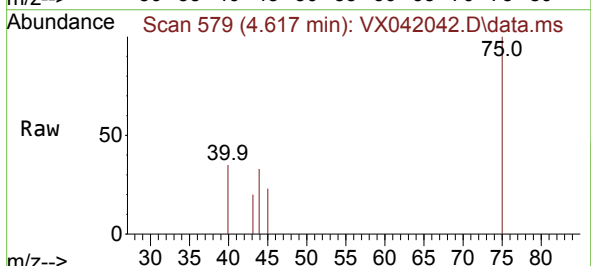
Acq: 25 Jun 2024 19:05

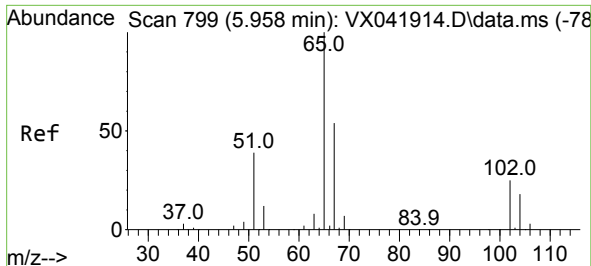
Tgt Ion: 43 Resp: 229

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#





#33

1,2-Dichloroethane-d4

Concen: 43.071 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

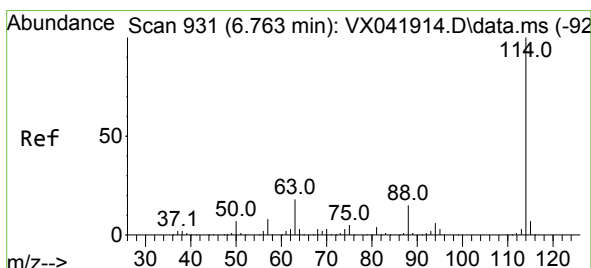
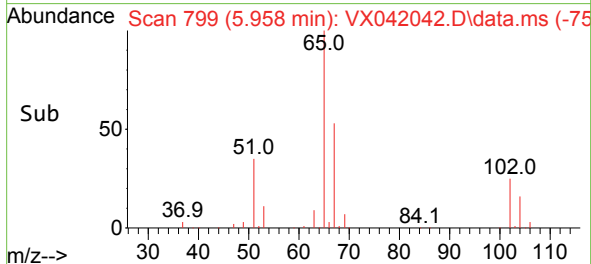
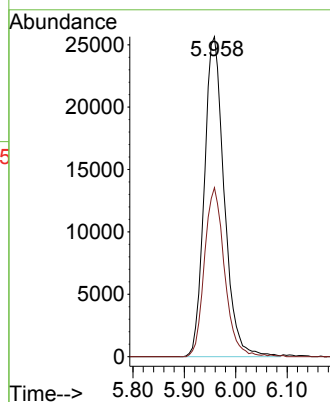
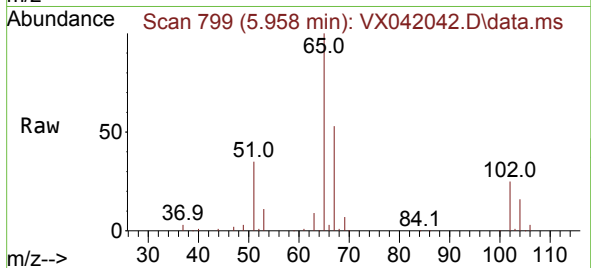
ClientSampleId :

Tgt Ion: 65 Resp: 68876

Ion Ratio Lower Upper

65 100

67 53.2 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: VX042042.D

Acq: 25 Jun 2024 19:05

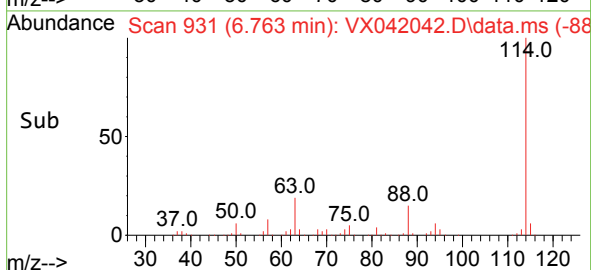
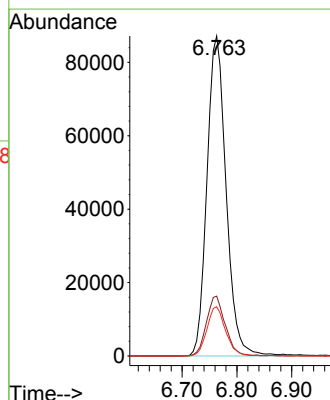
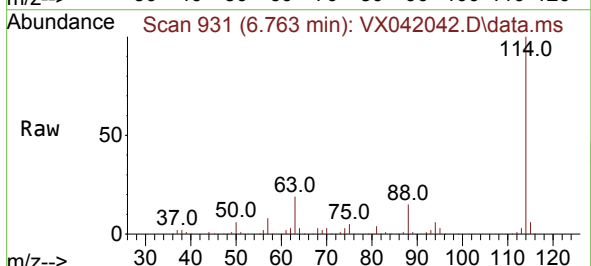
Tgt Ion: 114 Resp: 210923

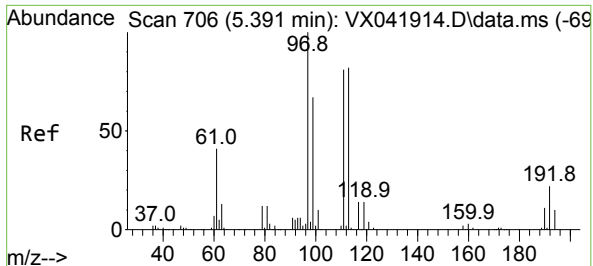
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

88 15.4 0.0 36.6

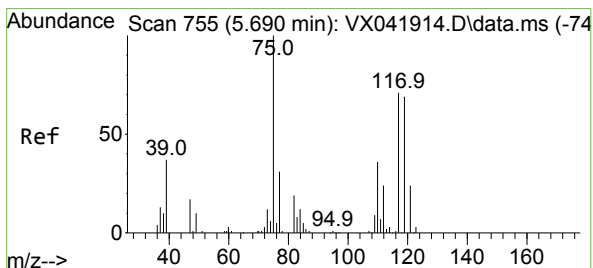
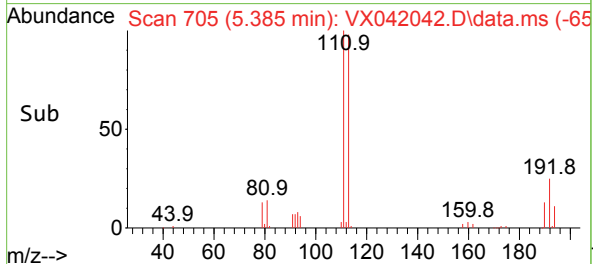
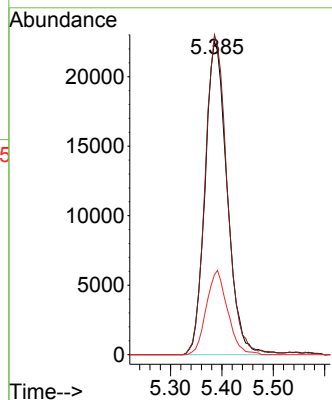
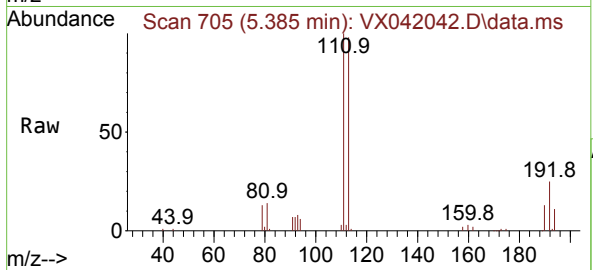




#35
Dibromofluoromethane
Concen: 44.890 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

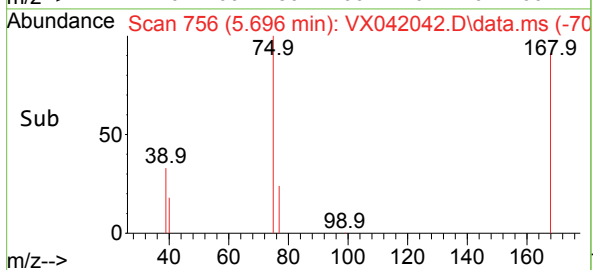
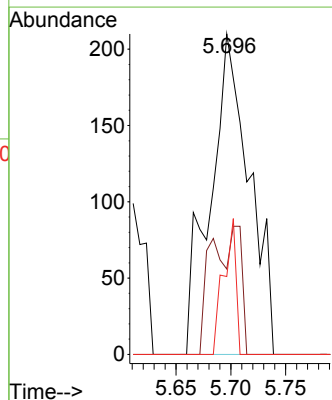
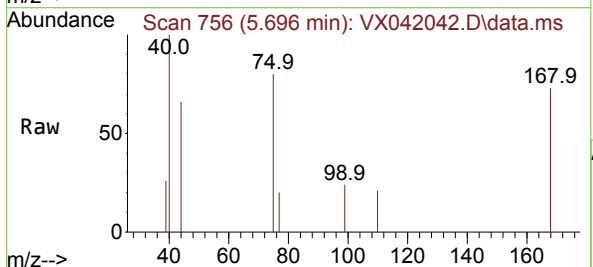
Instrument :
MSVOA_X
ClientSampleId :

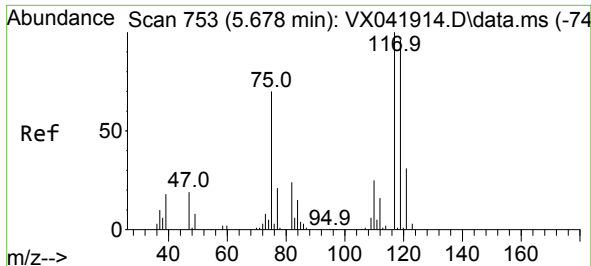
Tgt Ion:113 Resp: 67182
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 25.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 0.329 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

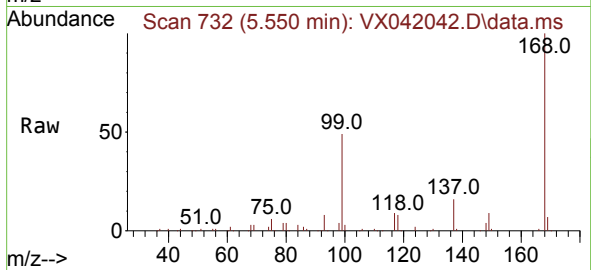
Tgt Ion: 75 Resp: 523
Ion Ratio Lower Upper
75 100
110 18.4 17.0 50.9
77 13.4 24.7 37.1#



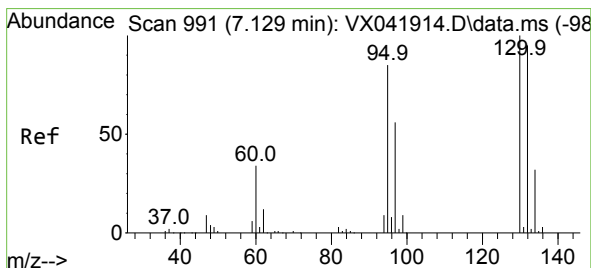
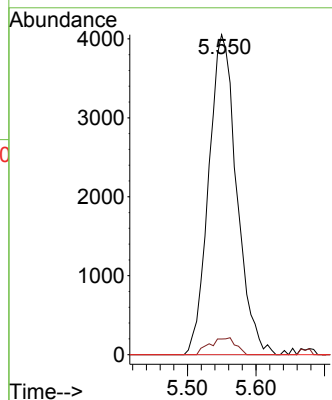
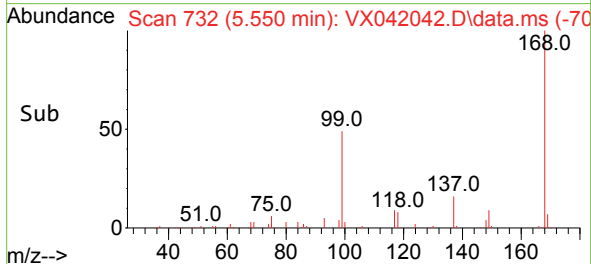


#38
Carbon Tetrachloride
Concen: 6.545 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

Instrument :
MSVOA_X
ClientSampleId :

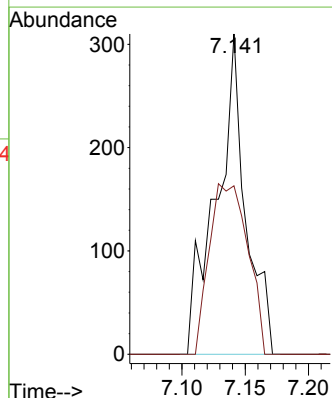
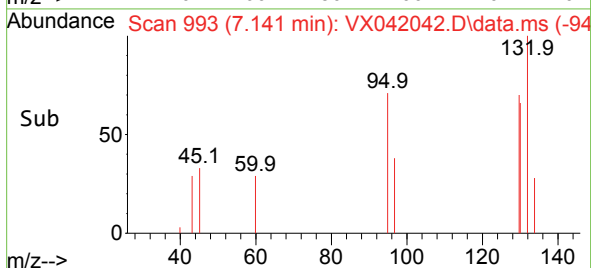
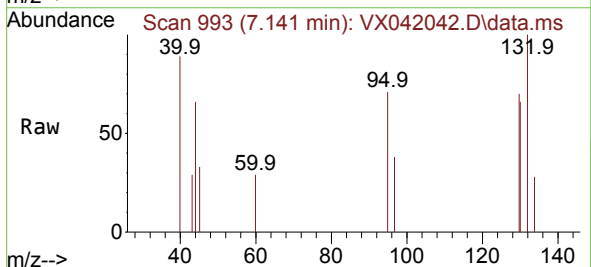


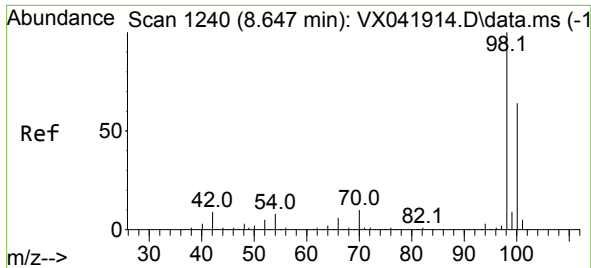
Tgt Ion:117 Resp: 11492
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.351 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

Tgt Ion:130 Resp: 505
Ion Ratio Lower Upper
130 100
95 52.6 0.0 204.4

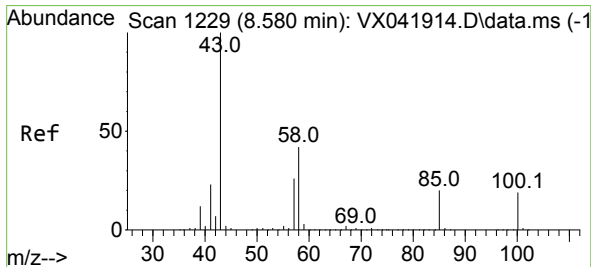
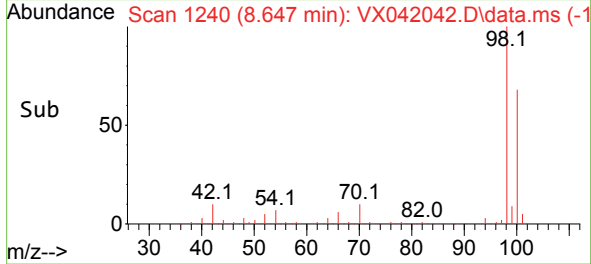
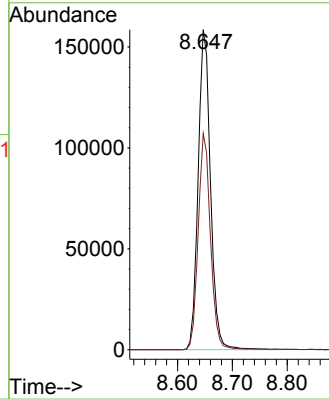
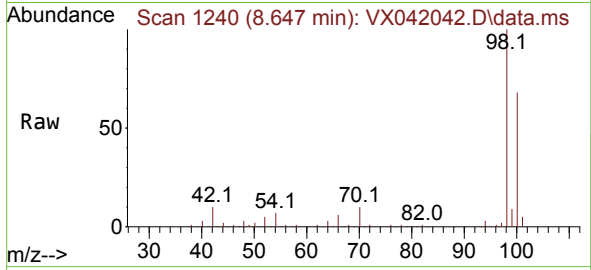




#50
Toluene-d8
Concen: 47.405 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

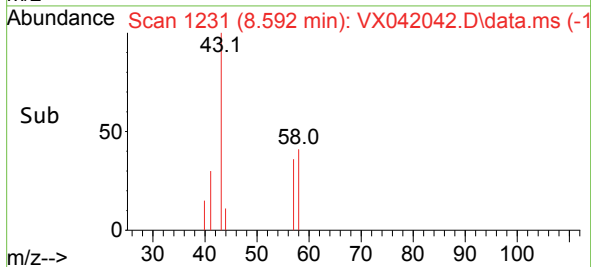
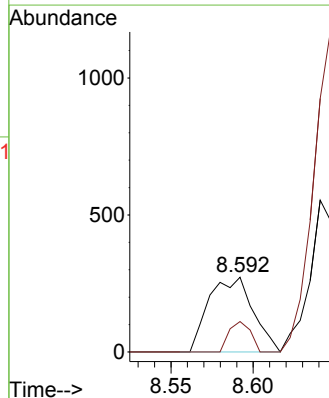
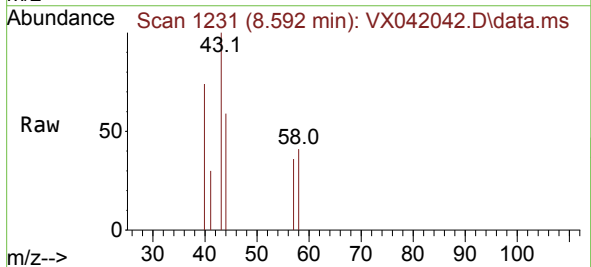
Instrument :
MSVOA_X
ClientSampleId :

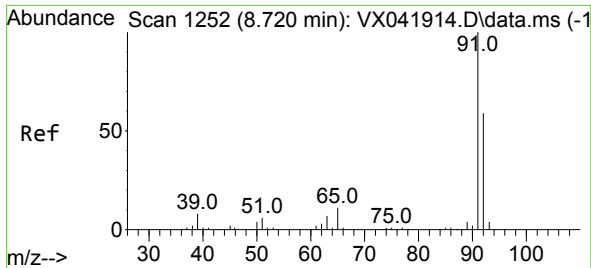
Tgt Ion: 98 Resp: 249242
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.233 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 19.8 30.4 45.6#

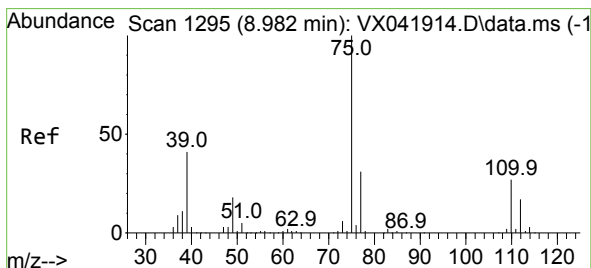
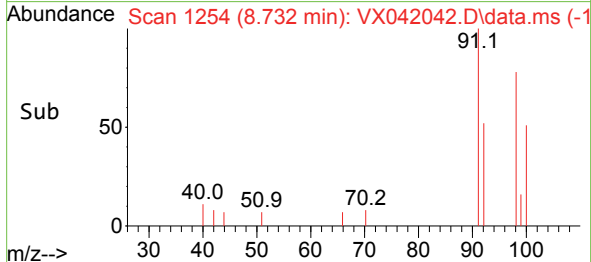
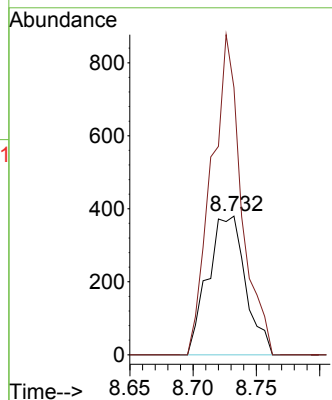
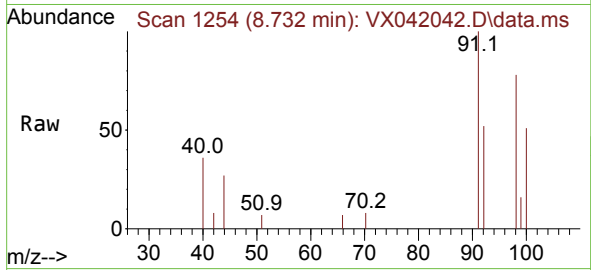




#52
Toluene
Concen: 0.230 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. 0.012 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

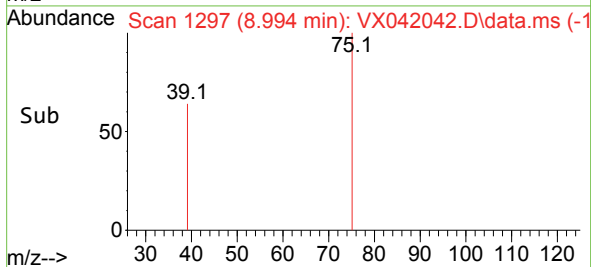
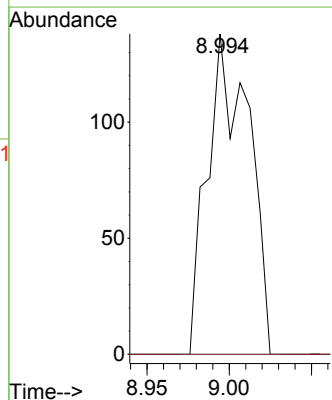
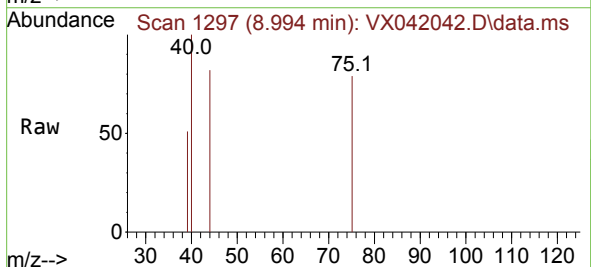
Instrument :
MSVOA_X
ClientSampleId :

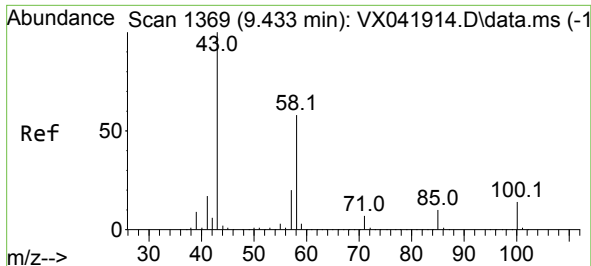
Tgt Ion: 92 Resp: 785
Ion Ratio Lower Upper
92 100
91 185.4 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 1.023 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

Tgt Ion: 75 Resp: 243
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

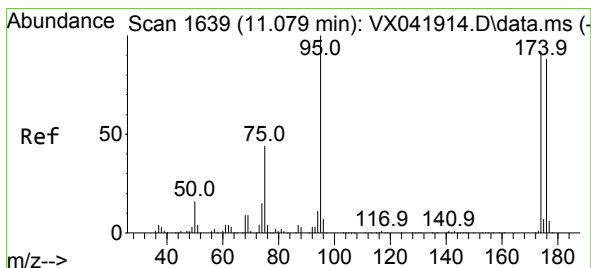
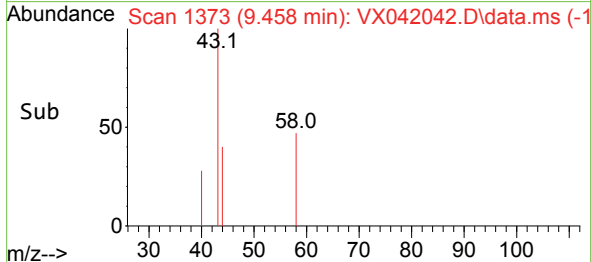
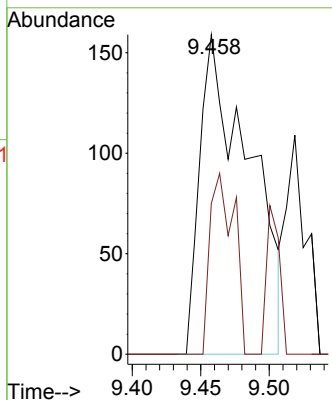
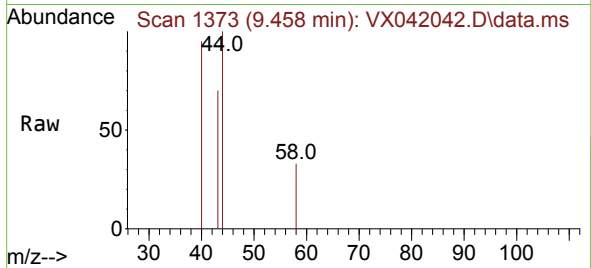




#59
2-Hexanone
Concen: 0.239 ug/l
RT: 9.458 min Scan# 11
Delta R.T. 0.025 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

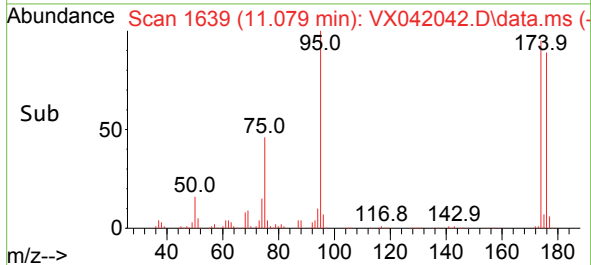
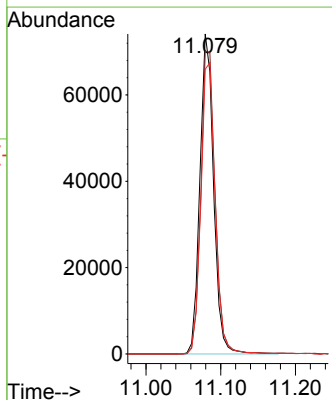
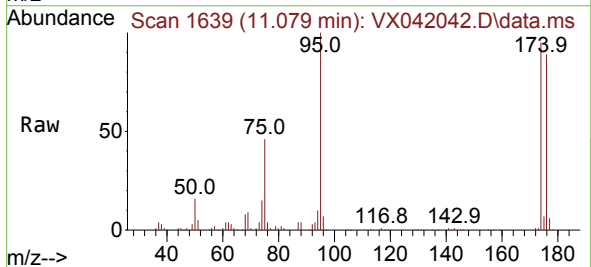
Instrument :
MSVOA_X
ClientSampleId :

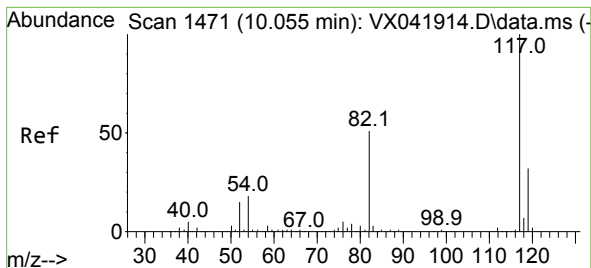
Tgt Ion: 43 Resp: 400
Ion Ratio Lower Upper
43 100
58 27.5 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 48.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

Tgt Ion: 95 Resp: 94459
Ion Ratio Lower Upper
95 100
174 99.4 0.0 135.6
176 95.0 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: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

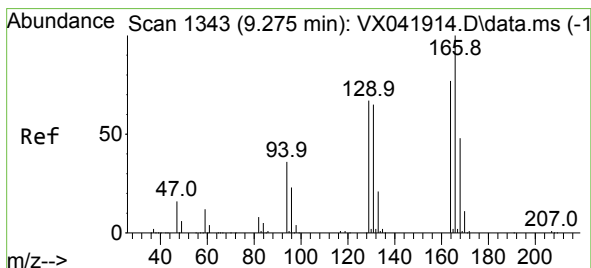
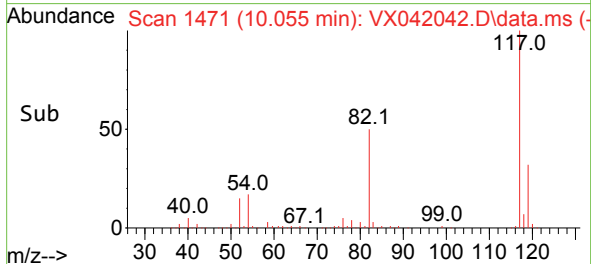
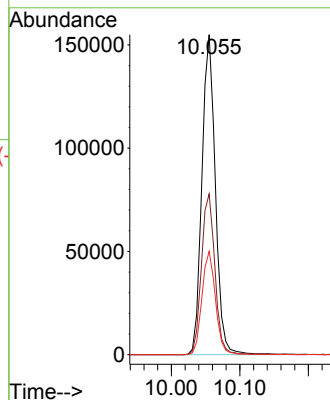
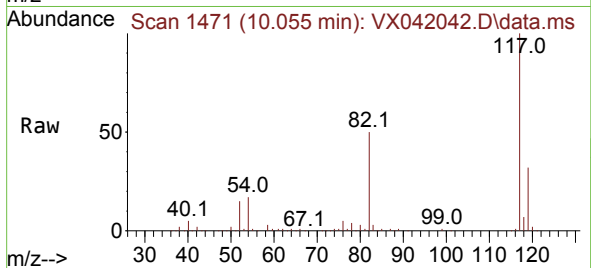
Tgt Ion:117 Resp: 211862

Ion Ratio Lower Upper

117 100

82 50.2 46.2 69.4

119 32.3 25.5 38.3



#64

Tetrachloroethene

Concen: 0.282 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Tgt Ion:164 Resp: 435

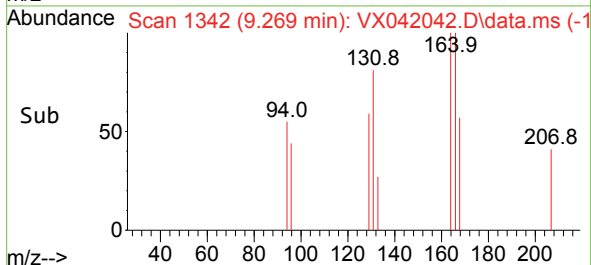
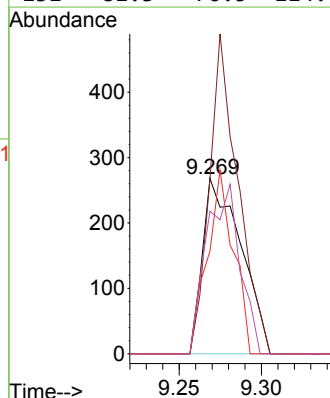
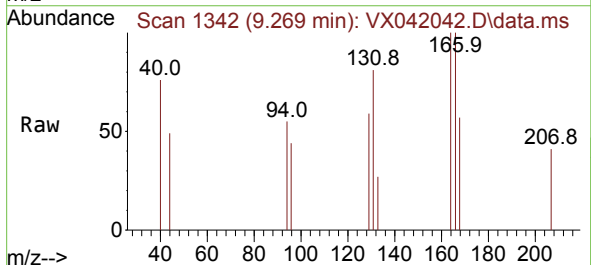
Ion Ratio Lower Upper

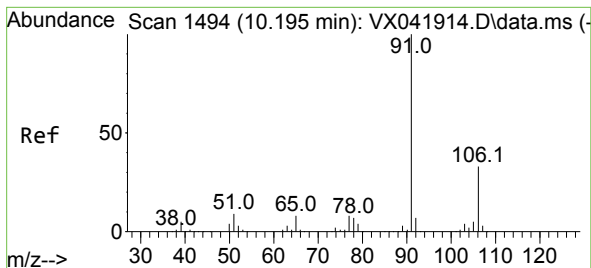
164 100

166 99.6 102.7 154.1#

129 58.6 80.4 120.6#

131 81.3 76.5 114.7





#67

Ethyl Benzene

Concen: 0.261 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

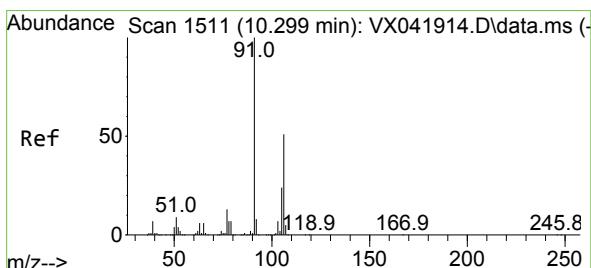
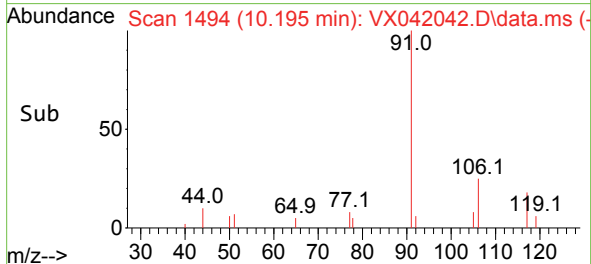
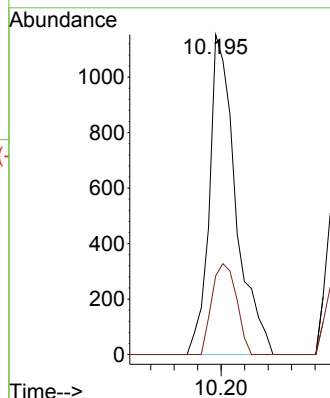
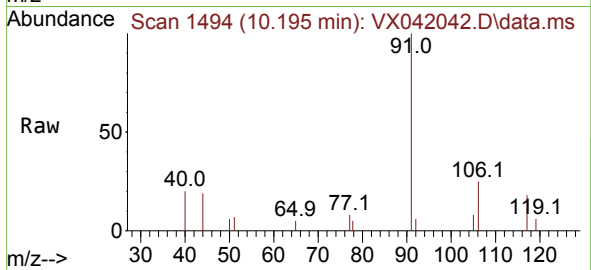
ClientSampleId :

Tgt Ion: 91 Resp: 1803

Ion Ratio Lower Upper

91 100

106 24.6 24.9 37.3#



#68

m/p-Xylenes

Concen: 0.495 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX042042.D

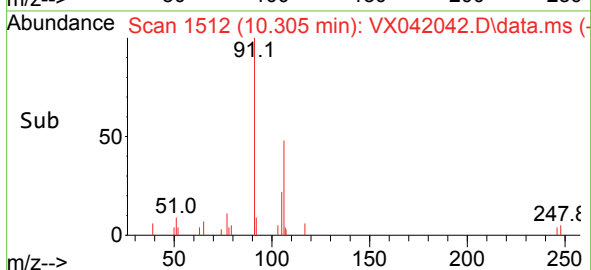
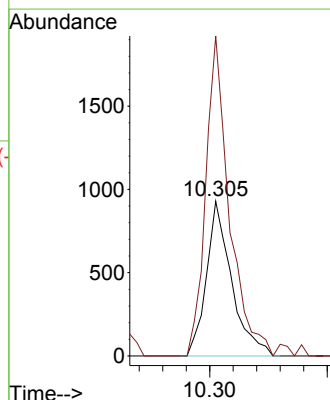
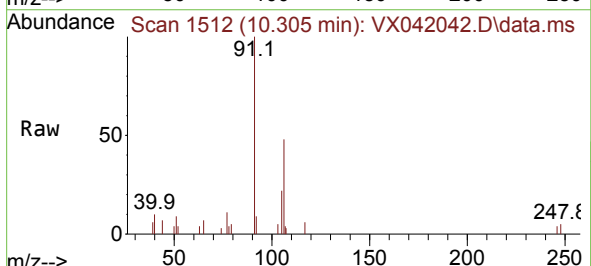
Acq: 25 Jun 2024 19:05

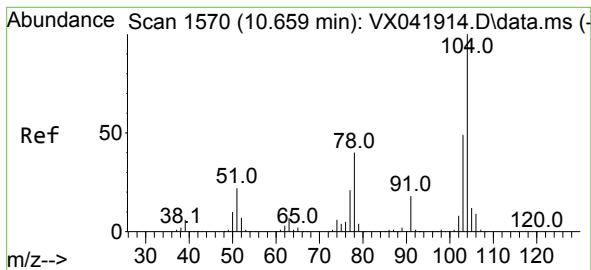
Tgt Ion: 106 Resp: 1380

Ion Ratio Lower Upper

106 100

91 193.6 165.5 248.3





#70

Styrene

Concen: 0.222 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

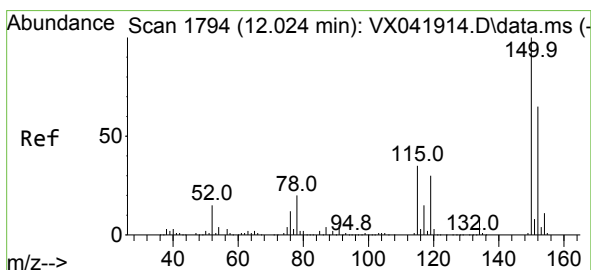
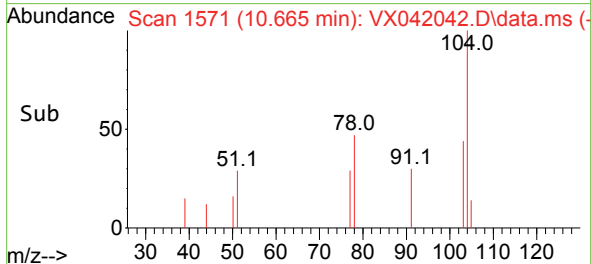
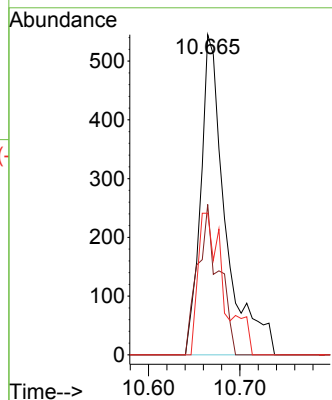
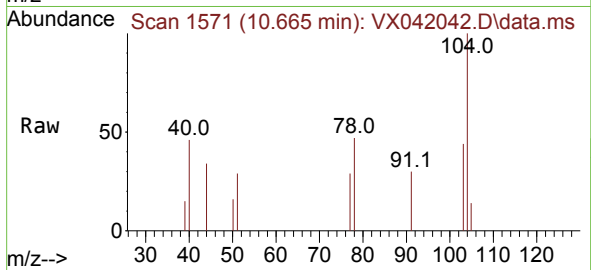
Tgt Ion:104 Resp: 1029

Ion Ratio Lower Upper

104 100

78 40.1 43.6 65.4#

103 39.3 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

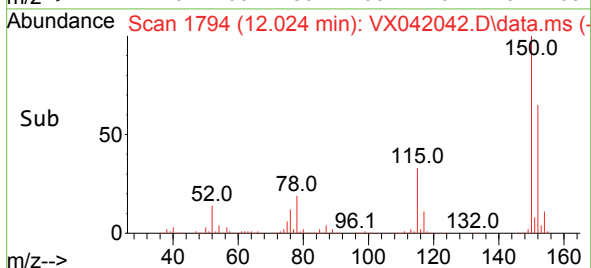
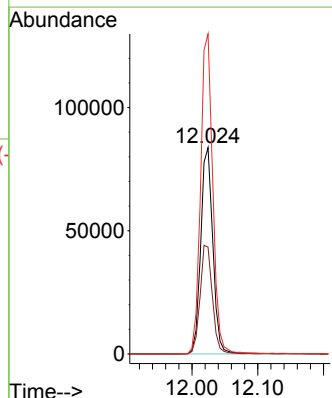
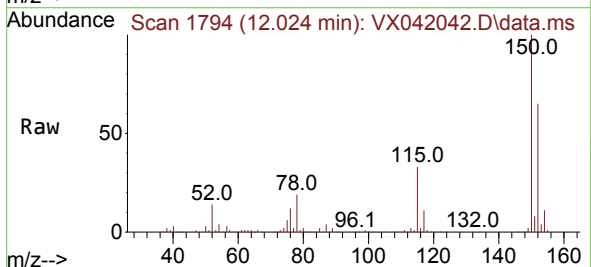
Tgt Ion:152 Resp: 107083

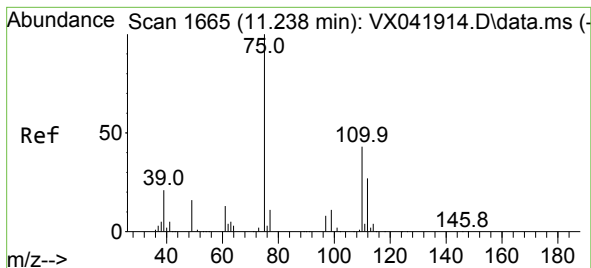
Ion Ratio Lower Upper

152 100

115 53.7 43.3 129.9

150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.124 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

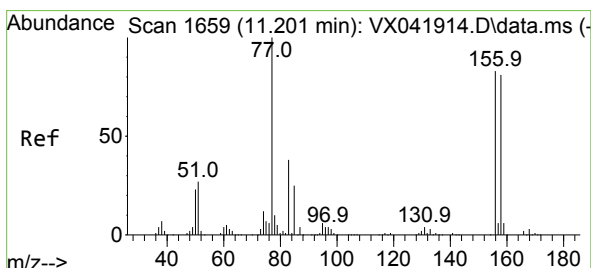
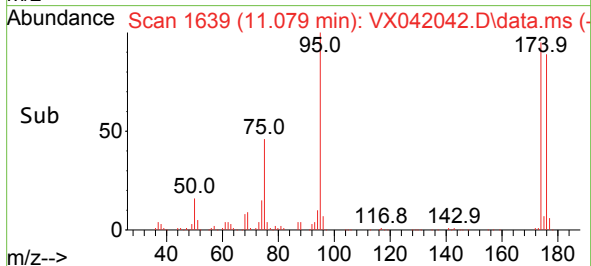
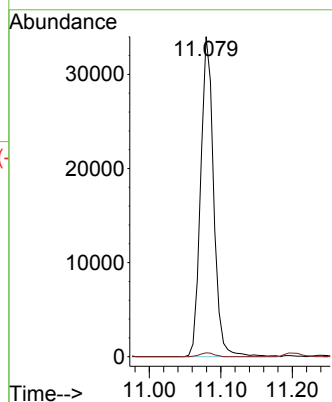
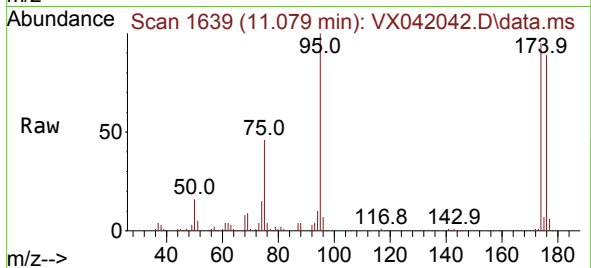
ClientSampleId :

Tgt Ion: 75 Resp: 43009

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#77

Bromobenzene

Concen: 0.234 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

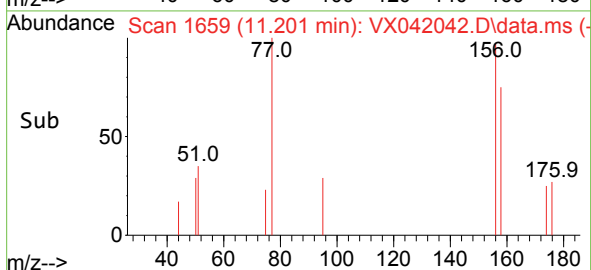
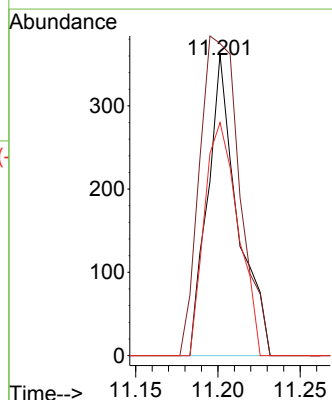
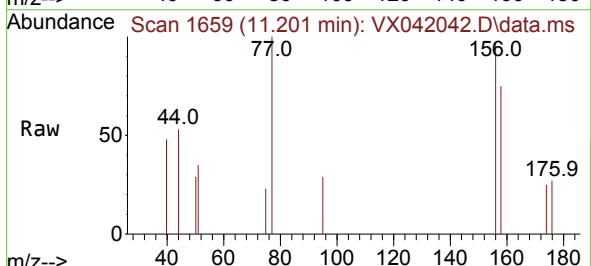
Tgt Ion:156 Resp: 454

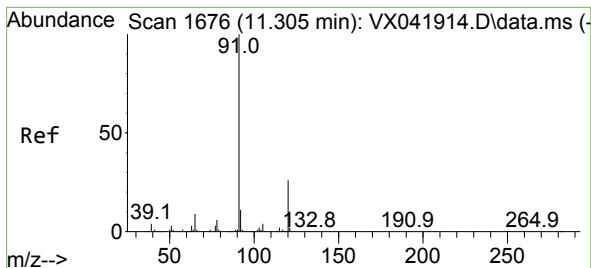
Ion Ratio Lower Upper

156 100

77 144.3 88.4 265.3

158 87.9 48.0 144.0





#78

n-propylbenzene

Concen: 0.226 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

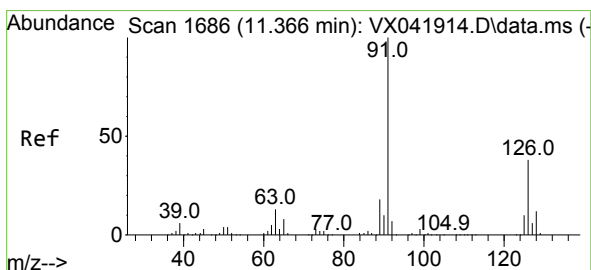
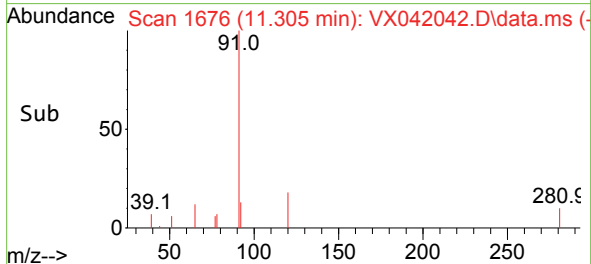
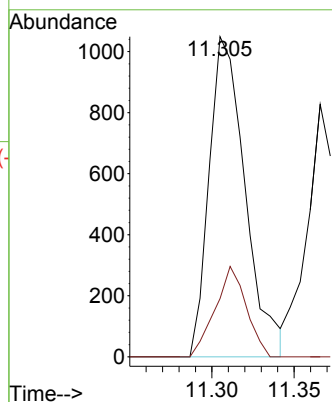
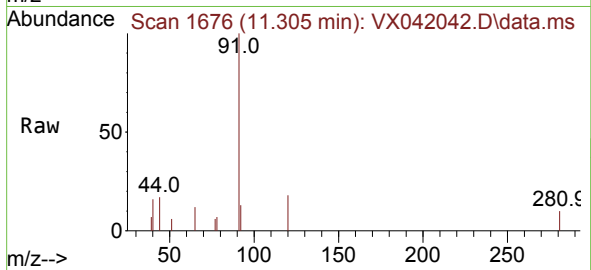
ClientSampleId :

Tgt Ion: 91 Resp: 1596

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.262 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX042042.D

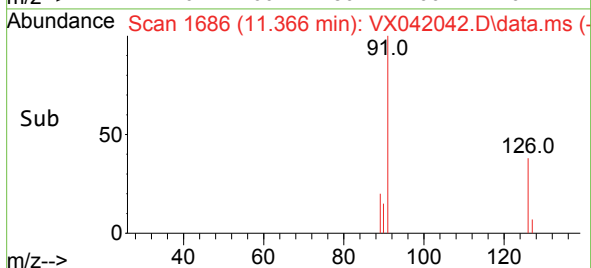
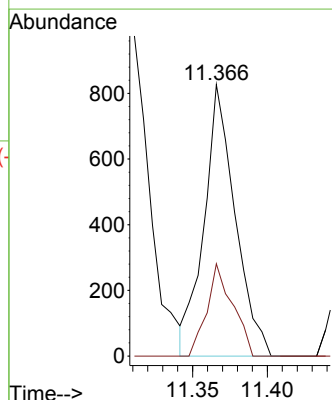
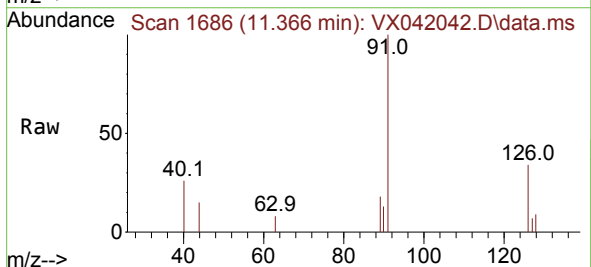
Acq: 25 Jun 2024 19:05

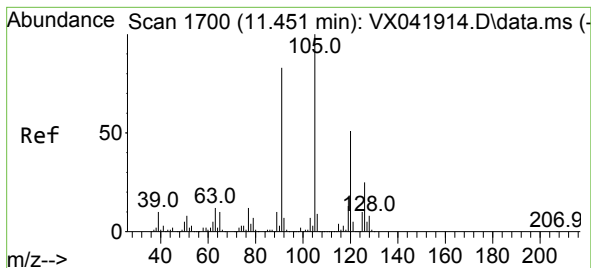
Tgt Ion: 91 Resp: 1194

Ion Ratio Lower Upper

91 100

126 28.1 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.212 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

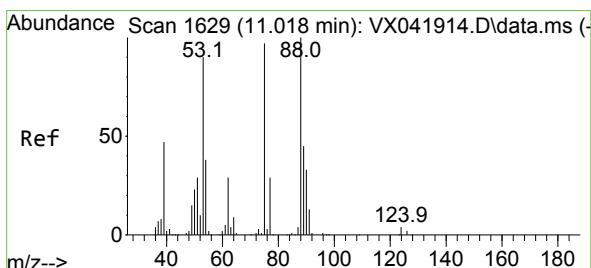
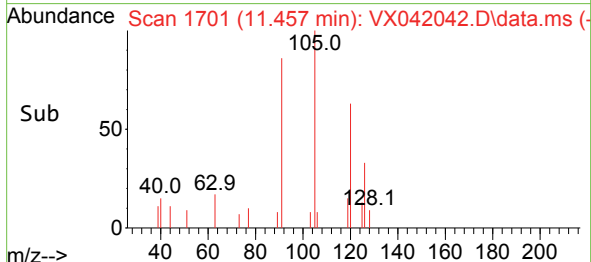
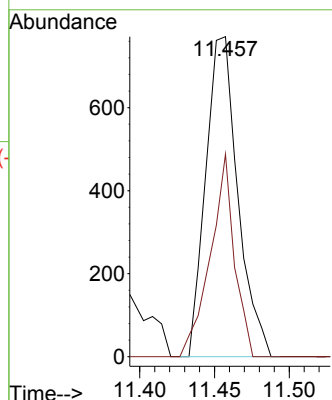
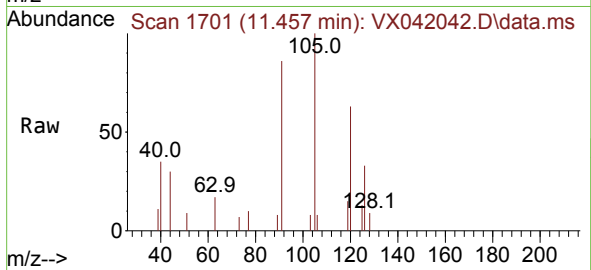
ClientSampleId :

Tgt Ion:105 Resp: 1149

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 62.830 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

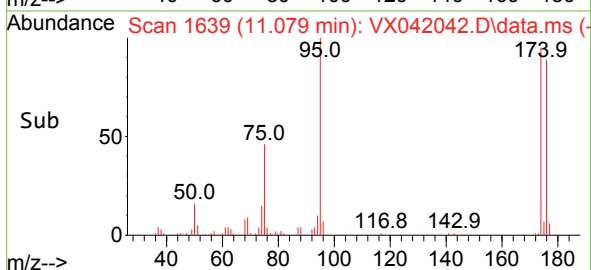
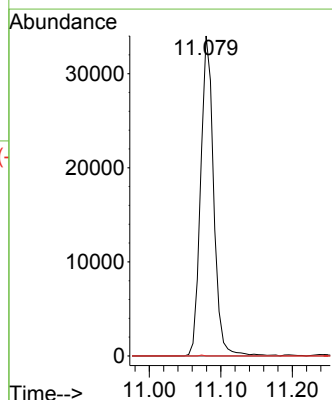
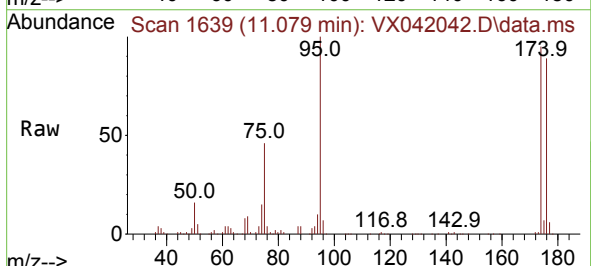
Tgt Ion: 75 Resp: 43009

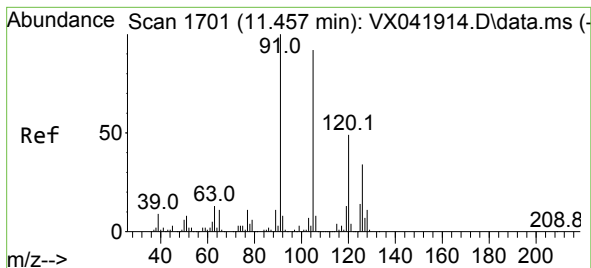
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.291 ug/l

RT: 11.470 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

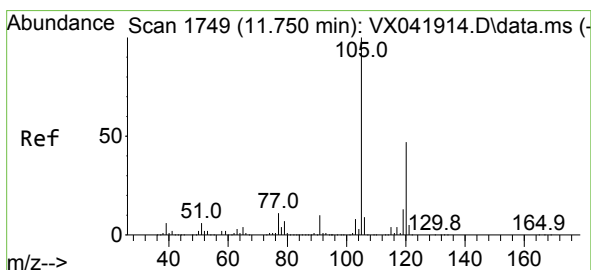
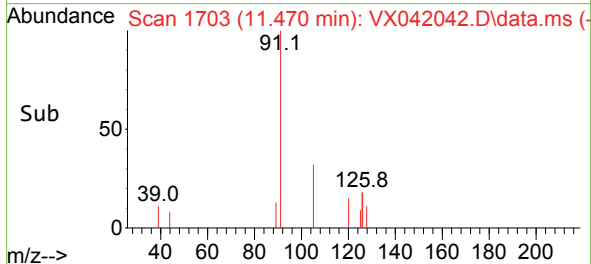
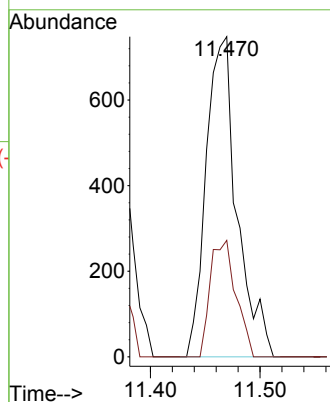
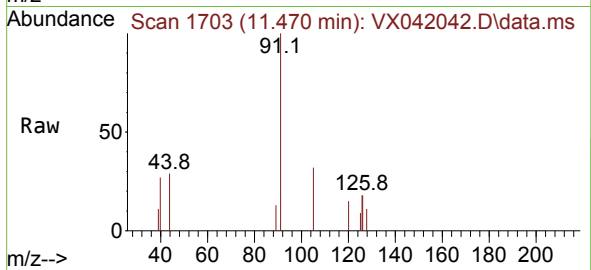
ClientSampleId :

Tgt Ion: 91 Resp: 1465

Ion Ratio Lower Upper

91 100

126 30.2 14.2 42.6



#84

1,2,4-Trimethylbenzene

Concen: 0.246 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX042042.D

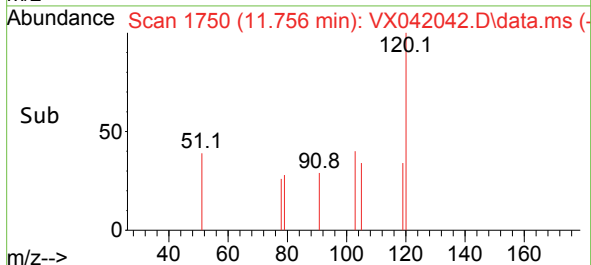
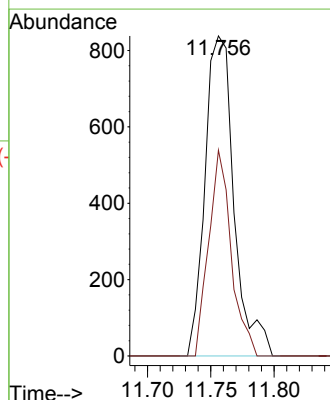
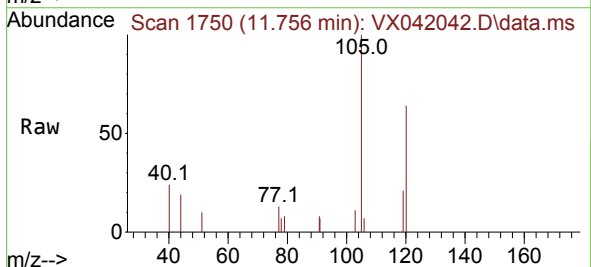
Acq: 25 Jun 2024 19:05

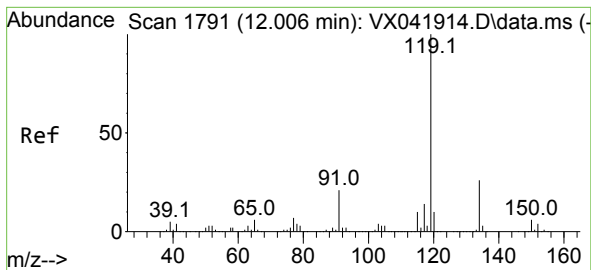
Tgt Ion: 105 Resp: 1339

Ion Ratio Lower Upper

105 100

120 49.9 21.2 63.6





#86

p-Isopropyltoluene

Concen: 0.212 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :

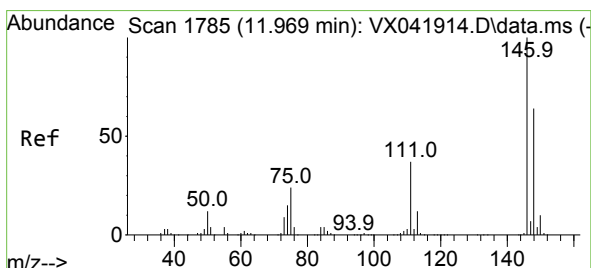
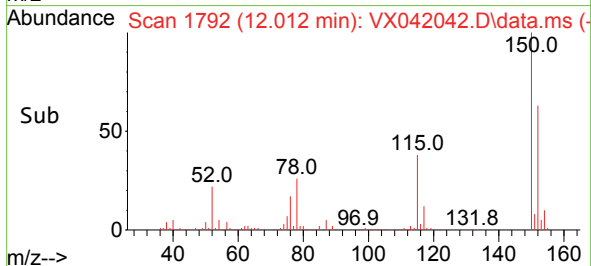
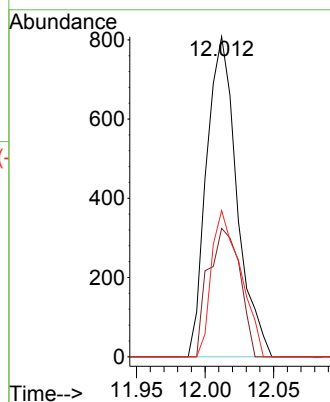
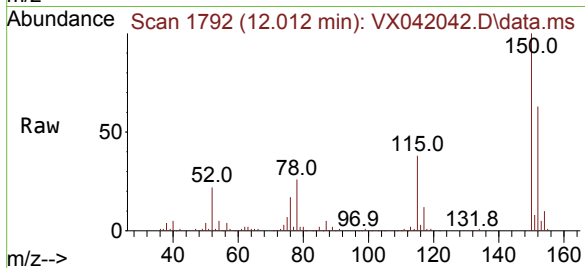
Tgt Ion:119 Resp: 1246

Ion Ratio Lower Upper

119 100

134 41.7 12.8 38.3#

91 43.7 13.1 39.3#



#87

1,3-Dichlorobenzene

Concen: 0.323 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

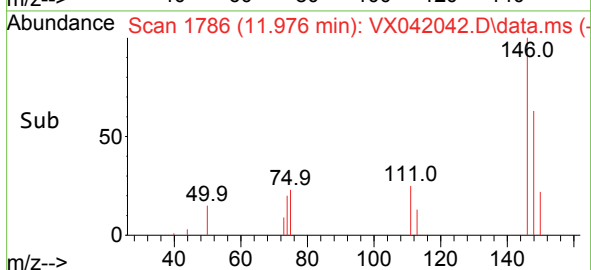
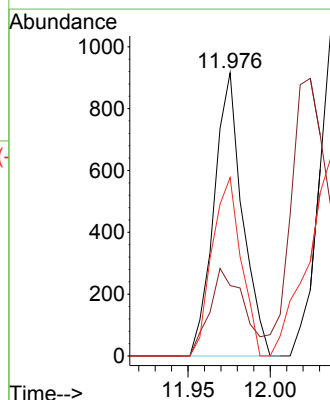
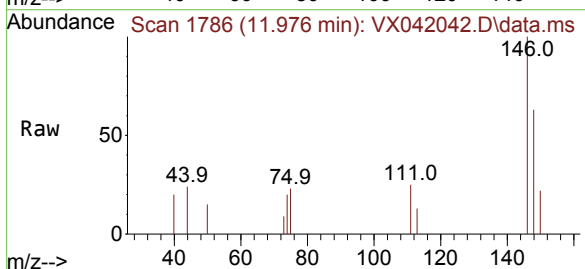
Tgt Ion:146 Resp: 1100

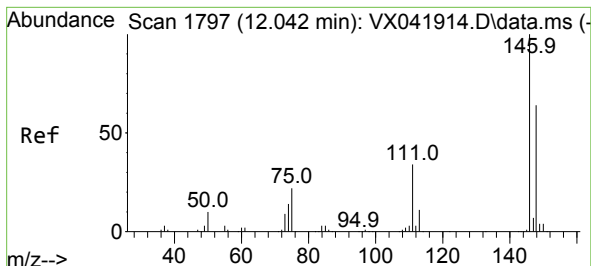
Ion Ratio Lower Upper

146 100

111 37.0 22.1 66.1

148 64.5 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.315 ug/l

RT: 11.976 min Scan# 1

Delta R.T. -0.067 min

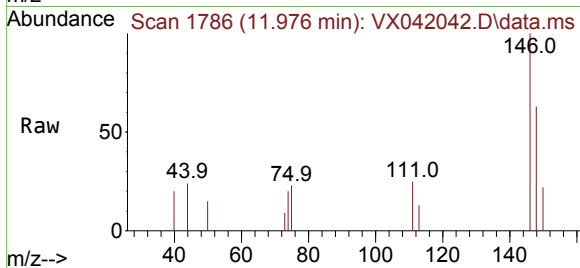
Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

Instrument :

MSVOA_X

ClientSampleId :



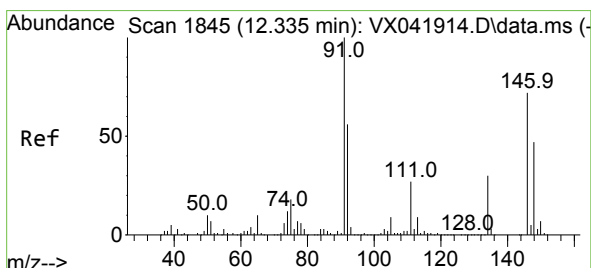
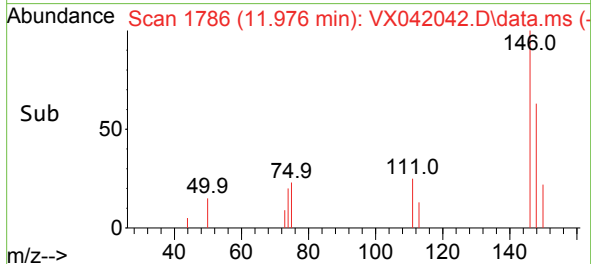
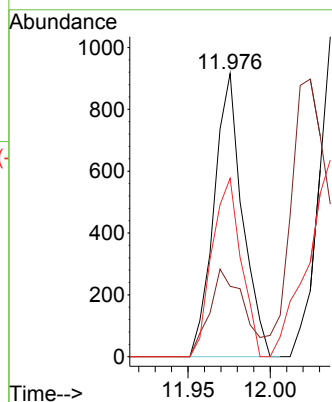
Tgt Ion:146 Resp: 1100

Ion Ratio Lower Upper

146 100

111 37.0 21.3 63.7

148 64.5 31.8 95.4



#89

n-Butylbenzene

Concen: 0.273 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042042.D

Acq: 25 Jun 2024 19:05

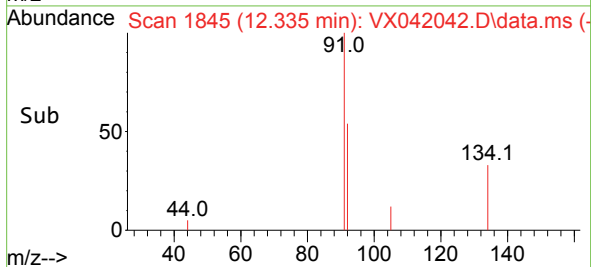
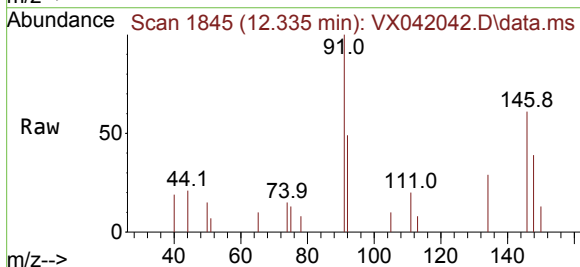
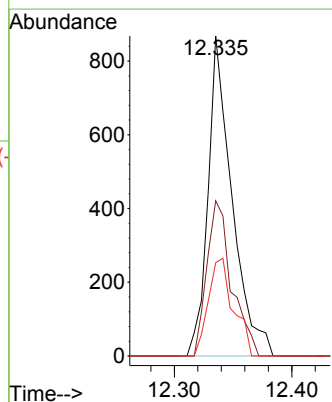
Tgt Ion: 91 Resp: 1234

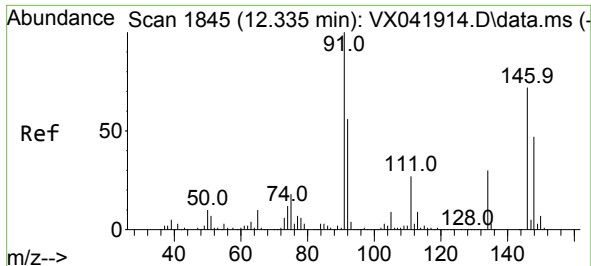
Ion Ratio Lower Upper

91 100

92 50.1 27.4 82.0

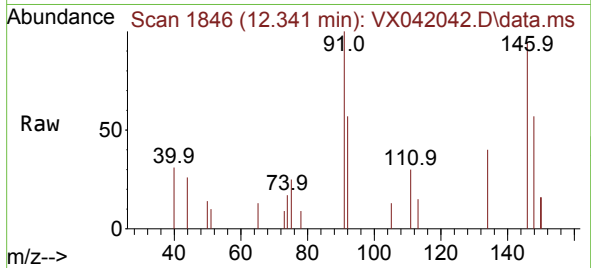
134 31.7 12.6 37.8



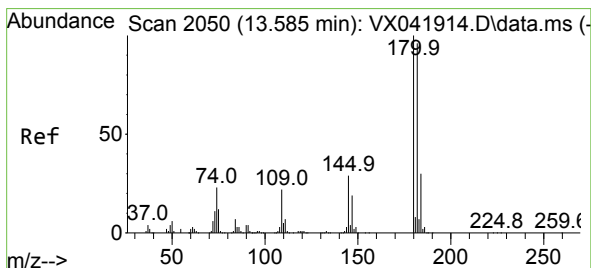
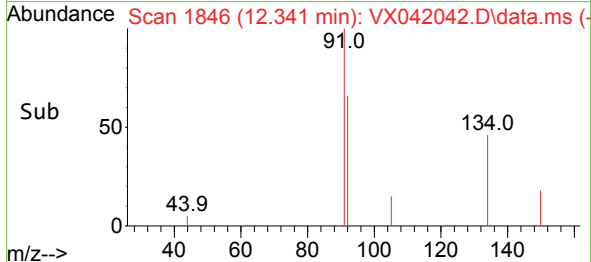
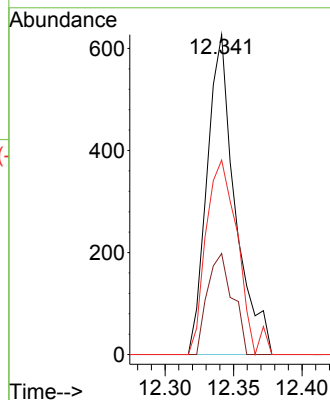


#91
 1,2-Dichlorobenzene
 Concen: 0.256 ug/l
 RT: 12.341 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: VX042042.D
 Acq: 25 Jun 2024 19:05

Instrument :
 MSVOA_X
 ClientSampleId :

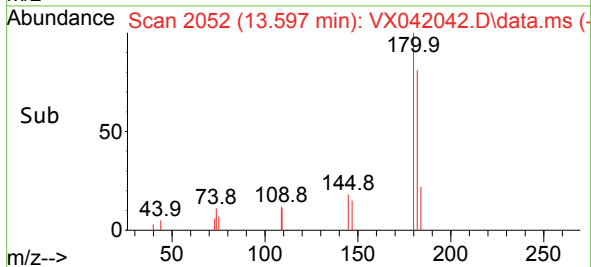
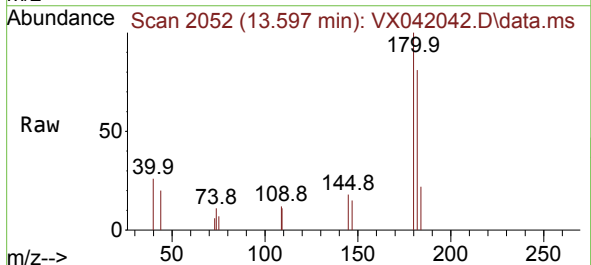
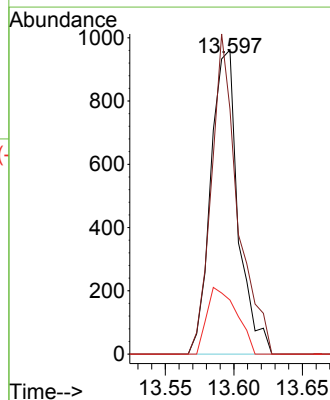


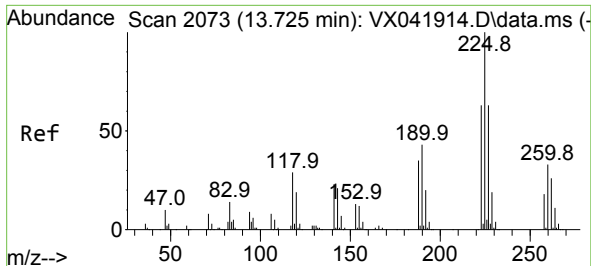
Tgt Ion:146 Resp: 894
 Ion Ratio Lower Upper
 146 100
 111 28.4 22.4 67.0
 148 68.7 31.6 95.0



#93
 1,2,4-Trichlorobenzene
 Concen: 0.586 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.012 min
 Lab File: VX042042.D
 Acq: 25 Jun 2024 19:05

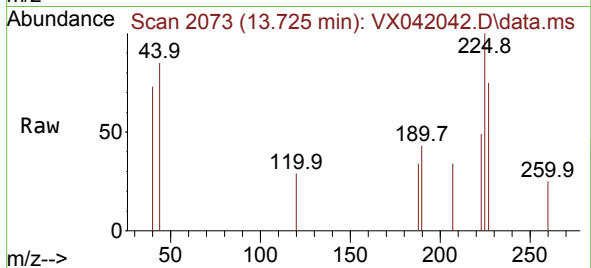
Tgt Ion:180 Resp: 1340
 Ion Ratio Lower Upper
 180 100
 182 101.0 48.3 144.8
 145 23.7 18.0 54.0



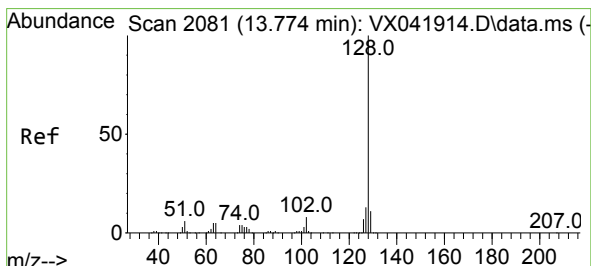
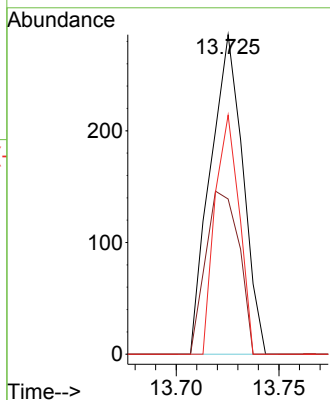
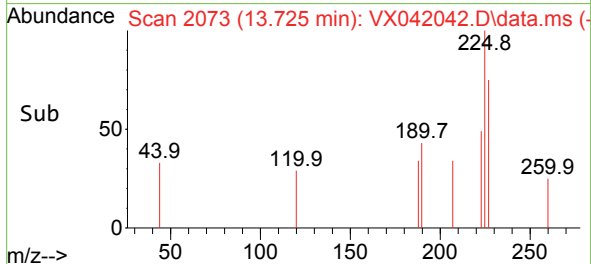


#94
Hexachlorobutadiene
Concen: 0.273 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05

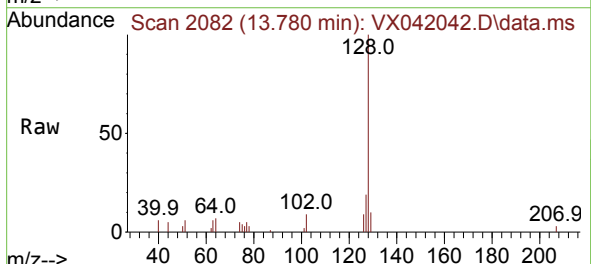
Instrument :
MSVOA_X
ClientSampleId :



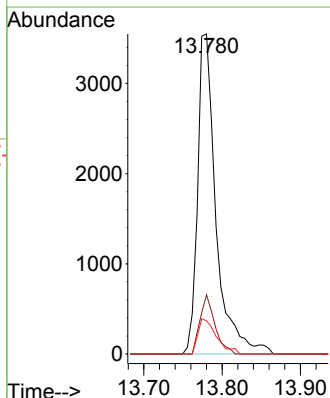
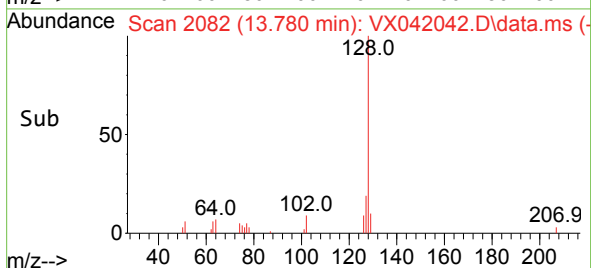
Tgt Ion:225 Resp: 315
Ion Ratio Lower Upper
225 100
223 52.4 31.1 93.2
227 55.6 32.5 97.5

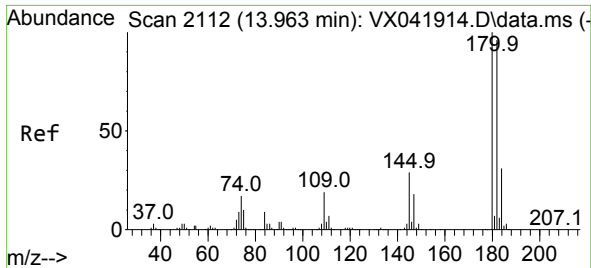


#95
Naphthalene
Concen: 1.493 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042042.D
Acq: 25 Jun 2024 19:05



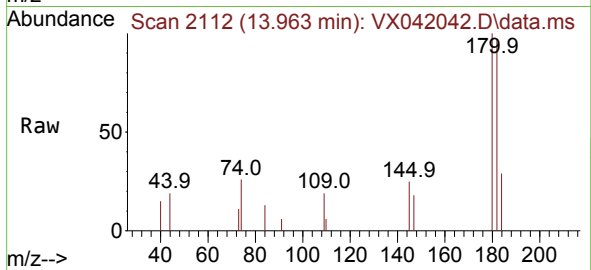
Tgt Ion:128 Resp: 5810
Ion Ratio Lower Upper
128 100
127 14.9 10.3 15.5
129 11.0 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.585 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX042042.D
 Acq: 25 Jun 2024 19:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1410
Ion	Ratio	Lower	Upper
180	100		
182	91.6	46.9	140.6
145	24.8	17.8	53.5

