

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041938.D
 Acq On : 19 Jun 2024 11:08
 Operator : JC/MD
 Sample : VX0619WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 00:55:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

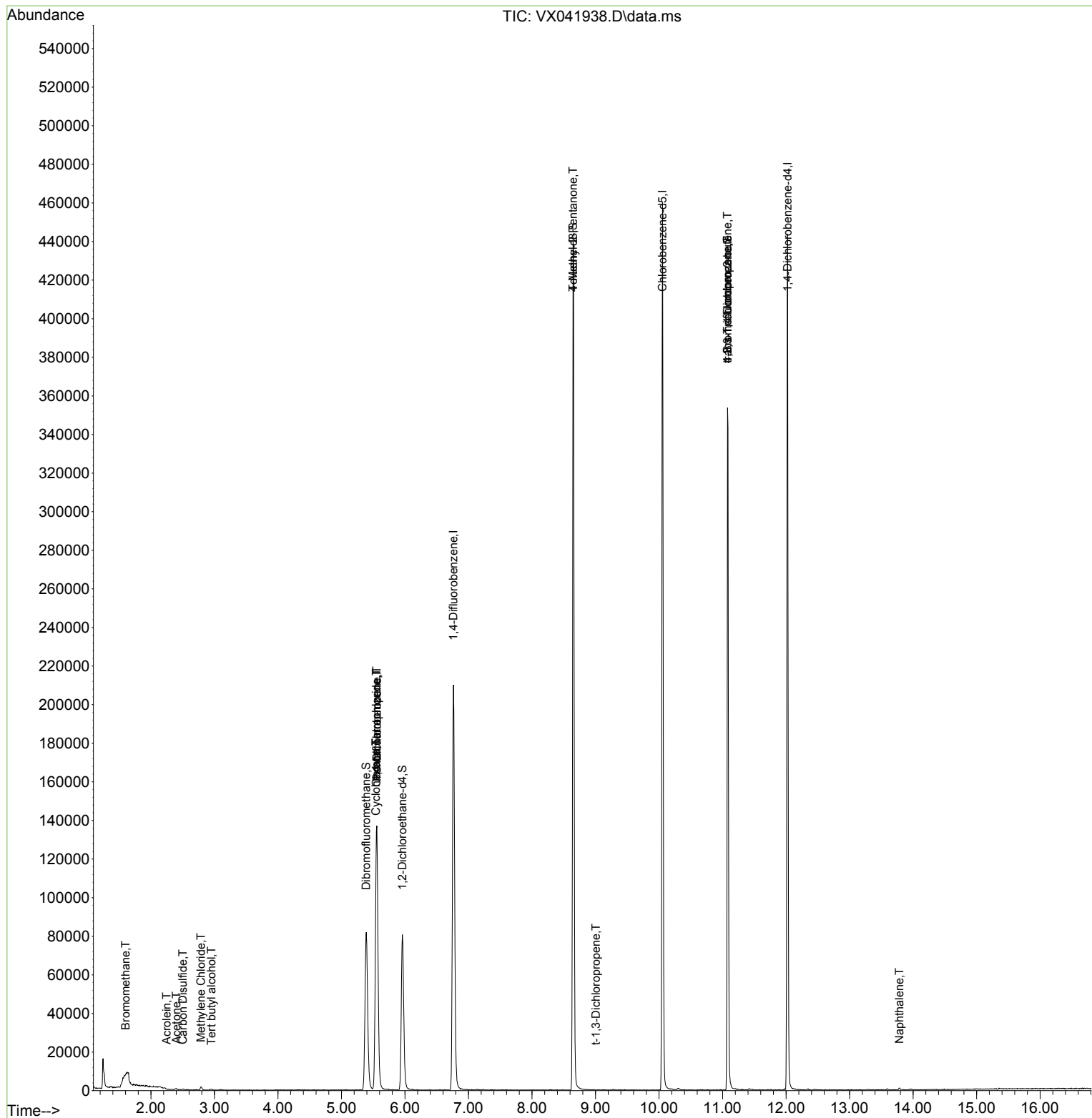
Internal Standards						
1) Pentafluorobenzene	5.556	168	150817	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	231850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76885	44.209	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.420%
35) Dibromofluoromethane	5.385	113	73558	44.714	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.420%
50) Toluene-d8	8.647	98	272887	47.218	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.440%
62) 4-Bromofluorobenzene	11.079	95	98330	46.156	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.320%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	344	0.482	ug/l	87
6) Chloroethane	1.666	64	296	Below Cal	#	43
11) Tert butyl alcohol	2.952	59	320	0.970	ug/l	# 78
13) Acrolein	2.245	56	191	0.516	ug/l	88
16) Acetone	2.398	43	804	1.053	ug/l	# 89
17) Carbon Disulfide	2.501	76	706	0.266	ug/l	# 76
20) Methylene Chloride	2.788	84	917	0.548	ug/l	# 86
31) Cyclohexane	5.543	56	2091	1.028	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	9041	5.175	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	12787	6.625	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.647	43	1016	0.422	ug/l	# 1
53) t-1,3-Dichloropropene	9.006	75	43	0.912	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	45044	23.013	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	45044	65.355	ug/l	# 5
95) Naphthalene	13.786	128	1244	0.906	ug/l	# 92

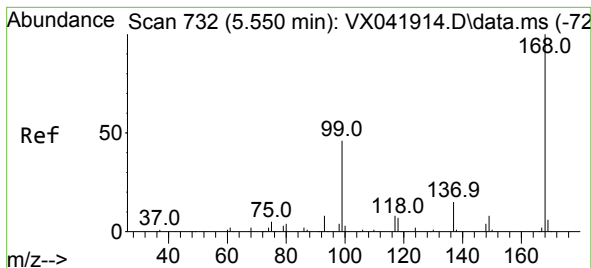
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 19 07:57:22 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: VX041938.D

Acq: 19 Jun 2024 11:08

Instrument :

MSVOA_X

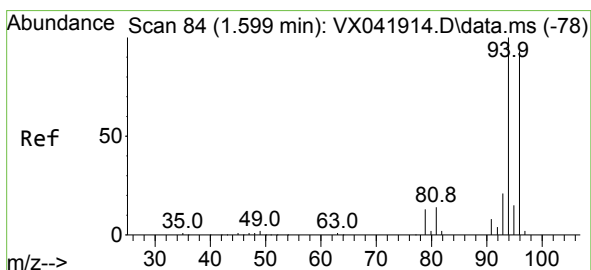
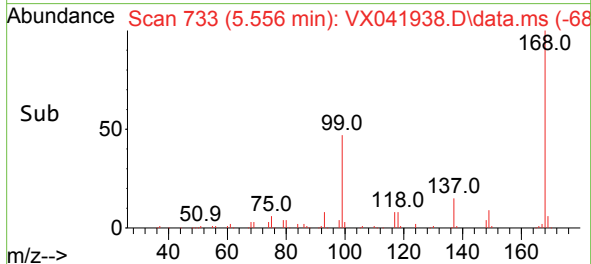
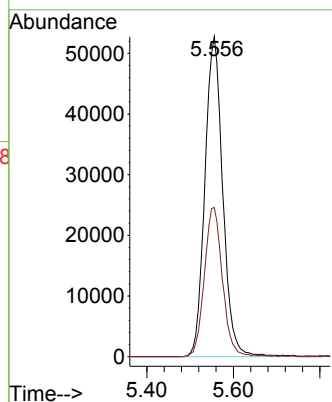
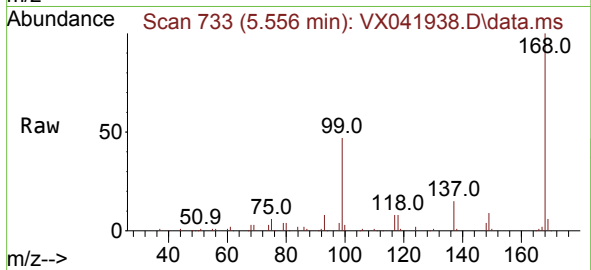
ClientSampleId :

Tgt Ion:168 Resp: 150817

Ion Ratio Lower Upper

168 100

99 46.6 56.6 85.0#



#5

Bromomethane

Concen: 0.482 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041938.D

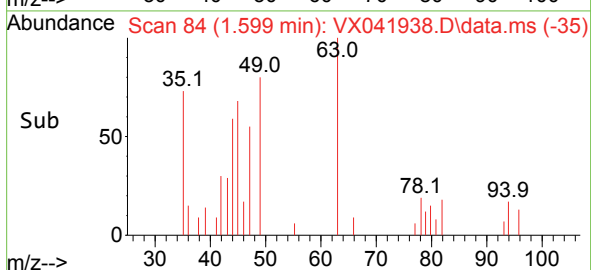
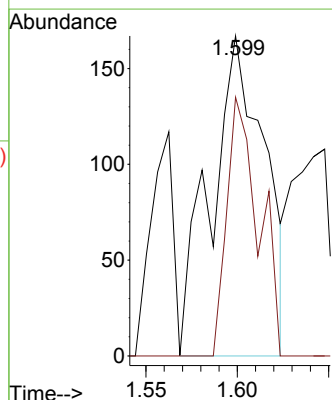
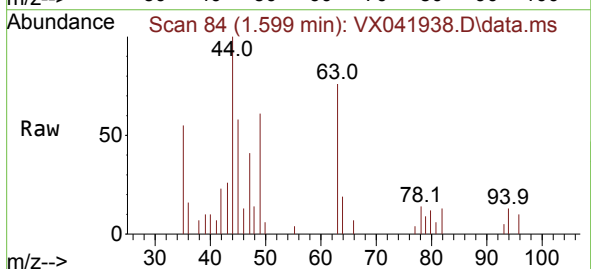
Acq: 19 Jun 2024 11:08

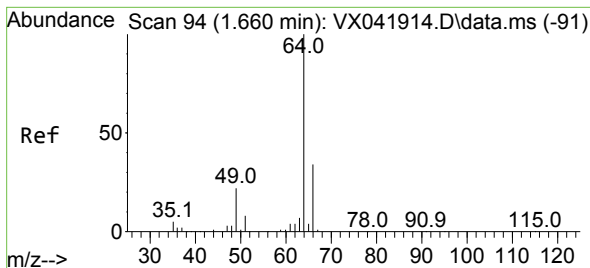
Tgt Ion: 94 Resp: 344

Ion Ratio Lower Upper

94 100

96 80.8 74.6 111.8





#6

Chloroethane

Concen: Below Cal

RT: 1.666 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX041938.D

Acq: 19 Jun 2024 11:08

Instrument :

MSVOA_X

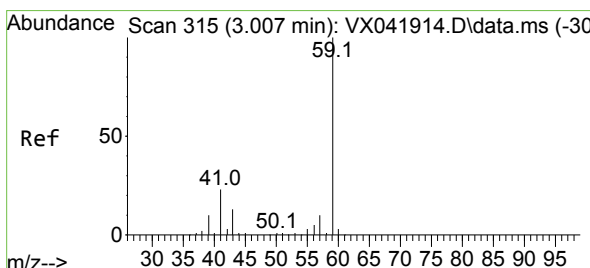
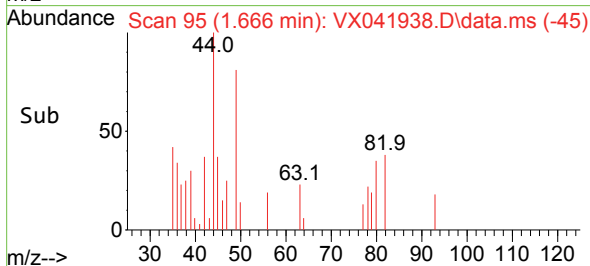
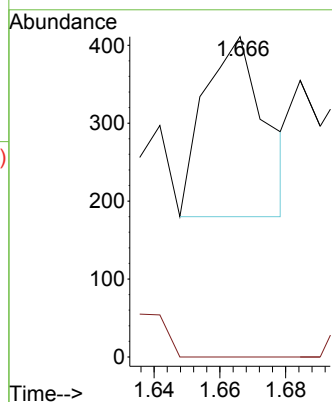
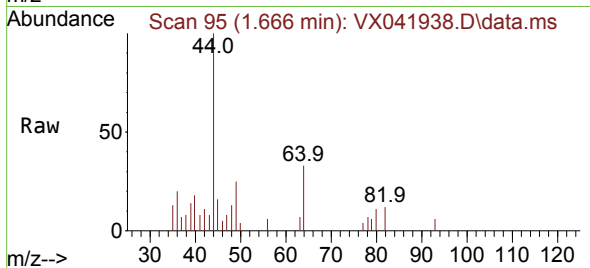
ClientSampleId :

Tgt Ion: 64 Resp: 296

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 0.970 ug/l

RT: 2.952 min Scan# 306

Delta R.T. -0.055 min

Lab File: VX041938.D

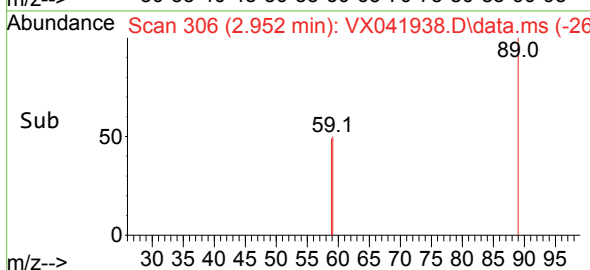
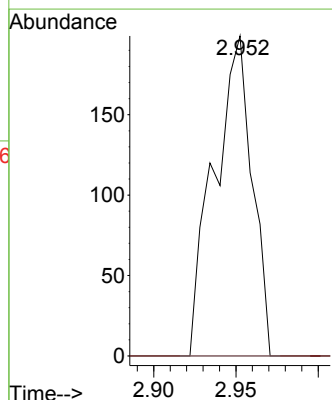
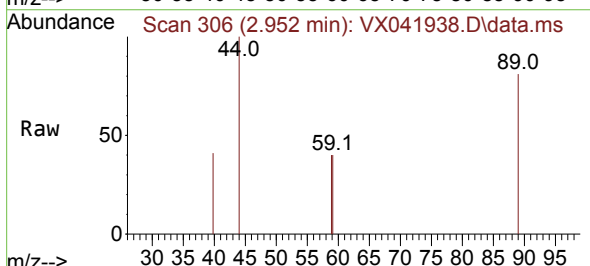
Acq: 19 Jun 2024 11:08

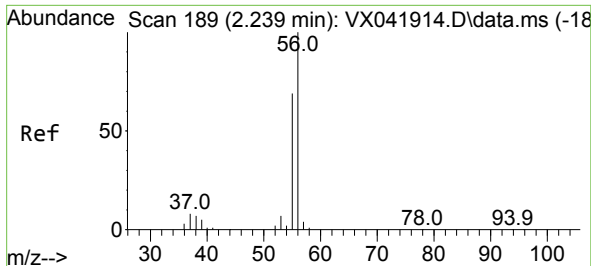
Tgt Ion: 59 Resp: 320

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.516 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX041938.D

Acq: 19 Jun 2024 11:08

Instrument :

MSVOA_X

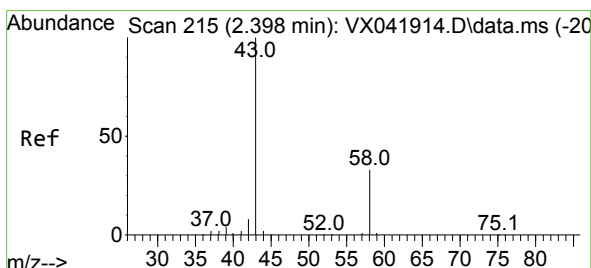
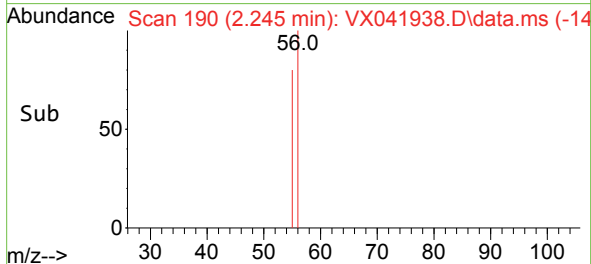
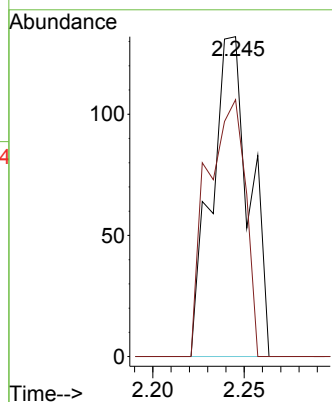
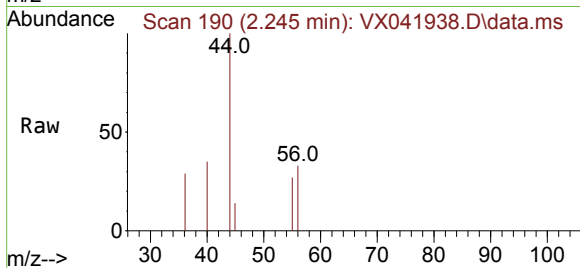
ClientSampleId :

Tgt Ion: 56 Resp: 191

Ion Ratio Lower Upper

56 100

55 81.2 57.1 85.7



#16

Acetone

Concen: 1.053 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.000 min

Lab File: VX041938.D

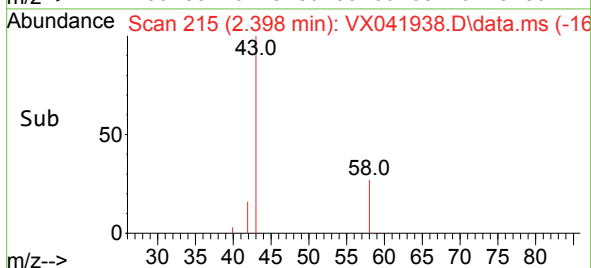
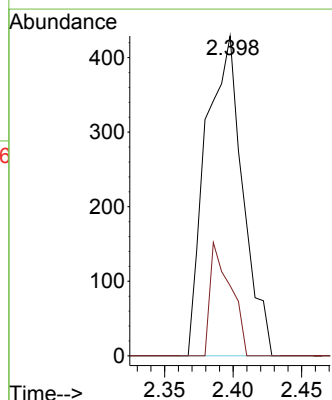
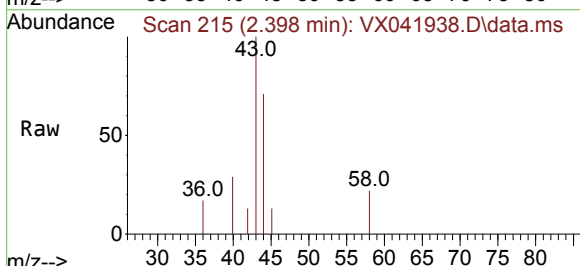
Acq: 19 Jun 2024 11:08

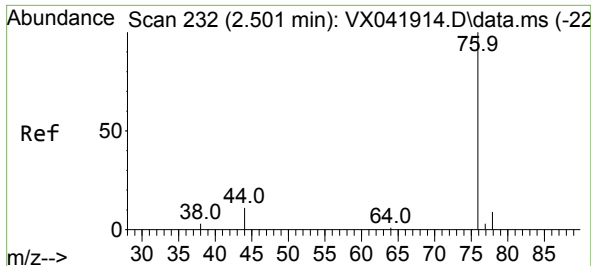
Tgt Ion: 43 Resp: 804

Ion Ratio Lower Upper

43 100

58 21.9 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.266 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

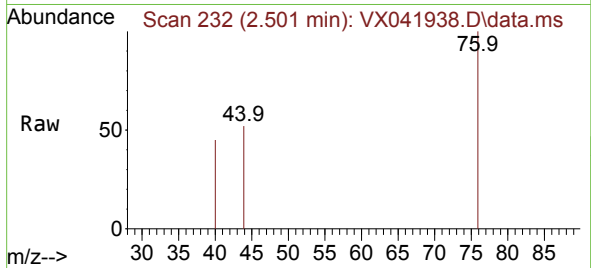
Lab File: VX041938.D

Acq: 19 Jun 2024 11:08

Instrument :

MSVOA_X

ClientSampleId :

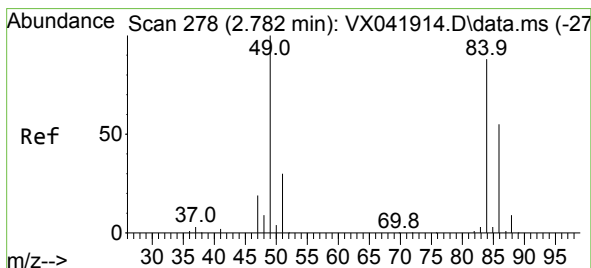
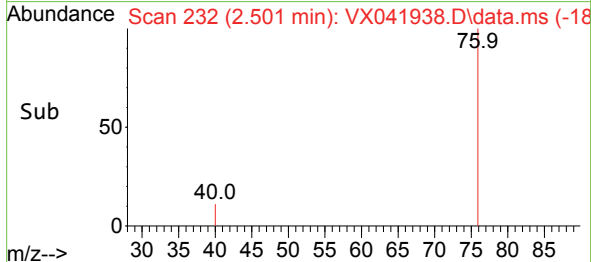
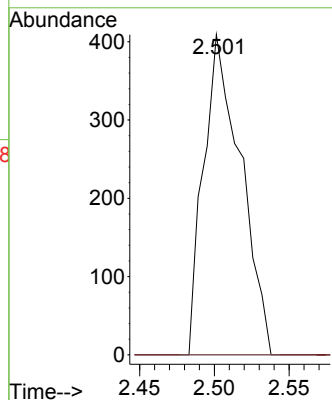


Tgt Ion: 76 Resp: 706

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.548 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX041938.D

Acq: 19 Jun 2024 11:08

Tgt Ion: 84 Resp: 917

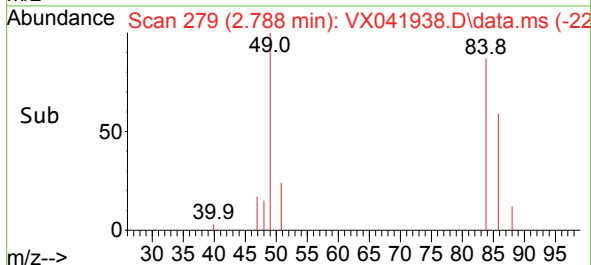
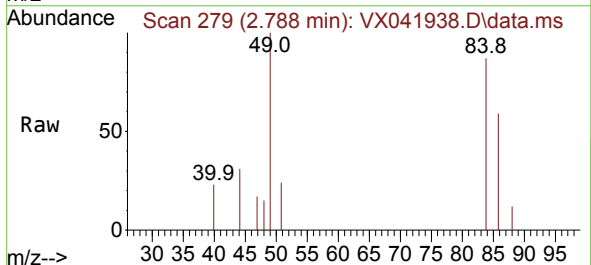
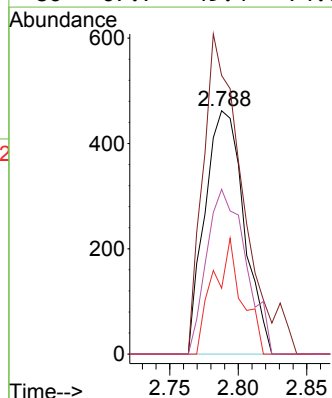
Ion Ratio Lower Upper

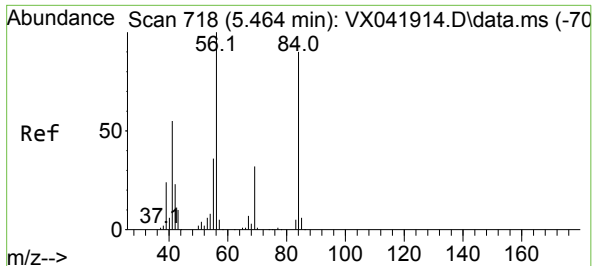
84 100

49 114.5 103.6 155.4

51 27.1 33.8 50.6#

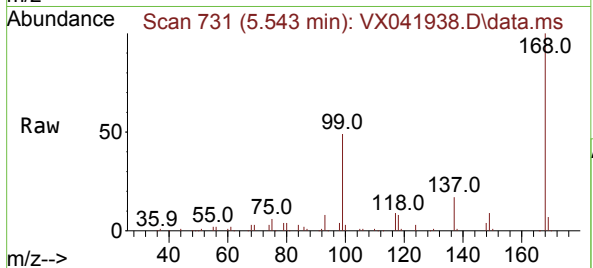
86 67.7 49.4 74.0



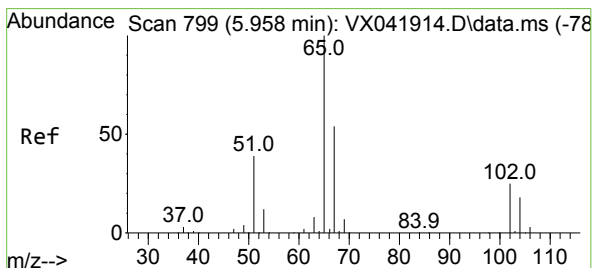
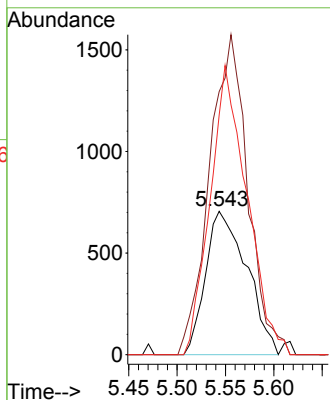
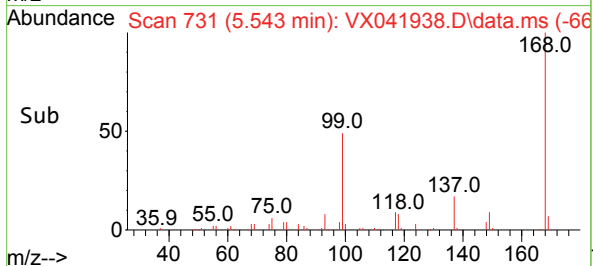


#31
Cyclohexane
Concen: 1.028 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041938.D
Acq: 19 Jun 2024 11:08

Instrument :
MSVOA_X
ClientSampleId :

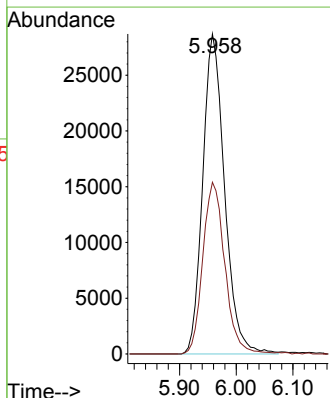
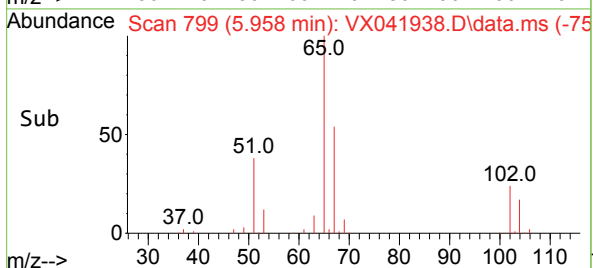
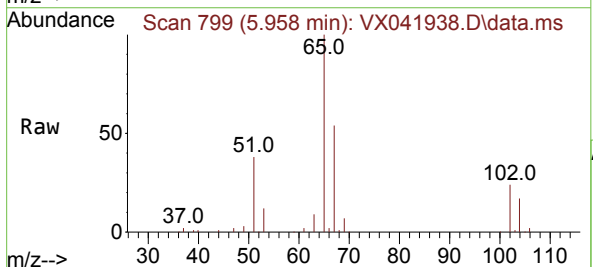


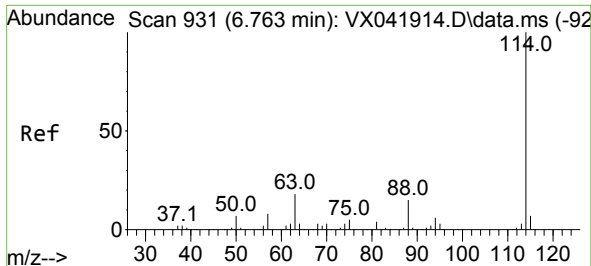
Tgt Ion: 56 Resp: 2091
Ion Ratio Lower Upper
56 100
69 183.4 23.4 35.2#
84 167.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.209 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX041938.D
Acq: 19 Jun 2024 11:08

Tgt Ion: 65 Resp: 76885
Ion Ratio Lower Upper
65 100
67 54.0 0.0 100.2

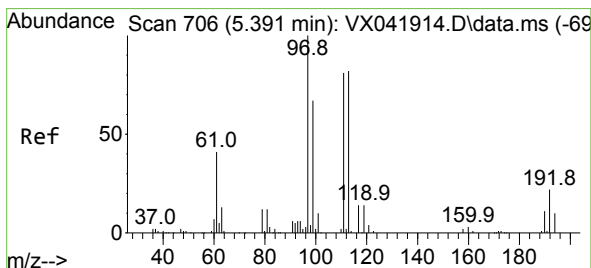
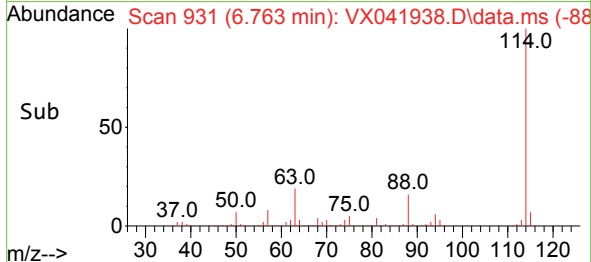
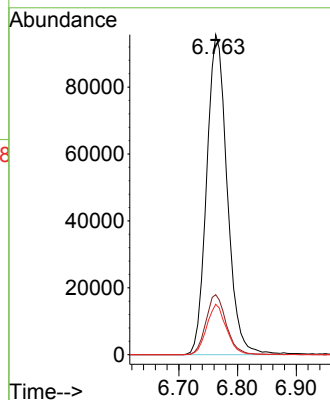
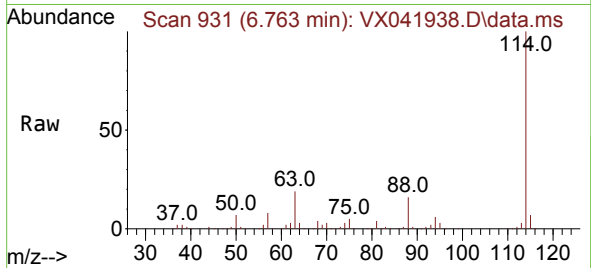




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041938.D
Acq: 19 Jun 2024 11:08

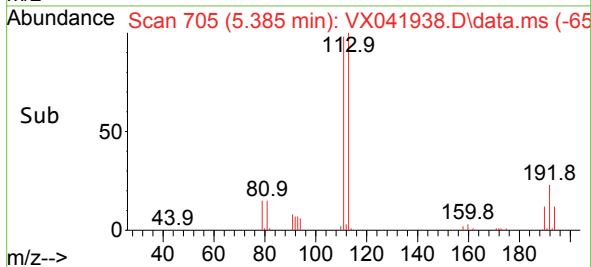
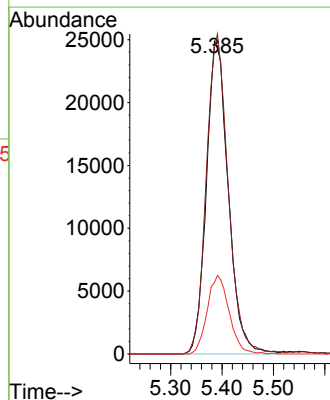
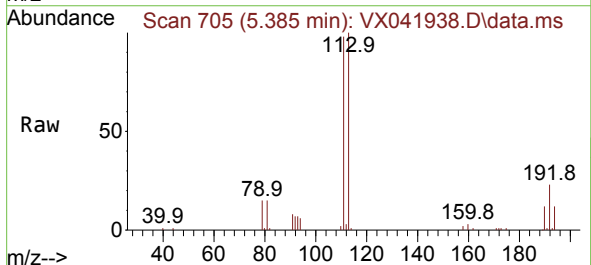
Instrument :
MSVOA_X
ClientSampleId :

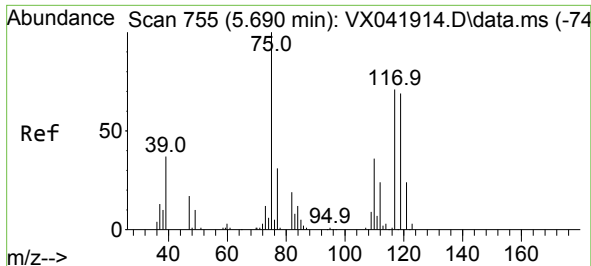
Tgt Ion:114 Resp: 231850
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.714 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041938.D
Acq: 19 Jun 2024 11:08

Tgt Ion:113 Resp: 73558
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 25.1 13.3 19.9#

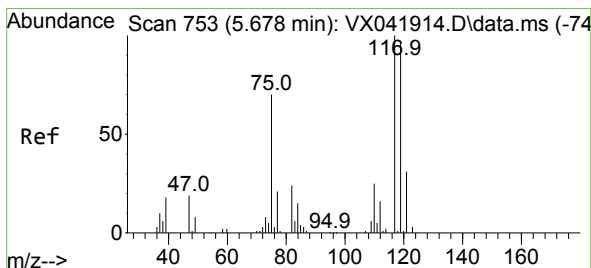
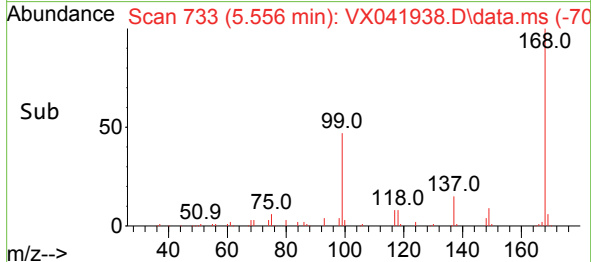
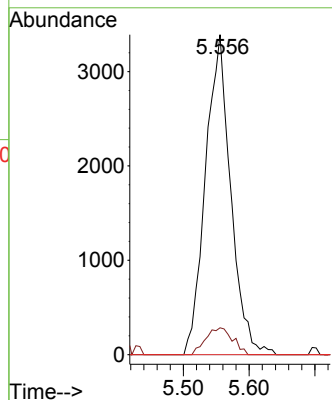
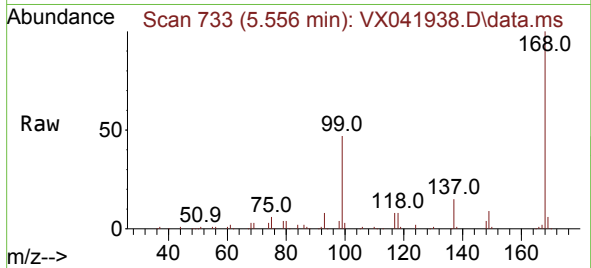




#36
1,1-Dichloropropene
Concen: 5.175 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX041938.D
Acq: 19 Jun 2024 11:08

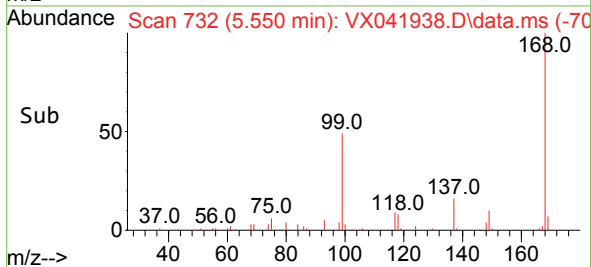
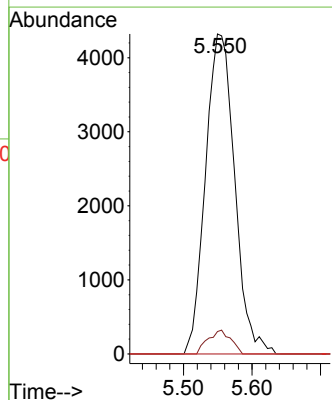
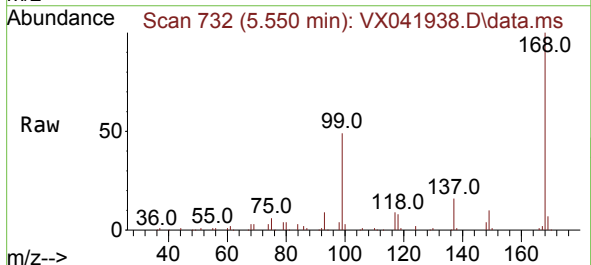
Instrument :
MSVOA_X
ClientSampleId :

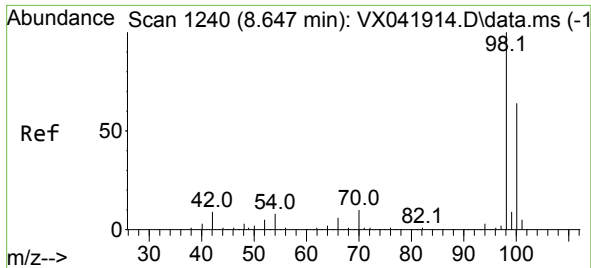
Tgt Ion: 75 Resp: 9041
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.625 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX041938.D
Acq: 19 Jun 2024 11:08

Tgt Ion: 117 Resp: 12787
Ion Ratio Lower Upper
117 100
119 7.0 78.2 117.2#
121 0.0 24.4 36.6#

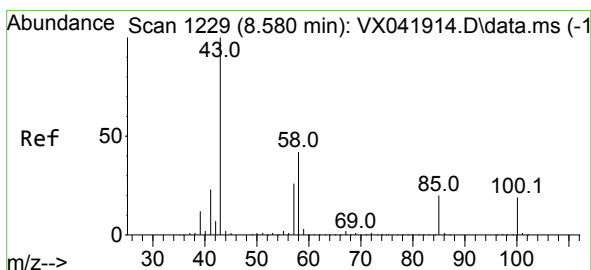
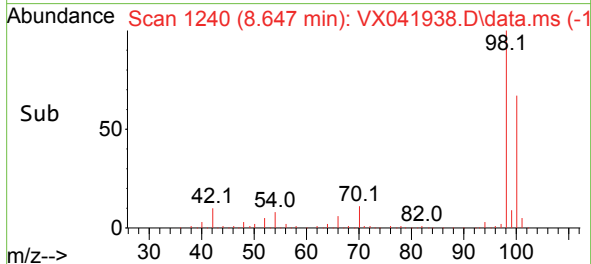
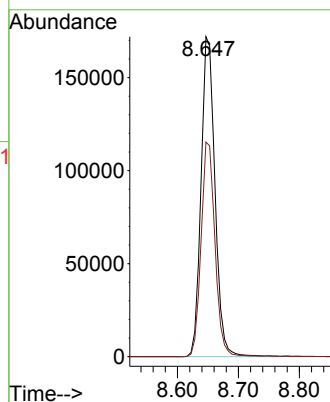
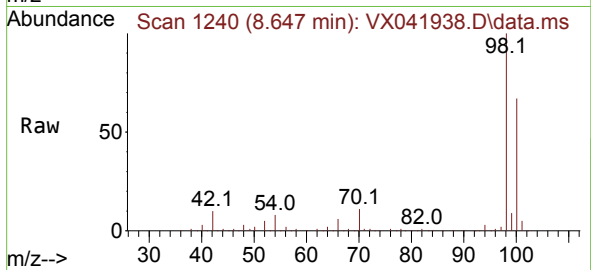




#50
Toluene-d8
Concen: 47.218 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041938.D
Acq: 19 Jun 2024 11:08

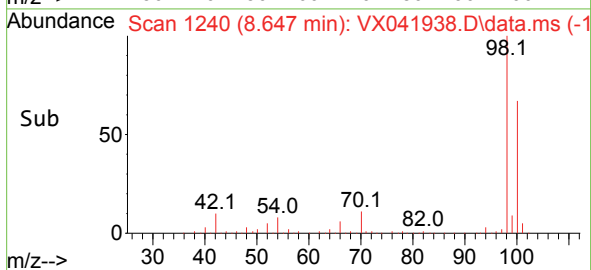
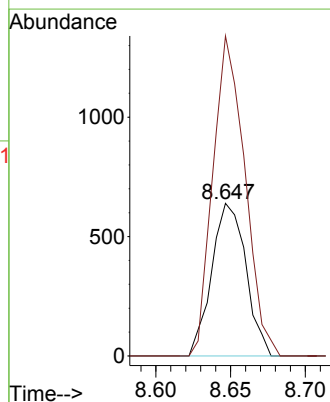
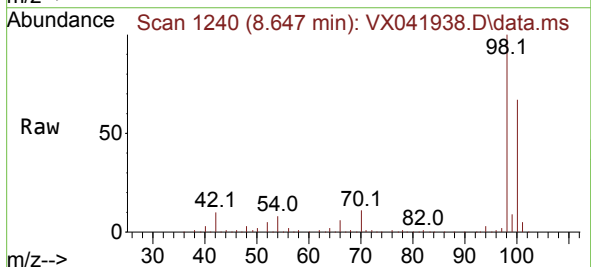
Instrument :
MSVOA_X
ClientSampleId :

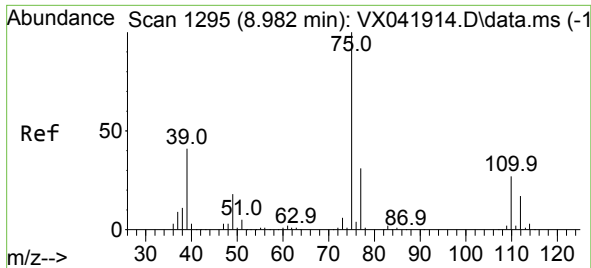
Tgt Ion: 98 Resp: 272887
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.422 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041938.D
Acq: 19 Jun 2024 11:08

Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
58 196.3 30.4 45.6#

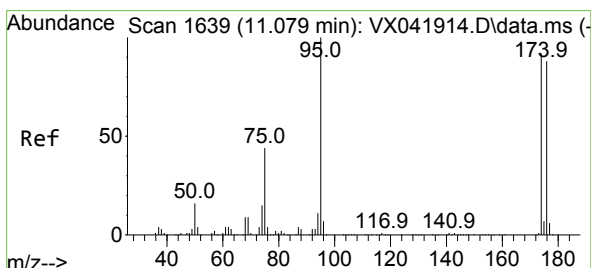
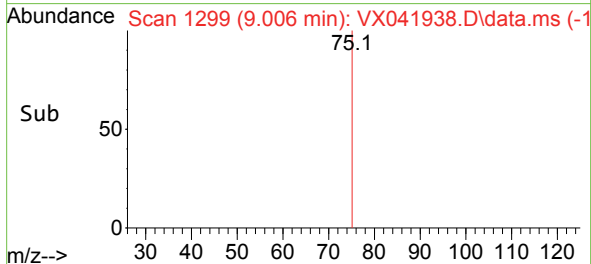
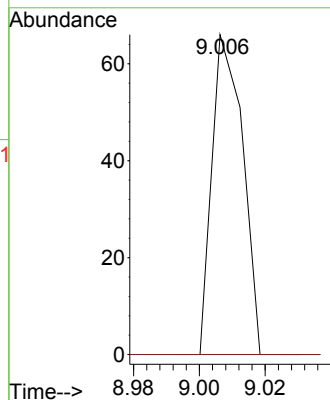
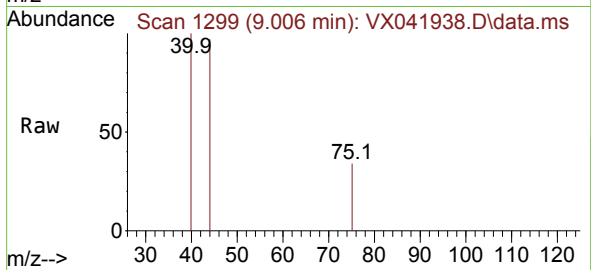




#53
t-1,3-Dichloropropene
Concen: 0.912 ug/l
RT: 9.006 min Scan# 1299
Delta R.T. 0.024 min
Lab File: VX041938.D
Acq: 19 Jun 2024 11:08

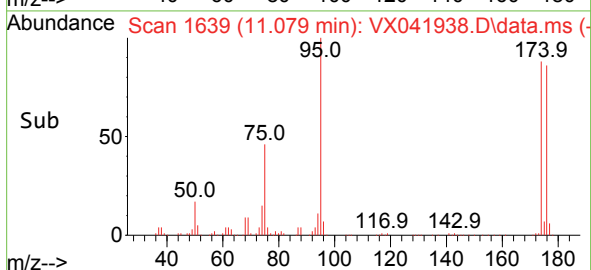
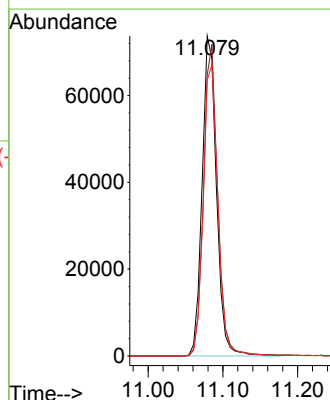
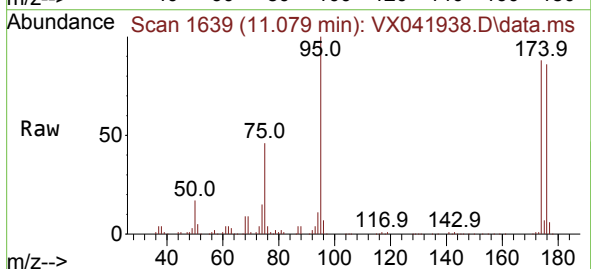
Instrument :
MSVOA_X
ClientSampleId :

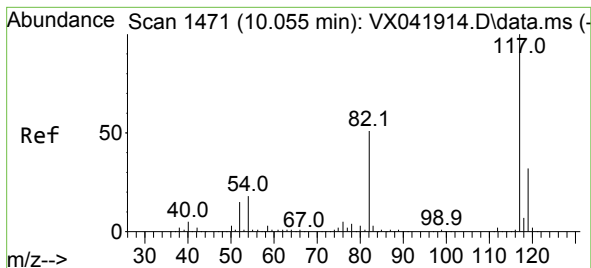
Tgt Ion: 75 Resp: 43
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 46.156 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041938.D
Acq: 19 Jun 2024 11:08

Tgt Ion: 95 Resp: 98330
Ion Ratio Lower Upper
95 100
174 96.8 0.0 135.6
176 92.6 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: VX041938.D

Acq: 19 Jun 2024 11:08

Instrument :

MSVOA_X

ClientSampleId :

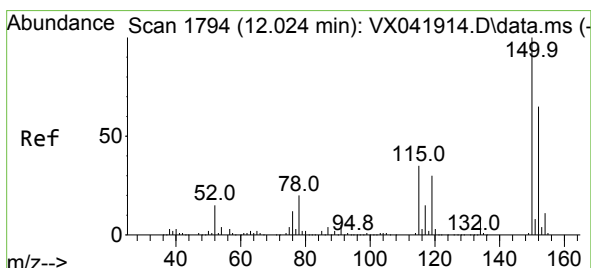
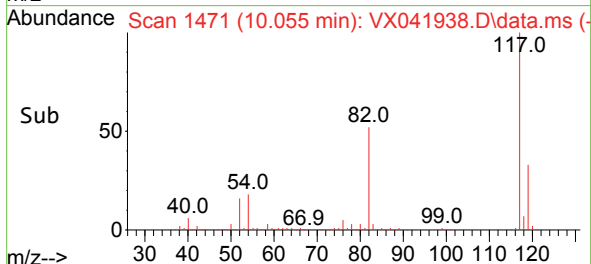
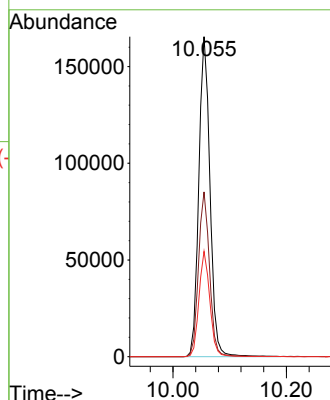
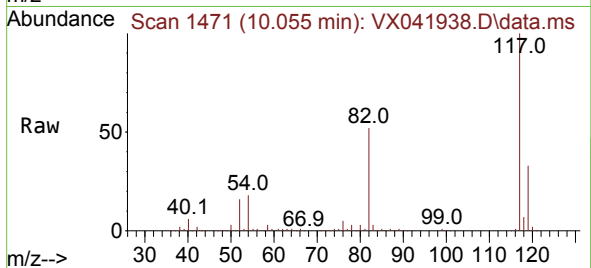
Tgt Ion:117 Resp: 226091

Ion Ratio Lower Upper

117 100

82 51.5 46.2 69.4

119 32.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041938.D

Acq: 19 Jun 2024 11:08

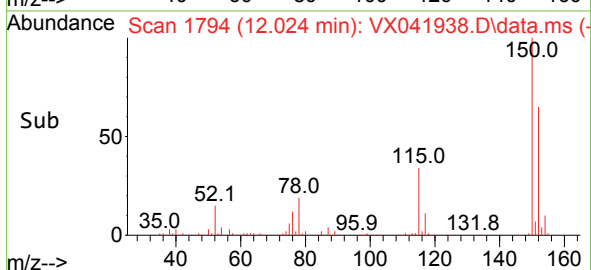
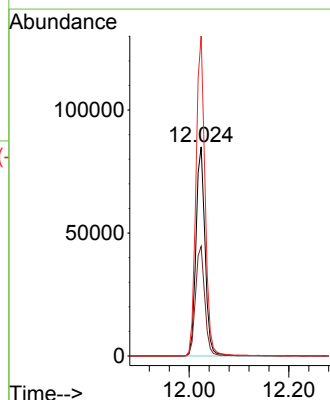
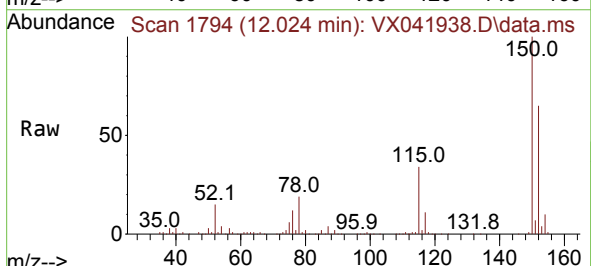
Tgt Ion:152 Resp: 107818

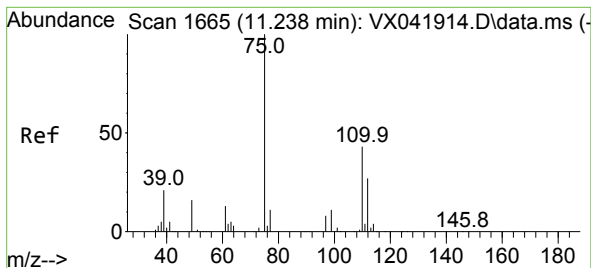
Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 153.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.013 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041938.D

Acq: 19 Jun 2024 11:08

Instrument :

MSVOA_X

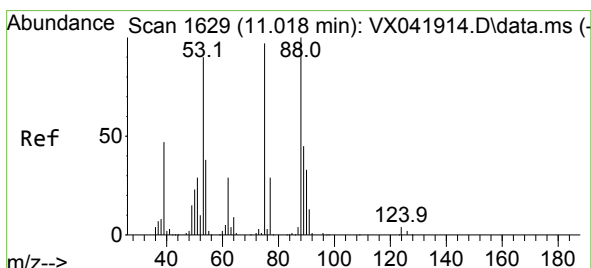
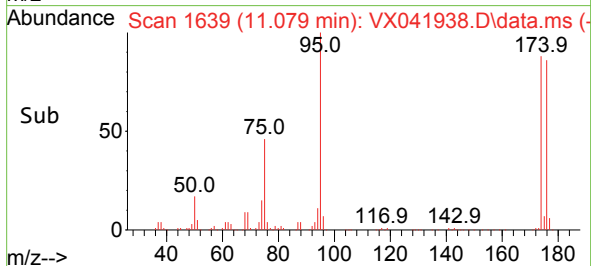
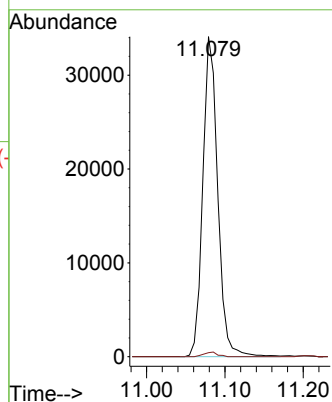
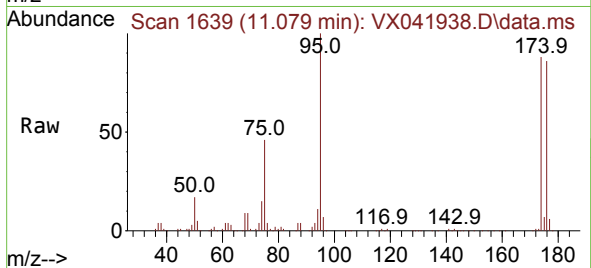
ClientSampleId :

Tgt Ion: 75 Resp: 45044

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.355 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041938.D

Acq: 19 Jun 2024 11:08

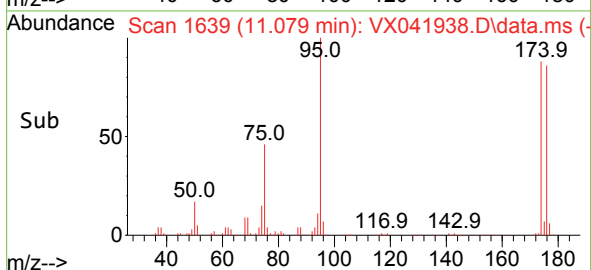
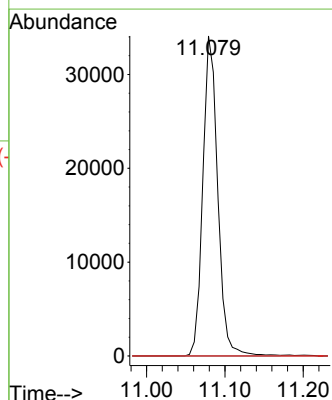
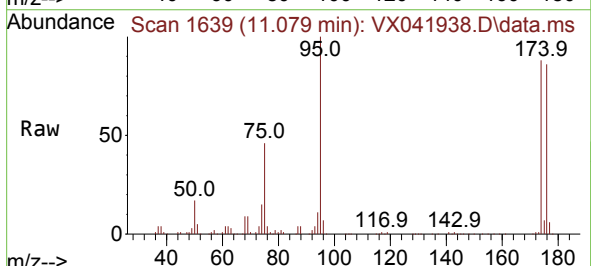
Tgt Ion: 75 Resp: 45044

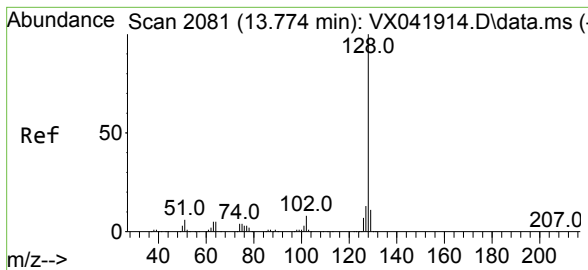
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

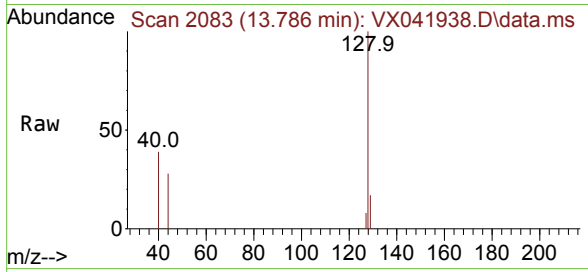
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.906 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX041938.D
Acq: 19 Jun 2024 11:08

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	1244
Ion	Ratio	Lower	Upper
128	100		
127	7.3	10.3	15.5#
129	11.3	8.8	13.2

