

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041754.D
 Acq On : 05 Jun 2024 16:49
 Operator : JC/MD
 Sample : P2718-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 02:22:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

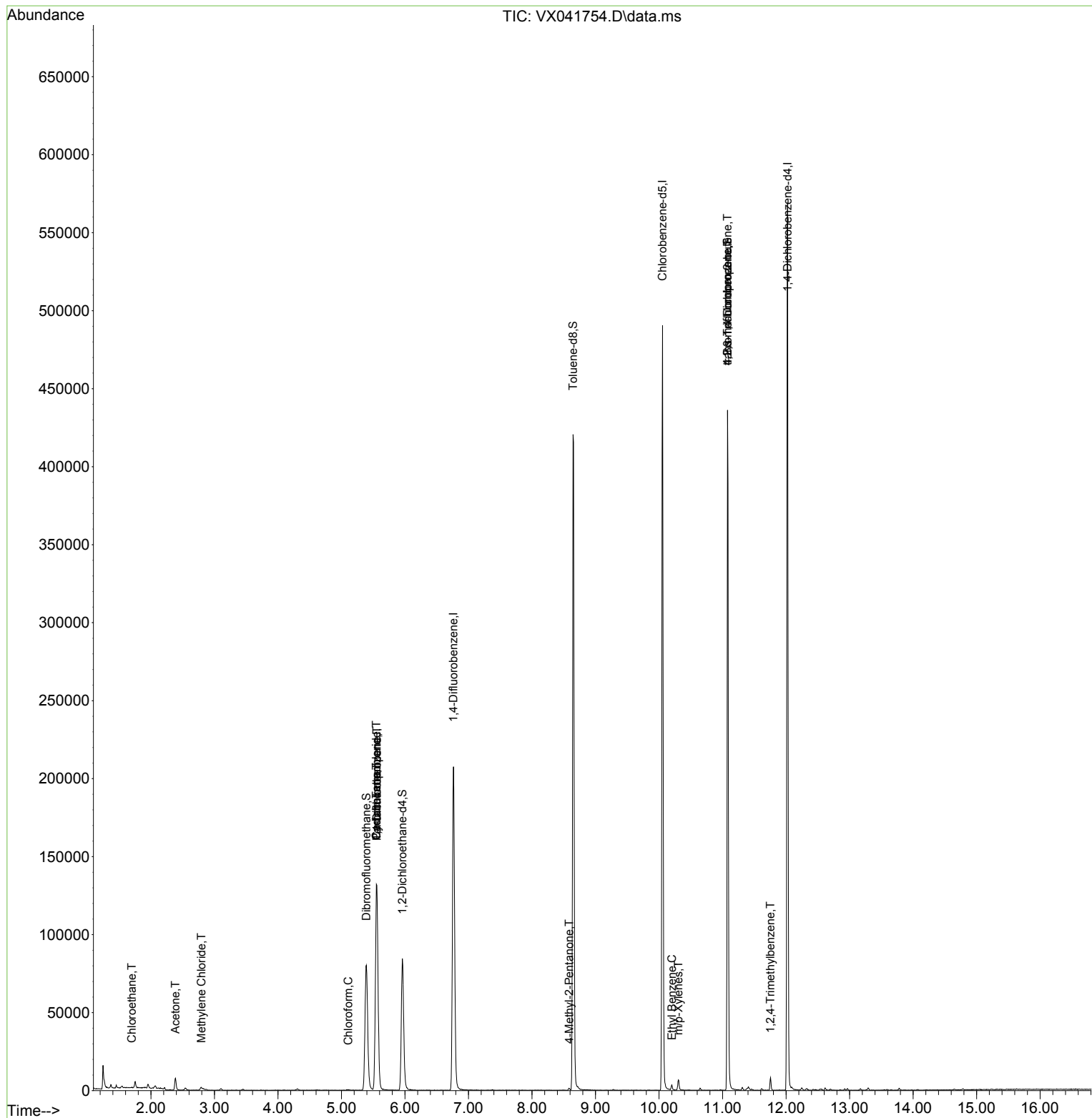
Internal Standards						
1) Pentafluorobenzene	5.556	168	139805	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	217167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82659	48.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.420%
35) Dibromofluoromethane	5.391	113	70192	46.749	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.500%
50) Toluene-d8	8.646	98	257665	49.113	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.220%
62) 4-Bromofluorobenzene	11.079	95	107489	55.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.020%
Target Compounds						
					Qvalue	
6) Chloroethane	1.696	64	273	0.327	ug/l	# 43
16) Acetone	2.385	43	8306	8.345	ug/l	96
20) Methylene Chloride	2.794	84	709	0.462	ug/l	# 78
30) Chloroform	5.104	83	517	0.208	ug/l	93
31) Cyclohexane	5.549	56	2421	1.196	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	9070	4.989	ug/l	# 50
38) Carbon Tetrachloride	5.549	117	12368	5.988	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.585	43	960	0.427	ug/l	98
67) Ethyl Benzene	10.201	91	2209	0.289	ug/l	# 79
68) m/p-Xylenes	10.305	106	1969	0.648	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	55359	24.377	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	55359	66.439	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	3836	0.562	ug/l	97

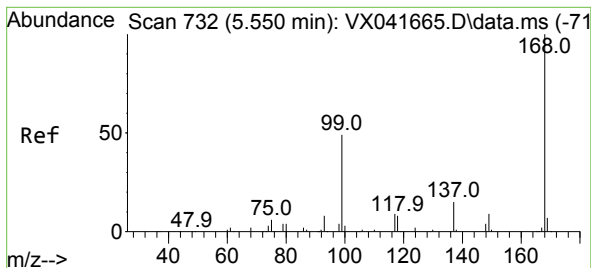
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 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: VX041754.D

Acq: 05 Jun 2024 16:49

Instrument :

MSVOA_X

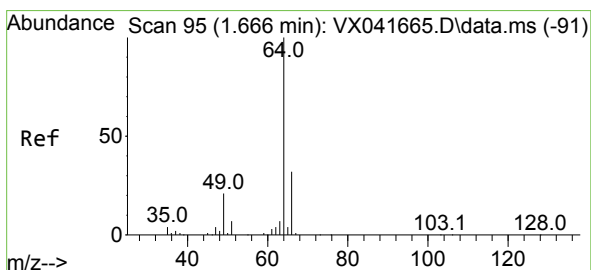
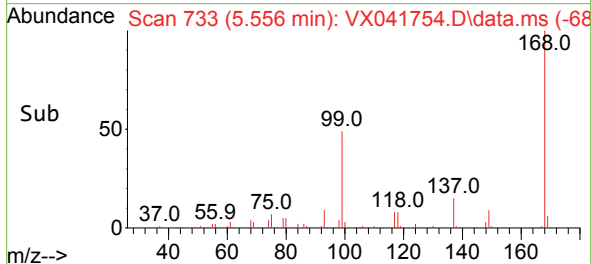
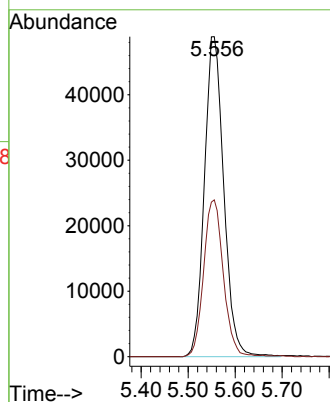
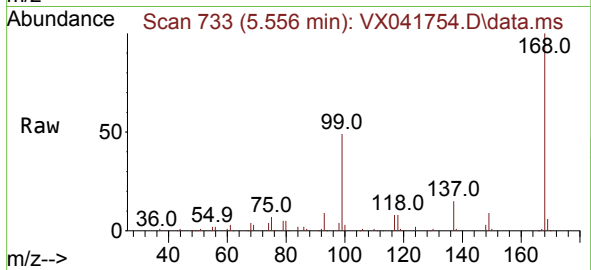
ClientSampleId :

Tgt Ion:168 Resp: 139805

Ion Ratio Lower Upper

168 100

99 49.0 56.6 85.0#



#6

Chloroethane

Concen: 0.327 ug/l

RT: 1.696 min Scan# 100

Delta R.T. 0.030 min

Lab File: VX041754.D

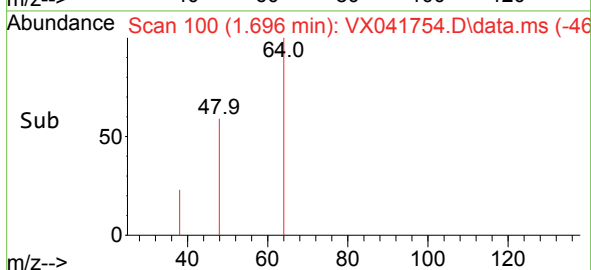
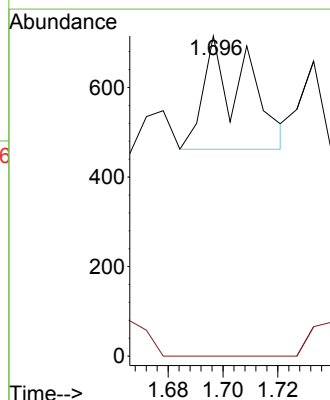
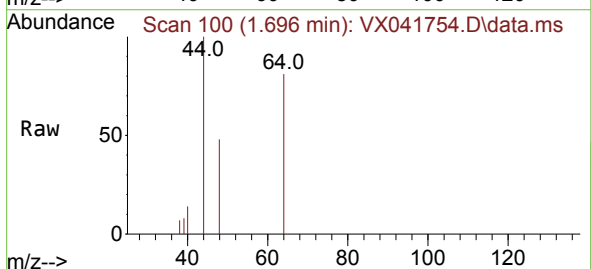
Acq: 05 Jun 2024 16:49

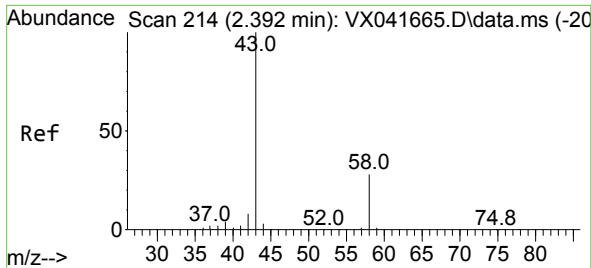
Tgt Ion: 64 Resp: 273

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#16

Acetone

Concen: 8.345 ug/l

RT: 2.385 min Scan# 214

Delta R.T. -0.007 min

Lab File: VX041754.D

Acq: 05 Jun 2024 16:49

Instrument :

MSVOA_X

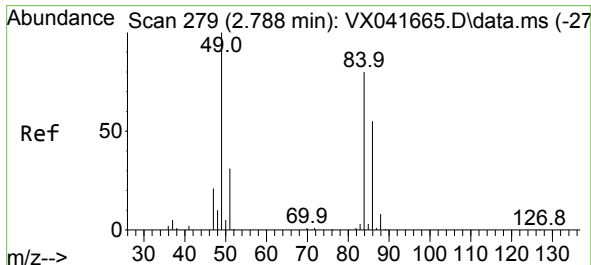
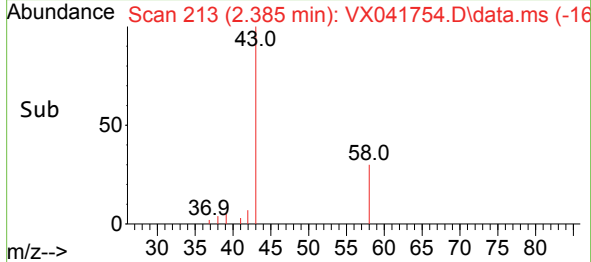
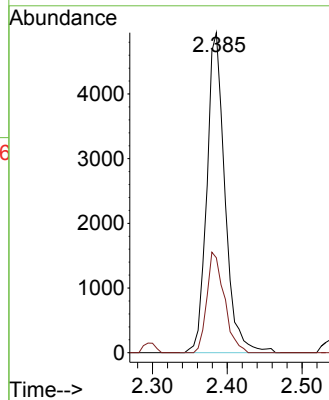
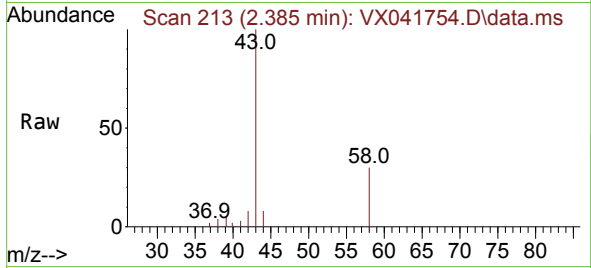
ClientSampleId :

Tgt Ion: 43 Resp: 8306

Ion Ratio Lower Upper

43 100

58 29.6 21.9 32.9



#20

Methylene Chloride

Concen: 0.462 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX041754.D

Acq: 05 Jun 2024 16:49

Tgt Ion: 84 Resp: 709

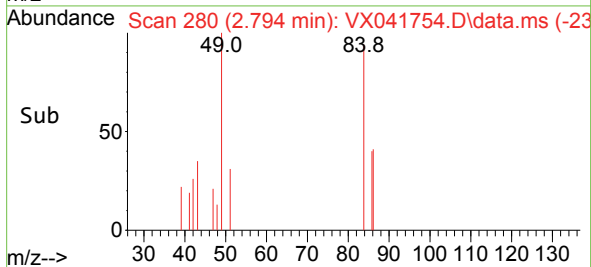
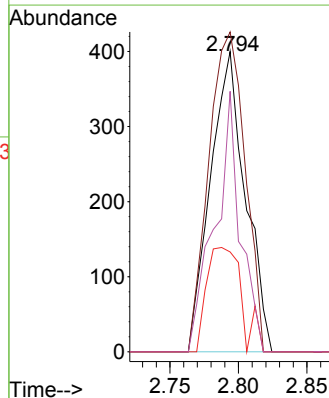
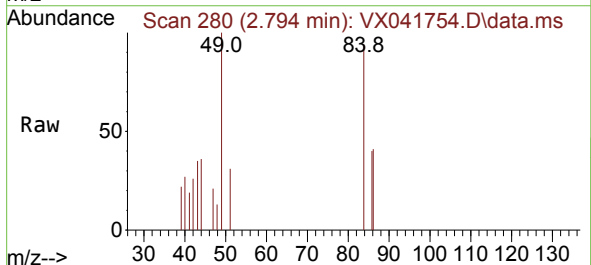
Ion Ratio Lower Upper

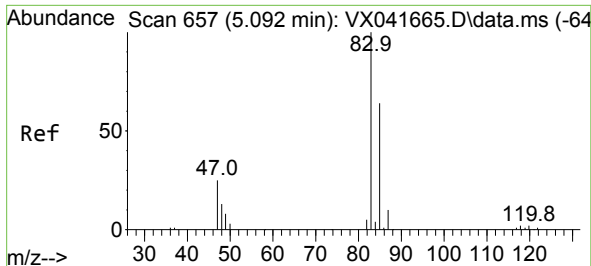
84 100

49 106.5 103.6 155.4

51 33.3 33.8 50.6#

86 86.8 49.4 74.0#

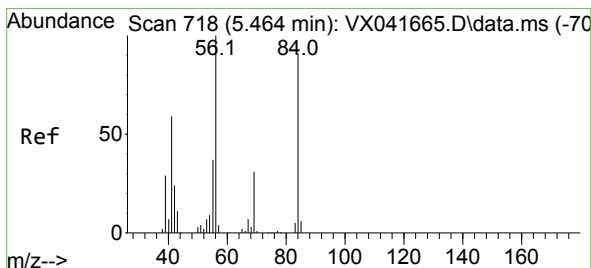
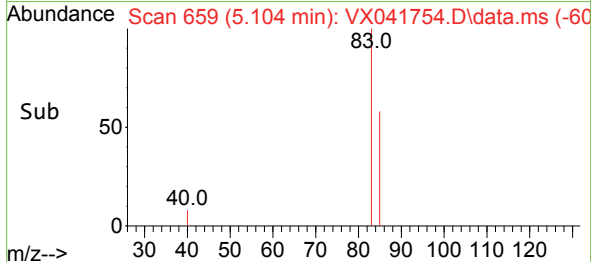
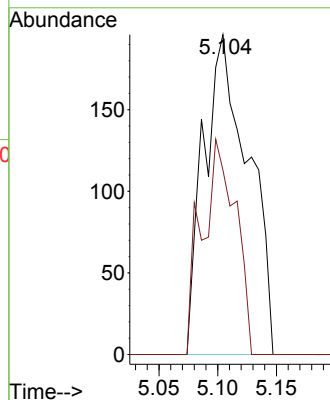
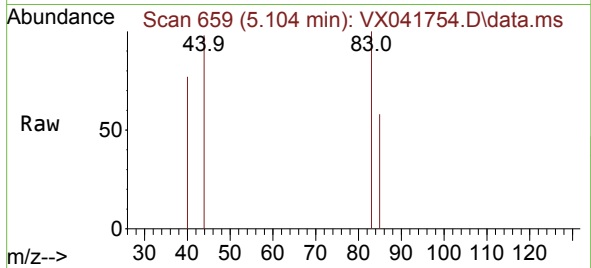




#30
Chloroform
Concen: 0.208 ug/l
RT: 5.104 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX041754.D
Acq: 05 Jun 2024 16:49

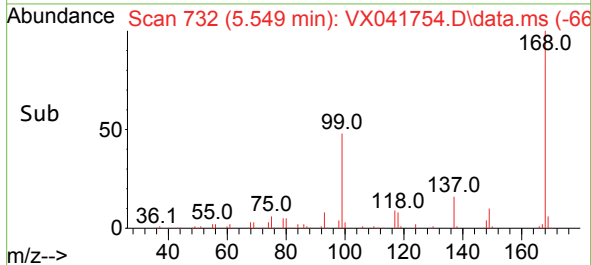
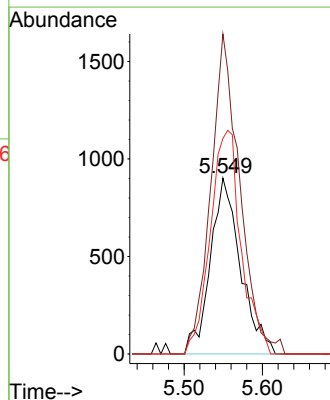
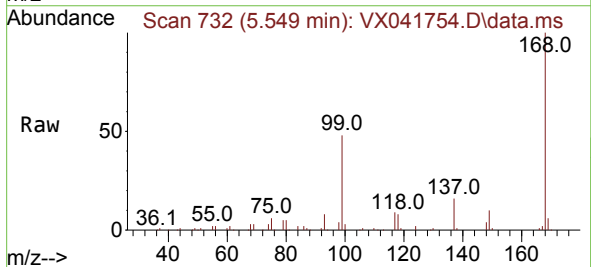
Instrument :
MSVOA_X
ClientSampleId :

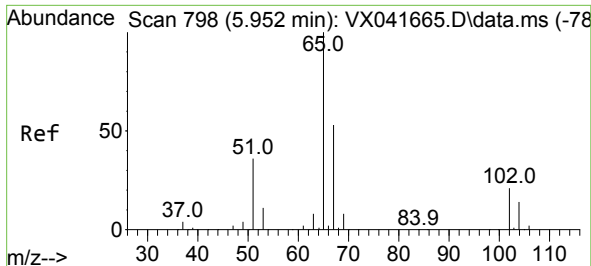
Tgt Ion: 83 Resp: 517
Ion Ratio Lower Upper
83 100
85 57.7 50.3 75.5



#31
Cyclohexane
Concen: 1.196 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX041754.D
Acq: 05 Jun 2024 16:49

Tgt Ion: 56 Resp: 2421
Ion Ratio Lower Upper
56 100
69 181.9 23.4 35.2#
84 122.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.207 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041754.D

Acq: 05 Jun 2024 16:49

Instrument :

MSVOA_X

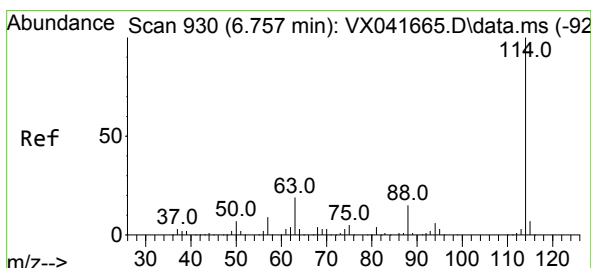
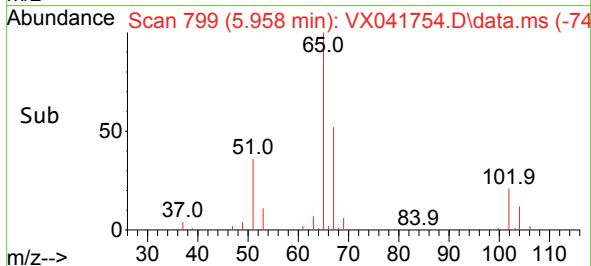
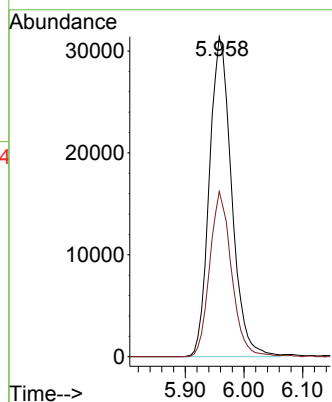
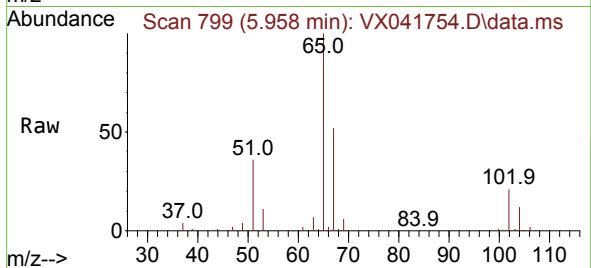
ClientSampleId :

Tgt Ion: 65 Resp: 82659

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041754.D

Acq: 05 Jun 2024 16:49

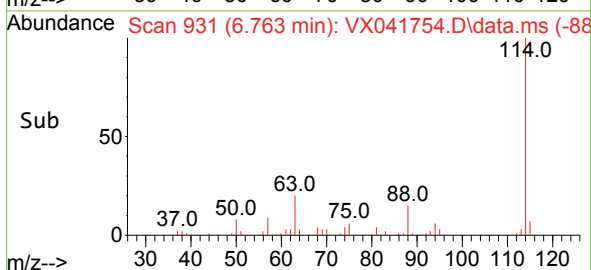
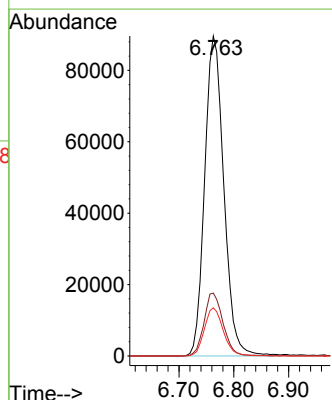
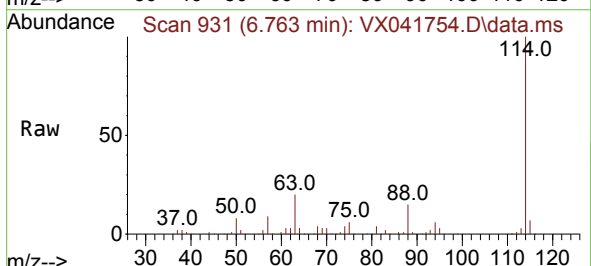
Tgt Ion: 114 Resp: 217167

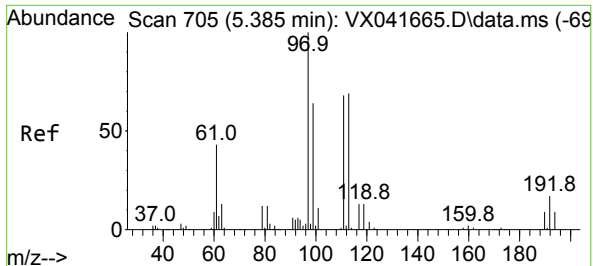
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

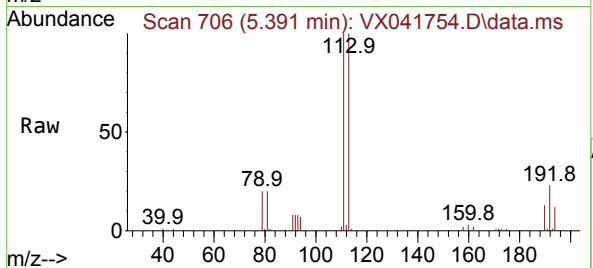
88 15.0 0.0 36.6



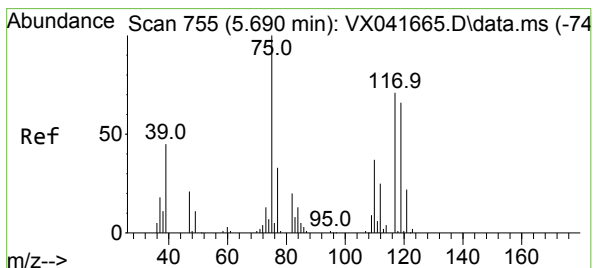
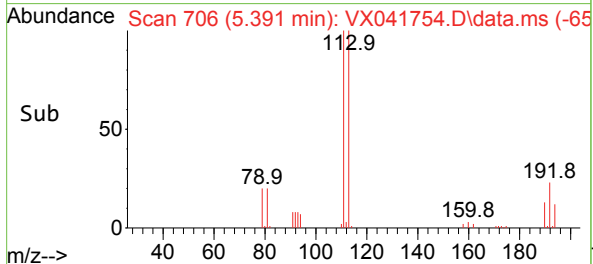
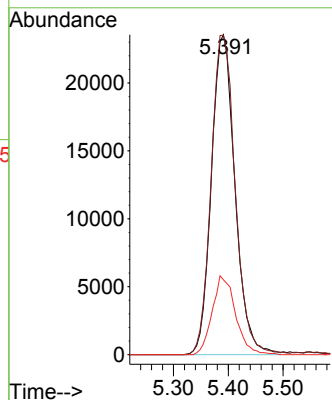


#35
Dibromofluoromethane
Concen: 46.749 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041754.D
Acq: 05 Jun 2024 16:49

Instrument :
MSVOA_X
ClientSampleId :

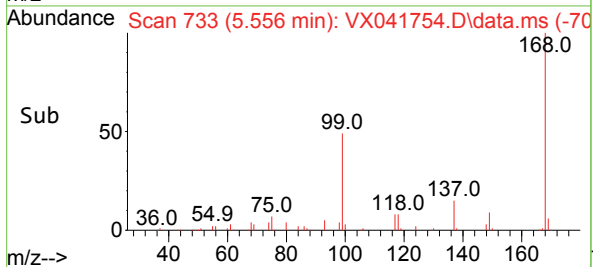
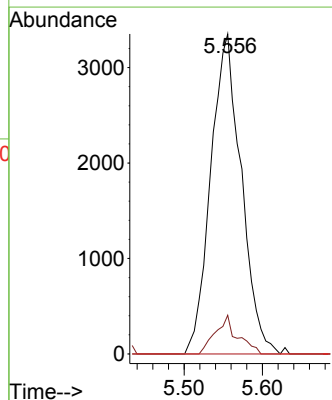
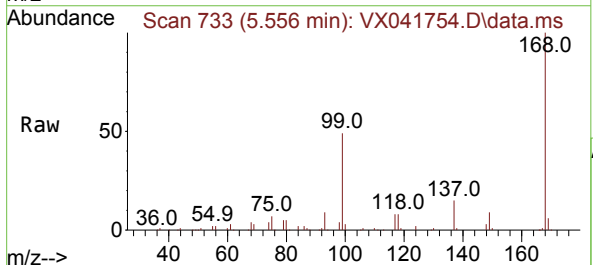


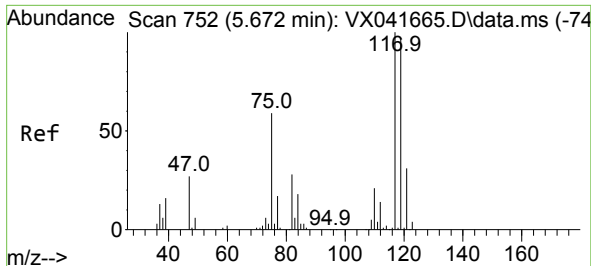
Tgt Ion:113 Resp: 70192
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 24.4 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.989 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX041754.D
Acq: 05 Jun 2024 16:49

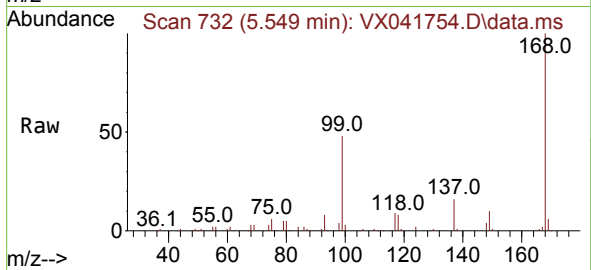
Tgt Ion: 75 Resp: 9070
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



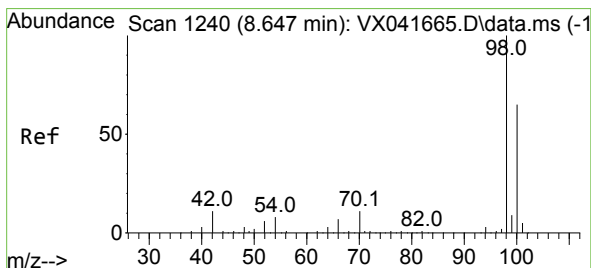
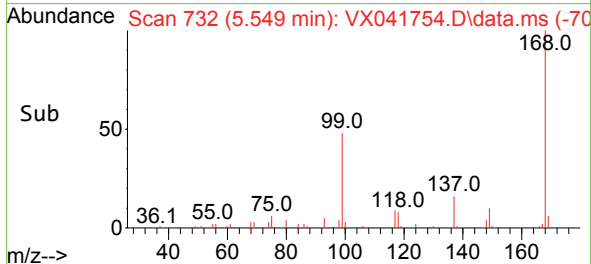
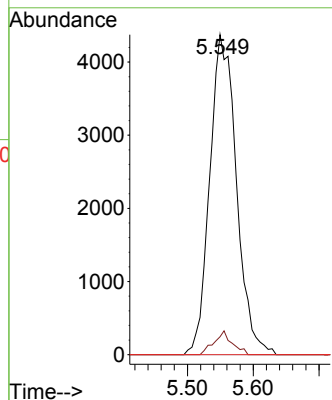


#38
Carbon Tetrachloride
Concen: 5.988 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041754.D
Acq: 05 Jun 2024 16:49

Instrument :
MSVOA_X
ClientSampleId :

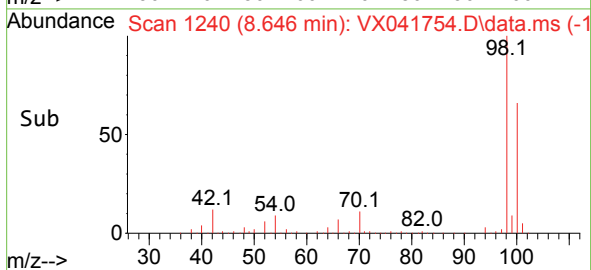
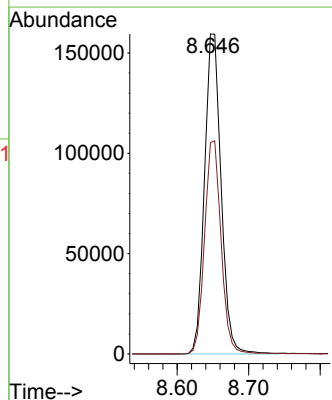
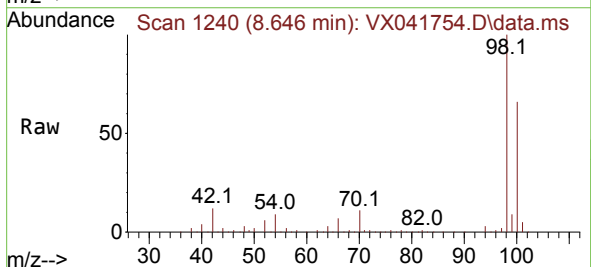


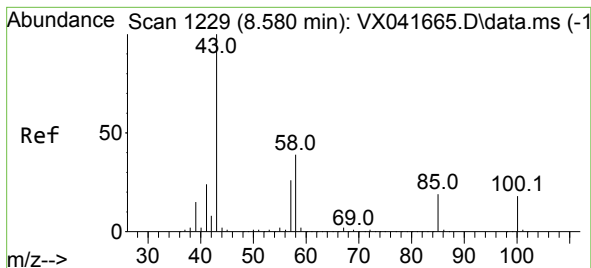
Tgt Ion:117 Resp: 12368
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.113 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041754.D
Acq: 05 Jun 2024 16:49

Tgt Ion: 98 Resp: 257665
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

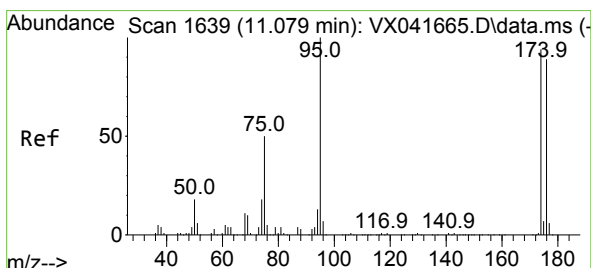
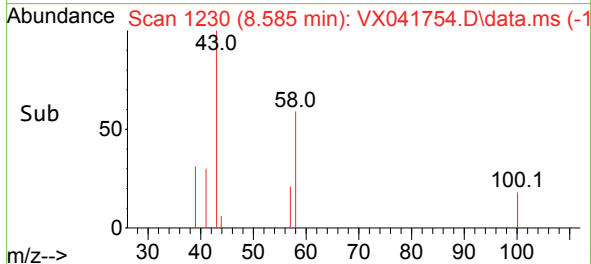
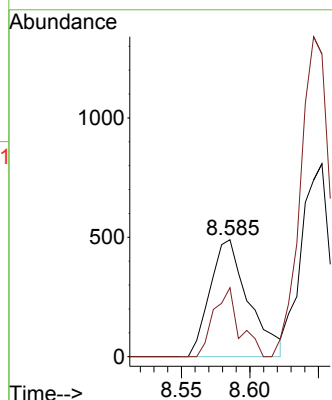
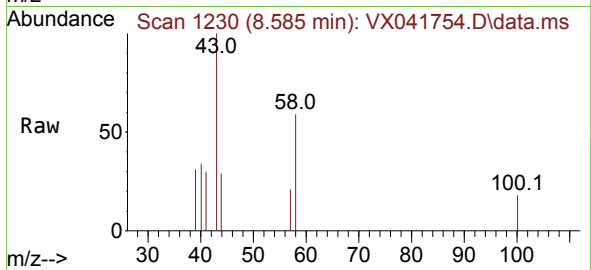




#51
 4-Methyl-2-Pentanone
 Concen: 0.427 ug/l
 RT: 8.585 min Scan# 1229
 Delta R.T. 0.006 min
 Lab File: VX041754.D
 Acq: 05 Jun 2024 16:49

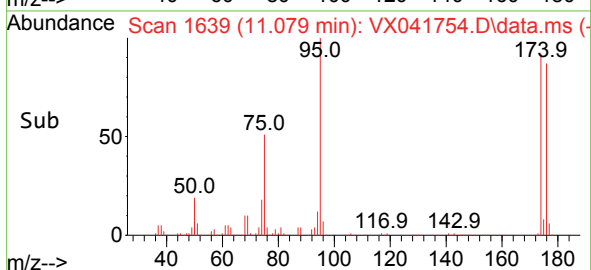
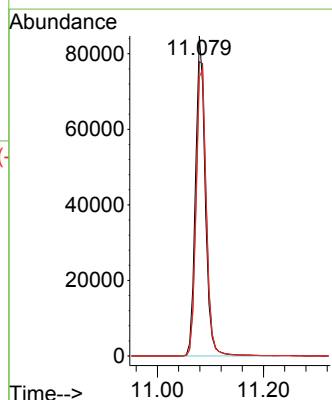
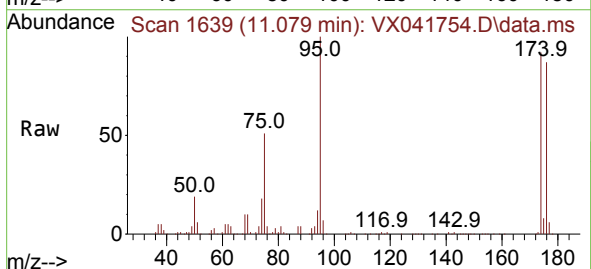
Instrument :
 MSVOA_X
 ClientSampleId :

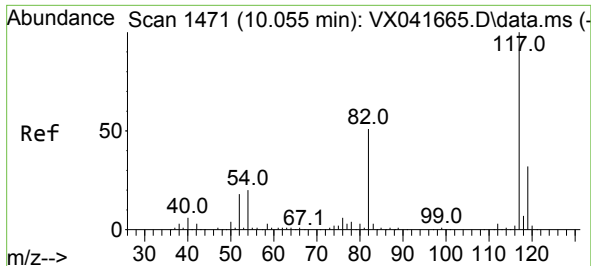
Tgt Ion: 43 Resp: 960
 Ion Ratio Lower Upper
 43 100
 58 39.3 30.4 45.6



#62
 4-Bromofluorobenzene
 Concen: 55.512 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX041754.D
 Acq: 05 Jun 2024 16:49

Tgt Ion: 95 Resp: 107489
 Ion Ratio Lower Upper
 95 100
 174 97.5 0.0 135.6
 176 94.0 0.0 131.0

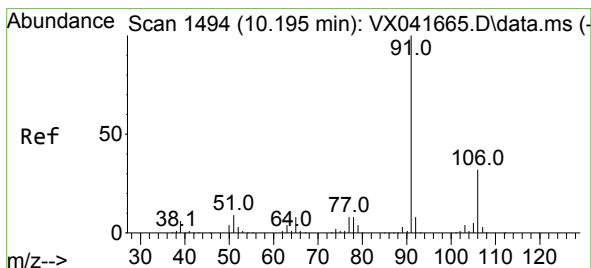
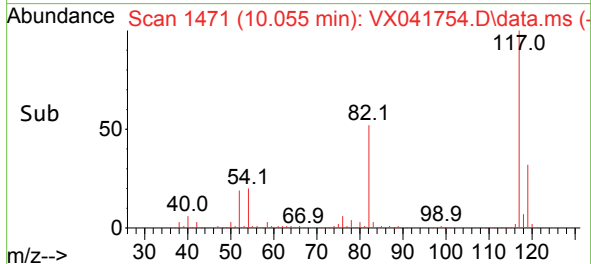
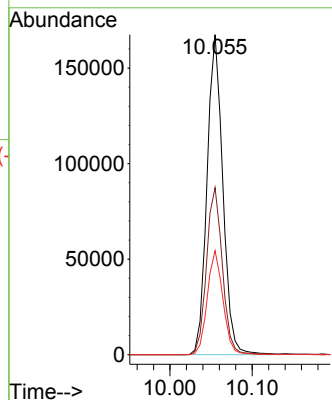
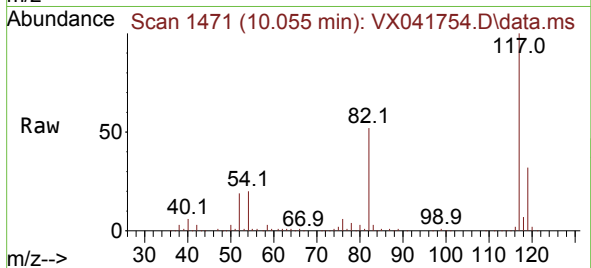




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041754.D
Acq: 05 Jun 2024 16:49

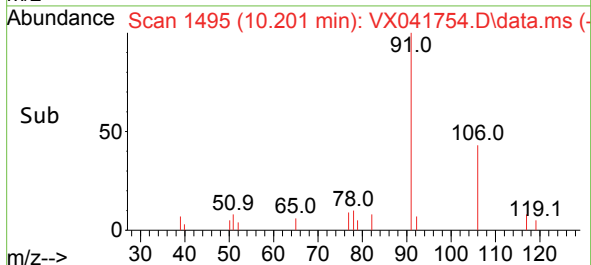
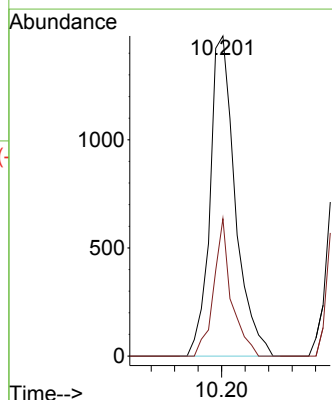
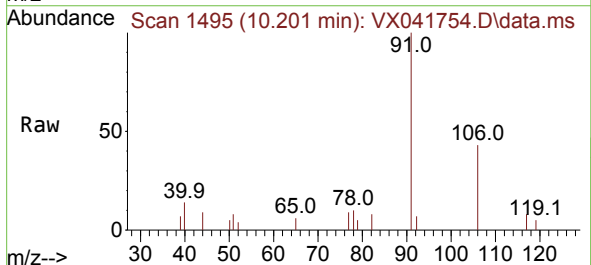
Instrument :
MSVOA_X
ClientSampleId :

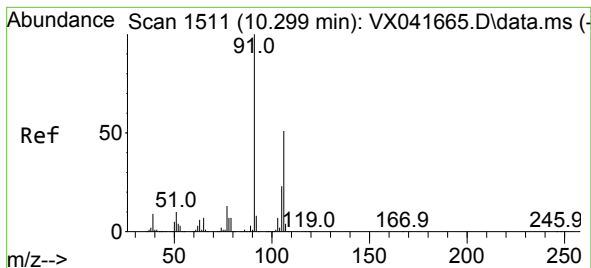
Tgt Ion:117 Resp: 223452
Ion Ratio Lower Upper
117 100
82 52.2 46.2 69.4
119 32.5 25.5 38.3



#67
Ethyl Benzene
Concen: 0.289 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX041754.D
Acq: 05 Jun 2024 16:49

Tgt Ion: 91 Resp: 2209
Ion Ratio Lower Upper
91 100
106 42.9 24.9 37.3#

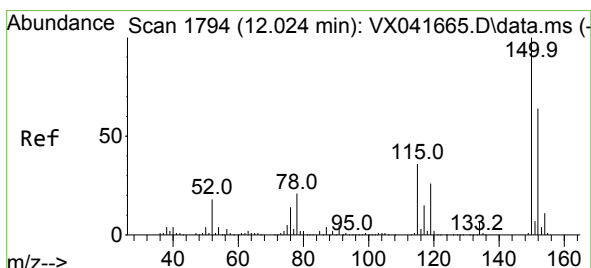
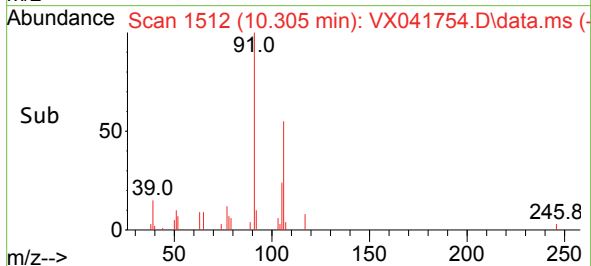
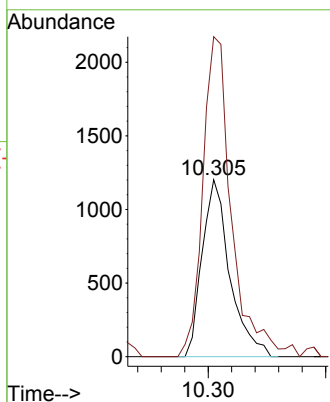
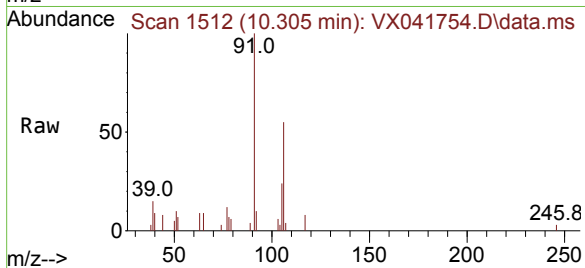




#68
m/p-Xylenes
Concen: 0.648 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041754.D
Acq: 05 Jun 2024 16:49

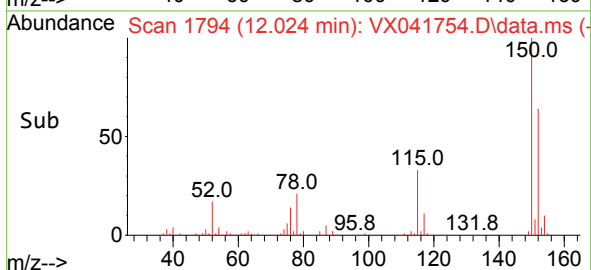
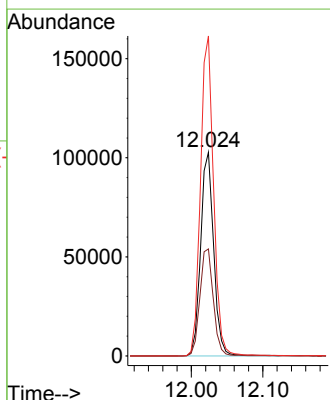
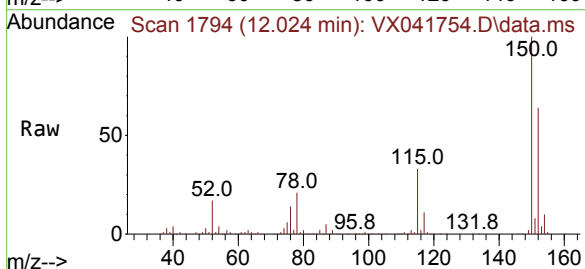
Instrument :
MSVOA_X
ClientSampleId :

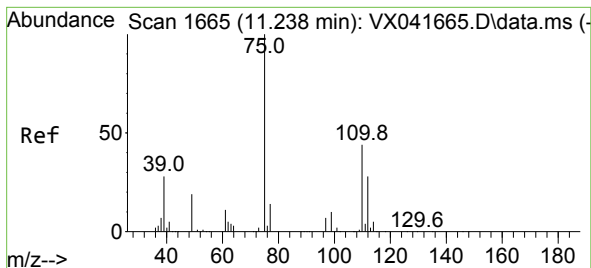
Tgt Ion:106 Resp: 1969
Ion Ratio Lower Upper
106 100
91 187.6 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041754.D
Acq: 05 Jun 2024 16:49

Tgt Ion:152 Resp: 130157
Ion Ratio Lower Upper
152 100
115 54.2 43.3 129.9
150 157.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.377 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041754.D

Acq: 05 Jun 2024 16:49

Instrument :

MSVOA_X

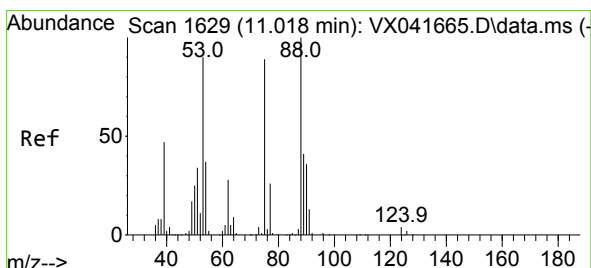
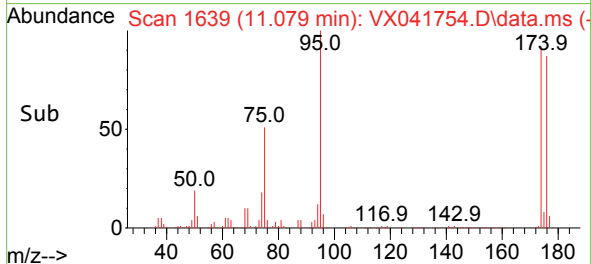
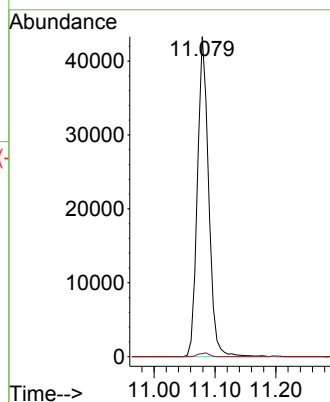
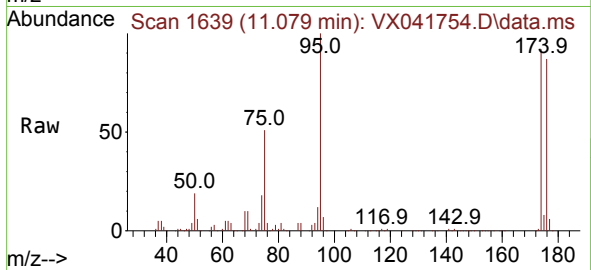
ClientSampleId :

Tgt Ion: 75 Resp: 55359

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.439 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041754.D

Acq: 05 Jun 2024 16:49

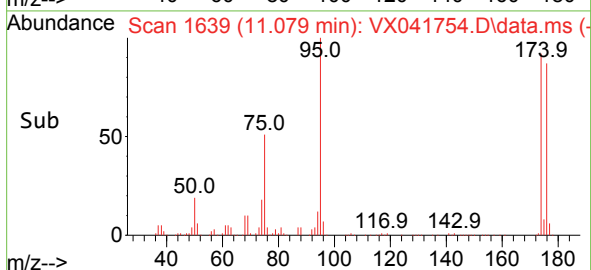
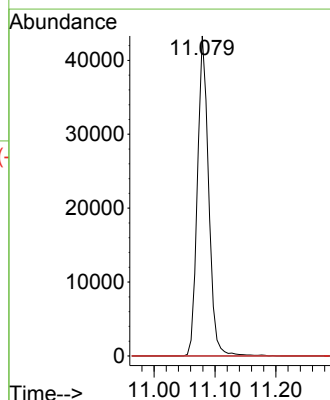
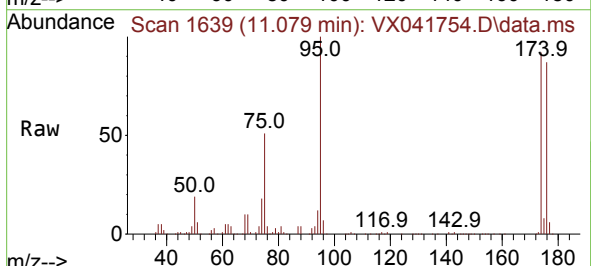
Tgt Ion: 75 Resp: 55359

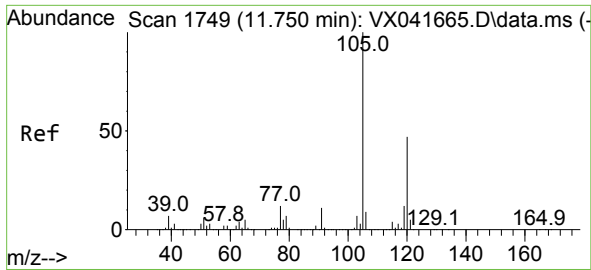
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

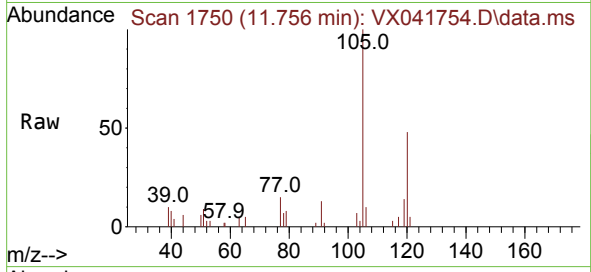
89 0.0 36.9 55.3#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.562 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX041754.D
 Acq: 05 Jun 2024 16:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:105 Resp: 3836
 Ion Ratio Lower Upper
 105 100
 120 40.3 21.2 63.6

