

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041758.D
 Acq On : 05 Jun 2024 18:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 02:23:52 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)

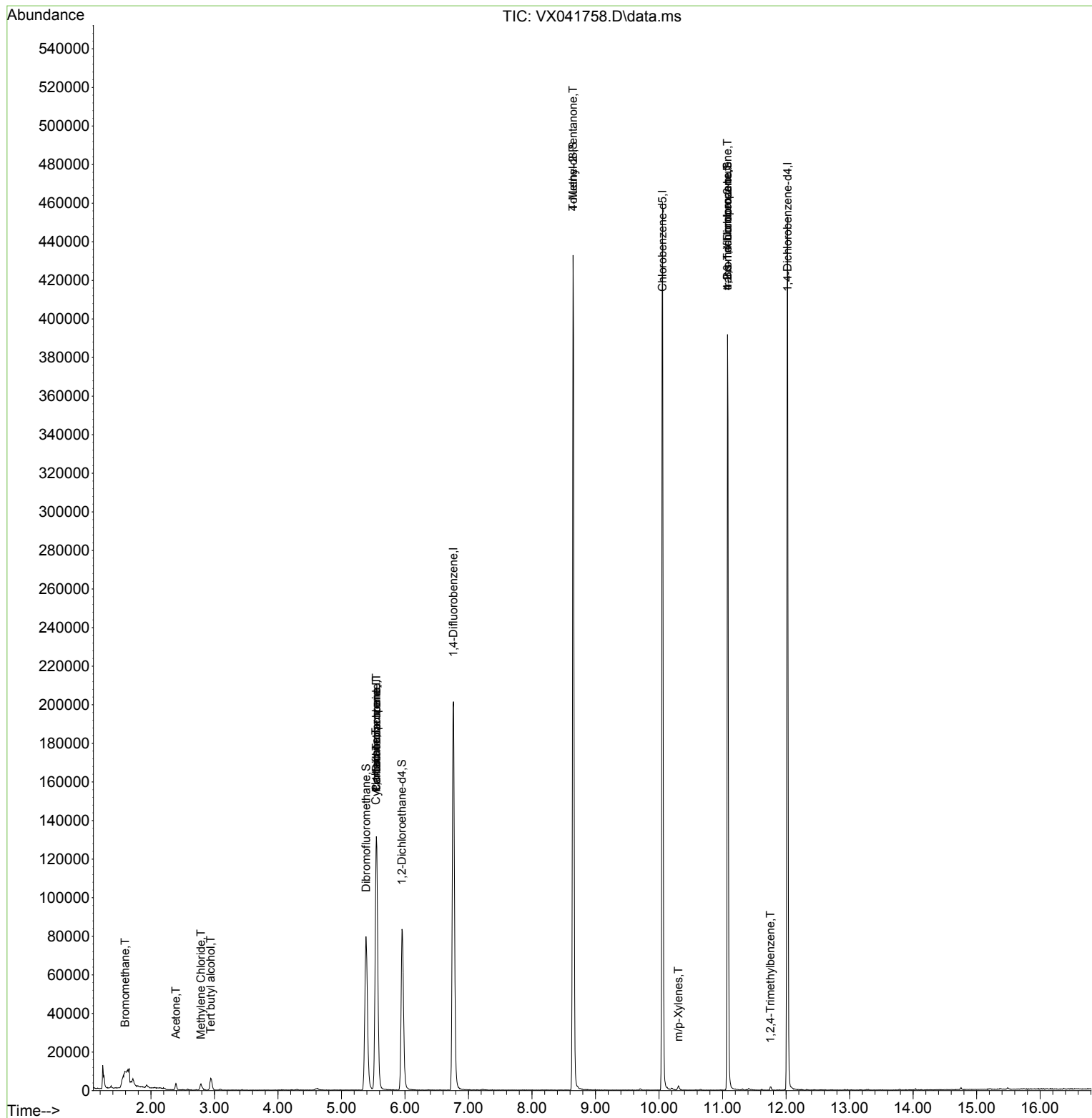
Internal Standards						
1) Pentafluorobenzene	5.550	168	138707	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	217535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81629	47.983	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.960%
35) Dibromofluoromethane	5.385	113	69052	45.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.820%
50) Toluene-d8	8.647	98	255521	48.622	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.240%
62) 4-Bromofluorobenzene	11.079	95	97036	50.029	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.060%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	294	0.308	ug/l	# 67
11) Tert butyl alcohol	2.940	59	4046	13.444	ug/l	# 78
16) Acetone	2.392	43	3692	2.254	ug/l	# 89
20) Methylene Chloride	2.788	84	1613	1.060	ug/l	# 93
31) Cyclohexane	5.544	56	2610	1.299	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8963	4.922	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	12574	6.077	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.647	43	1172	0.521	ug/l	# 1
68) m/p-Xylenes	10.305	106	756	0.262	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	50443	27.685	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	50443	75.455	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	1153	0.210	ug/l	75

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

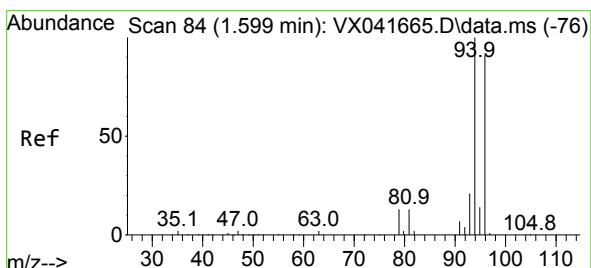
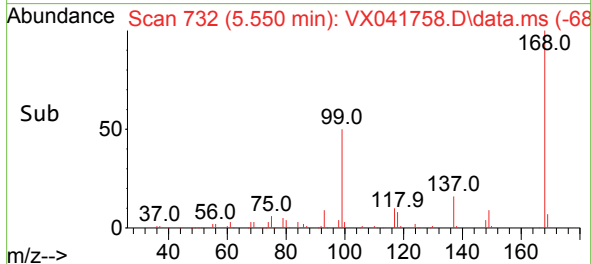
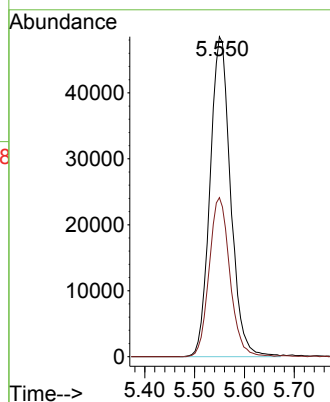
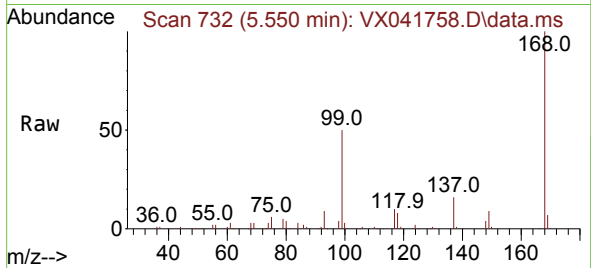




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041758.D
Acq: 05 Jun 2024 18:22

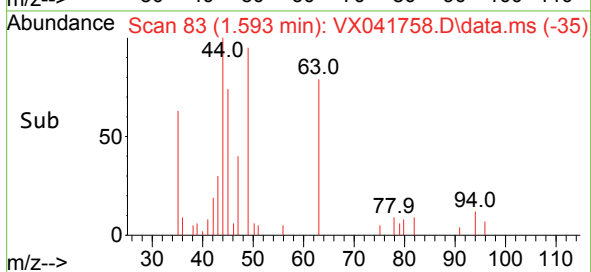
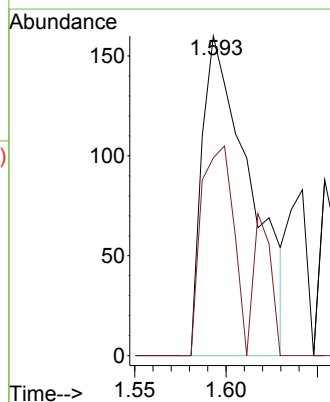
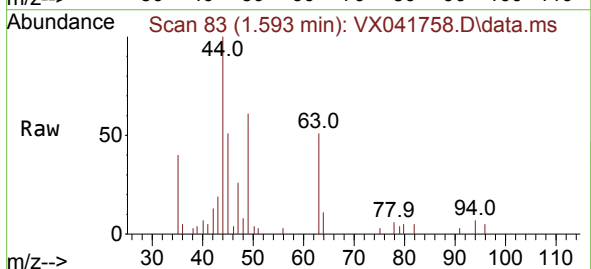
Instrument :
MSVOA_X
ClientSampleId :

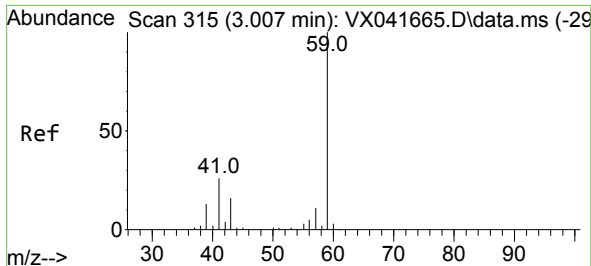
Tgt Ion:168 Resp: 138707
Ion Ratio Lower Upper
168 100
99 49.7 56.6 85.0#



#5
Bromomethane
Concen: 0.308 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX041758.D
Acq: 05 Jun 2024 18:22

Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 61.9 74.6 111.8#





#11

Tert butyl alcohol

Concen: 13.444 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

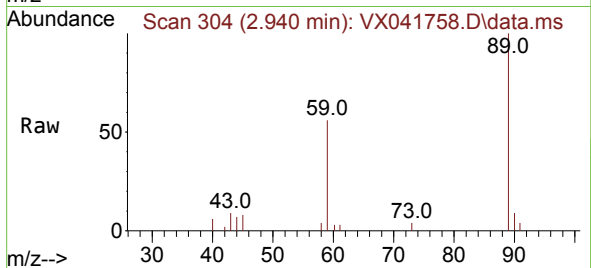
Lab File: VX041758.D

Acq: 05 Jun 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

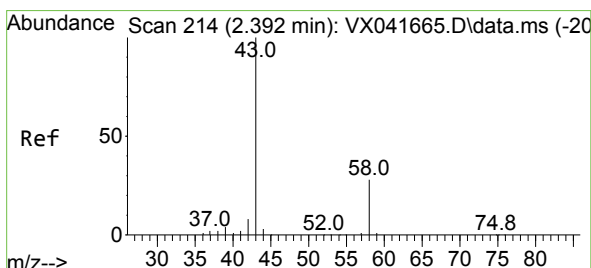
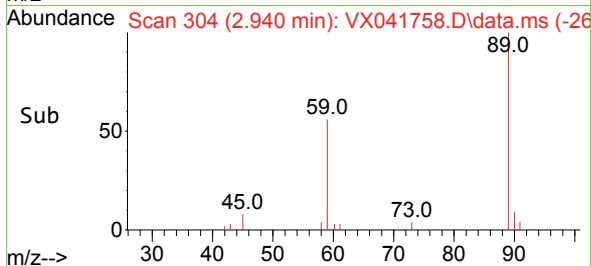
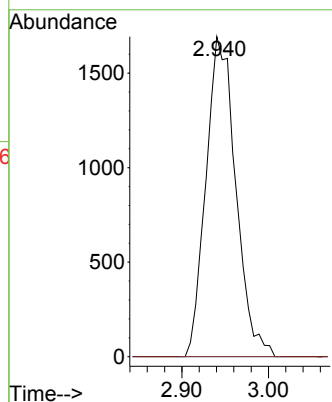


Tgt Ion: 59 Resp: 4046

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.254 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041758.D

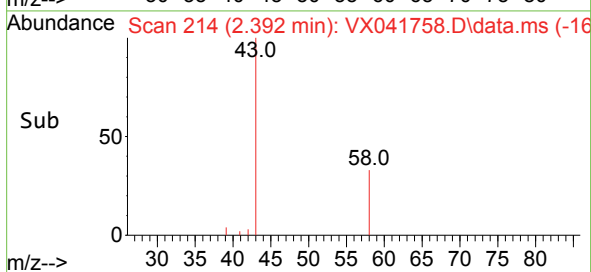
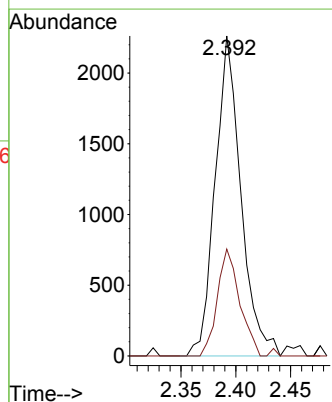
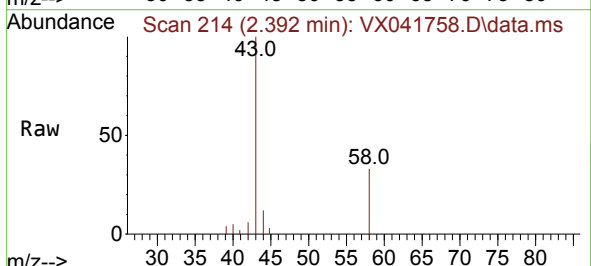
Acq: 05 Jun 2024 18:22

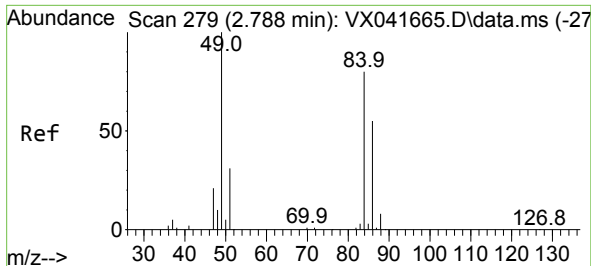
Tgt Ion: 43 Resp: 3692

Ion Ratio Lower Upper

43 100

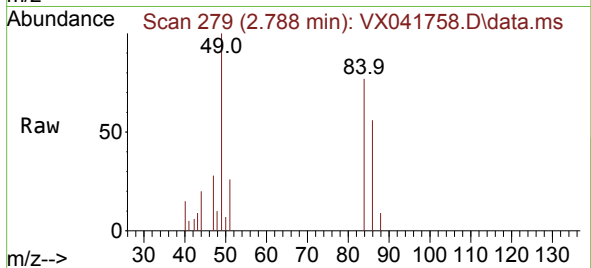
58 33.4 21.9 32.9#



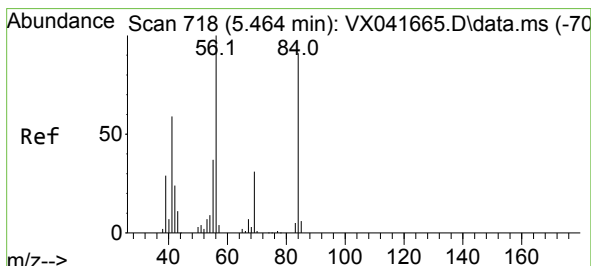
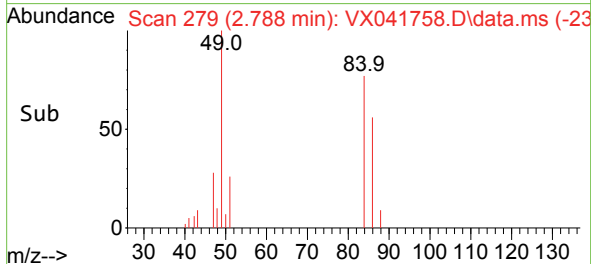
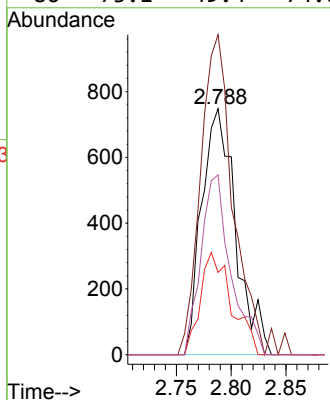


#20
Methylene Chloride
Concen: 1.060 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041758.D
Acq: 05 Jun 2024 18:22

Instrument :
MSVOA_X
ClientSampleId :

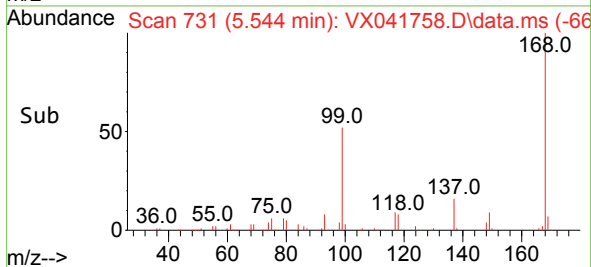
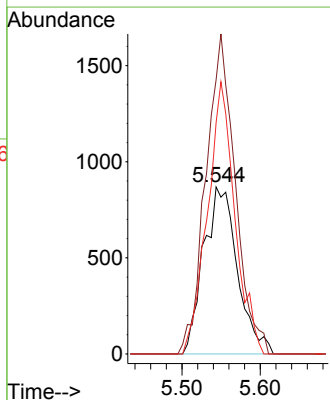
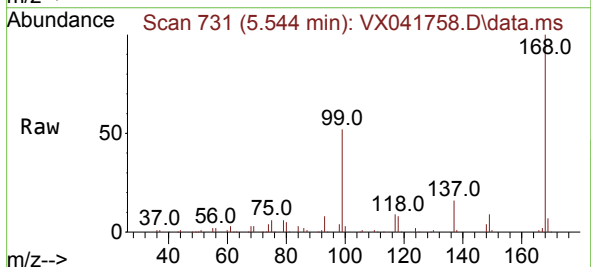


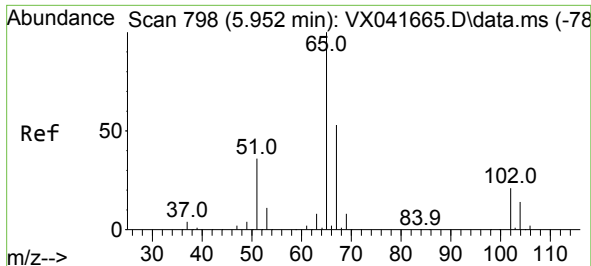
Tgt Ion:	84	Resp:	1613
Ion	Ratio	Lower	Upper
84	100		
49	130.1	103.6	155.4
51	33.4	33.8	50.6#
86	73.1	49.4	74.0



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041758.D
Acq: 05 Jun 2024 18:22

Tgt Ion:	56	Resp:	2610
Ion	Ratio	Lower	Upper
56	100		
69	164.2	23.4	35.2#
84	138.6	65.9	98.9#

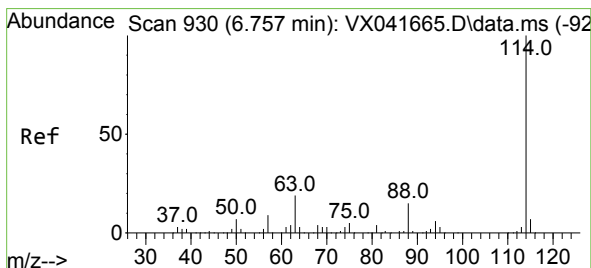
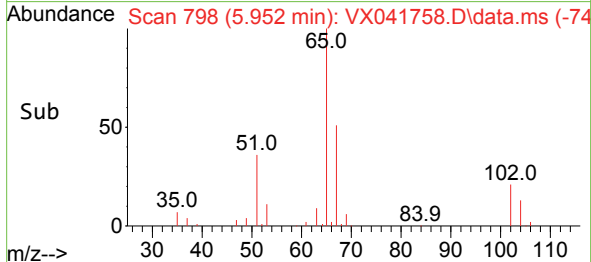
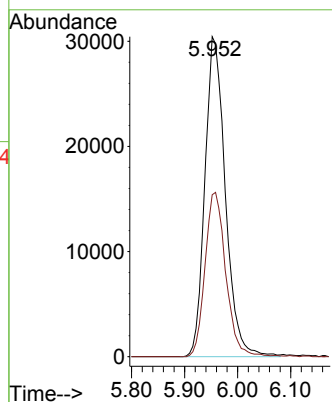
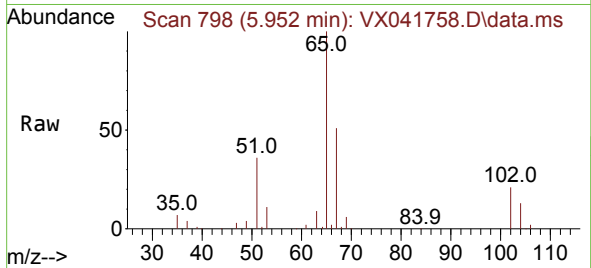




#33
1,2-Dichloroethane-d4
Concen: 47.983 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041758.D
Acq: 05 Jun 2024 18:22

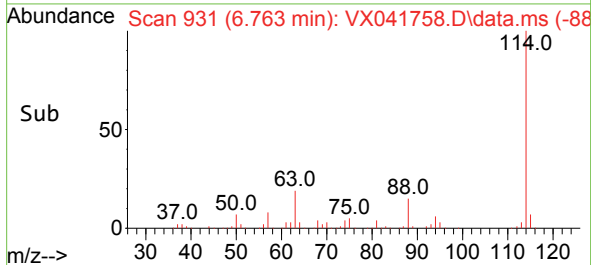
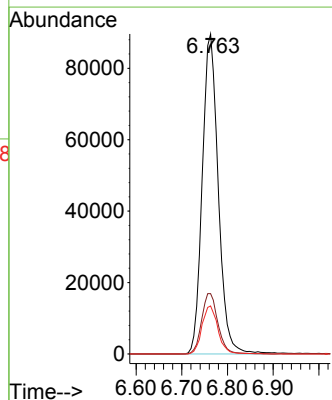
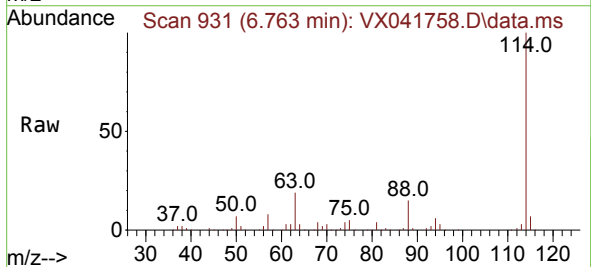
Instrument :
MSVOA_X
ClientSampleId :

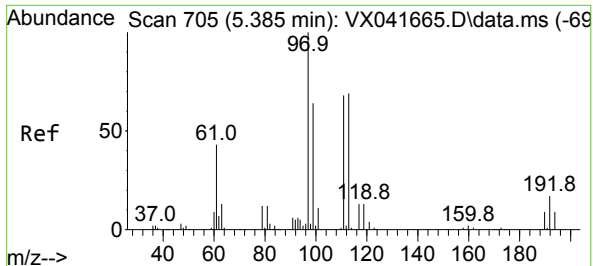
Tgt Ion: 65 Resp: 81629
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041758.D
Acq: 05 Jun 2024 18:22

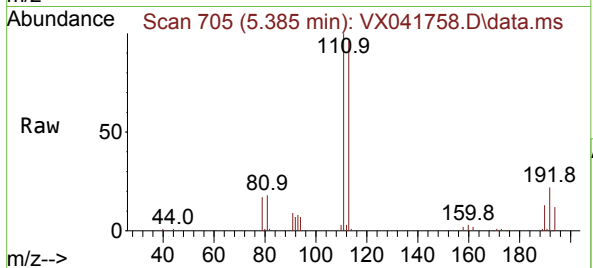
Tgt Ion: 114 Resp: 217535
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.0 0.0 36.6



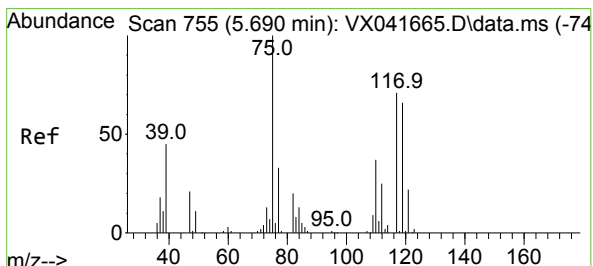
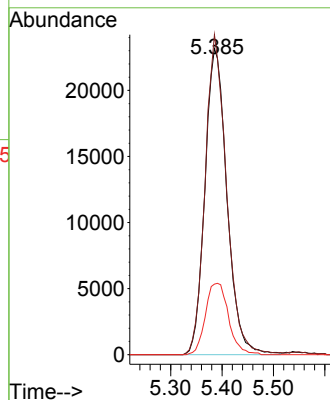
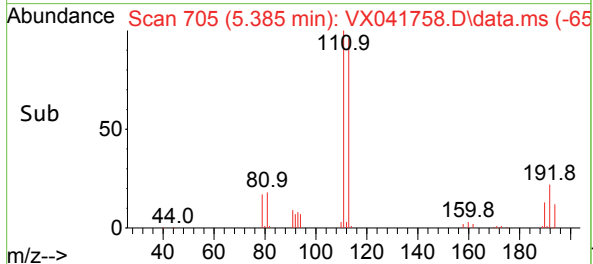


#35
Dibromofluoromethane
Concen: 45.912 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041758.D
Acq: 05 Jun 2024 18:22

Instrument :
MSVOA_X
ClientSampleId :

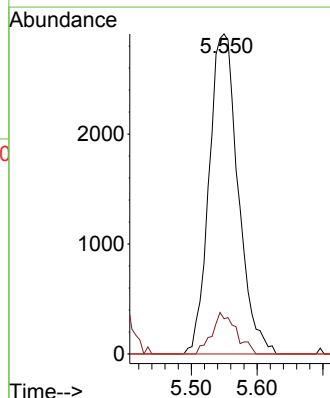
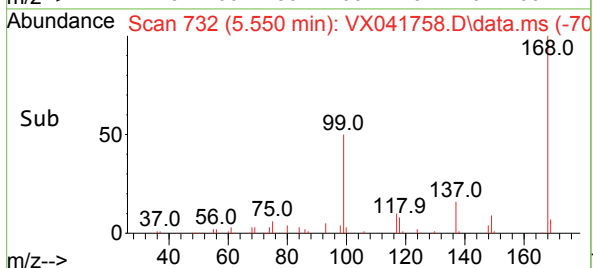
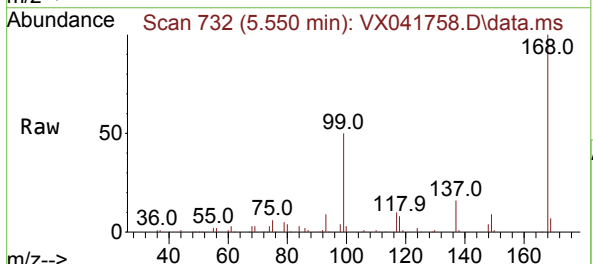


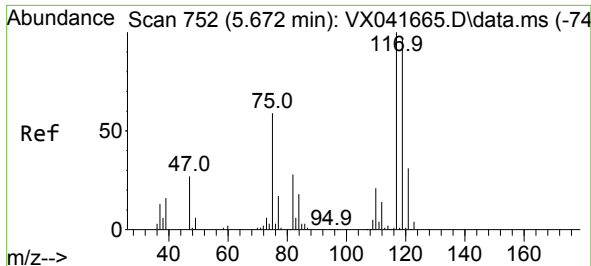
Tgt Ion:113 Resp: 69052
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 24.4 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.922 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041758.D
Acq: 05 Jun 2024 18:22

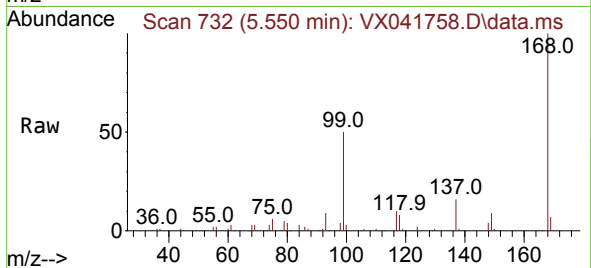
Tgt Ion: 75 Resp: 8963
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#



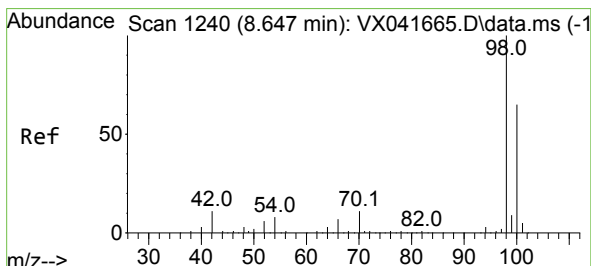
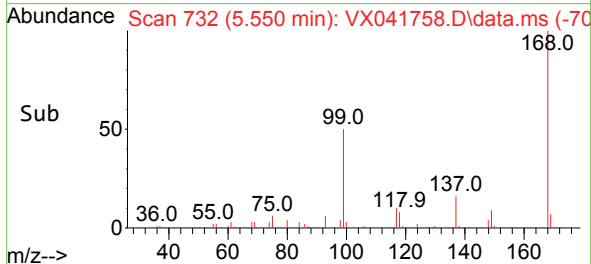
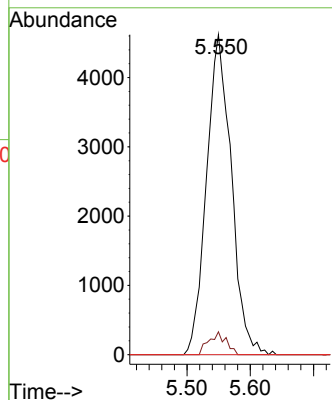


#38
Carbon Tetrachloride
Concen: 6.077 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041758.D
Acq: 05 Jun 2024 18:22

Instrument :
MSVOA_X
ClientSampleId :

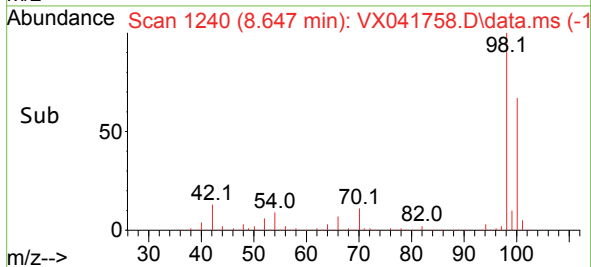
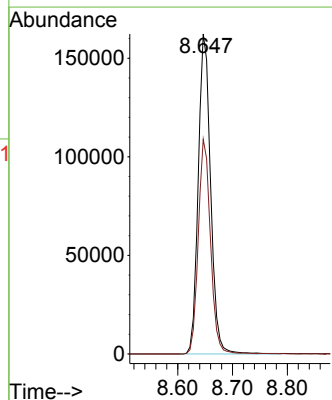
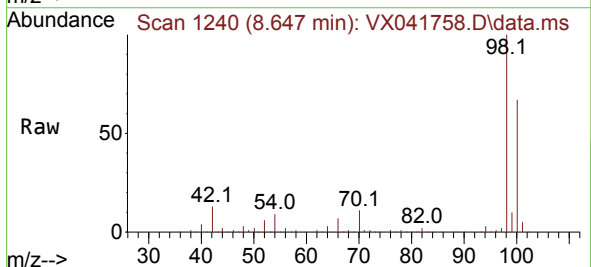


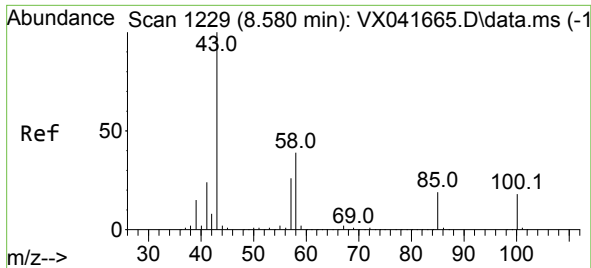
Tgt Ion:117 Resp: 12574
Ion Ratio Lower Upper
117 100
119 7.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.622 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041758.D
Acq: 05 Jun 2024 18:22

Tgt Ion: 98 Resp: 255521
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.521 ug/l

RT: 8.647 min Scan# 1172

Delta R.T. 0.067 min

Lab File: VX041758.D

Acq: 05 Jun 2024 18:22

Instrument :

MSVOA_X

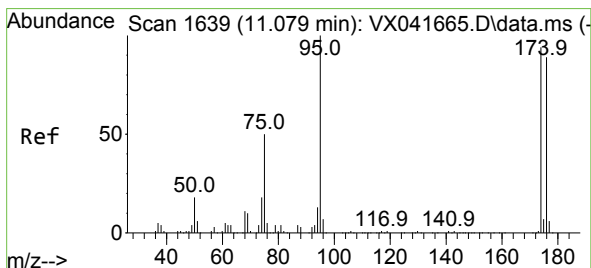
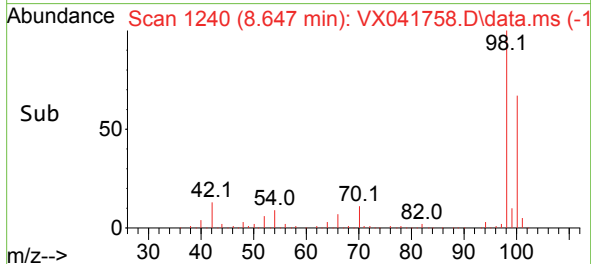
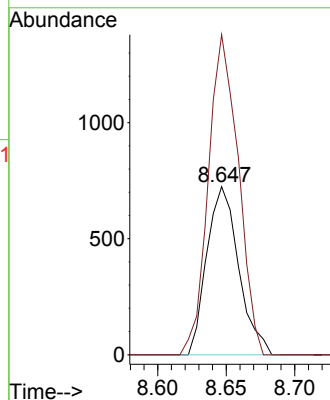
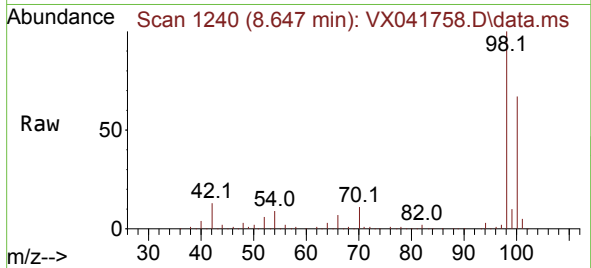
ClientSampleId :

Tgt Ion: 43 Resp: 1172

Ion Ratio Lower Upper

43 100

58 179.4 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 50.029 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041758.D

Acq: 05 Jun 2024 18:22

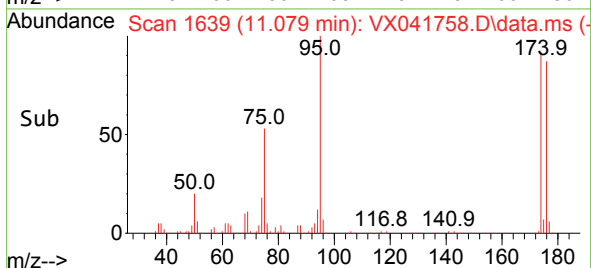
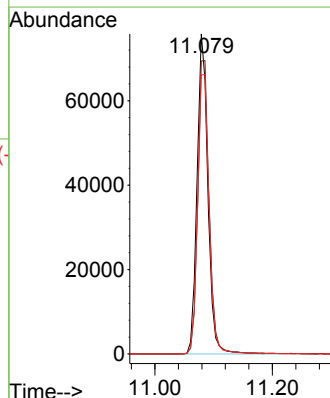
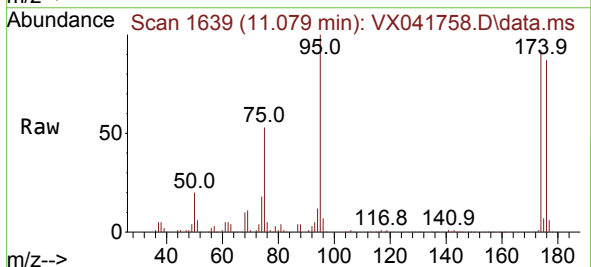
Tgt Ion: 95 Resp: 97036

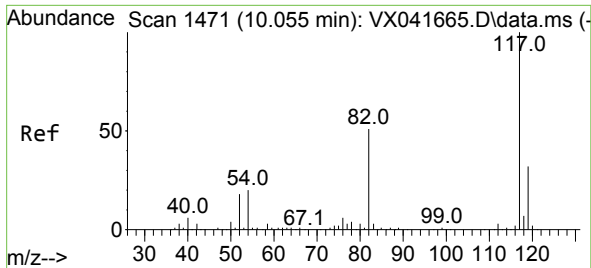
Ion Ratio Lower Upper

95 100

174 96.6 0.0 135.6

176 92.5 0.0 131.0

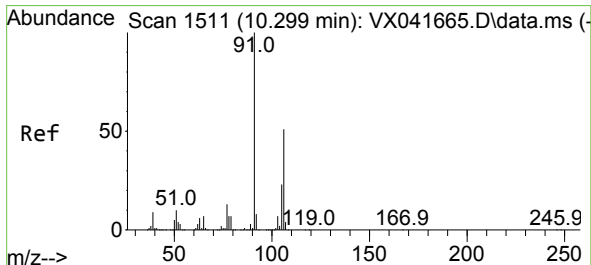
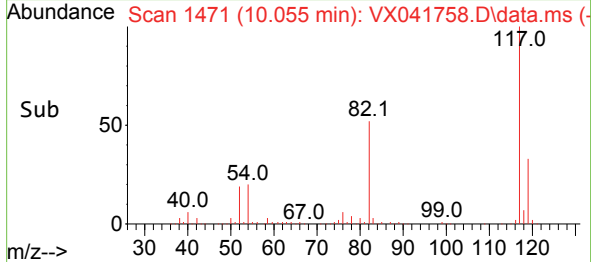
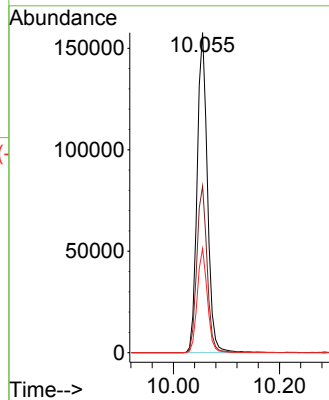
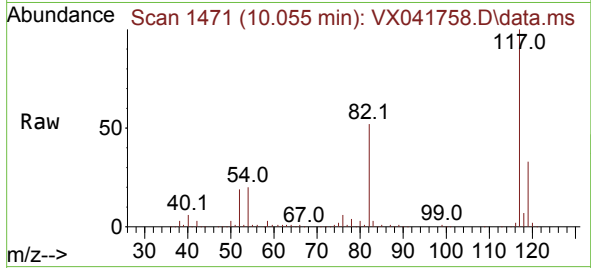




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041758.D
Acq: 05 Jun 2024 18:22

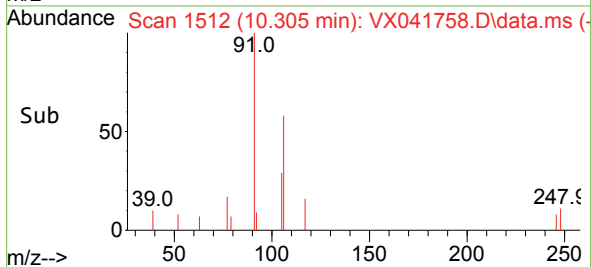
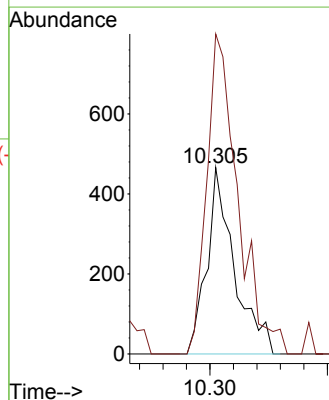
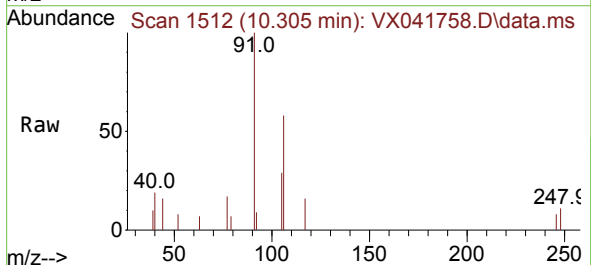
Instrument :
MSVOA_X
ClientSampleId :

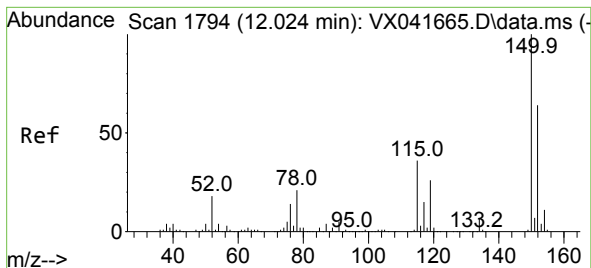
Tgt Ion:117 Resp: 211854
Ion Ratio Lower Upper
117 100
82 52.1 46.2 69.4
119 32.5 25.5 38.3



#68
m/p-Xylenes
Concen: 0.262 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041758.D
Acq: 05 Jun 2024 18:22

Tgt Ion:106 Resp: 756
Ion Ratio Lower Upper
106 100
91 195.8 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041758.D

Acq: 05 Jun 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

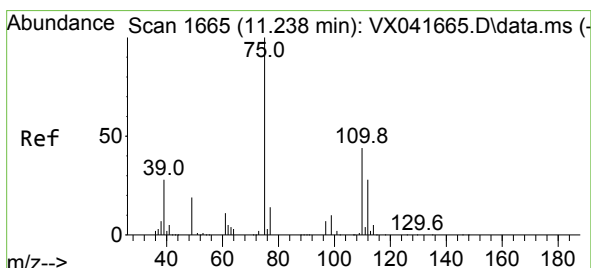
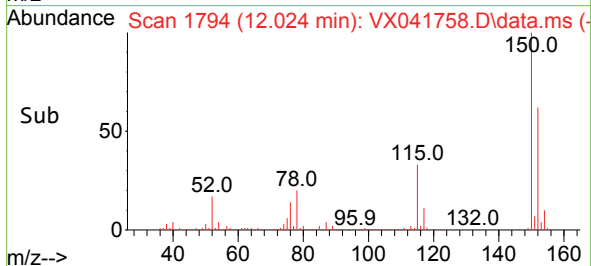
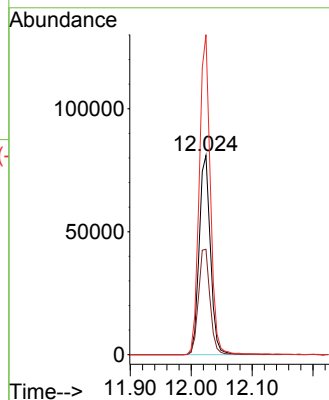
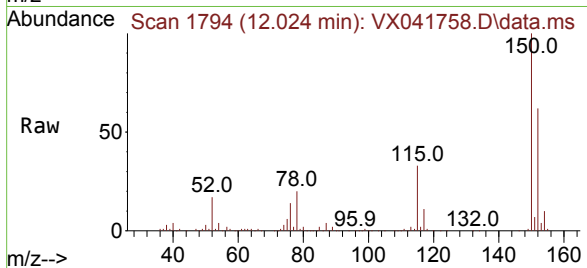
Tgt Ion:152 Resp: 104427

Ion Ratio Lower Upper

152 100

115 54.4 43.3 129.9

150 158.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.685 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041758.D

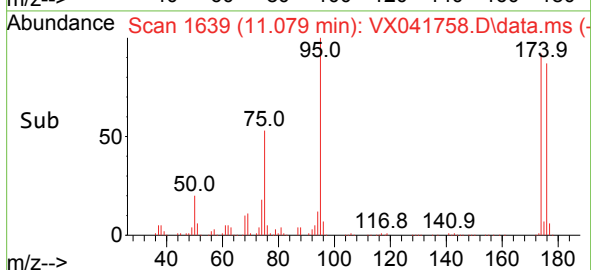
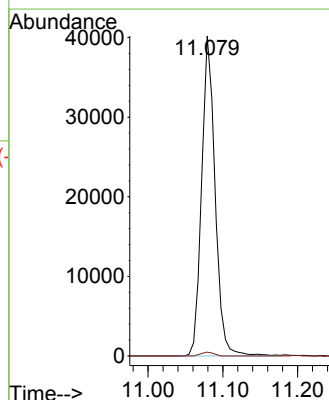
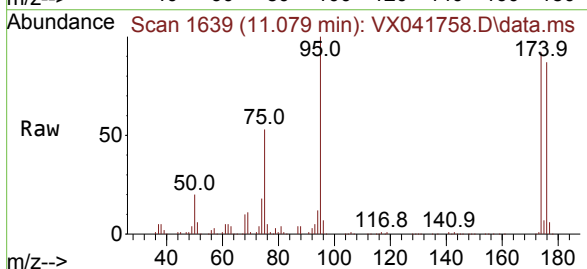
Acq: 05 Jun 2024 18:22

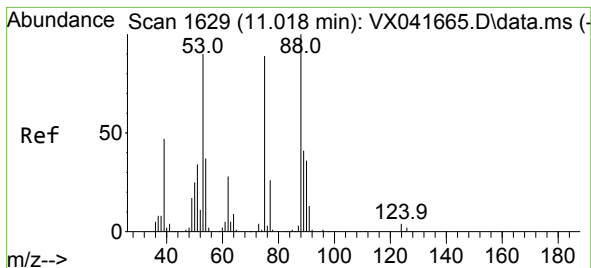
Tgt Ion: 75 Resp: 50443

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

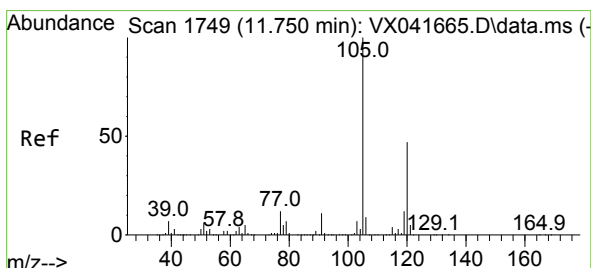
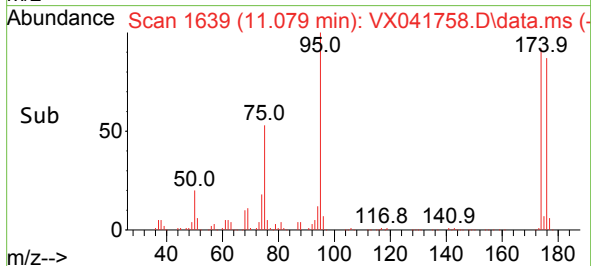
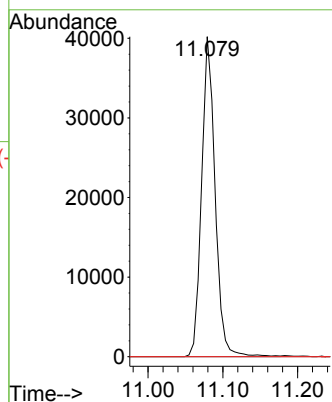
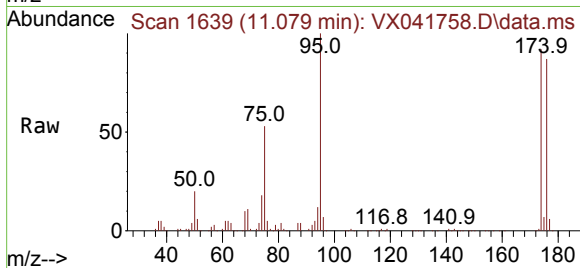




#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.455 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041758.D
 Acq: 05 Jun 2024 18:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 50443
 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: 0.210 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX041758.D
 Acq: 05 Jun 2024 18:22

Tgt Ion:105 Resp: 1153
 Ion Ratio Lower Upper
 105 100
 120 58.2 21.2 63.6

