

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042057.D
 Acq On : 26 Jun 2024 16:47
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 03:45:03 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)

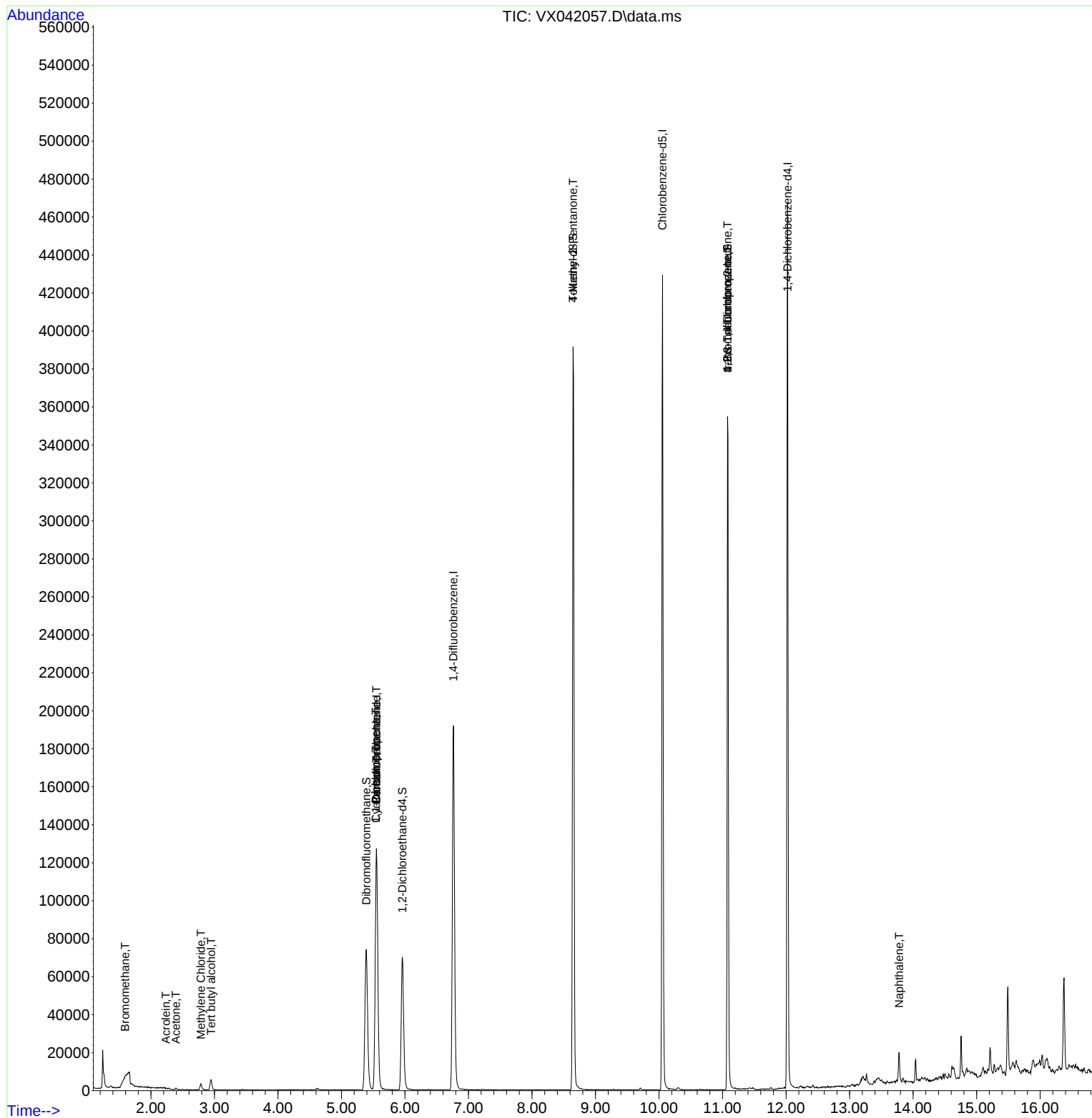
Internal Standards						
1) Pentafluorobenzene	5.550	168	142244	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	217066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67023	40.861	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.720%
35) Dibromofluoromethane	5.391	113	66211	42.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.980%
50) Toluene-d8	8.647	98	250647	46.323	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.640%
62) 4-Bromofluorobenzene	11.079	95	97968	49.118	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.240%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	249	0.370	ug/l	# 76
6) Chloroethane	1.636	64	54	Below Cal		# 43
11) Tert butyl alcohol	2.946	59	3188	10.241	ug/l	# 78
13) Acrolein	2.233	56	138	0.395	ug/l	# 83
16) Acetone	2.392	43	766	1.064	ug/l	# 83
20) Methylene Chloride	2.788	84	1930	1.224	ug/l	# 80
31) Cyclohexane	5.543	56	1905	0.993	ug/l	# 1
36) 1,1-Dichloropropene	5.543	75	8203	5.015	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	11827	6.545	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	936	0.416	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	44182	21.948	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	44182	62.330	ug/l	# 5
95) Naphthalene	13.780	128	13189	2.382	ug/l	# 95

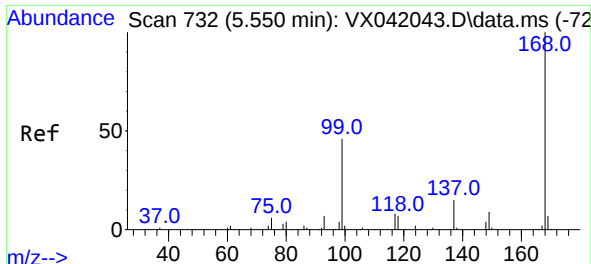
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
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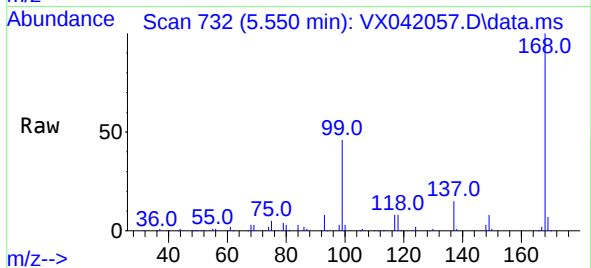
Quant Time: Jun 27 03:45:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



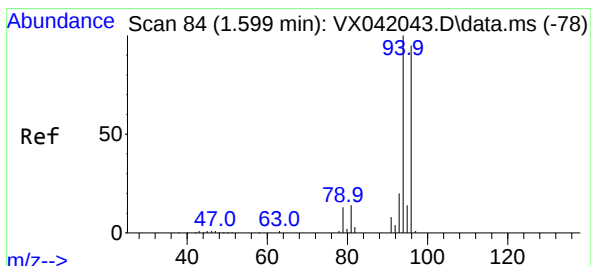
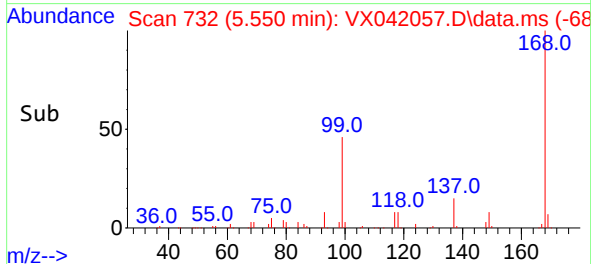
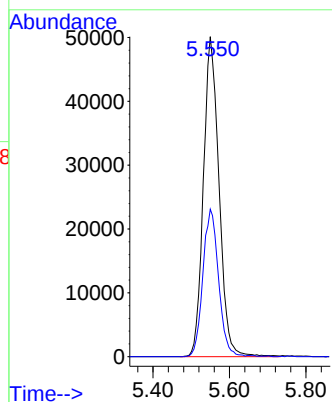


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

Instrument :
MSVOA_X
ClientSampleId :

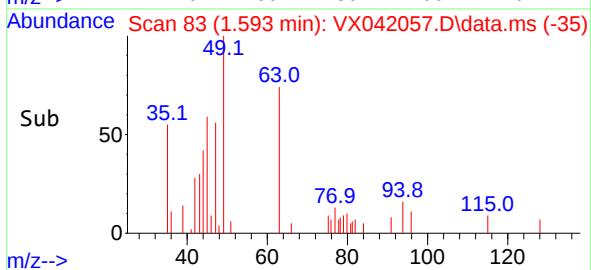
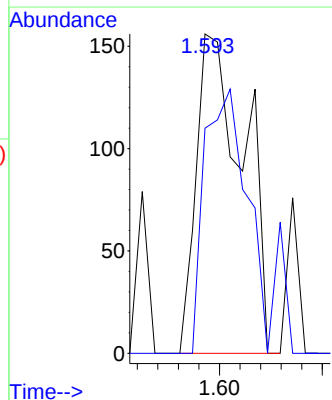
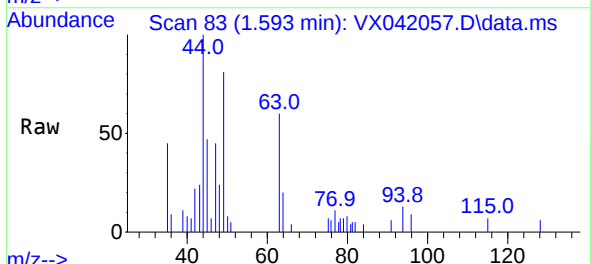


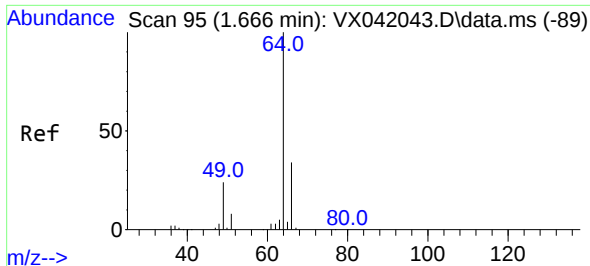
Tgt Ion:168 Resp: 142244
Ion Ratio Lower Upper
168 100
99 46.1 56.6 85.0#



#5
Bromomethane
Concen: 0.370 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 70.5 74.6 111.8#

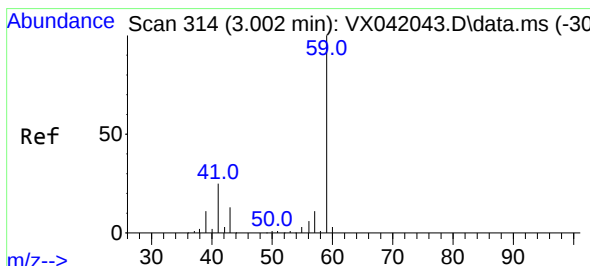
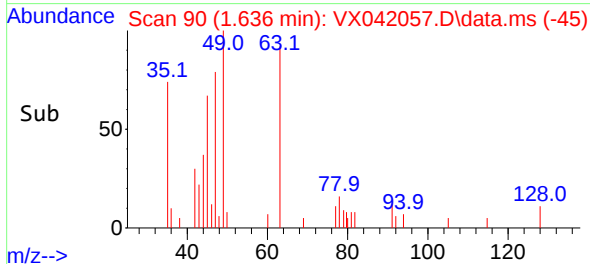
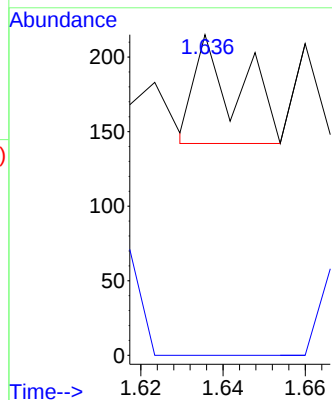
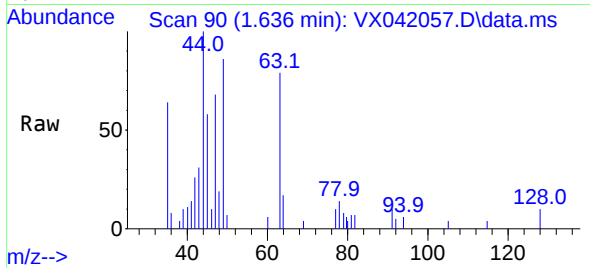




#6
Chloroethane
Concen: Below Cal
RT: 1.636 min Scan# 90
Delta R.T. -0.024 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

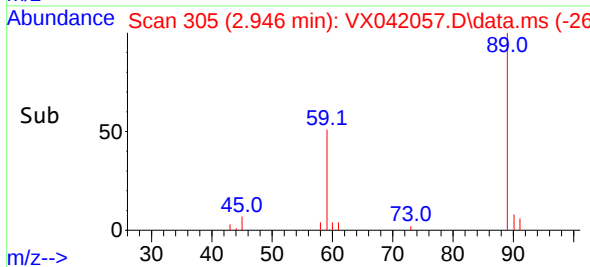
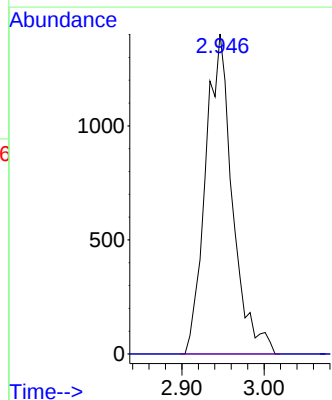
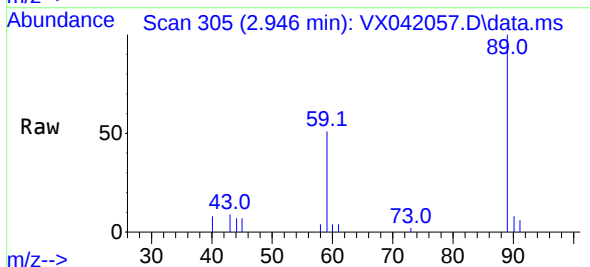
Instrument :
MSVOA_X
ClientSampleId :

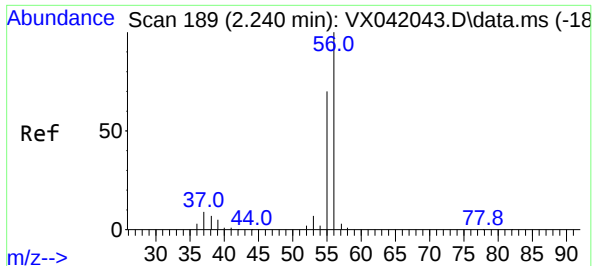
Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 10.241 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

Tgt Ion: 59 Resp: 3188
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

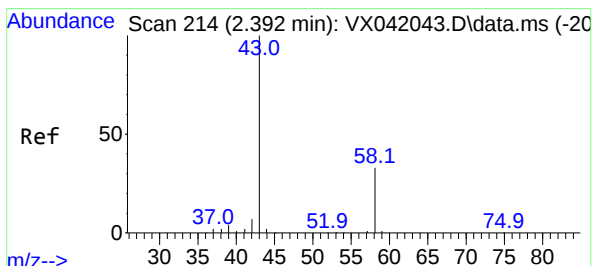
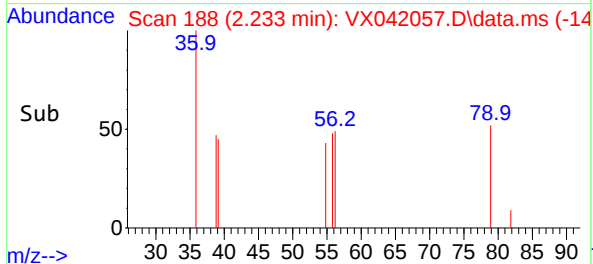
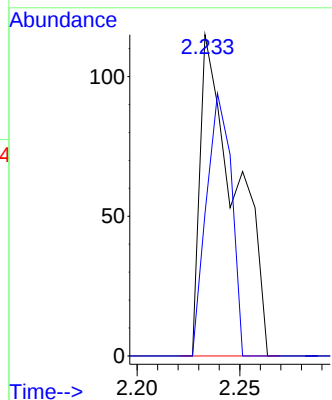
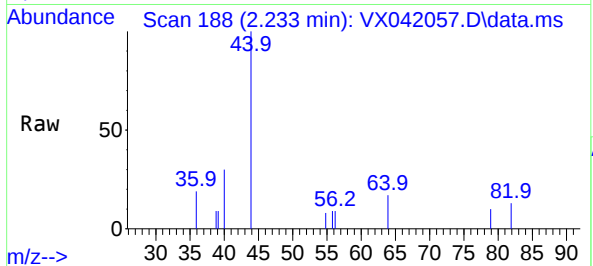




#13
Acrolein
Concen: 0.395 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

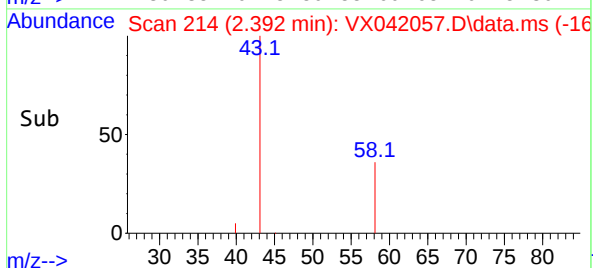
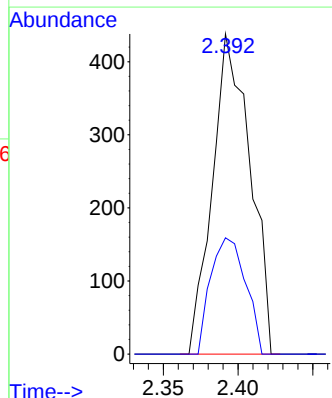
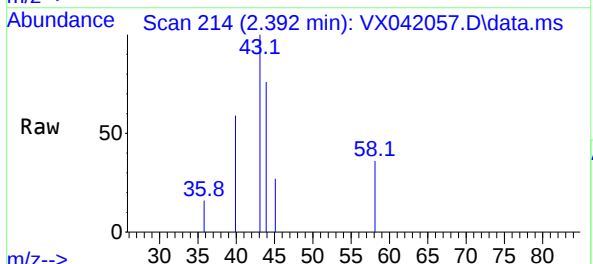
Instrument :
MSVOA_X
ClientSampleId :

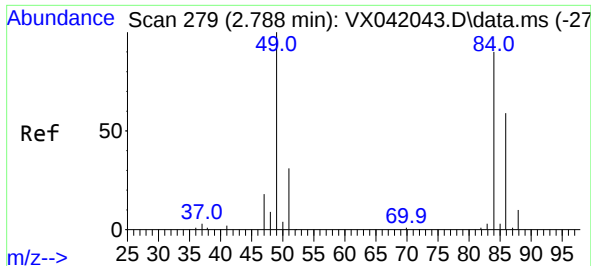
Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 57.2 57.1 85.7



#16
Acetone
Concen: 1.064 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

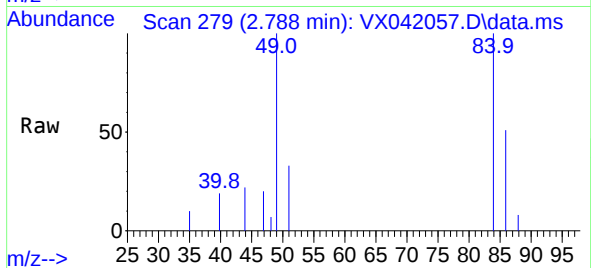
Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 36.3 21.9 32.9#





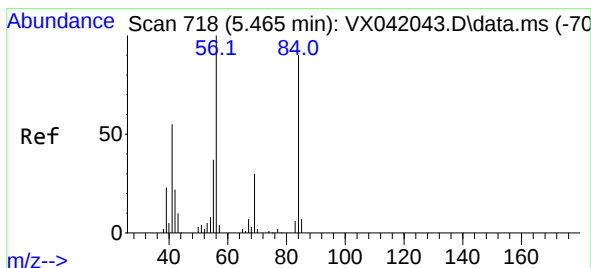
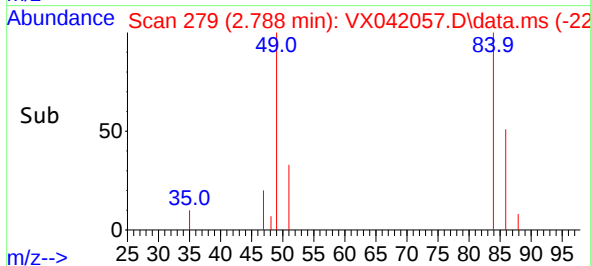
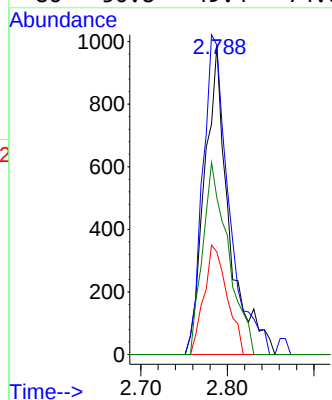
#20
Methylene Chloride
Concen: 1.224 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1930

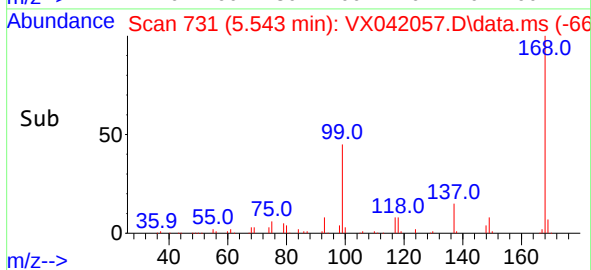
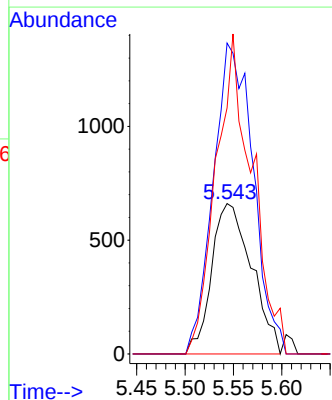
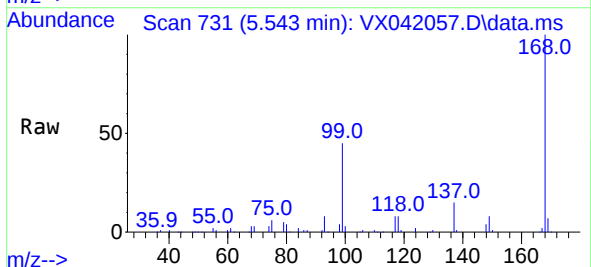
Ion	Ratio	Lower	Upper
84	100		
49	100.3	103.6	155.4#
51	33.3	33.8	50.6#
86	50.8	49.4	74.0

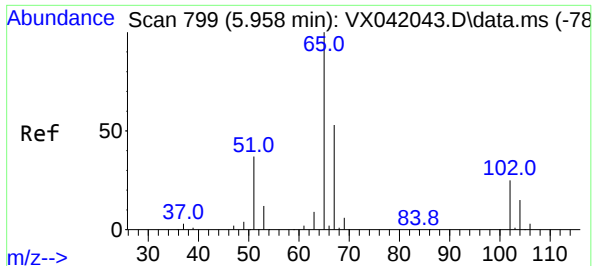


#31
Cyclohexane
Concen: 0.993 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

Tgt Ion: 56 Resp: 1905

Ion	Ratio	Lower	Upper
56	100		
69	206.7	23.4	35.2#
84	163.5	65.9	98.9#

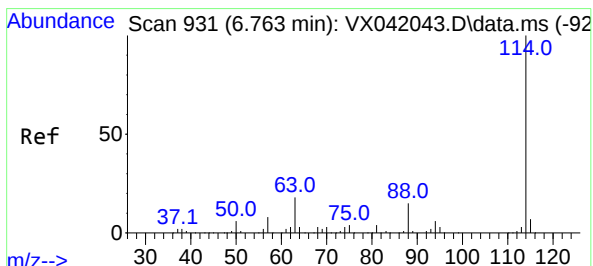
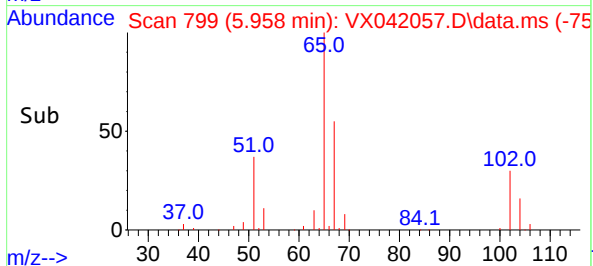
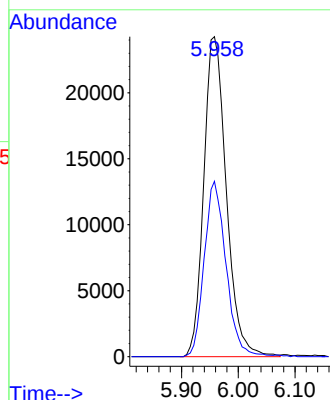
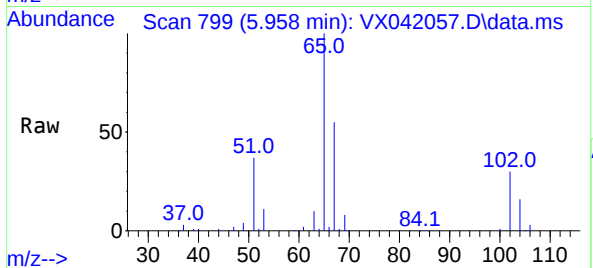




#33
1,2-Dichloroethane-d4
Concen: 40.861 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

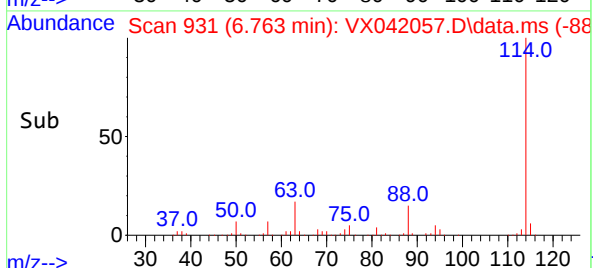
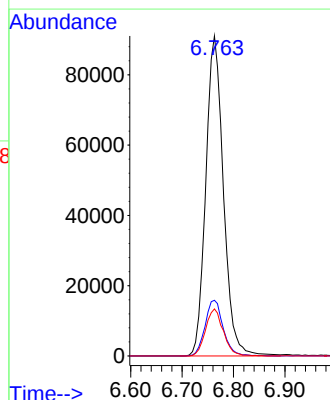
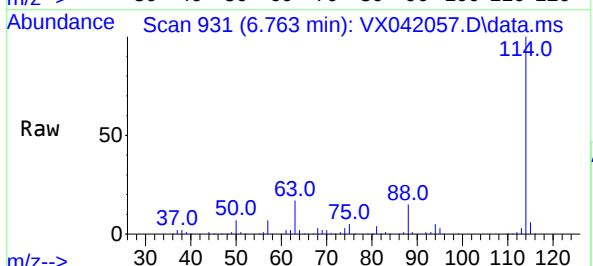
Instrument :
MSVOA_X
ClientSampleId :

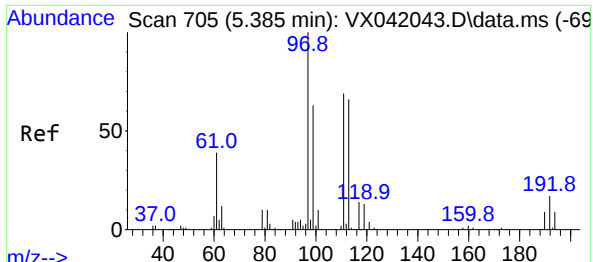
Tgt Ion: 65 Resp: 67023
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

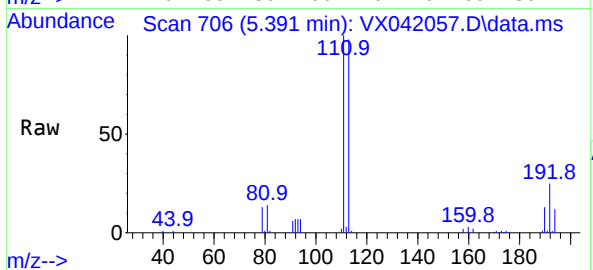
Tgt Ion: 114 Resp: 217066
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 14.7 0.0 36.6



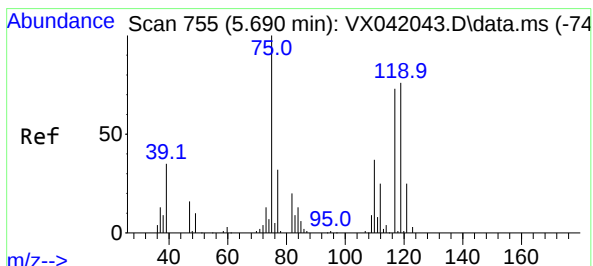
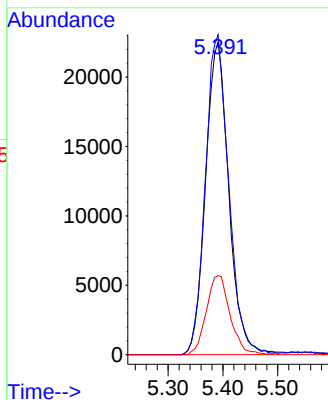
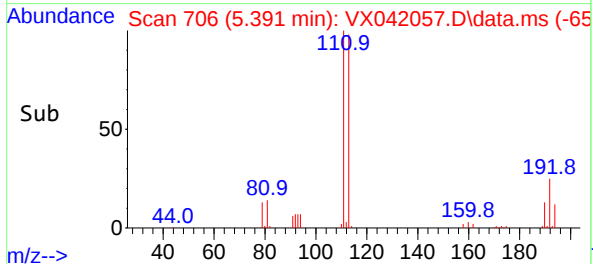


#35
Dibromofluoromethane
Concen: 42.989 ug/l
RT: 5.391 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

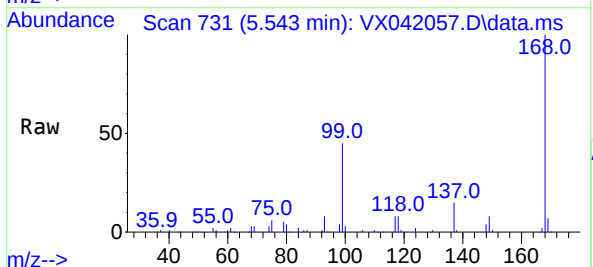
Instrument :
MSVOA_X
ClientSampleId :



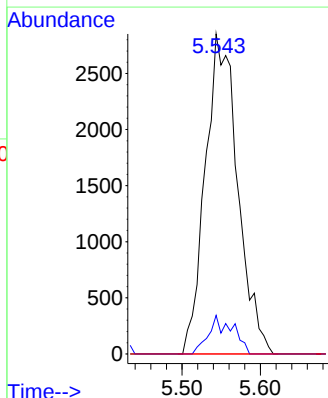
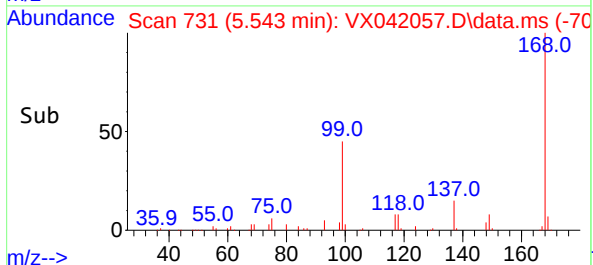
Tgt Ion:113 Resp: 66211
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 25.9 13.3 19.9#

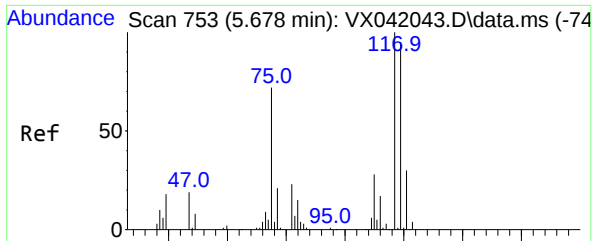


#36
1,1-Dichloropropene
Concen: 5.015 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47



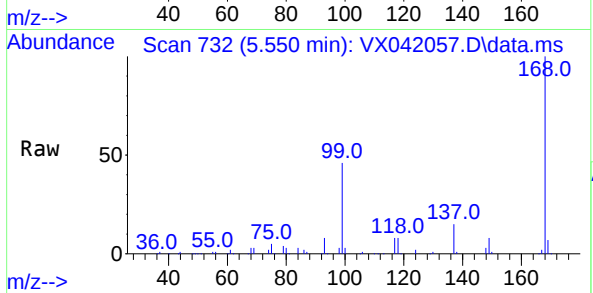
Tgt Ion: 75 Resp: 8203
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



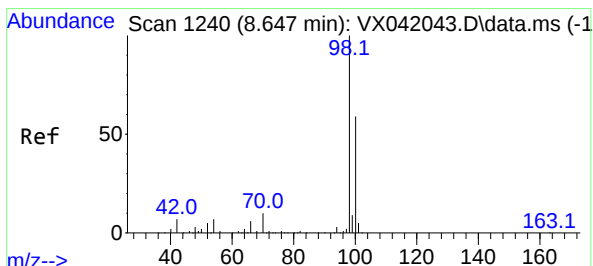
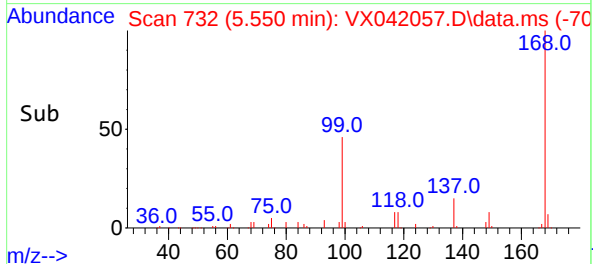
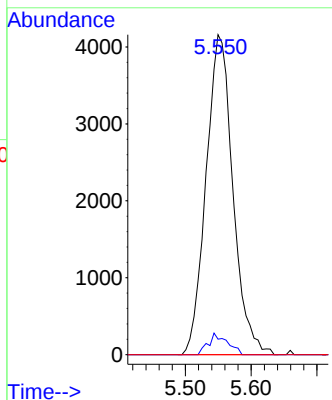


#38
Carbon Tetrachloride
Concen: 6.545 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

Instrument :
MSVOA_X
ClientSampleId :

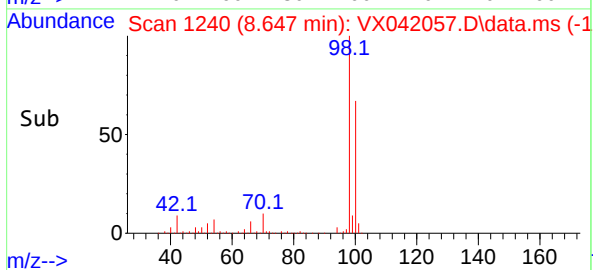
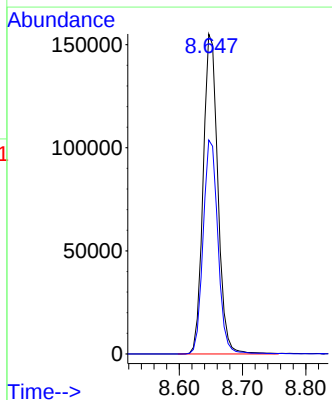
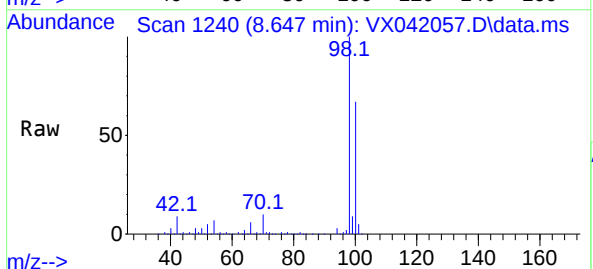


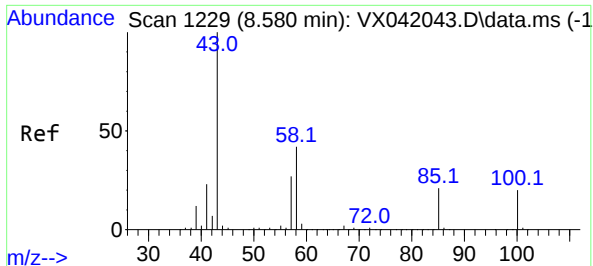
Tgt Ion:117 Resp: 11827
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.323 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

Tgt Ion: 98 Resp: 250647
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.416 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX042057.D

Acq: 26 Jun 2024 16:47

Instrument :

MSVOA_X

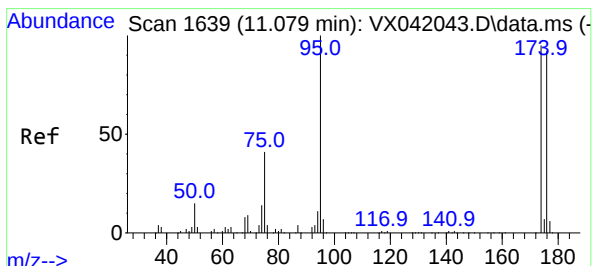
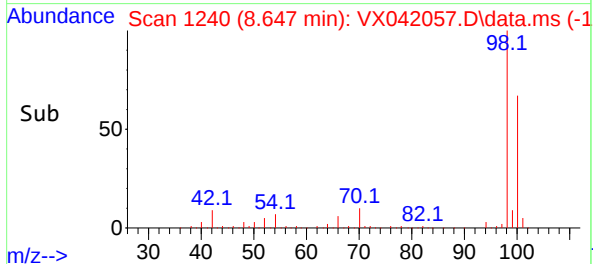
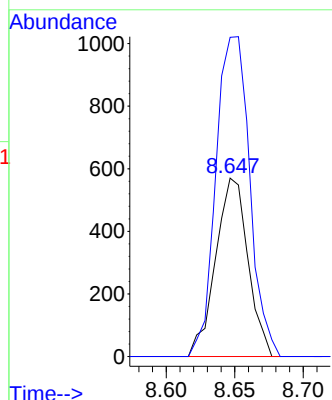
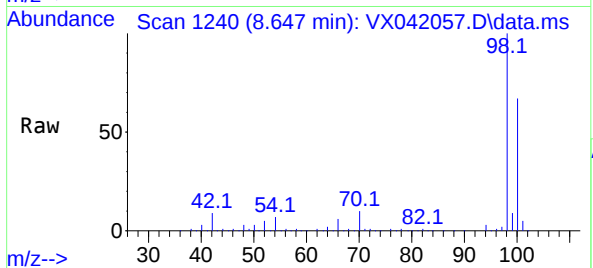
ClientSampleId :

Tgt Ion: 43 Resp: 936

Ion Ratio Lower Upper

43 100

58 187.6 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 49.118 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX042057.D

Acq: 26 Jun 2024 16:47

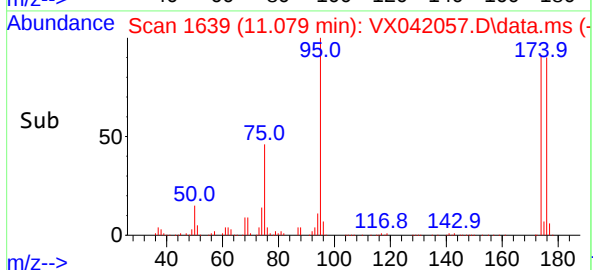
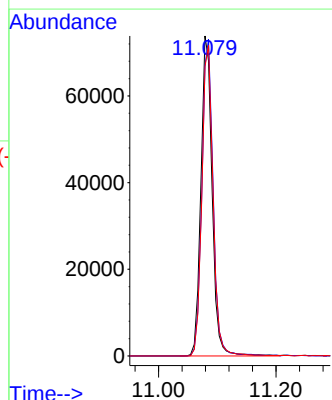
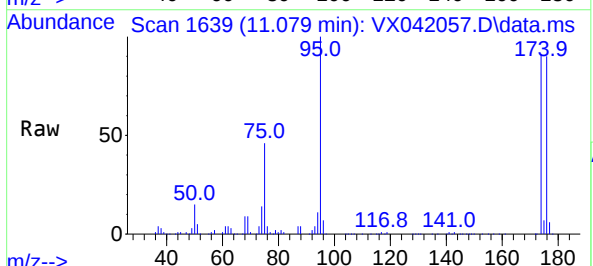
Tgt Ion: 95 Resp: 97968

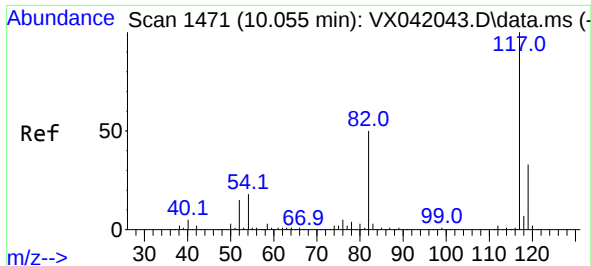
Ion Ratio Lower Upper

95 100

174 99.0 0.0 135.6

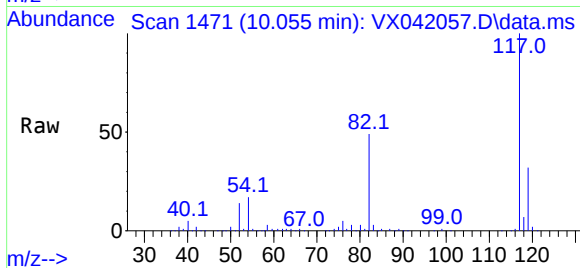
176 96.9 0.0 131.0



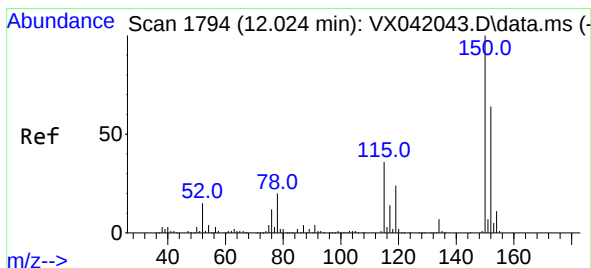
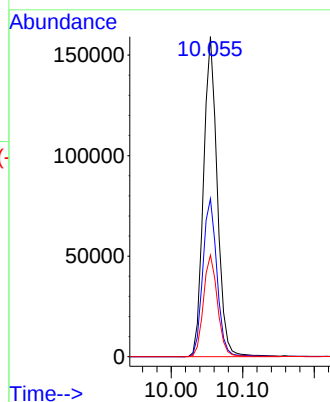
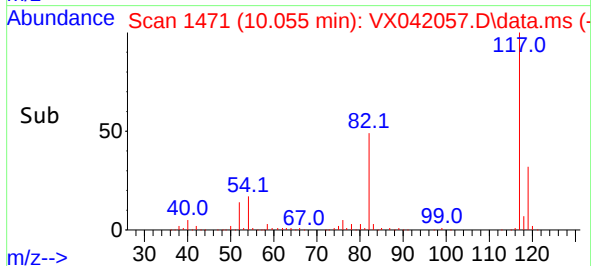


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

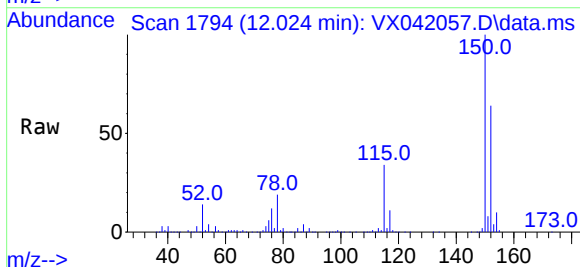
Instrument :
MSVOA_X
ClientSampleId :



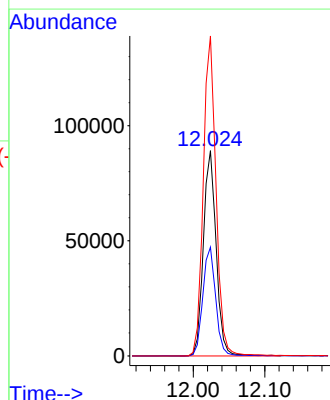
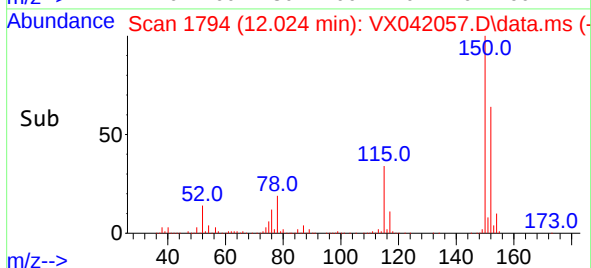
Tgt Ion:117 Resp: 213914
Ion Ratio Lower Upper
117 100
82 49.4 46.2 69.4
119 31.7 25.5 38.3

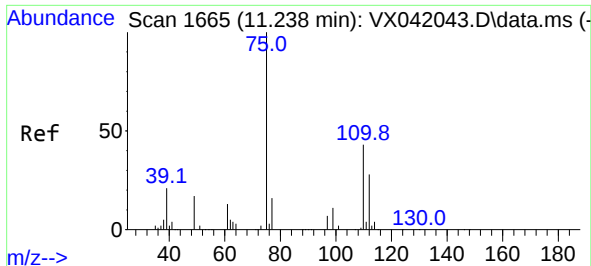


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47



Tgt Ion:152 Resp: 110886
Ion Ratio Lower Upper
152 100
115 53.4 43.3 129.9
150 155.5 0.0 345.0

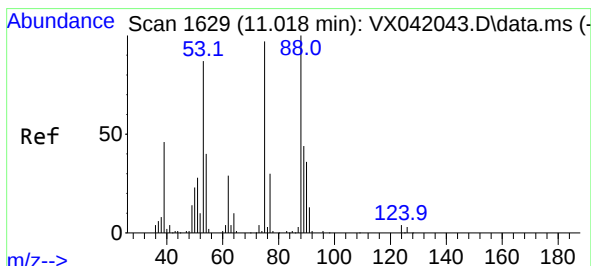
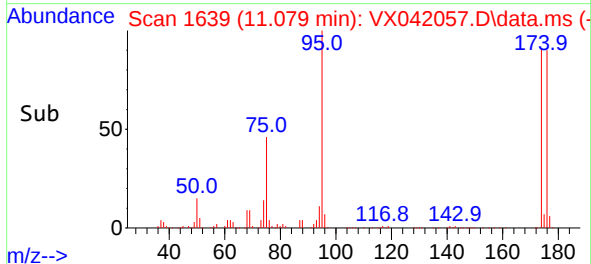
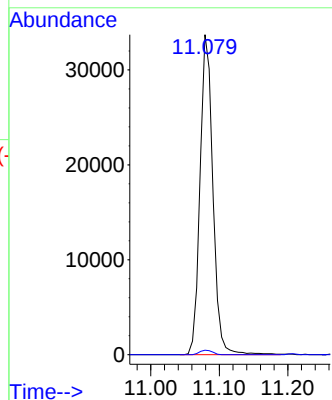
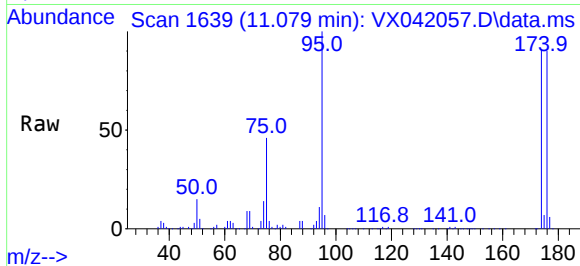




#76
1,2,3-Trichloropropane
Concen: 21.948 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

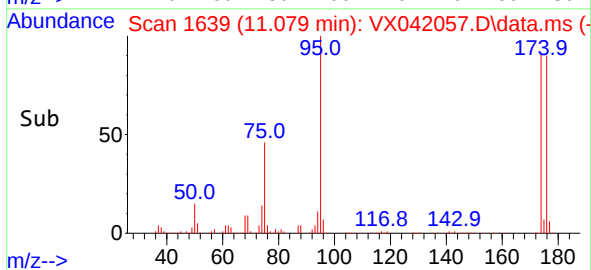
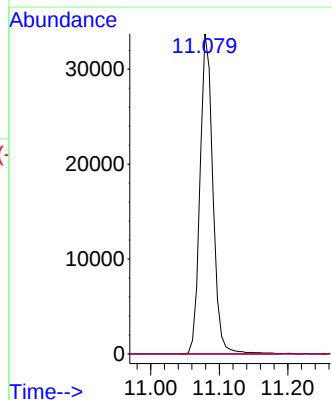
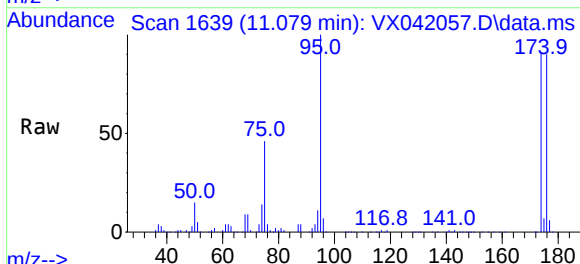
Instrument :
MSVOA_X
ClientSampleId :

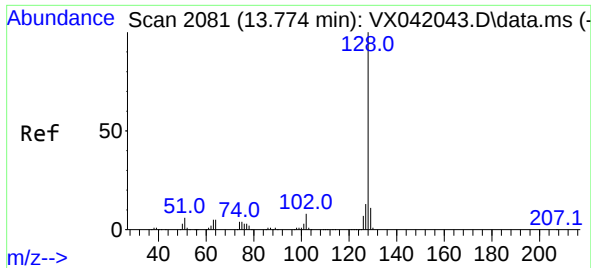
Tgt Ion: 75 Resp: 44182
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.330 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

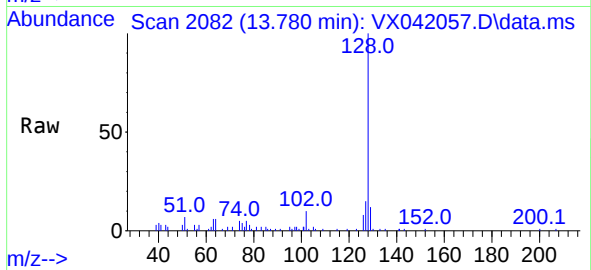
Tgt Ion: 75 Resp: 44182
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 2.382 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042057.D
Acq: 26 Jun 2024 16:47

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	14.1	8.8	13.2#

