

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
 Data File : VX041768.D
 Acq On : 06 Jun 2024 11:37
 Operator : JC/MD
 Sample : P2749-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 00:58:28 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)

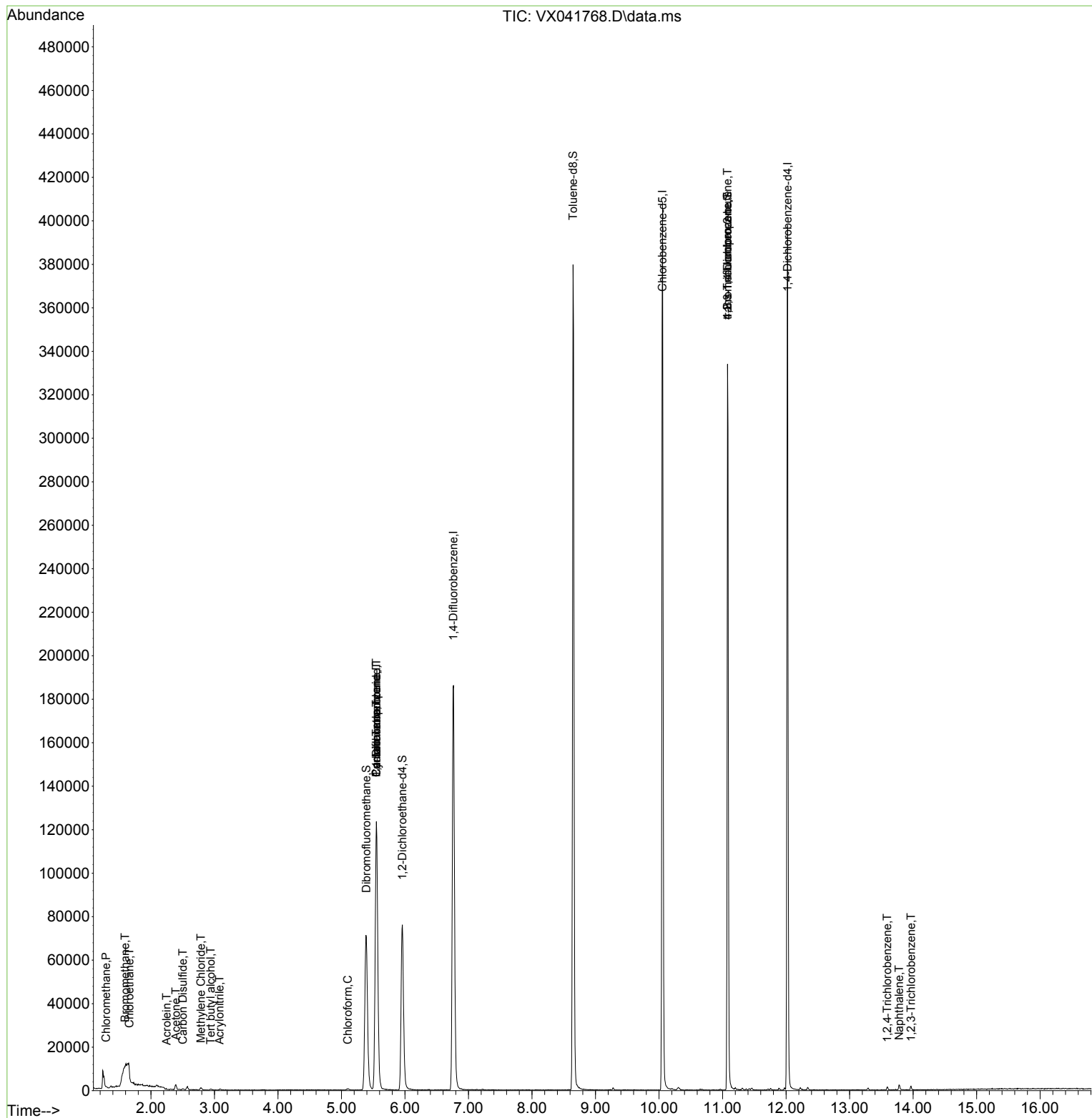
Internal Standards						
1) Pentafluorobenzene	5.550	168	128844	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	198321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76963	48.704	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.400%		
35) Dibromofluoromethane	5.391	113	63401	46.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.480%		
50) Toluene-d8	8.647	98	231433	48.305	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.620%		
62) 4-Bromofluorobenzene	11.079	95	84372	47.714	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.420%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	328	0.266	ug/l	# 43
5) Bromomethane	1.593	94	591	0.667	ug/l	# 61
6) Chloroethane	1.660	64	267	0.347	ug/l	# 43
11) Tert butyl alcohol	2.940	59	270	0.966	ug/l	# 78
13) Acrolein	2.245	56	120	0.461	ug/l	# 60
15) Acrylonitrile	3.081	53	144	0.210	ug/l	# 86
16) Acetone	2.392	43	2619	1.086	ug/l	98
17) Carbon Disulfide	2.501	76	727	0.286	ug/l	# 86
20) Methylene Chloride	2.788	84	546	0.386	ug/l	# 86
30) Chloroform	5.099	83	725	0.316	ug/l	99
31) Cyclohexane	5.550	56	2300	1.233	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8249	4.968	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	11331	6.007	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	43431	28.171	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	43431	76.779	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	538	0.277	ug/l	91
95) Naphthalene	13.780	128	2587	0.452	ug/l	94
96) 1,2,3-Trichlorobenzene	13.969	180	697	0.349	ug/l	89

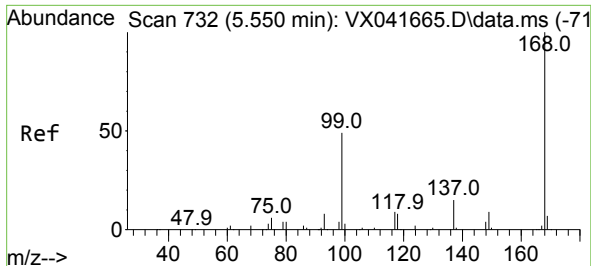
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
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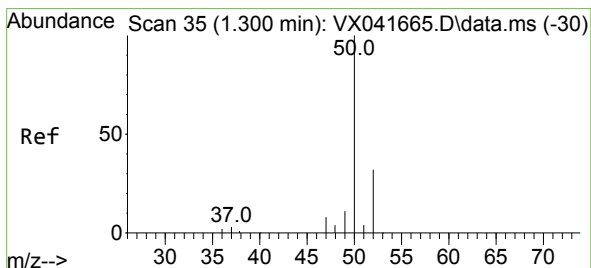
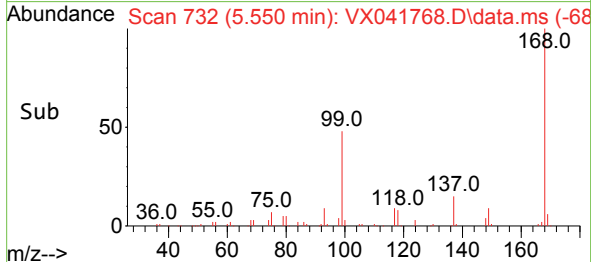
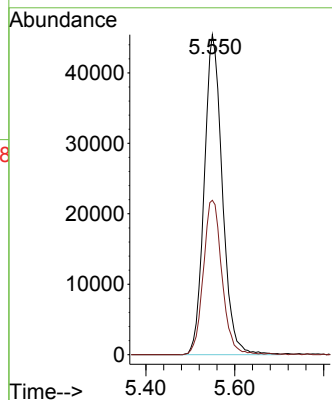
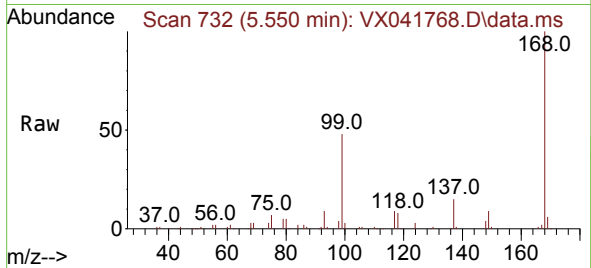




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

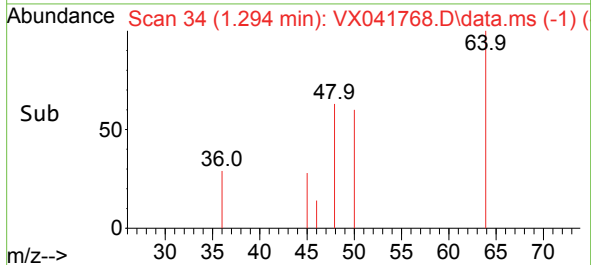
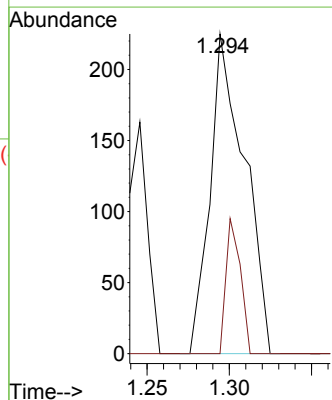
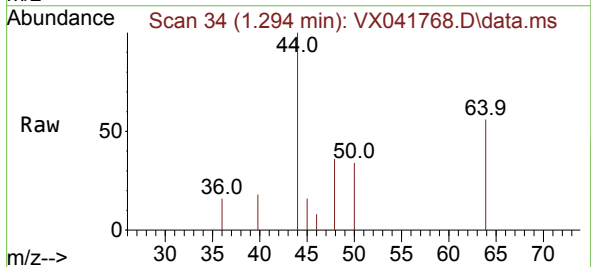
Instrument :
MSVOA_X
ClientSampleId :

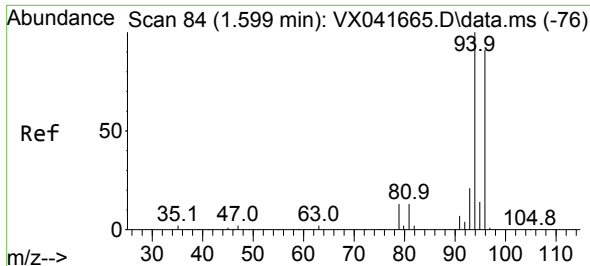
Tgt Ion:168 Resp: 128844
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0#



#3
Chloromethane
Concen: 0.266 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Tgt Ion: 50 Resp: 328
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

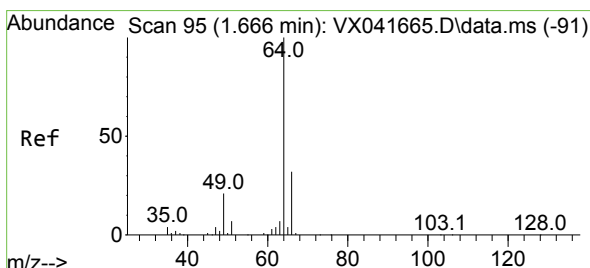
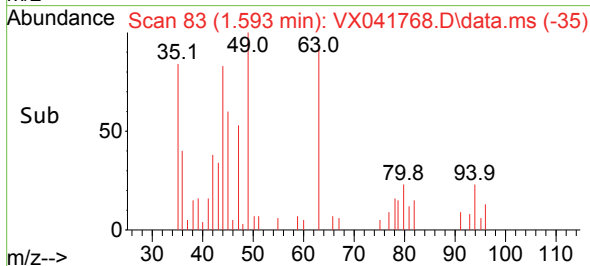
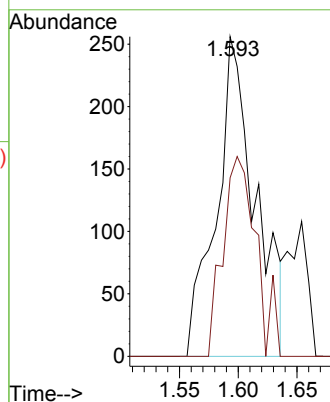
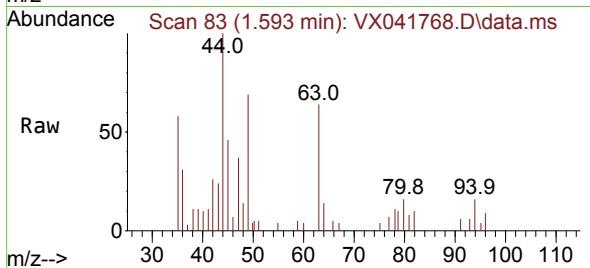




#5
Bromomethane
Concen: 0.667 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

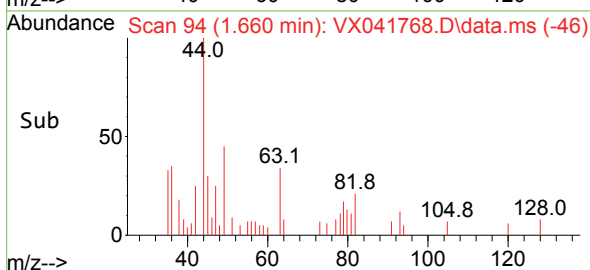
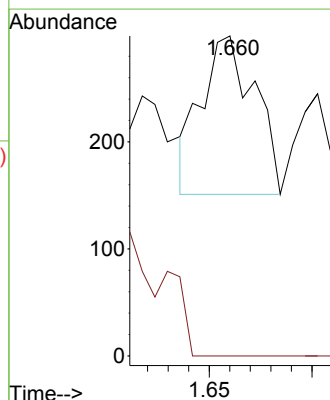
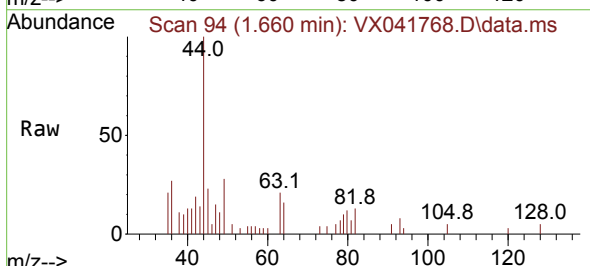
Instrument :
MSVOA_X
ClientSampleId :

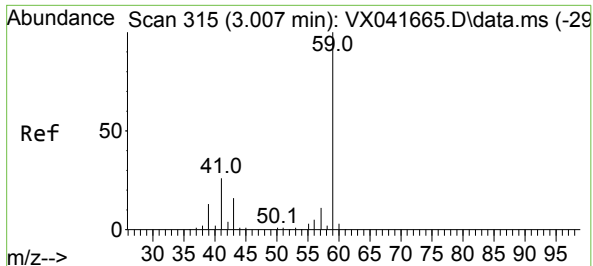
Tgt Ion: 94 Resp: 591
Ion Ratio Lower Upper
94 100
96 55.9 74.6 111.8#



#6
Chloroethane
Concen: 0.347 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Tgt Ion: 64 Resp: 267
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.966 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

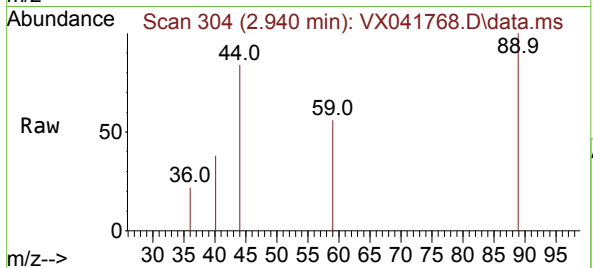
Lab File: VX041768.D

Acq: 06 Jun 2024 11:37

Instrument :

MSVOA_X

ClientSampleId :

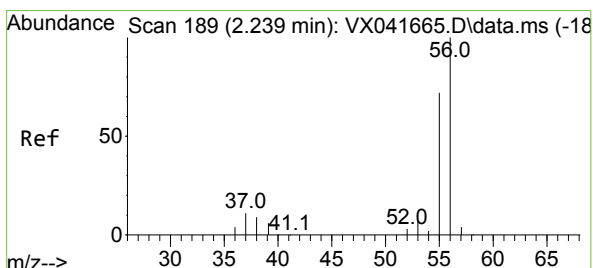
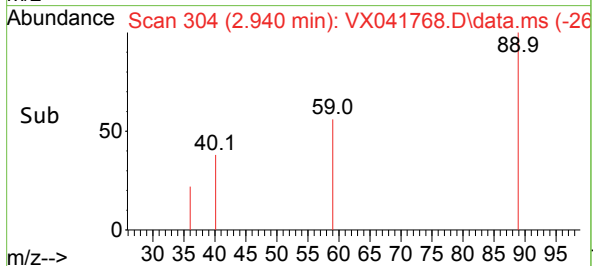
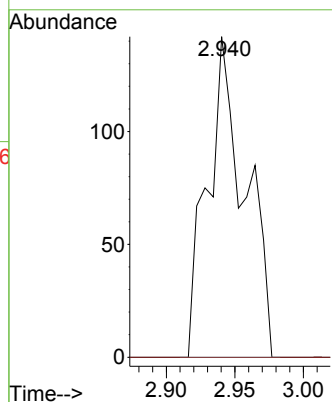


Tgt Ion: 59 Resp: 270

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.461 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX041768.D

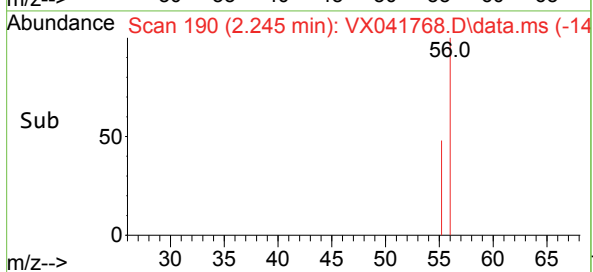
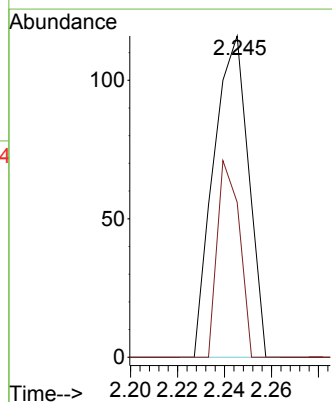
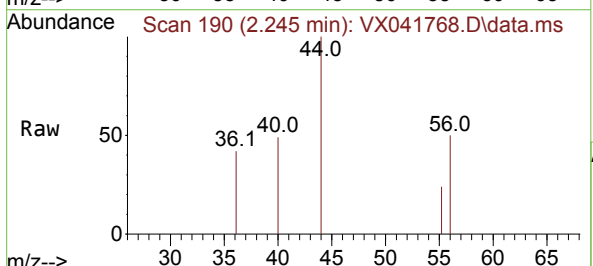
Acq: 06 Jun 2024 11:37

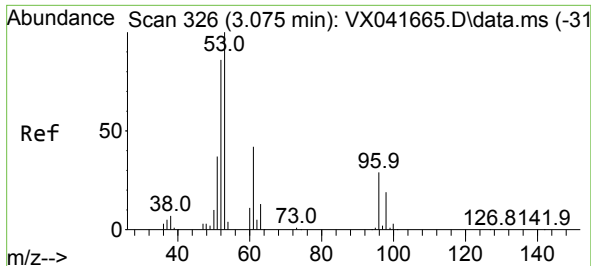
Tgt Ion: 56 Resp: 120

Ion Ratio Lower Upper

56 100

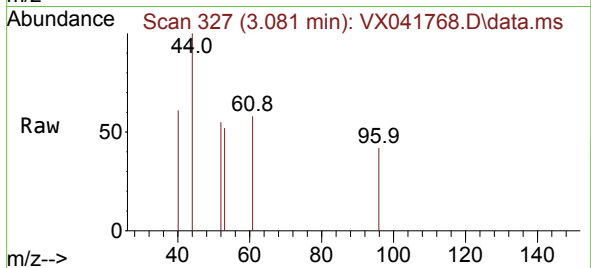
55 38.3 57.1 85.7#



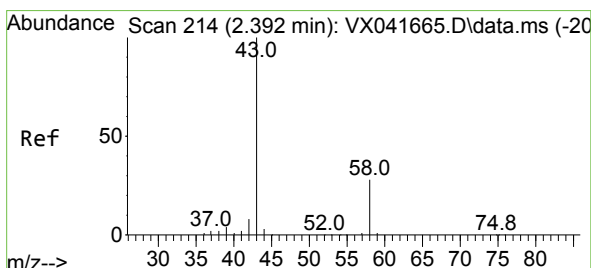
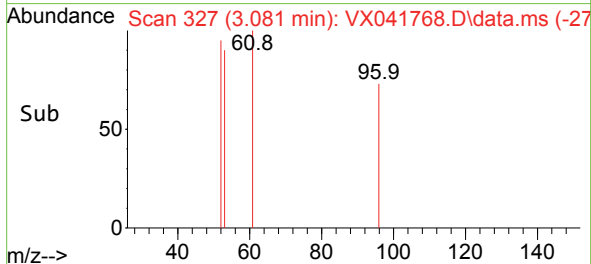
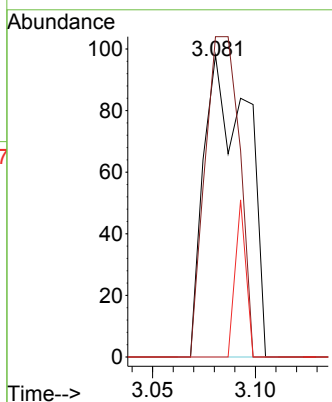


#15
Acrylonitrile
Concen: 0.210 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Instrument :
MSVOA_X
ClientSampleId :

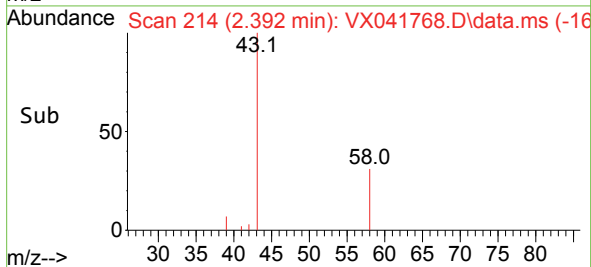
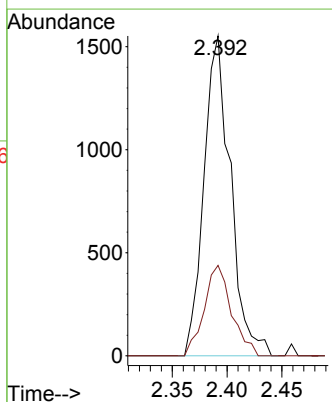
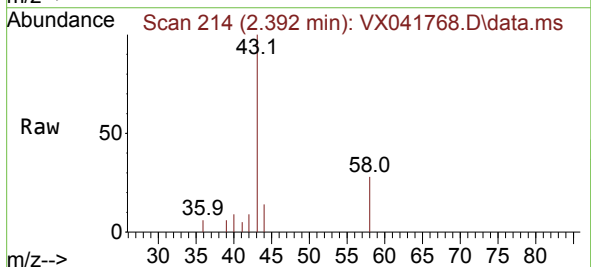


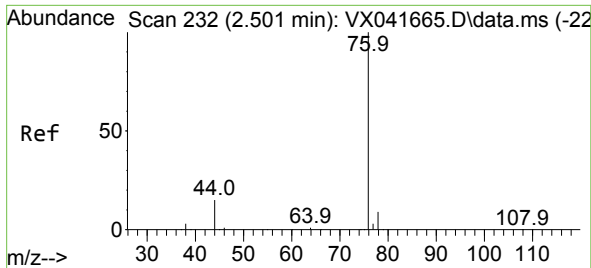
Tgt Ion: 53 Resp: 144
Ion Ratio Lower Upper
53 100
52 84.0 66.0 99.0
51 13.2 29.8 44.6#



#16
Acetone
Concen: 1.086 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

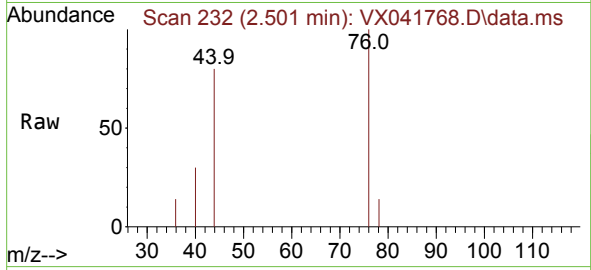
Tgt Ion: 43 Resp: 2619
Ion Ratio Lower Upper
43 100
58 28.3 21.9 32.9



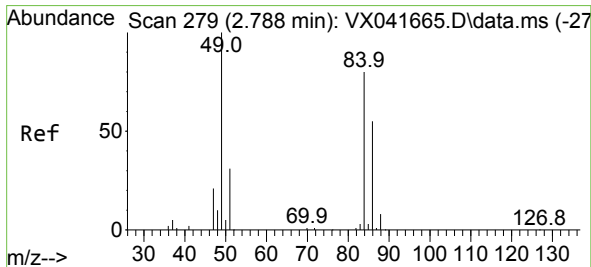
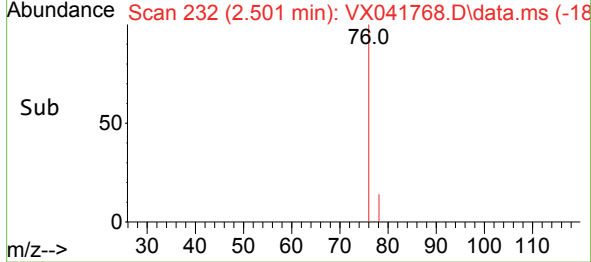
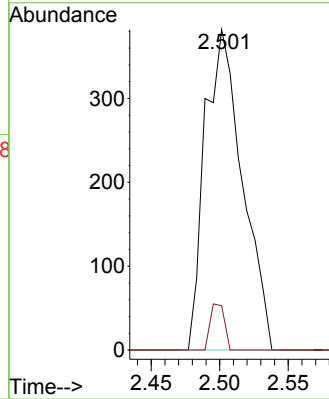


#17
Carbon Disulfide
Concen: 0.286 ug/l
RT: 2.501 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Instrument :
MSVOA_X
ClientSampleId :

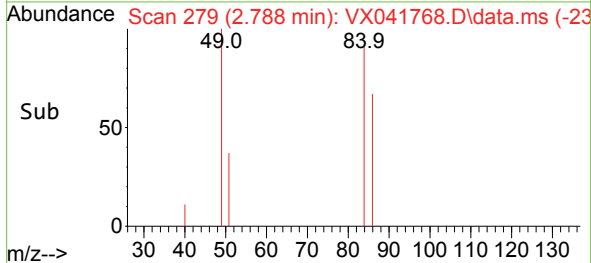
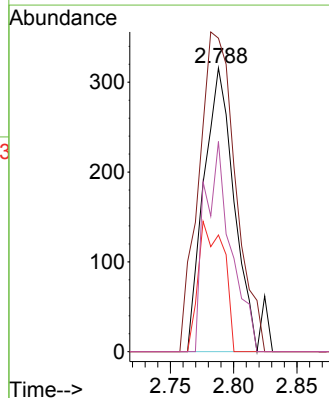
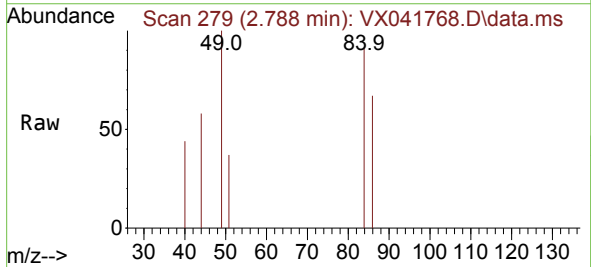


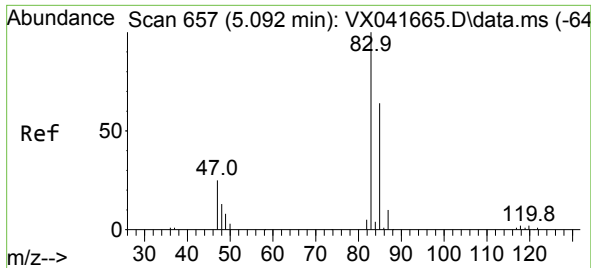
Tgt Ion: 76 Resp: 727
Ion Ratio Lower Upper
76 100
78 13.9 7.0 10.6#



#20
Methylene Chloride
Concen: 0.386 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Tgt Ion: 84 Resp: 546
Ion Ratio Lower Upper
84 100
49 110.4 103.6 155.4
51 41.1 33.8 50.6
86 74.1 49.4 74.0#

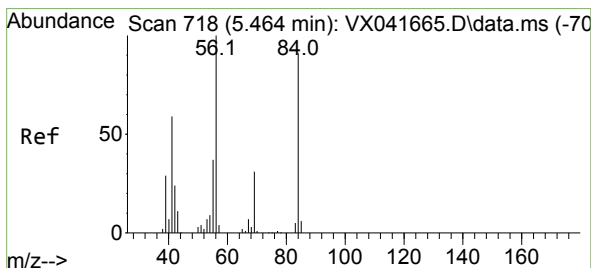
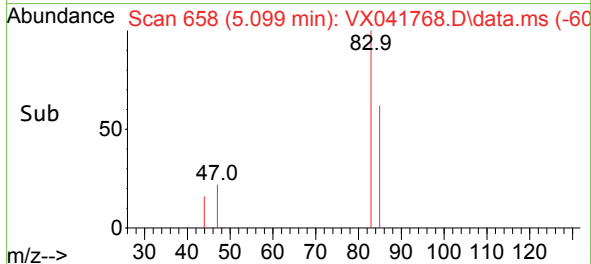
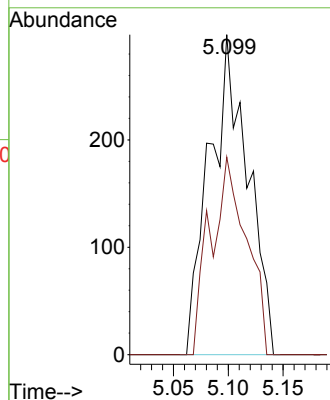
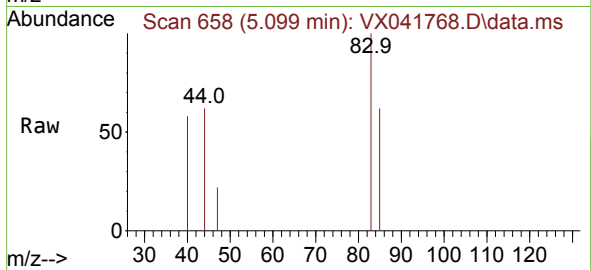




#30
Chloroform
Concen: 0.316 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

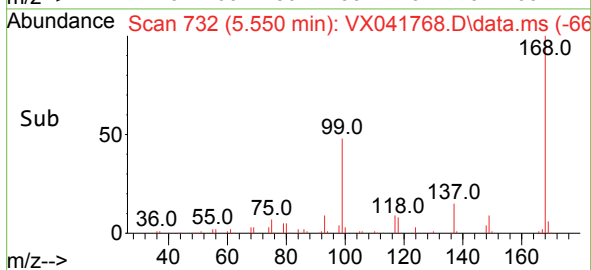
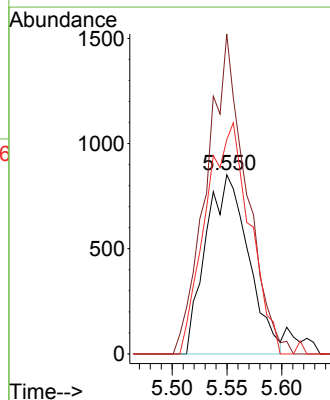
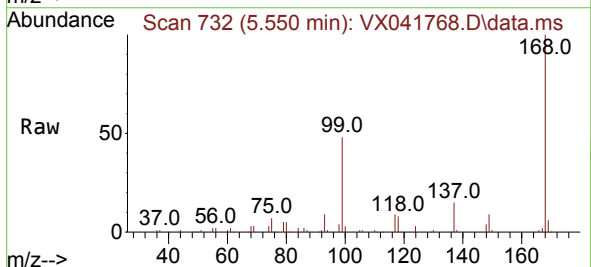
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ClientSampleId :

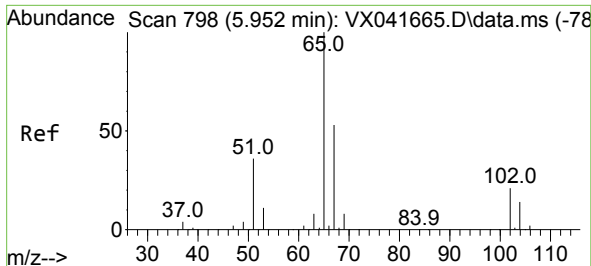
Tgt Ion: 83 Resp: 725
Ion Ratio Lower Upper
83 100
85 61.7 50.3 75.5



#31
Cyclohexane
Concen: 1.233 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Tgt Ion: 56 Resp: 2300
Ion Ratio Lower Upper
56 100
69 172.3 23.4 35.2#
84 119.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.704 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041768.D

Acq: 06 Jun 2024 11:37

Instrument :

MSVOA_X

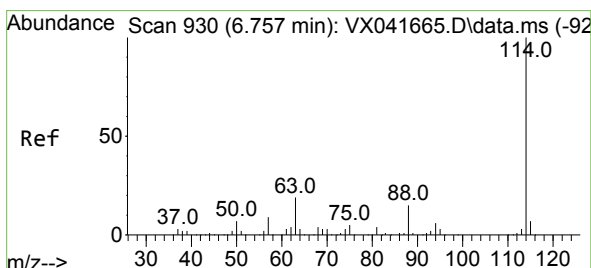
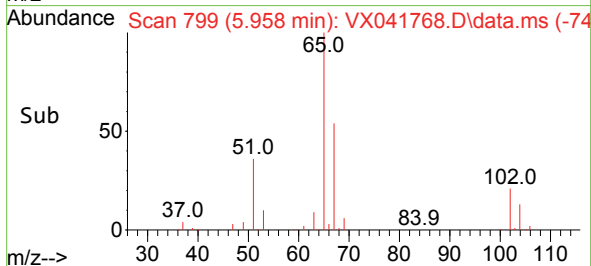
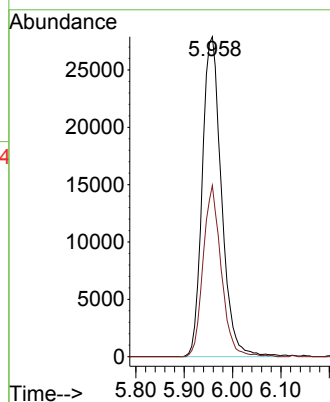
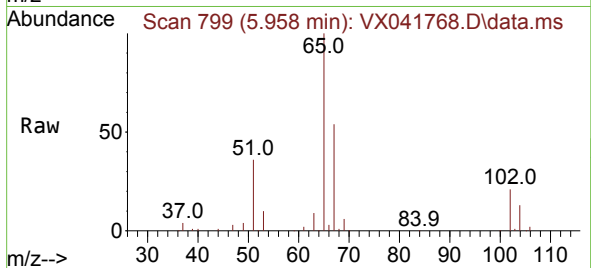
ClientSampleId :

Tgt Ion: 65 Resp: 76963

Ion Ratio Lower Upper

65 100

67 50.3 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: VX041768.D

Acq: 06 Jun 2024 11:37

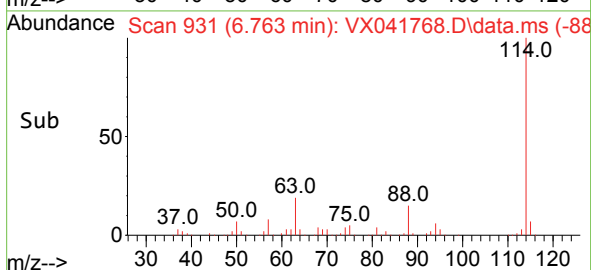
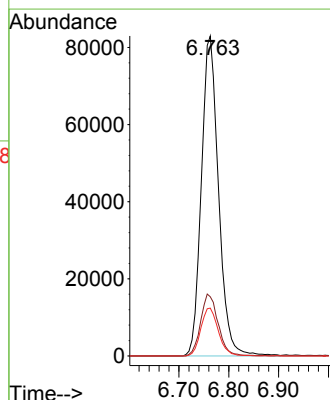
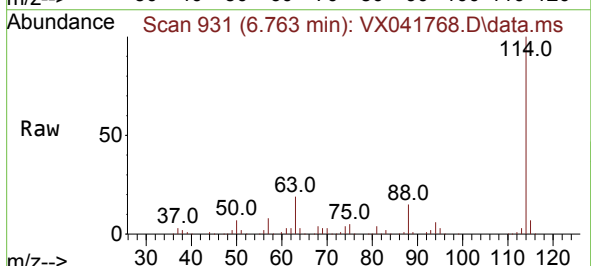
Tgt Ion: 114 Resp: 198321

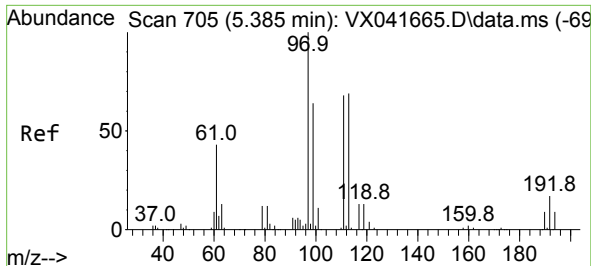
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

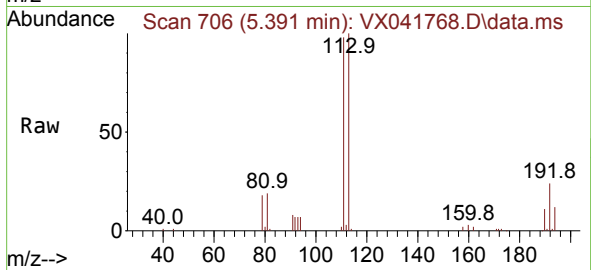
88 15.0 0.0 36.6



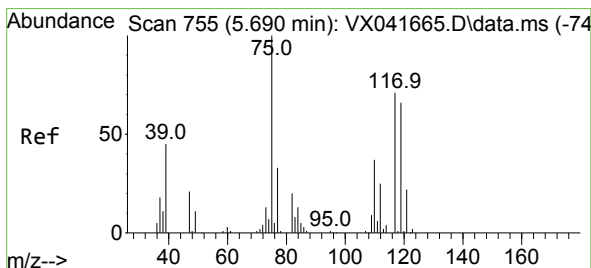
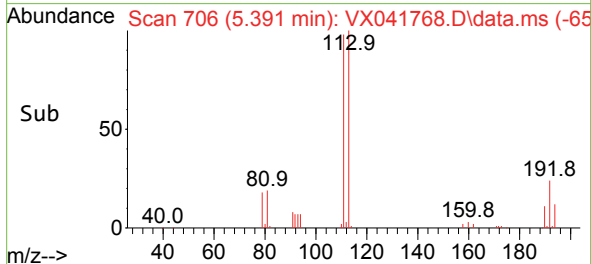
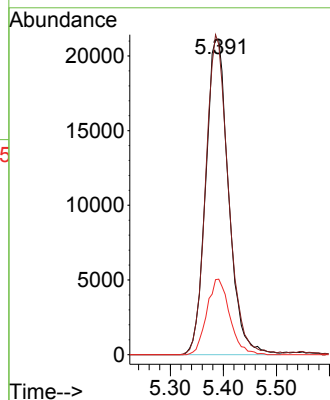


#35
Dibromofluoromethane
Concen: 46.238 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Instrument :
MSVOA_X
ClientSampleId :

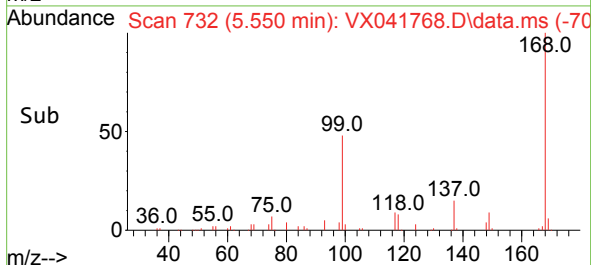
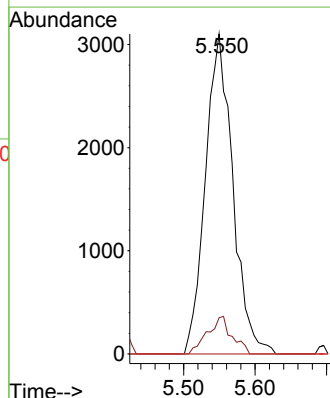
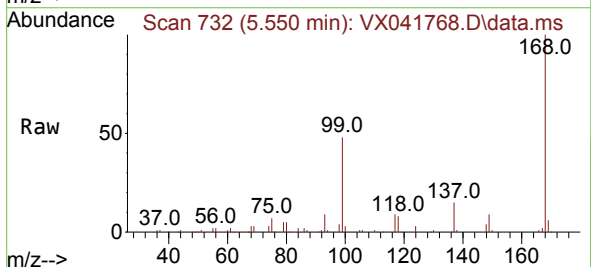


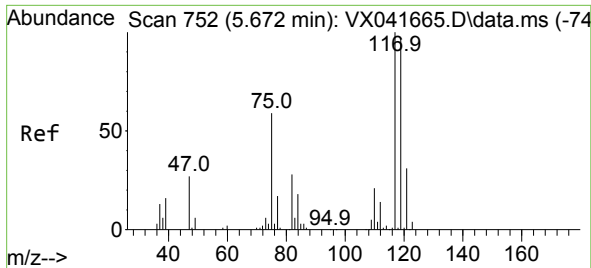
Tgt Ion:113 Resp: 63401
Ion Ratio Lower Upper
113 100
111 100.2 82.9 124.3
192 23.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.968 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

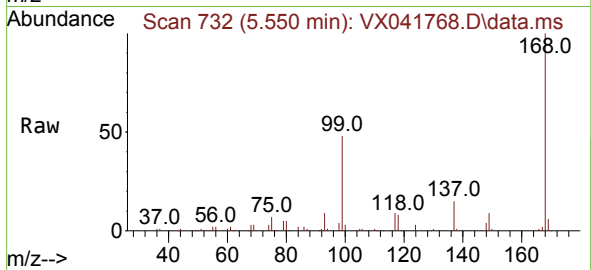
Tgt Ion: 75 Resp: 8249
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



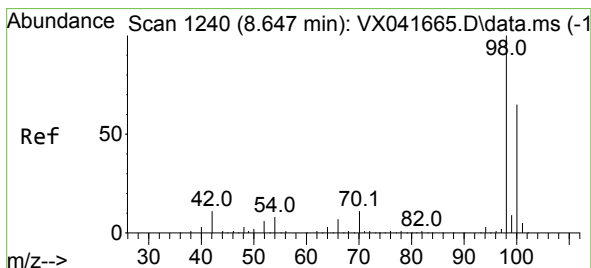
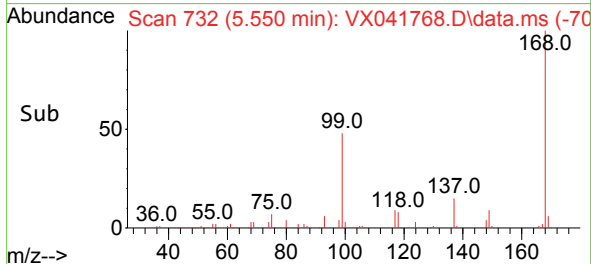
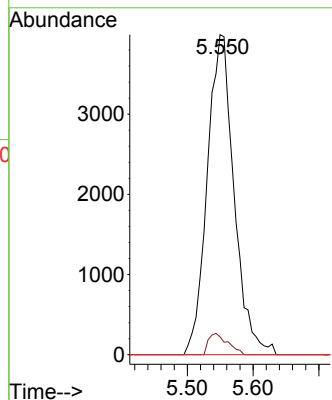


#38
Carbon Tetrachloride
Concen: 6.007 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Instrument :
MSVOA_X
ClientSampleId :

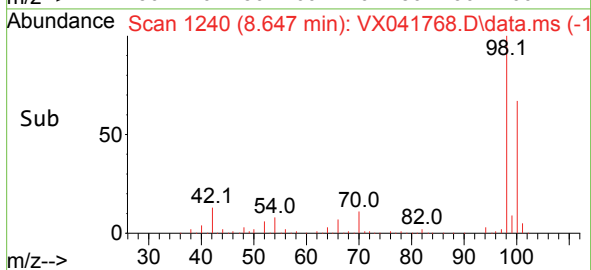
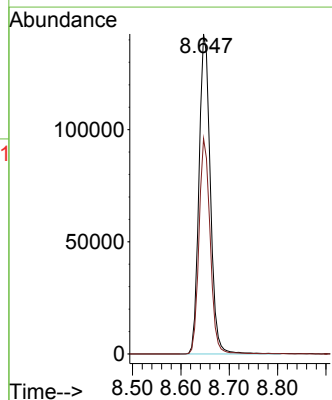
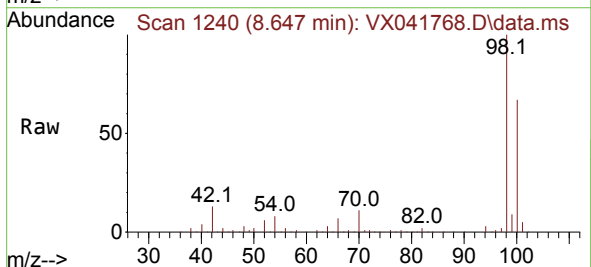


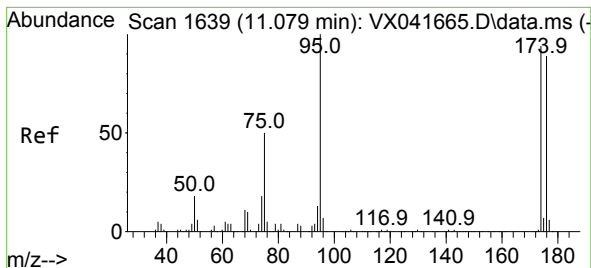
Tgt Ion:117 Resp: 11331
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.305 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Tgt Ion: 98 Resp: 231433
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

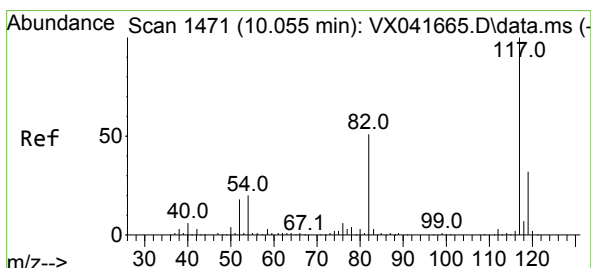
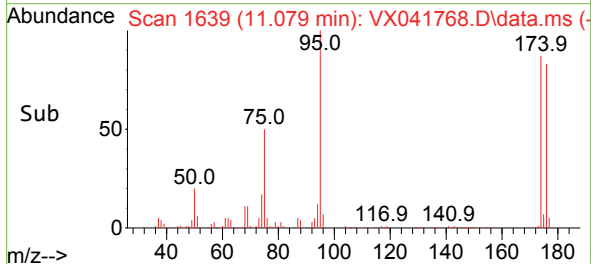
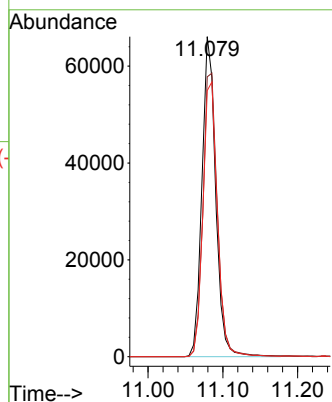
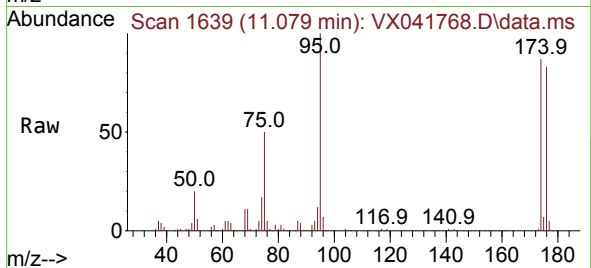




#62
4-Bromofluorobenzene
Concen: 47.714 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

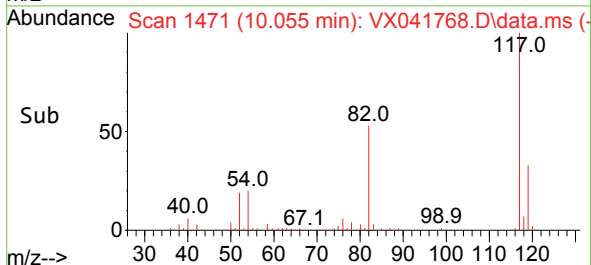
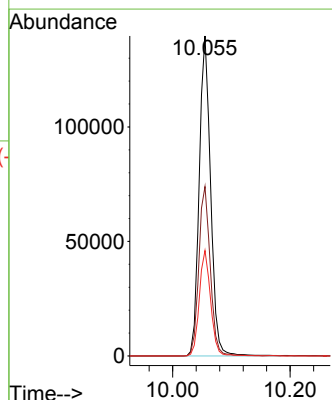
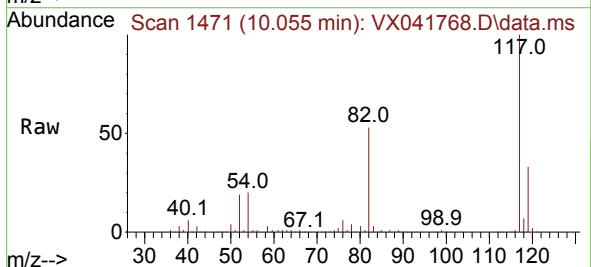
Instrument :
MSVOA_X
ClientSampleId :

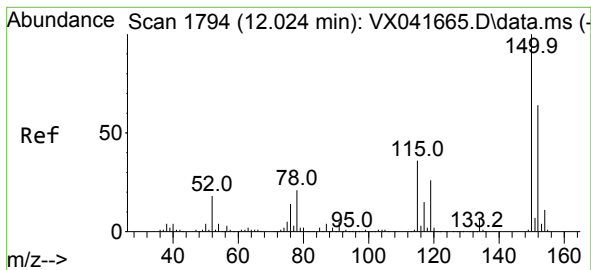
Tgt Ion: 95 Resp: 84372
Ion Ratio Lower Upper
95 100
174 93.5 0.0 135.6
176 90.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Tgt Ion: 117 Resp: 188529
Ion Ratio Lower Upper
117 100
82 53.0 46.2 69.4
119 33.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041768.D

Acq: 06 Jun 2024 11:37

Instrument :

MSVOA_X

ClientSampleId :

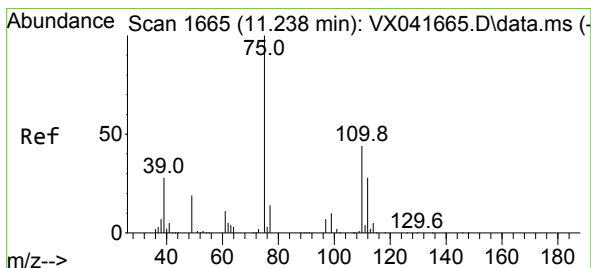
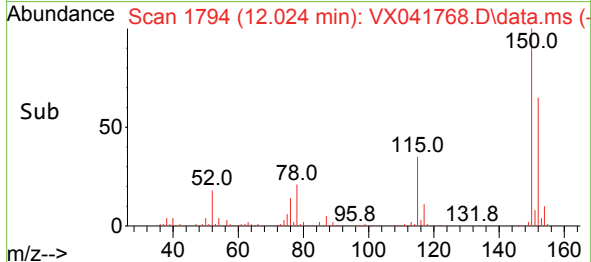
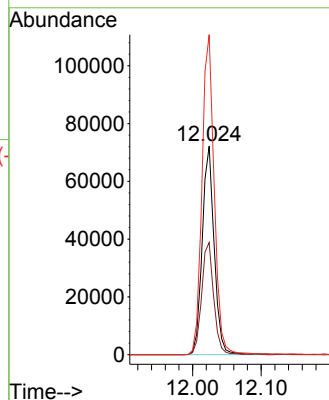
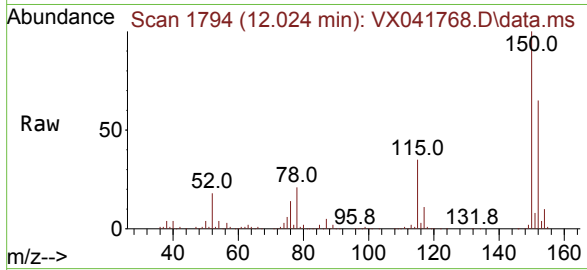
Tgt Ion:152 Resp: 88361

Ion Ratio Lower Upper

152 100

115 54.0 43.3 129.9

150 157.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 28.171 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041768.D

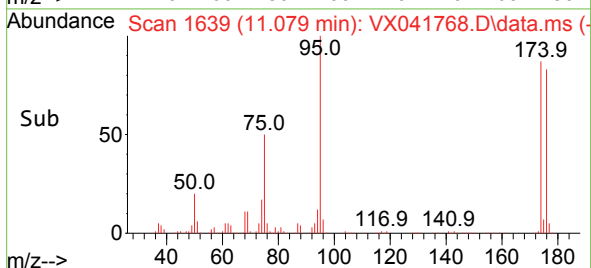
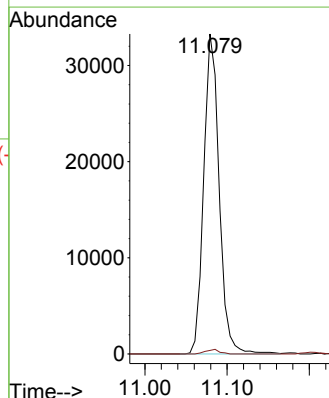
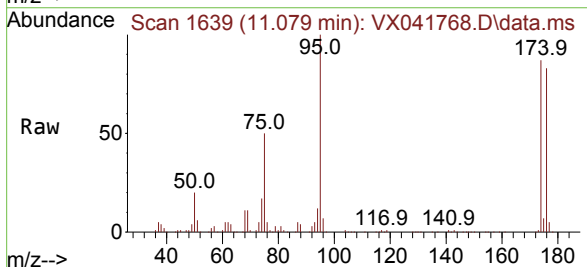
Acq: 06 Jun 2024 11:37

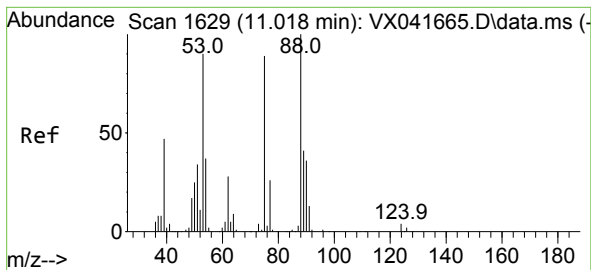
Tgt Ion: 75 Resp: 43431

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

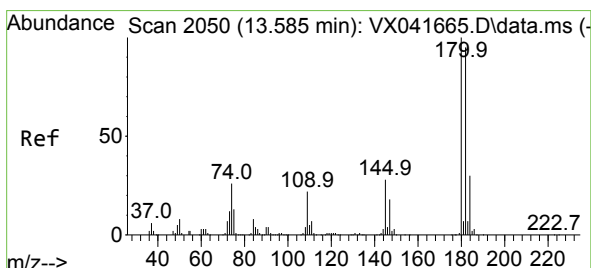
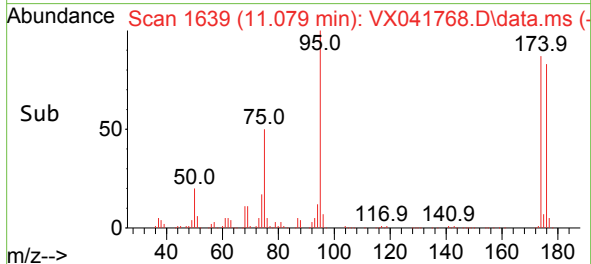
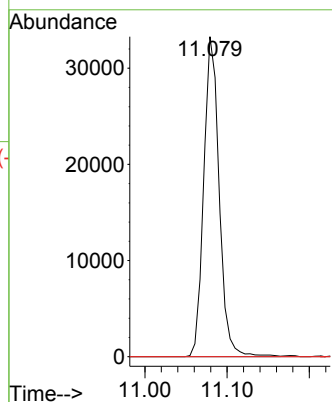
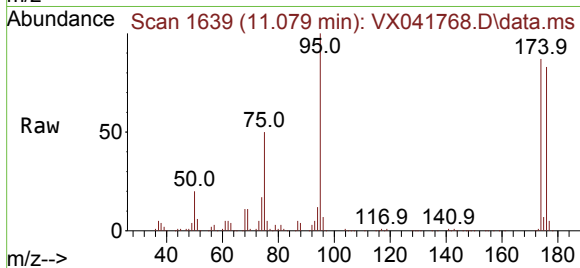




#81
trans-1,4-Dichloro-2-butene
Concen: 76.779 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

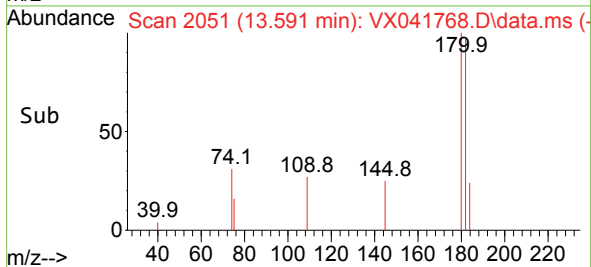
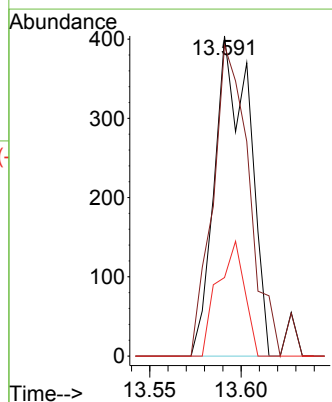
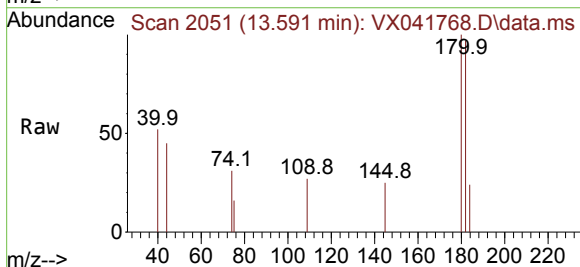
Instrument :
MSVOA_X
ClientSampleId :

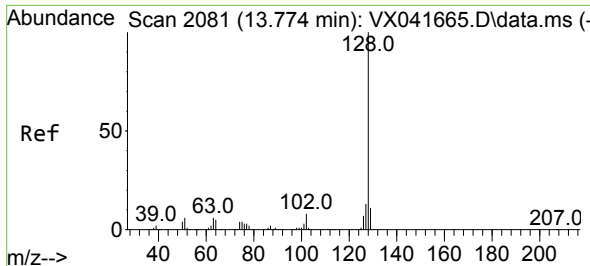
Tgt Ion: 75 Resp: 43431
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.277 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Tgt Ion:180 Resp: 538
Ion Ratio Lower Upper
180 100
182 103.5 48.3 144.8
145 27.5 18.0 54.0

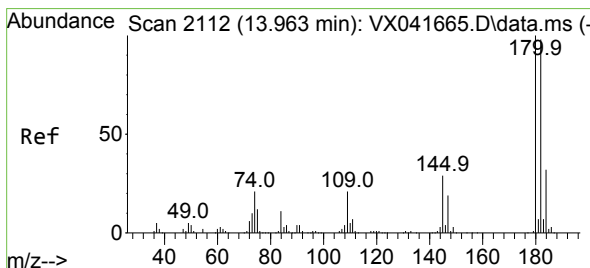
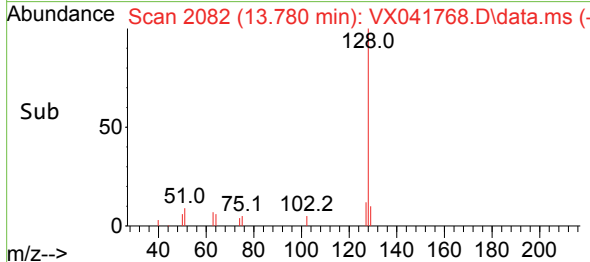
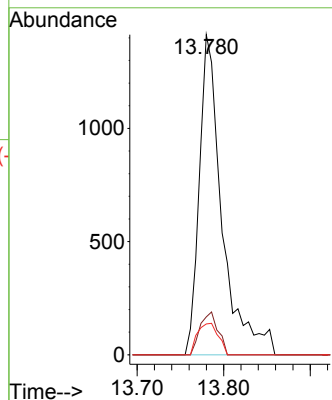
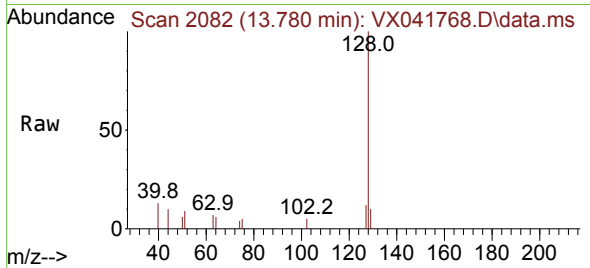




#95
Naphthalene
Concen: 0.452 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128	Resp:	2587
Ion Ratio	Lower	Upper
128	100	
127	10.6	10.3 15.5
129	8.9	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.349 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX041768.D
Acq: 06 Jun 2024 11:37

Tgt Ion:180	Resp:	697
Ion Ratio	Lower	Upper
180	100	
182	89.1	46.9 140.6
145	18.9	17.8 53.5

