

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042021.D
 Acq On : 25 Jun 2024 10:50
 Operator : JC/MD
 Sample : VX0625WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBL01

Quant Time: Jun 26 05:32:52 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)

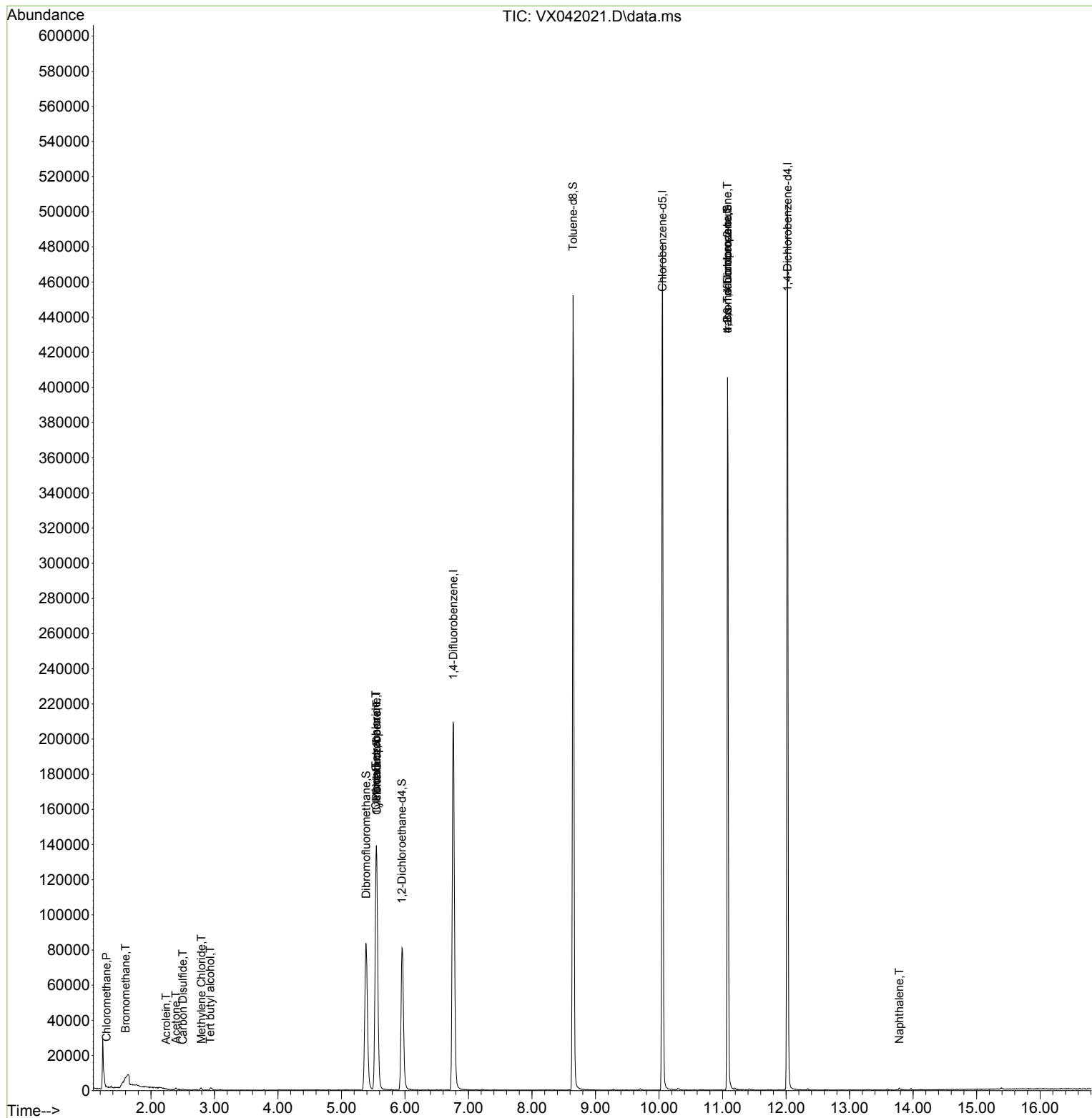
Internal Standards						
1) Pentafluorobenzene	5.550	168	155799	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	240415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79458	44.228	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.460%
35) Dibromofluoromethane	5.385	113	75208	44.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.180%
50) Toluene-d8	8.647	98	280067	46.734	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.460%
62) 4-Bromofluorobenzene	11.079	95	109159	49.413	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.820%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	303	0.203	ug/l	96
5) Bromomethane	1.599	94	343	0.465	ug/l	# 75
6) Chloroethane	1.672	64	186	Below Cal	#	43
11) Tert butyl alcohol	2.934	59	878	2.575	ug/l	# 78
13) Acrolein	2.239	56	185	0.484	ug/l	95
16) Acetone	2.392	43	1159	1.469	ug/l	93
17) Carbon Disulfide	2.502	76	630	0.230	ug/l	# 76
20) Methylene Chloride	2.794	84	682	0.395	ug/l	# 59
31) Cyclohexane	5.556	56	2193	1.044	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	9076	5.010	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	13189	6.590	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	50052	21.961	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	50052	62.367	ug/l	# 5
95) Naphthalene	13.786	128	1215	0.881	ug/l	# 88

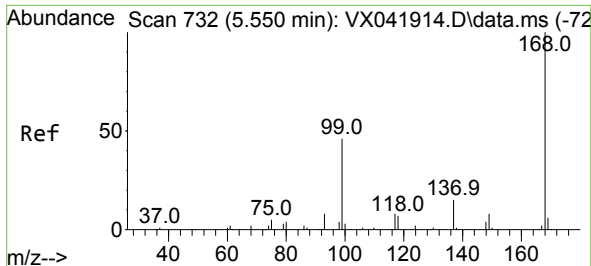
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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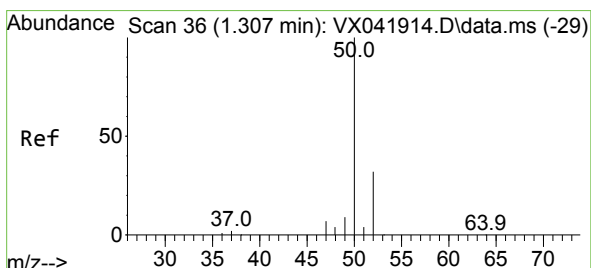
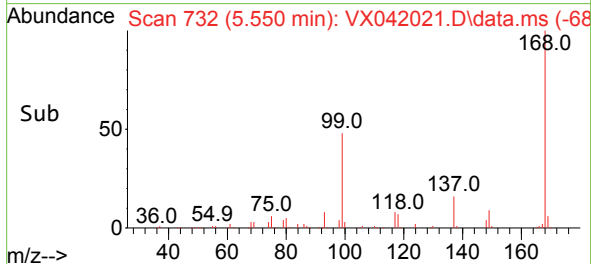
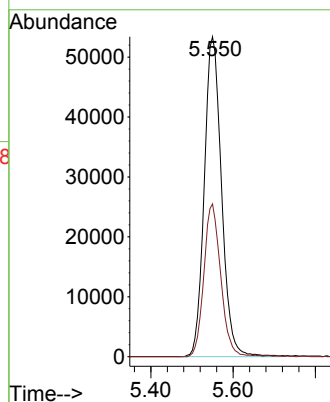
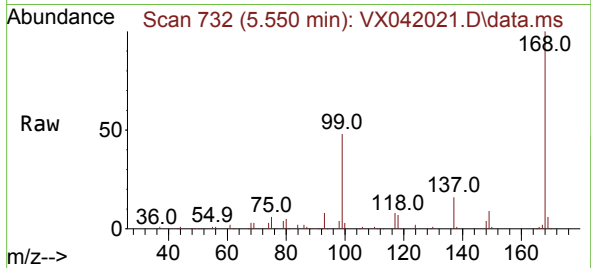




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

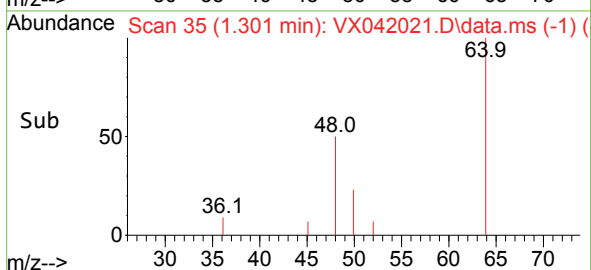
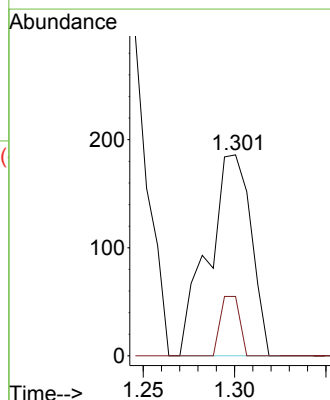
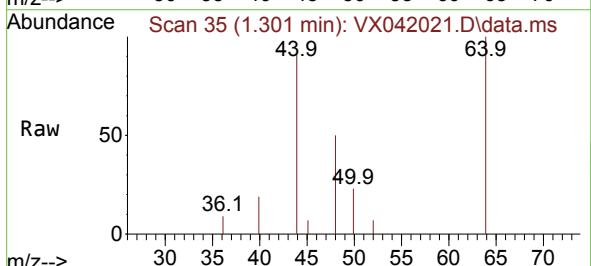
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

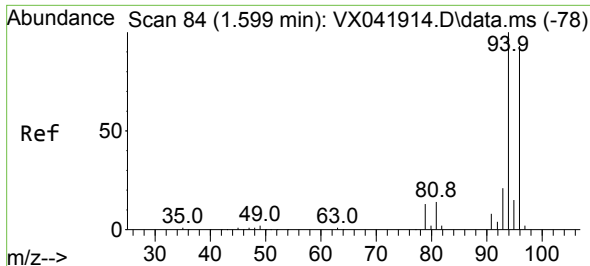
Tgt Ion:168 Resp: 155799
Ion Ratio Lower Upper
168 100
99 47.8 56.6 85.0#



#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

Tgt Ion: 50 Resp: 303
Ion Ratio Lower Upper
50 100
52 29.6 25.5 38.3

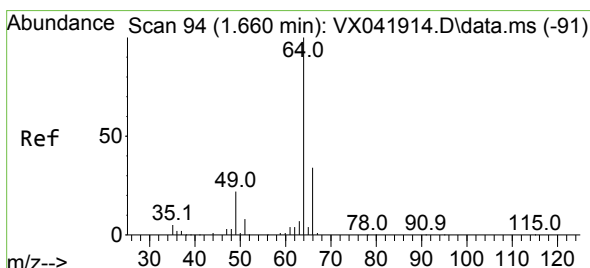
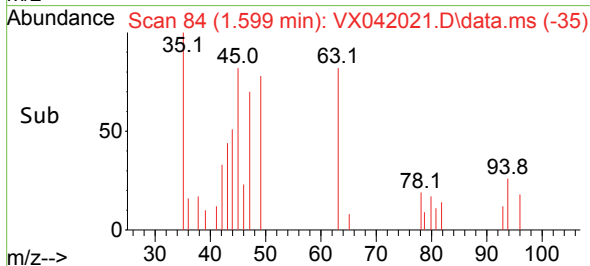
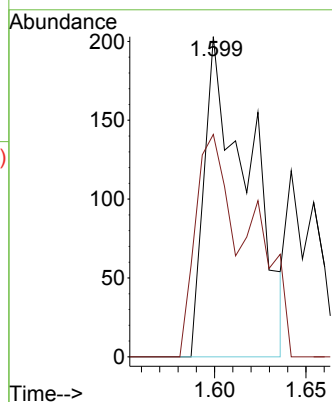
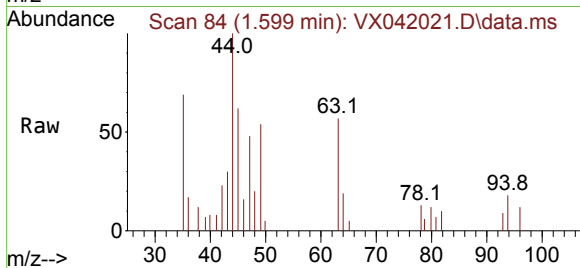




#5
Bromomethane
Concen: 0.465 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

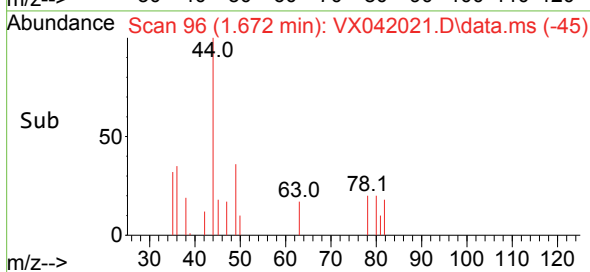
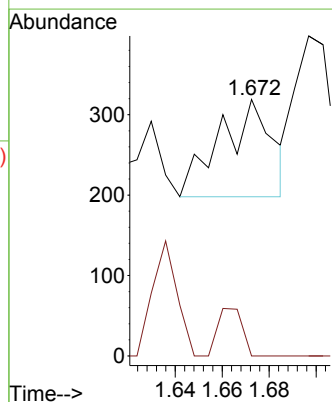
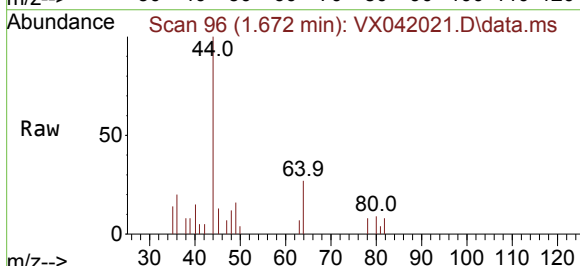
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

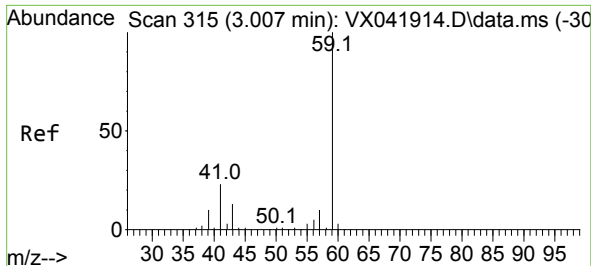
Tgt Ion: 94 Resp: 343
Ion Ratio Lower Upper
94 100
96 69.5 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

Tgt Ion: 64 Resp: 186
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 2.575 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.073 min

Lab File: VX042021.D

Acq: 25 Jun 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

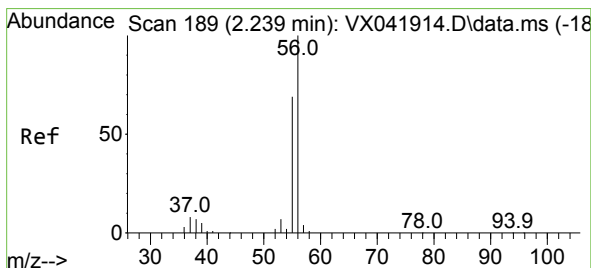
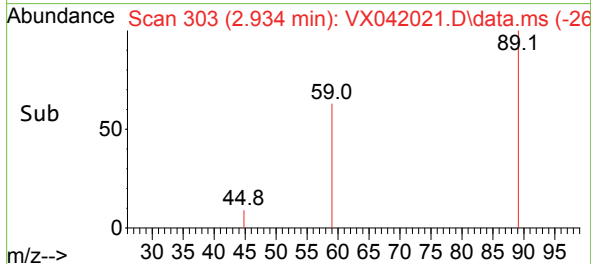
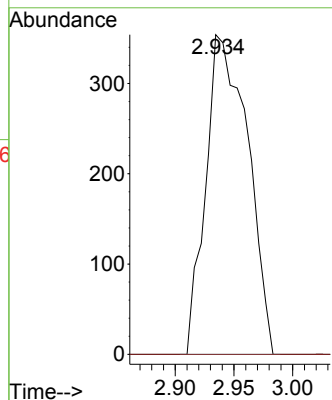
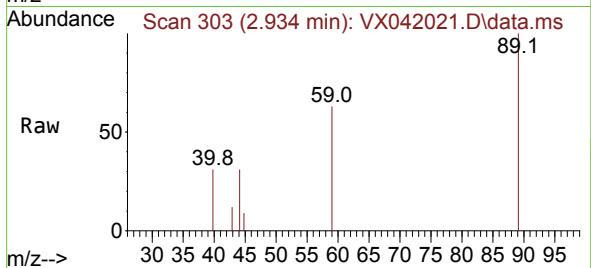
VX0625WBL01

Tgt Ion: 59 Resp: 878

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.484 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX042021.D

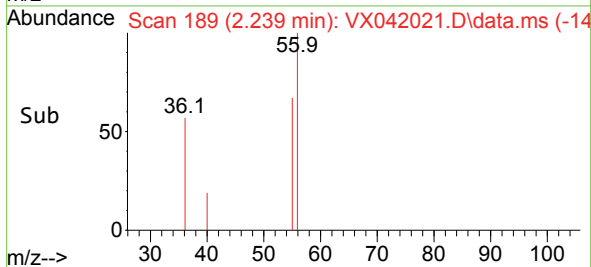
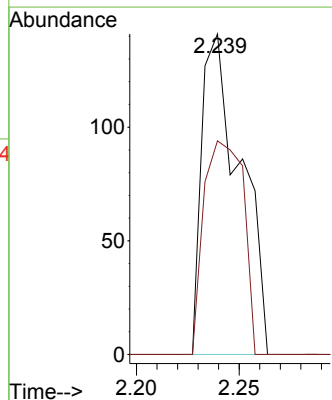
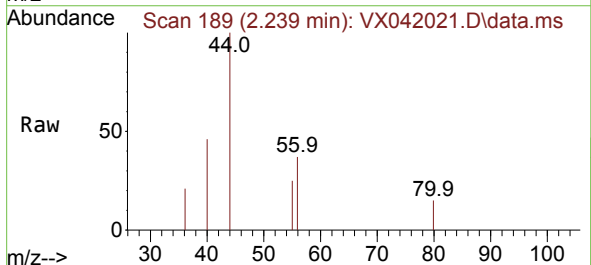
Acq: 25 Jun 2024 10:50

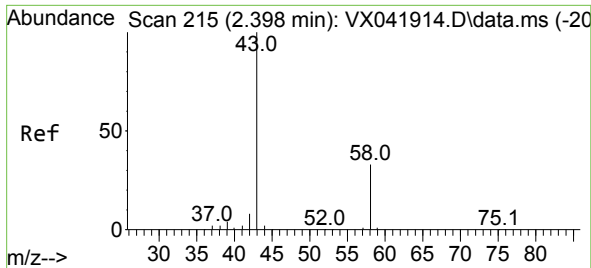
Tgt Ion: 56 Resp: 185

Ion Ratio Lower Upper

56 100

55 67.6 57.1 85.7

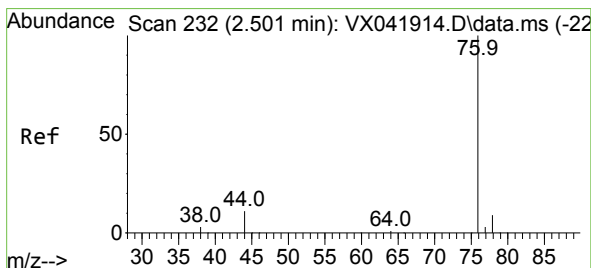
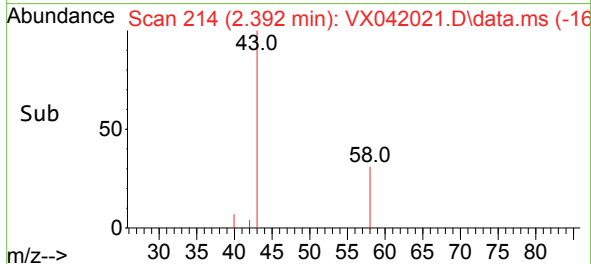
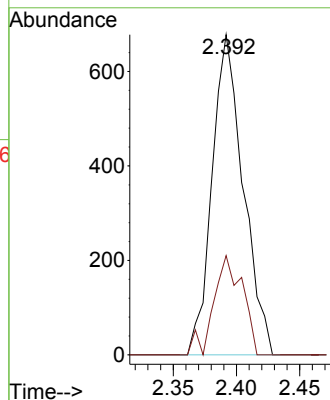
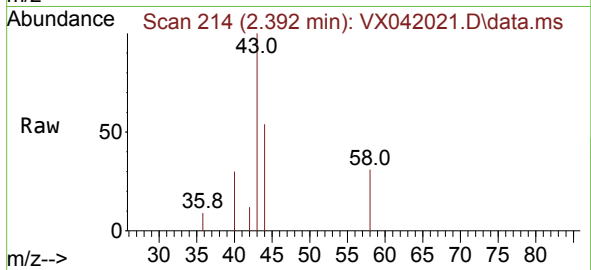




#16
Acetone
Concen: 1.469 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

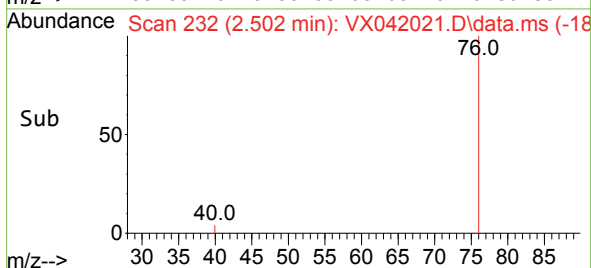
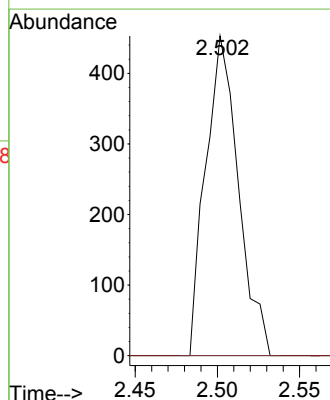
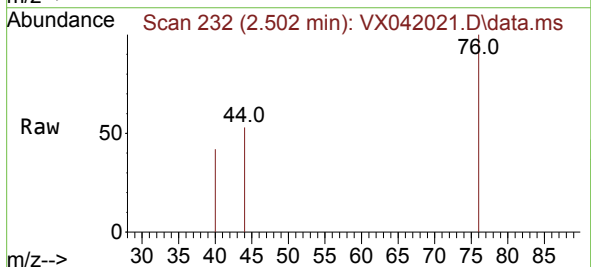
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

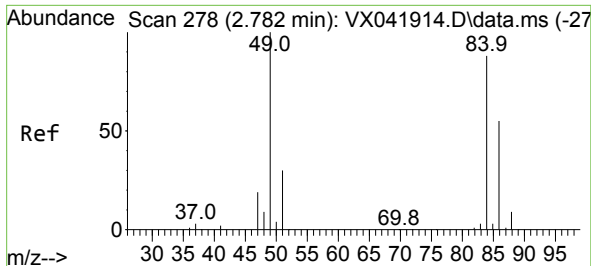
Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9



#17
Carbon Disulfide
Concen: 0.230 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

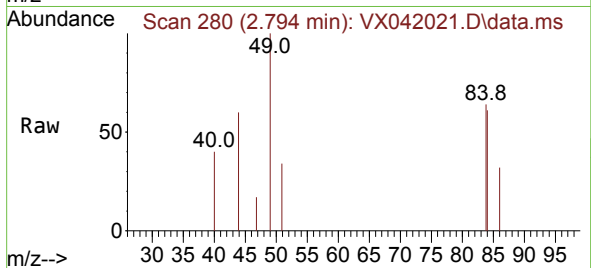
Tgt Ion: 76 Resp: 630
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



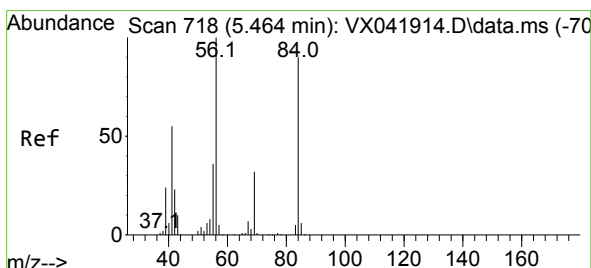
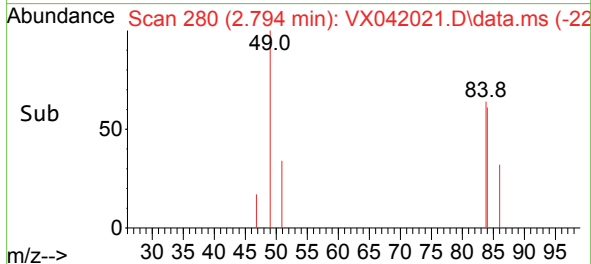
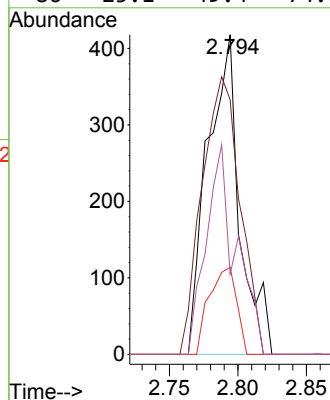


#20
Methylene Chloride
Concen: 0.395 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

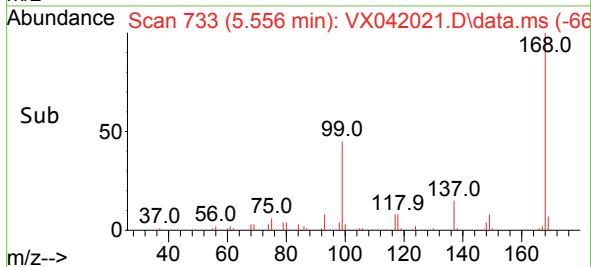
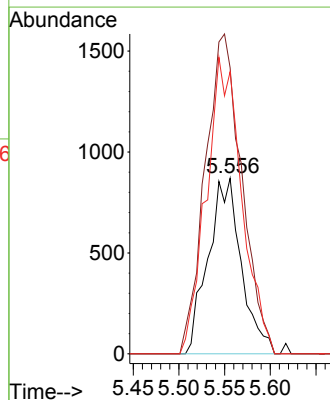
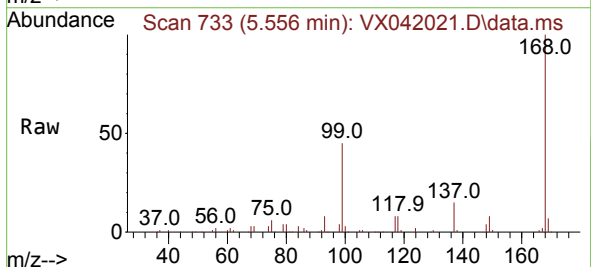


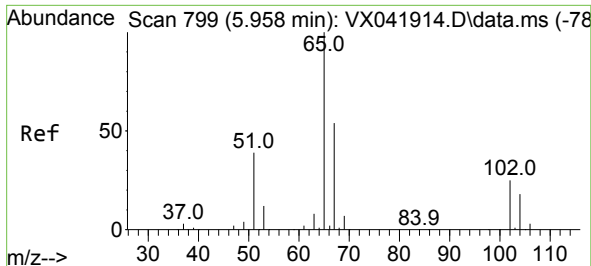
Tgt Ion:	84	Resp:	682
Ion	Ratio	Lower	Upper
84	100		
49	79.7	103.6	155.4#
51	27.3	33.8	50.6#
86	25.1	49.4	74.0#



#31
Cyclohexane
Concen: 1.044 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

Tgt Ion:	56	Resp:	2193
Ion	Ratio	Lower	Upper
56	100		
69	163.0	23.4	35.2#
84	160.7	65.9	98.9#

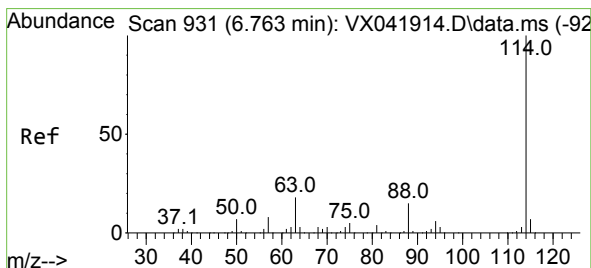
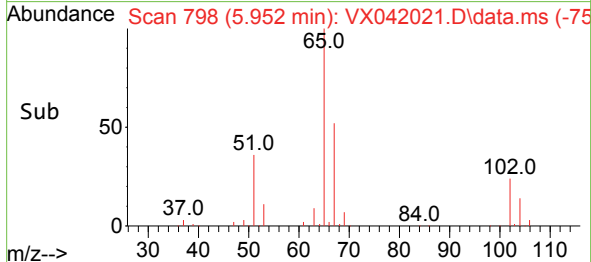
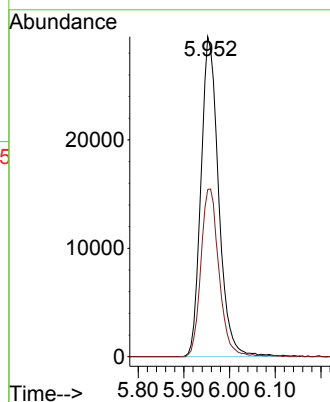
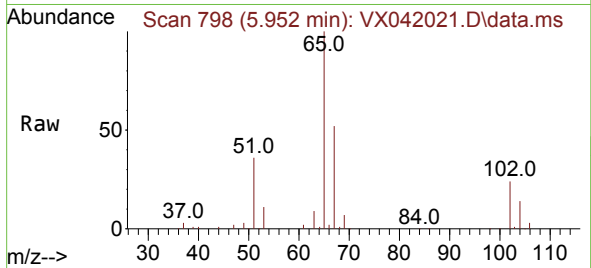




#33
1,2-Dichloroethane-d4
Concen: 44.228 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

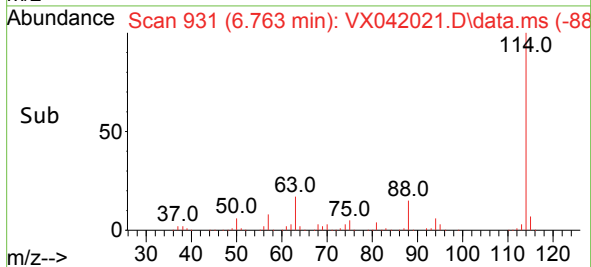
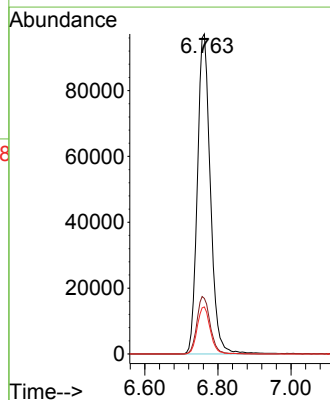
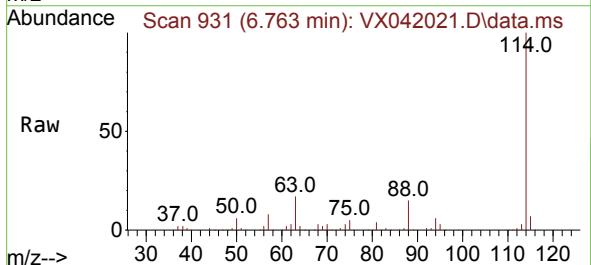
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

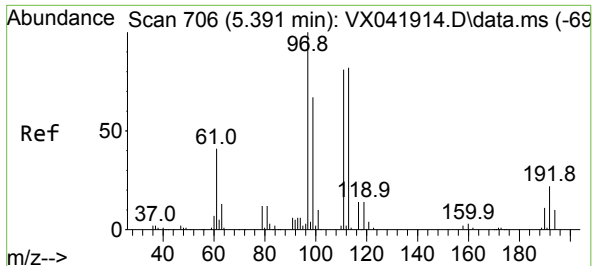
Tgt Ion: 65 Resp: 79458
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

Tgt Ion:114 Resp: 240415
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 14.7 0.0 36.6

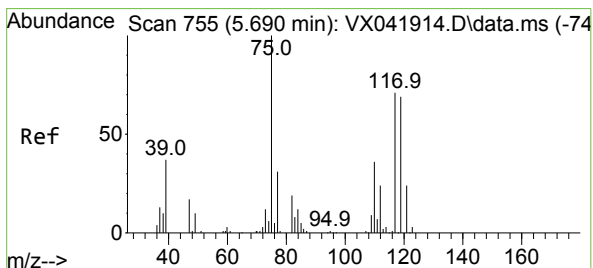
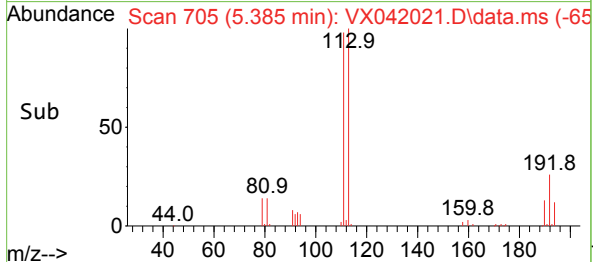
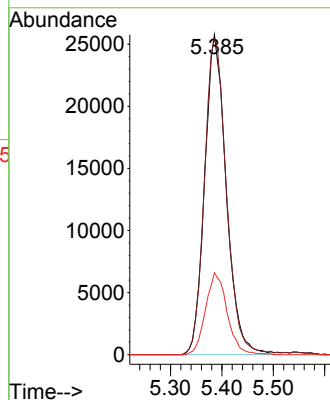
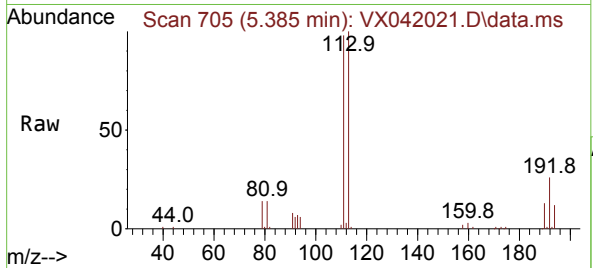




#35
Dibromofluoromethane
Concen: 44.088 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

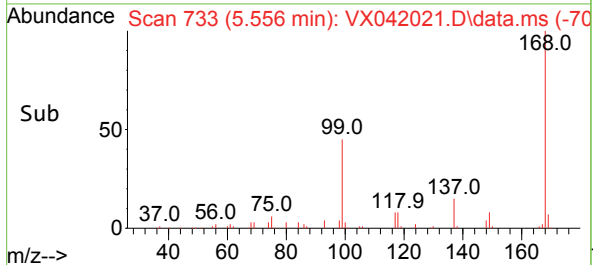
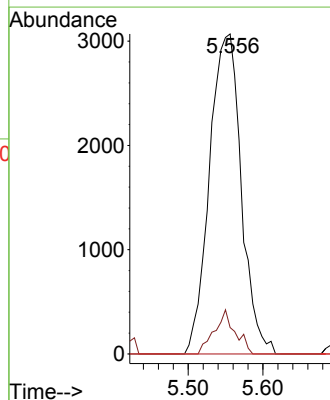
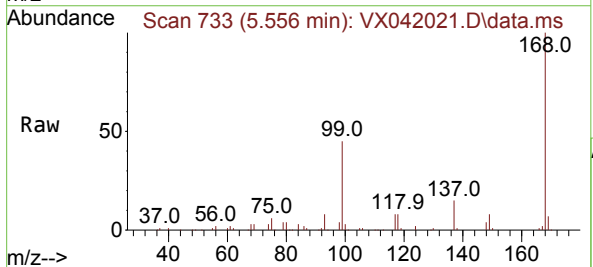
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

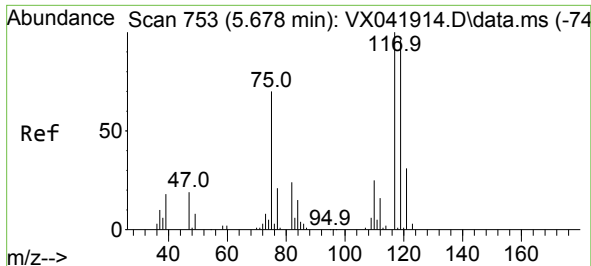
Tgt Ion:113 Resp: 75208
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 25.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.010 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

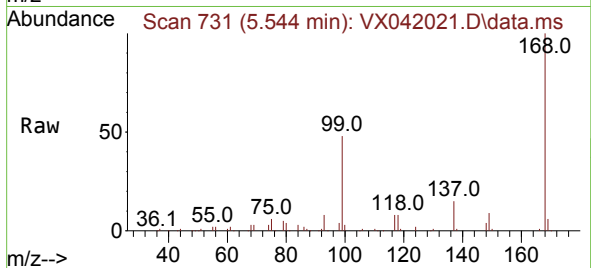
Tgt Ion: 75 Resp: 9076
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



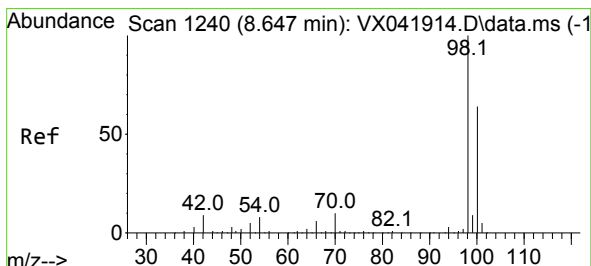
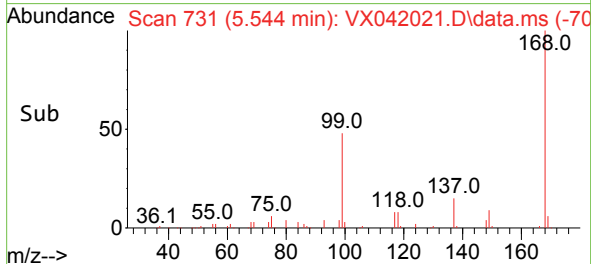
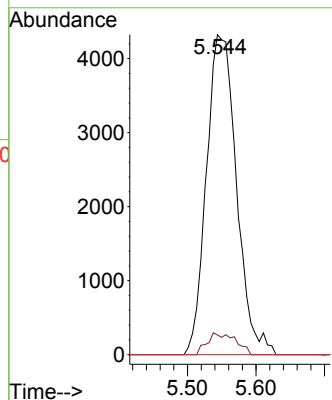


#38
Carbon Tetrachloride
Concen: 6.590 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

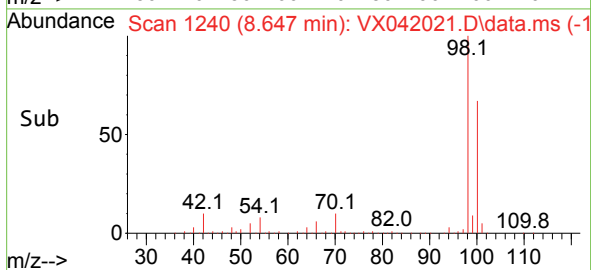
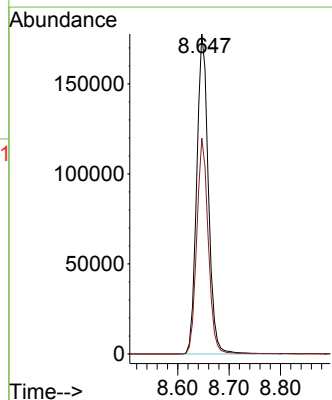
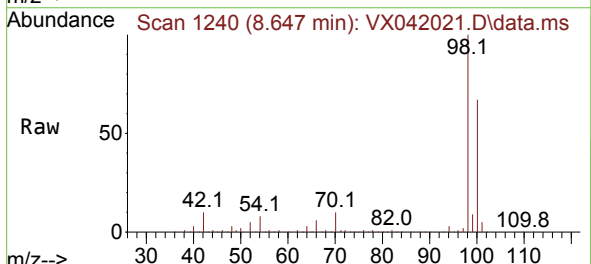


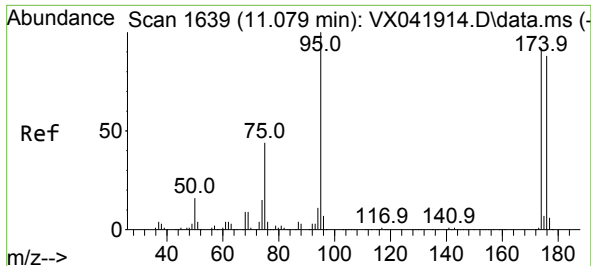
Tgt Ion:117 Resp: 13189
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.734 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

Tgt Ion: 98 Resp: 280067
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

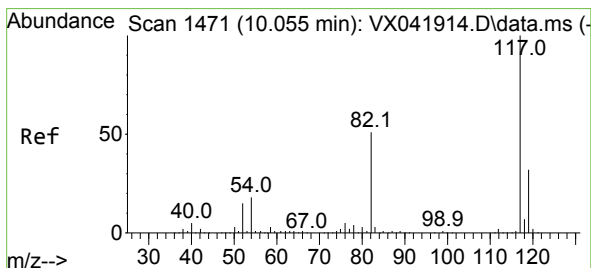
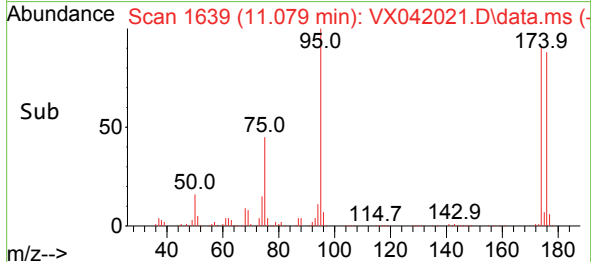
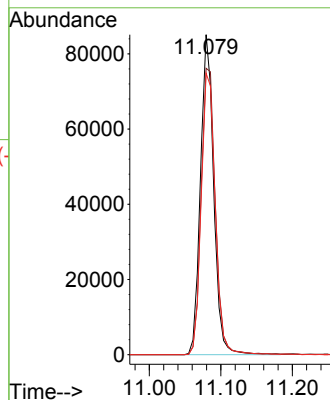
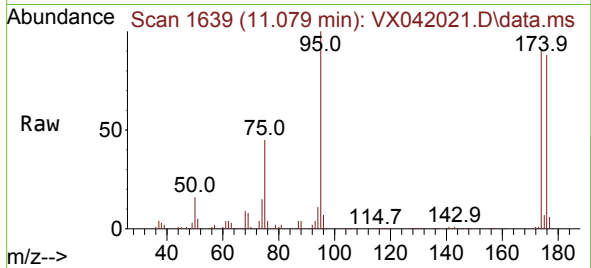




#62
4-Bromofluorobenzene
Concen: 49.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

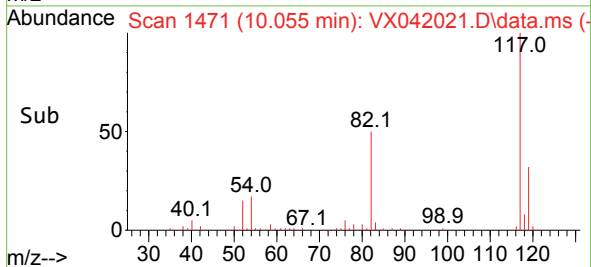
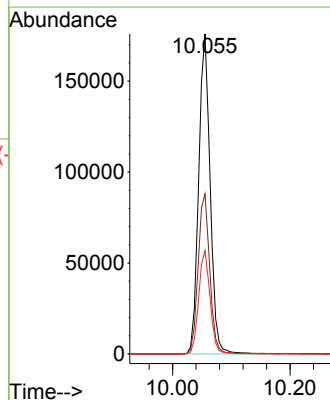
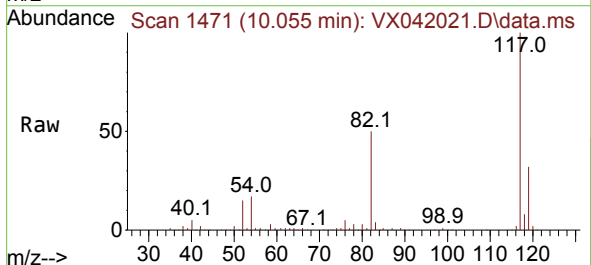
Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

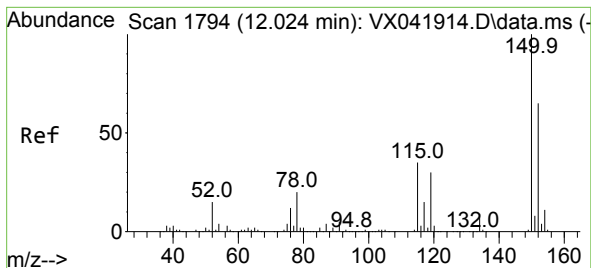
Tgt Ion: 95 Resp: 109159
Ion Ratio Lower Upper
95 100
174 96.9 0.0 135.6
176 93.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

Tgt Ion: 117 Resp: 239063
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.3 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: VX042021.D

Acq: 25 Jun 2024 10:50

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBL01

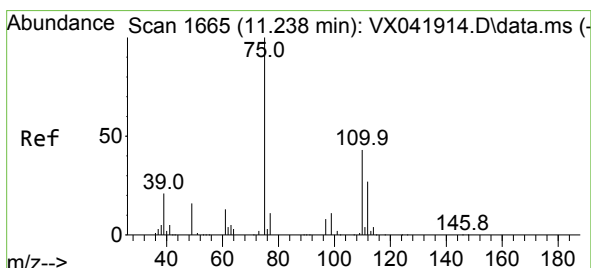
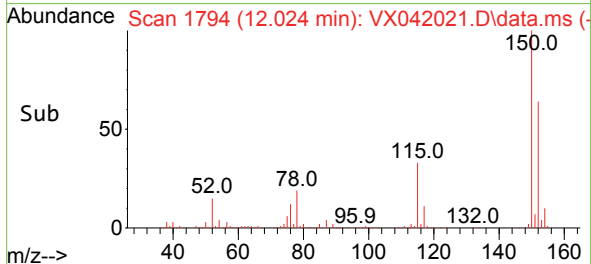
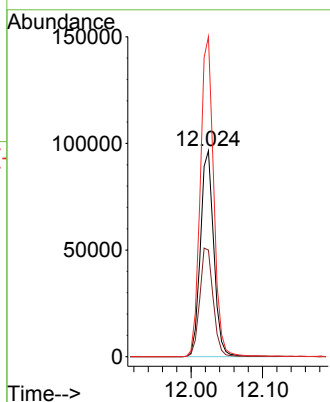
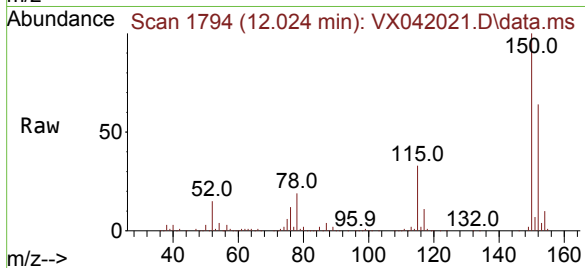
Tgt Ion:152 Resp: 125544

Ion Ratio Lower Upper

152 100

115 53.4 43.3 129.9

150 156.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.961 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042021.D

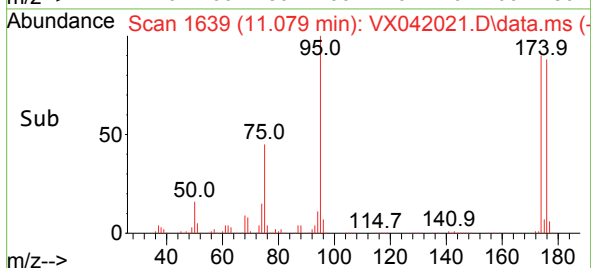
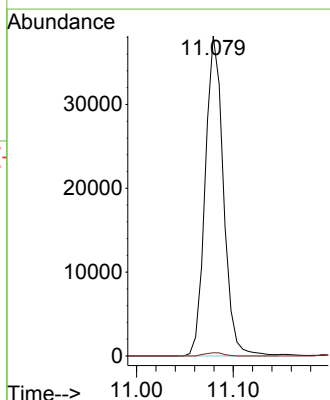
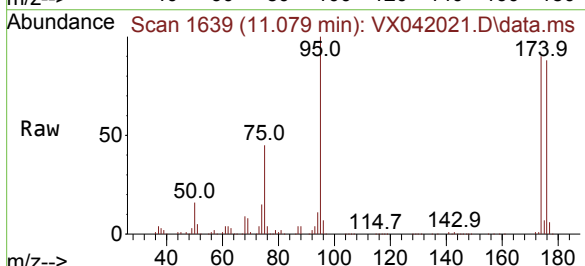
Acq: 25 Jun 2024 10:50

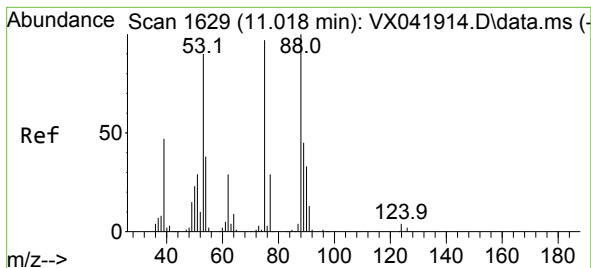
Tgt Ion: 75 Resp: 50052

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

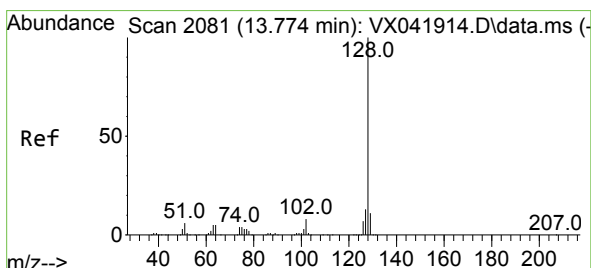
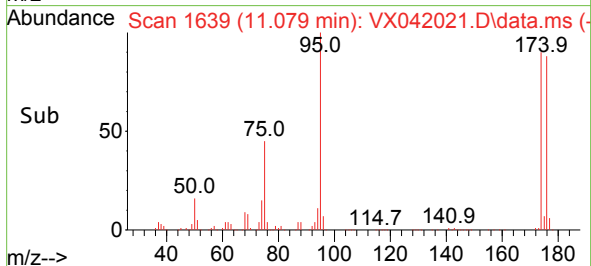
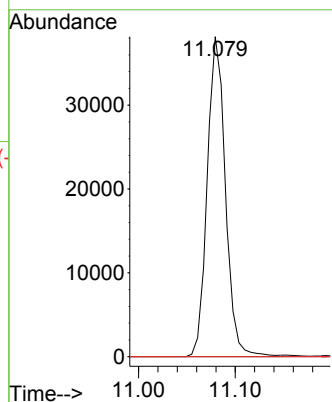
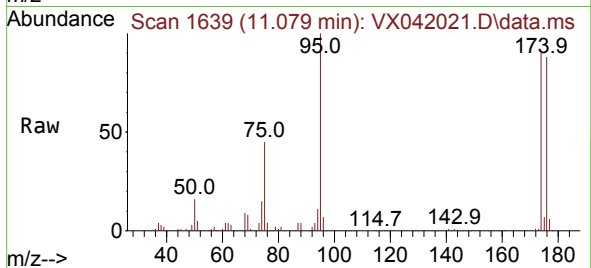




#81
trans-1,4-Dichloro-2-butene
Concen: 62.367 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBL01

Tgt Ion: 75 Resp: 50052
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.881 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042021.D
Acq: 25 Jun 2024 10:50

Tgt Ion: 128 Resp: 1215
Ion Ratio Lower Upper
128 100
127 7.1 10.3 15.5#
129 7.9 8.8 13.2#

