

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061224\
 Data File : VX041832.D
 Acq On : 12 Jun 2024 11:17
 Operator : JC/MD
 Sample : VX0612WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 03:39:25 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)

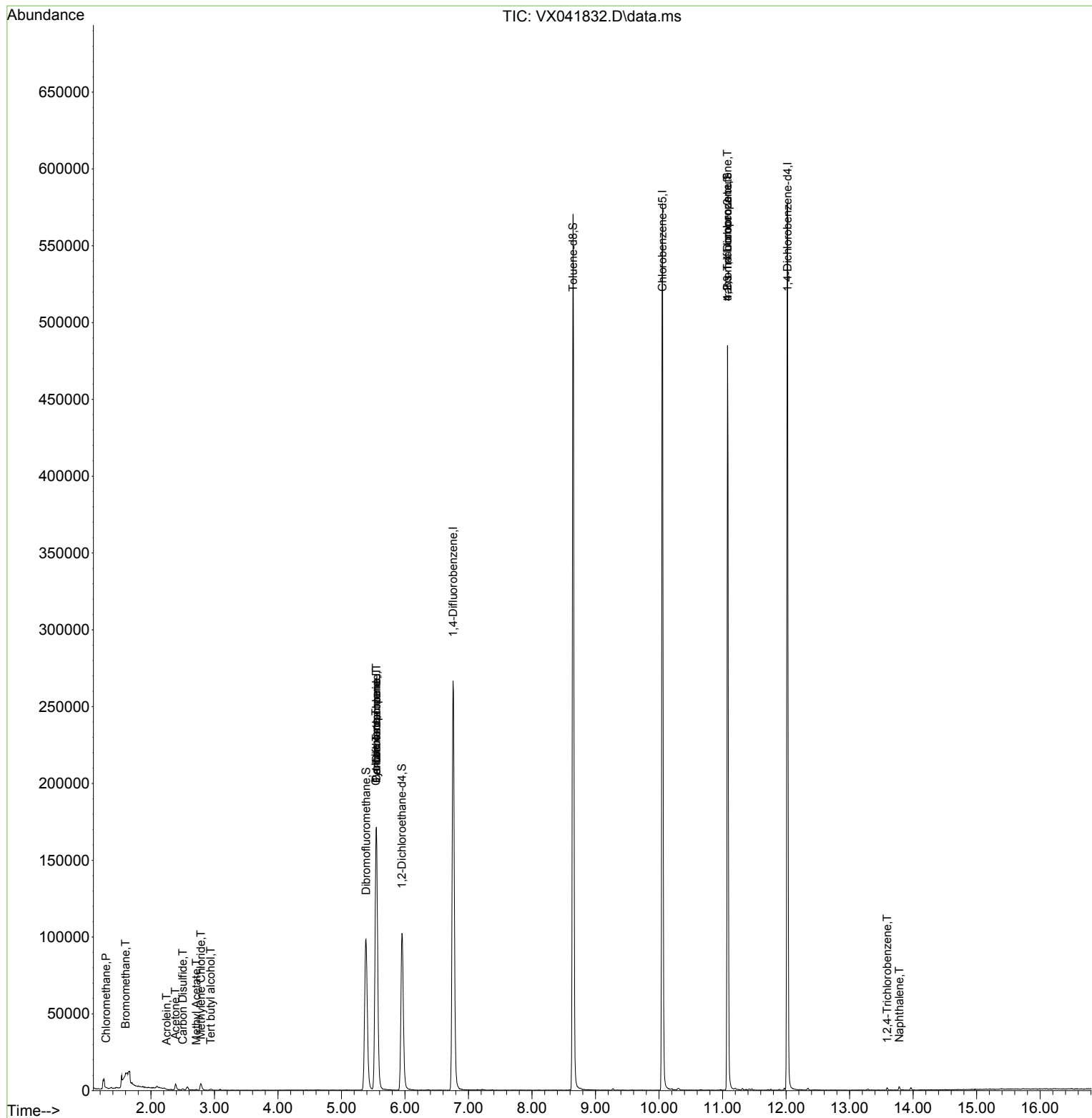
Internal Standards						
1) Pentafluorobenzene	5.550	168	187570	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	294225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99183	43.114	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.220%
35) Dibromofluoromethane	5.385	113	88836	43.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.340%
50) Toluene-d8	8.647	98	343119	48.273	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.079	95	127867	48.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.480%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	496	0.276	ug/l	94
5) Bromomethane	1.599	94	742	0.576	ug/l	# 69
11) Tert butyl alcohol	2.940	59	465	1.143	ug/l	# 78
13) Acrolein	2.245	56	98	0.259	ug/l	# 45
16) Acetone	2.386	43	4212	1.481	ug/l	97
17) Carbon Disulfide	2.501	76	885	0.239	ug/l	# 89
18) Methyl Acetate	2.715	43	460	0.209	ug/l	# 53
20) Methylene Chloride	2.788	84	2416	1.174	ug/l	# 83
31) Cyclohexane	5.544	56	2824	1.040	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	11636	4.724	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	15530	5.549	ug/l	# 14
76) 1,2,3-Trichloropropane	11.079	75	59706	24.549	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	59706	66.909	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	636	0.208	ug/l	# 84
95) Naphthalene	13.786	128	2251	0.249	ug/l	# 92

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

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Sample : VX0612WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

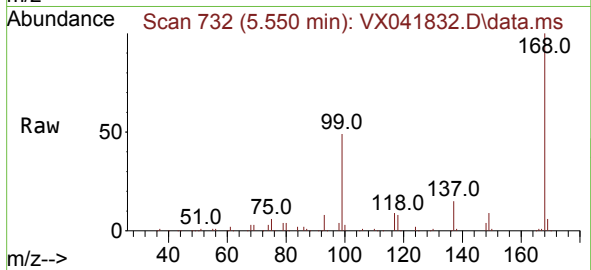
Quant Time: Jun 13 03:39:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



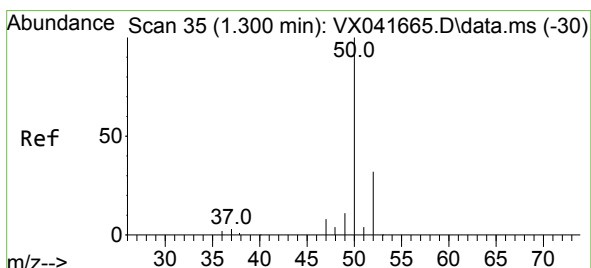
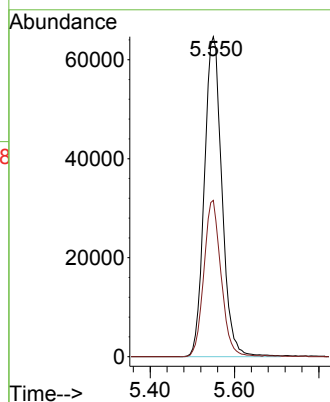
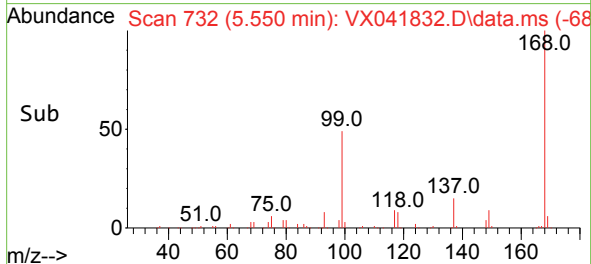


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :

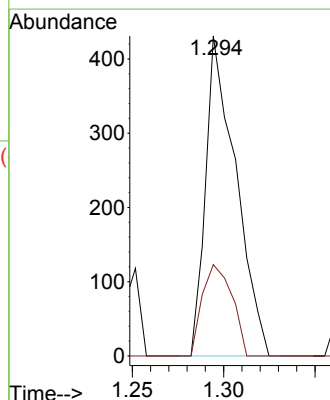
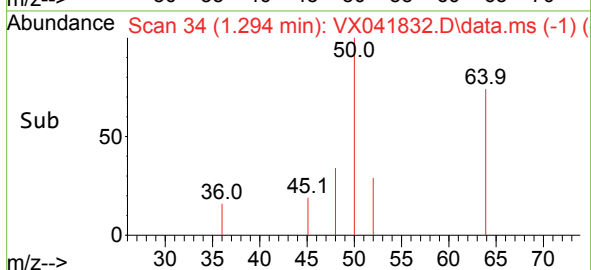
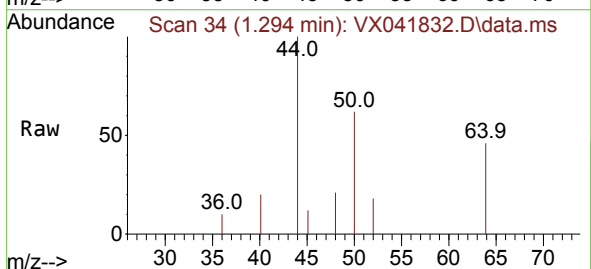


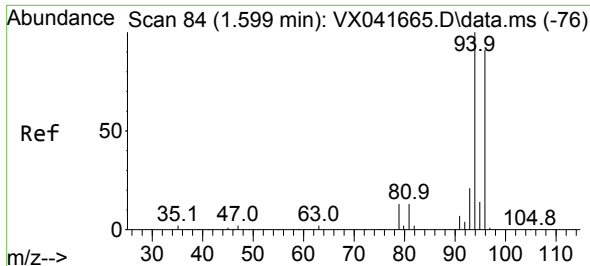
Tgt Ion:168 Resp: 187570
Ion Ratio Lower Upper
168 100
99 48.8 56.6 85.0#



#3
Chloromethane
Concen: 0.276 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

Tgt Ion: 50 Resp: 496
Ion Ratio Lower Upper
50 100
52 28.5 25.5 38.3

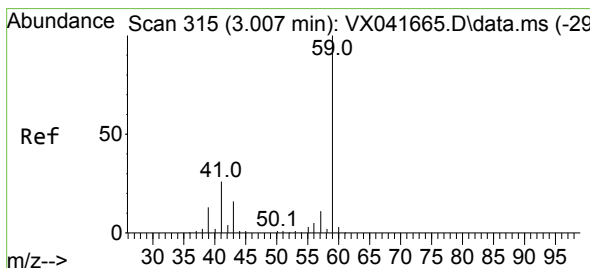
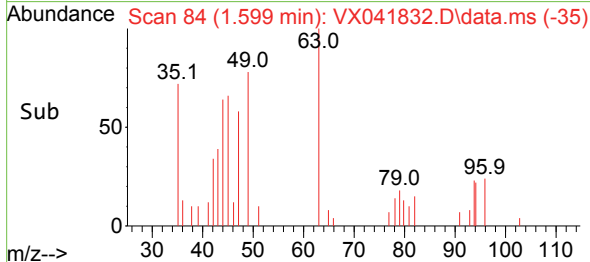
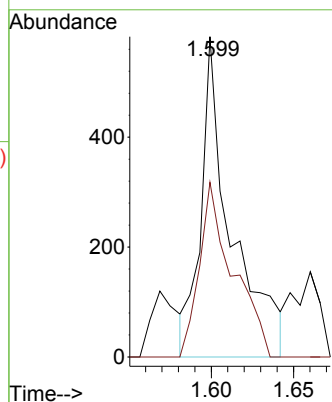
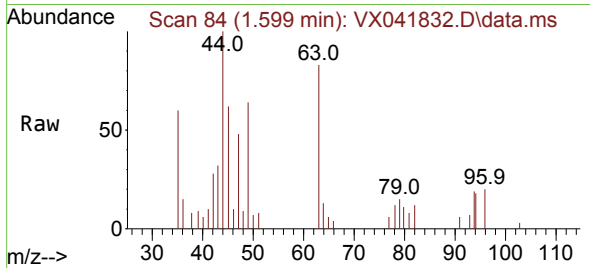




#5
Bromomethane
Concen: 0.576 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

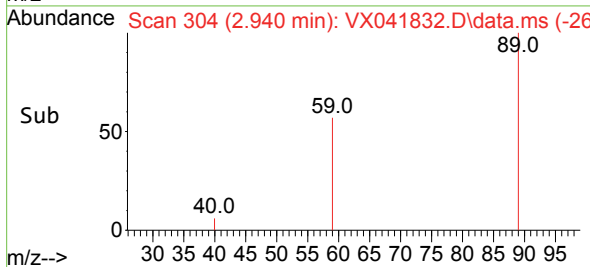
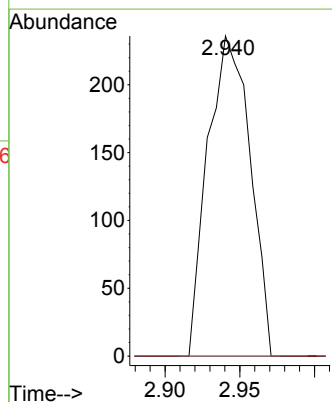
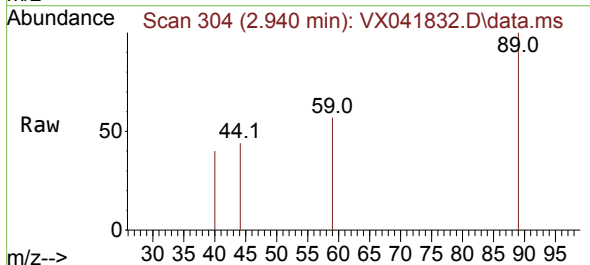
Instrument :
MSVOA_X
ClientSampleId :

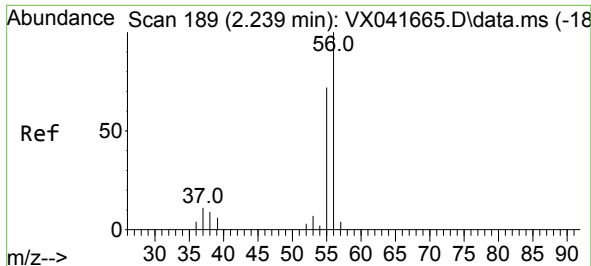
Tgt Ion: 94 Resp: 742
Ion Ratio Lower Upper
94 100
96 63.0 74.6 111.8#



#11
Tert butyl alcohol
Concen: 1.143 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

Tgt Ion: 59 Resp: 465
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

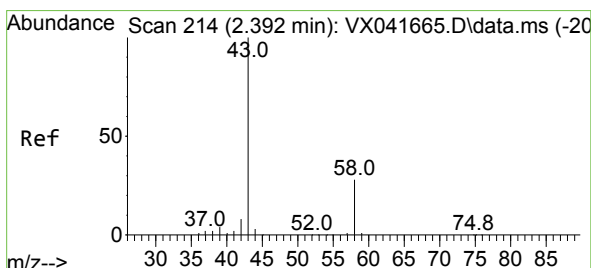
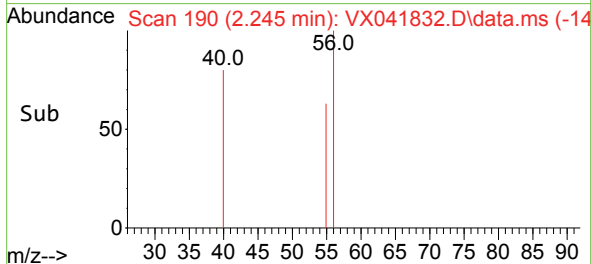
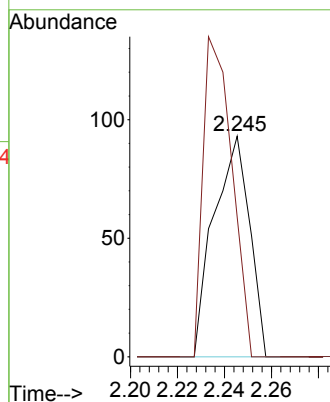
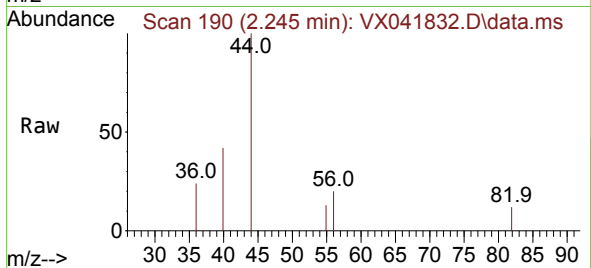




#13
Acrolein
Concen: 0.259 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

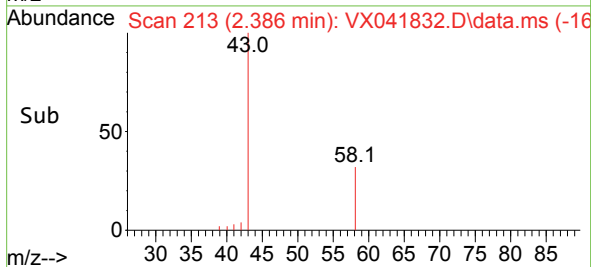
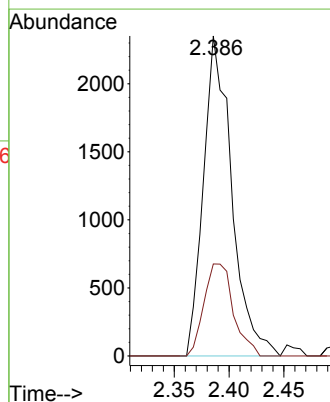
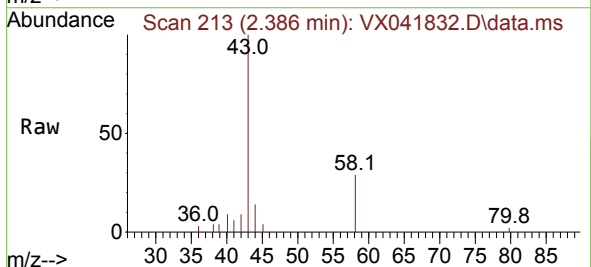
Instrument :
MSVOA_X
ClientSampleId :

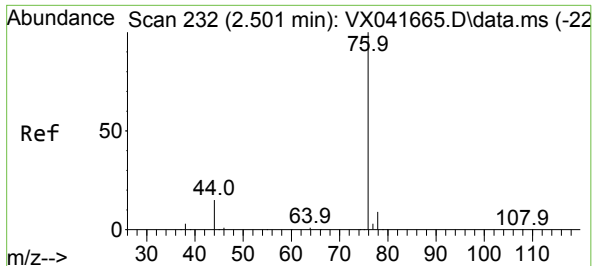
Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 117.3 57.1 85.7#



#16
Acetone
Concen: 1.481 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

Tgt Ion: 43 Resp: 4212
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9





#17

Carbon Disulfide

Concen: 0.239 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041832.D

Acq: 12 Jun 2024 11:17

Instrument :

MSVOA_X

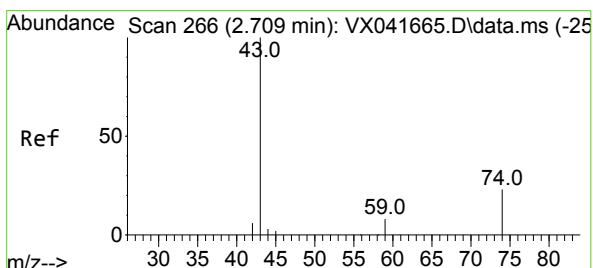
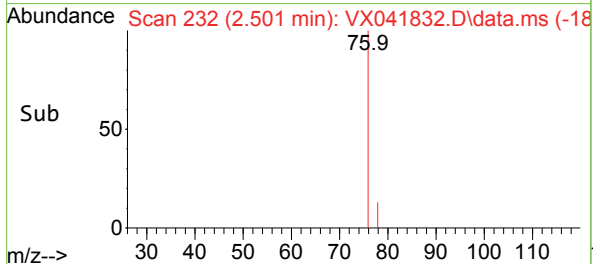
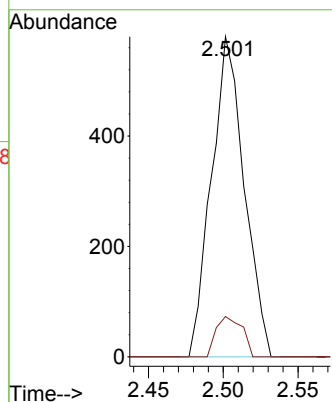
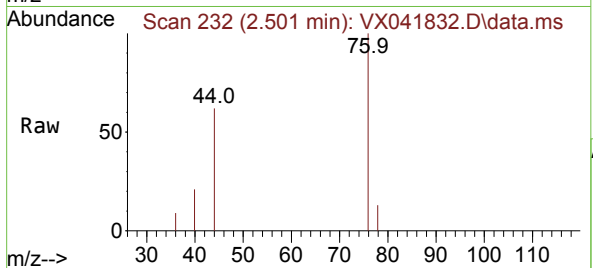
ClientSampleId :

Tgt Ion: 76 Resp: 885

Ion Ratio Lower Upper

76 100

78 12.6 7.0 10.6#



#18

Methyl Acetate

Concen: 0.209 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX041832.D

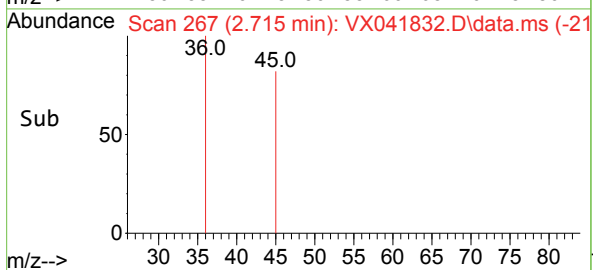
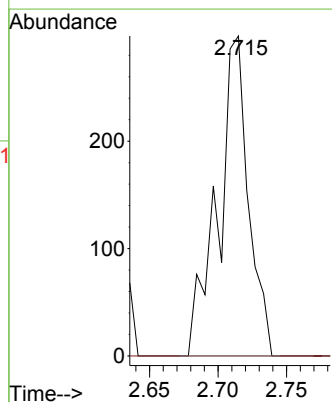
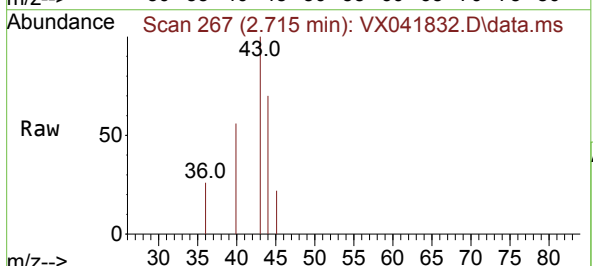
Acq: 12 Jun 2024 11:17

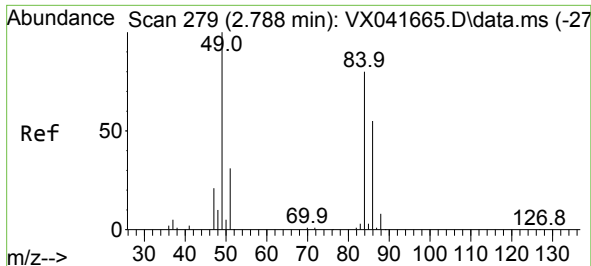
Tgt Ion: 43 Resp: 460

Ion Ratio Lower Upper

43 100

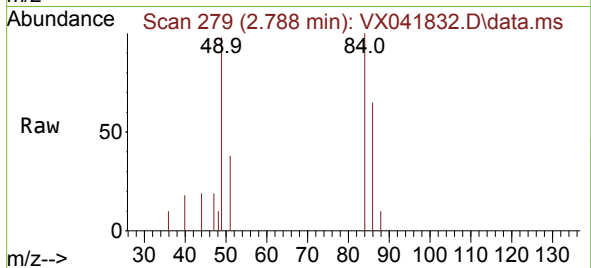
74 0.0 17.8 26.8#



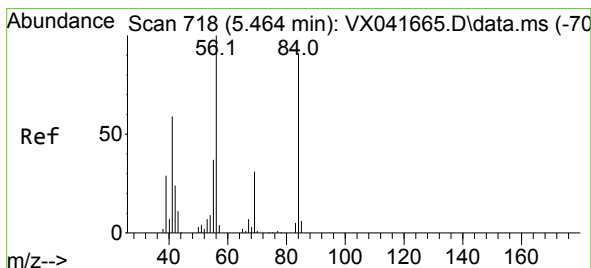
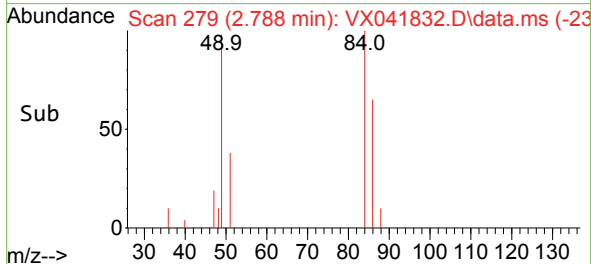
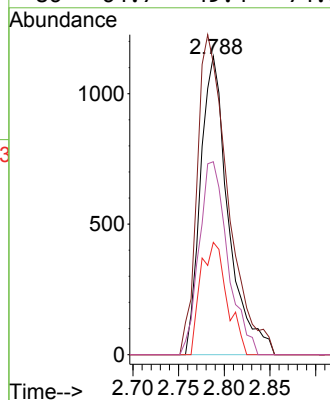


#20
Methylene Chloride
Concen: 1.174 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :

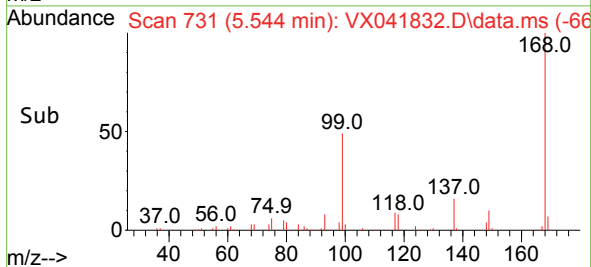
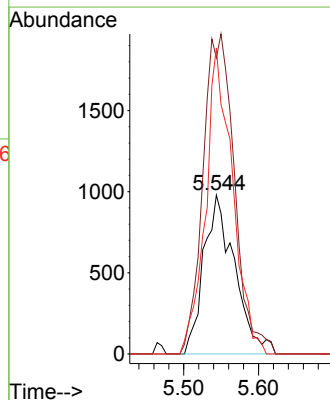
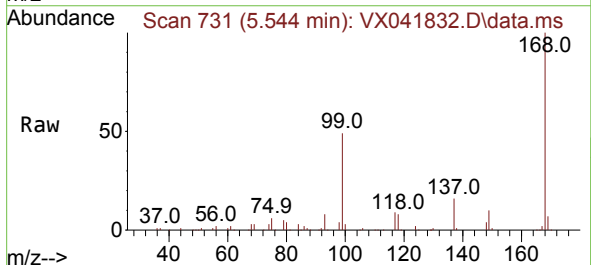


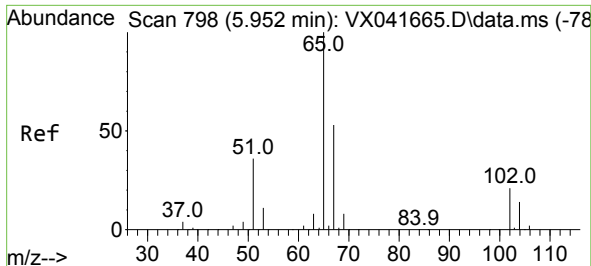
Tgt Ion	84	Resp:	2416
Ion	Ratio	Lower	Upper
84	100		
49	97.7	103.6	155.4#
51	37.6	33.8	50.6
86	64.7	49.4	74.0



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

Tgt Ion	56	Resp:	2824
Ion	Ratio	Lower	Upper
56	100		
69	186.3	23.4	35.2#
84	192.6	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.114 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041832.D

Acq: 12 Jun 2024 11:17

Instrument :

MSVOA_X

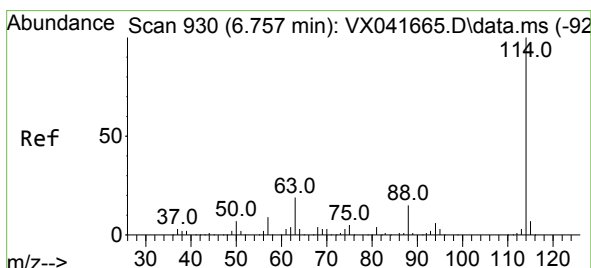
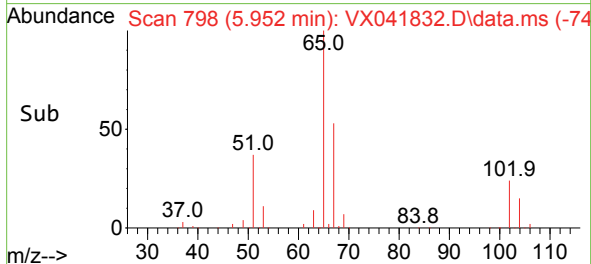
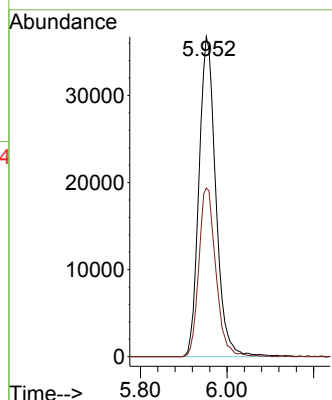
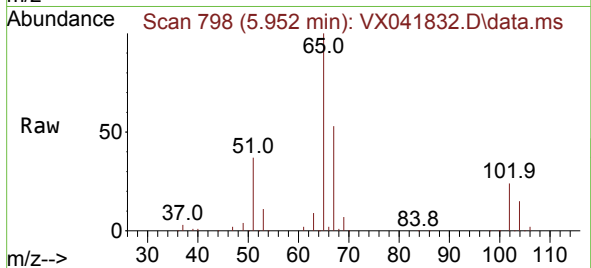
ClientSampleId :

Tgt Ion: 65 Resp: 99183

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041832.D

Acq: 12 Jun 2024 11:17

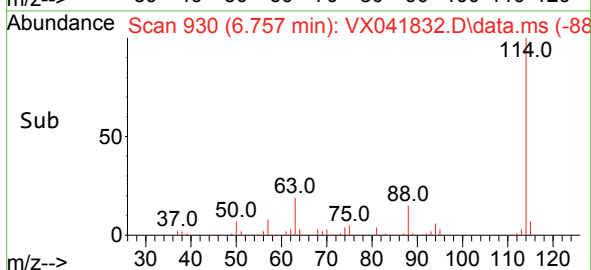
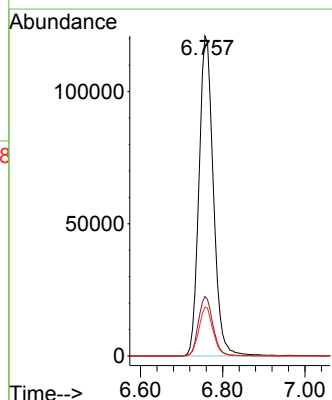
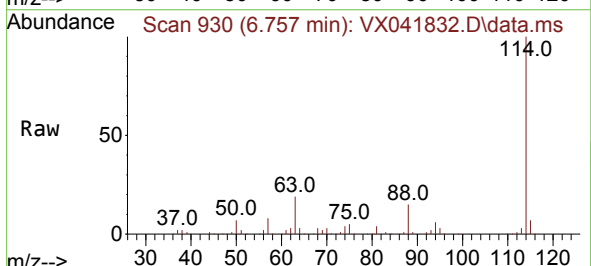
Tgt Ion: 114 Resp: 294225

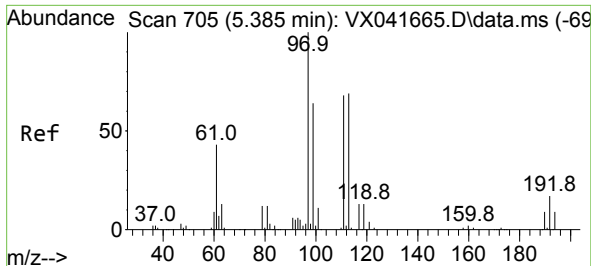
Ion Ratio Lower Upper

114 100

63 18.6 0.0 45.0

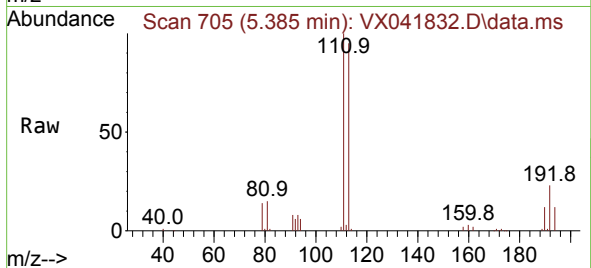
88 15.2 0.0 36.6



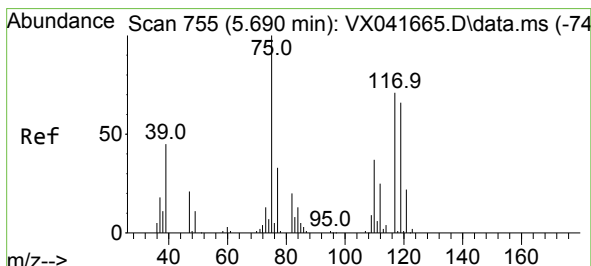
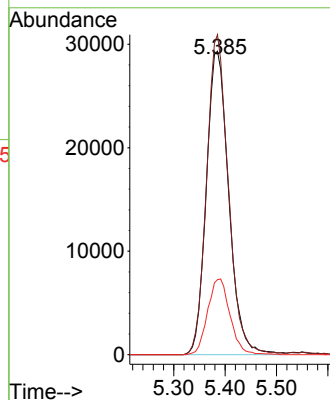
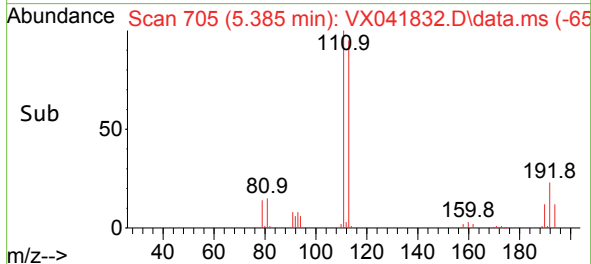


#35
Dibromofluoromethane
Concen: 43.670 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :

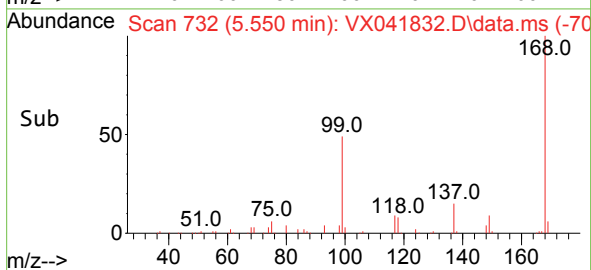
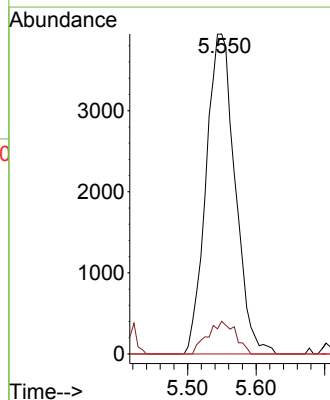
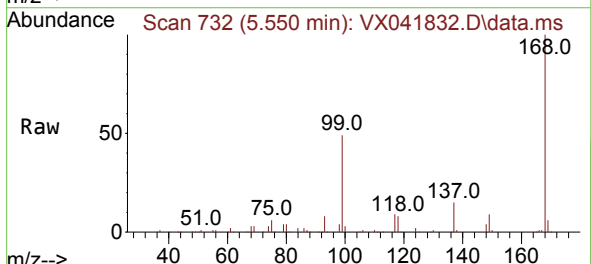


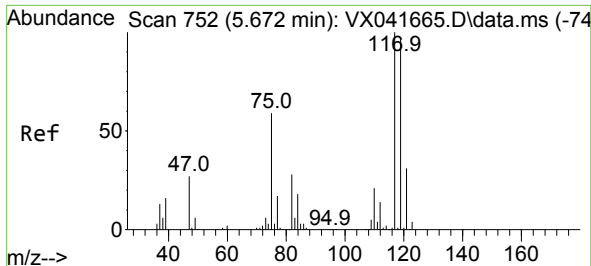
Tgt Ion:113 Resp: 88836
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 24.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.724 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

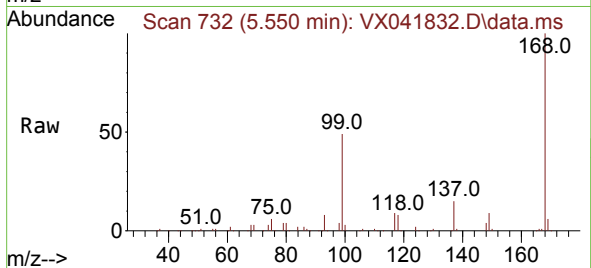
Tgt Ion: 75 Resp: 11636
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



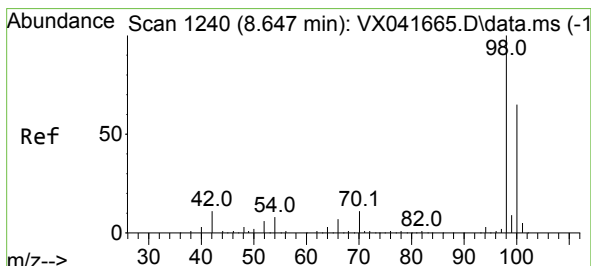
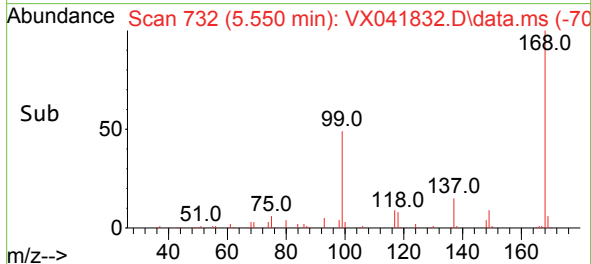
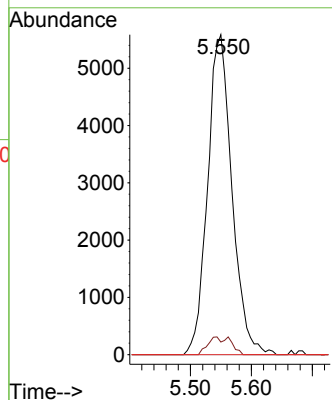


#38
Carbon Tetrachloride
Concen: 5.549 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :

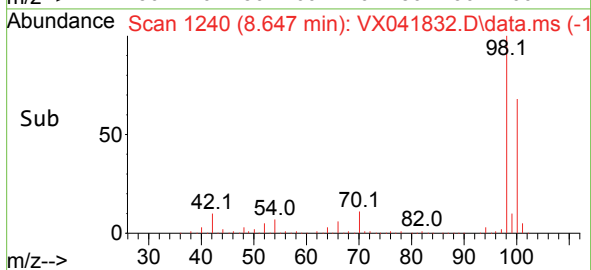
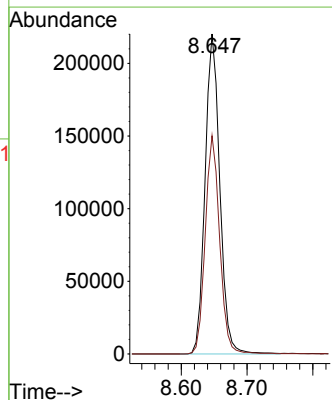
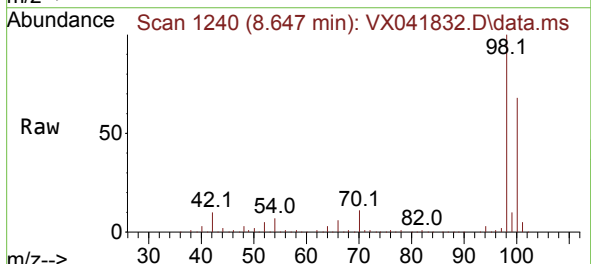


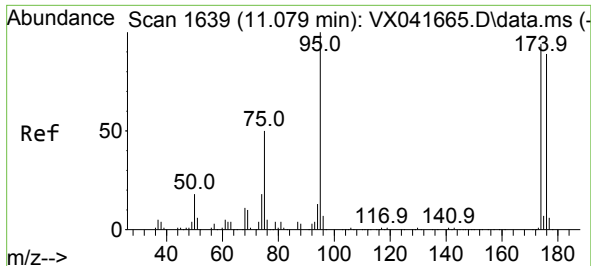
Tgt Ion:117 Resp: 15530
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.273 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

Tgt Ion: 98 Resp: 343119
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.741 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041832.D

Acq: 12 Jun 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

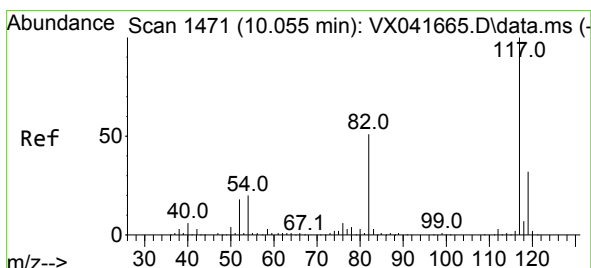
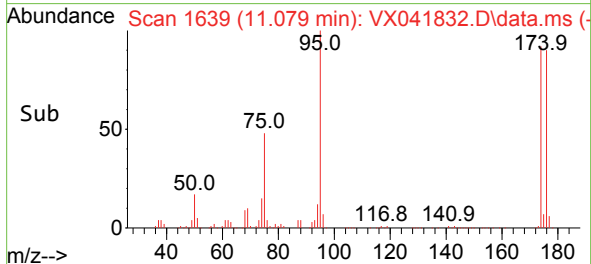
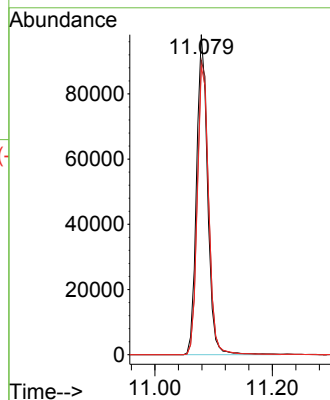
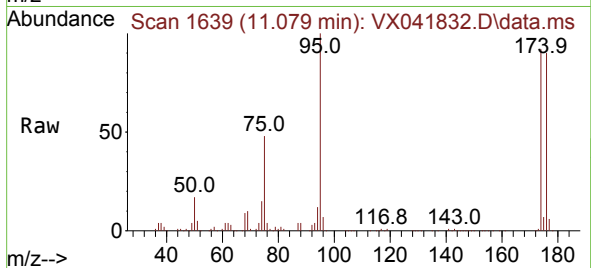
Tgt Ion: 95 Resp: 127867

Ion Ratio Lower Upper

95 100

174 95.4 0.0 135.6

176 93.1 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: VX041832.D

Acq: 12 Jun 2024 11:17

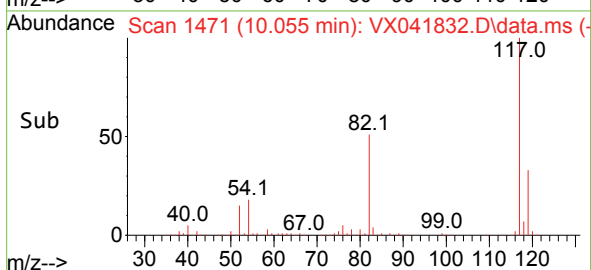
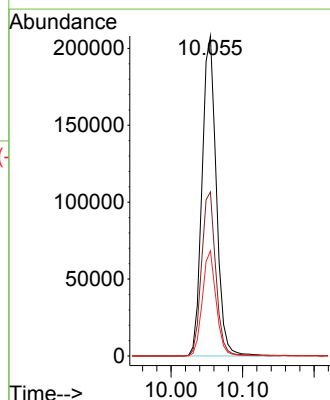
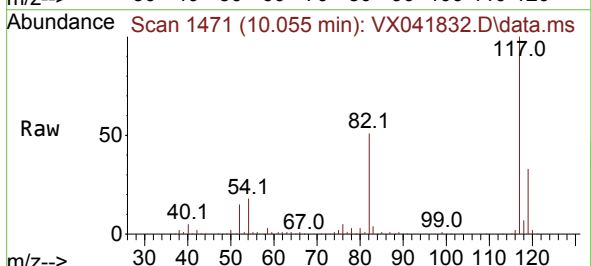
Tgt Ion: 117 Resp: 288225

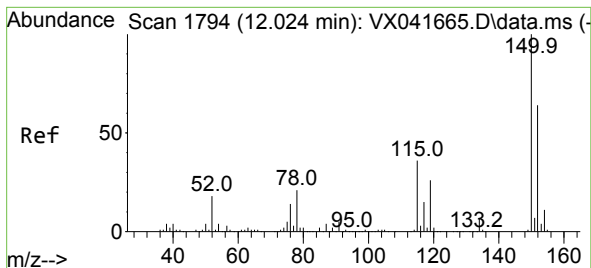
Ion Ratio Lower Upper

117 100

82 51.2 46.2 69.4

119 32.8 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: VX041832.D

Acq: 12 Jun 2024 11:17

Instrument :

MSVOA_X

ClientSampleId :

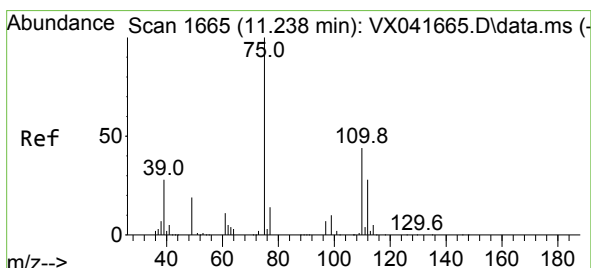
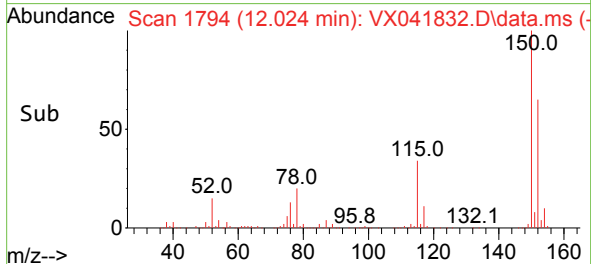
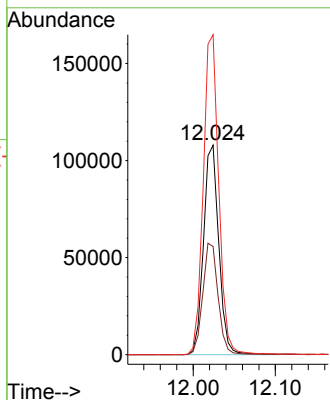
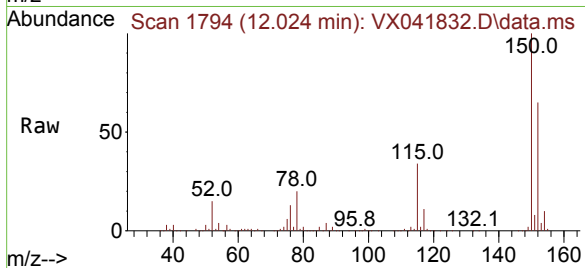
Tgt Ion:152 Resp: 139392

Ion Ratio Lower Upper

152 100

115 53.6 43.3 129.9

150 154.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.549 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041832.D

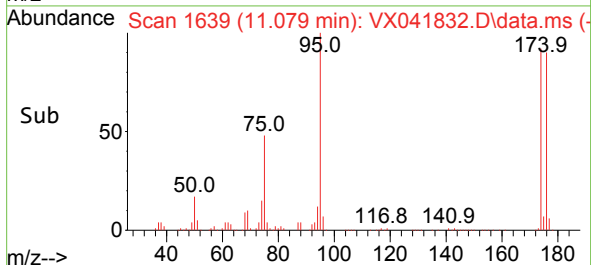
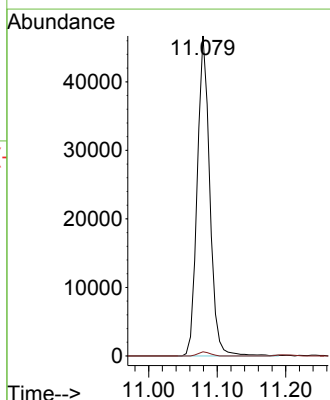
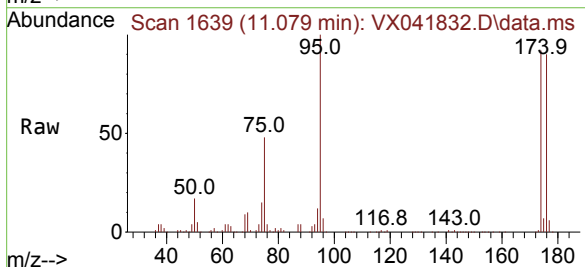
Acq: 12 Jun 2024 11:17

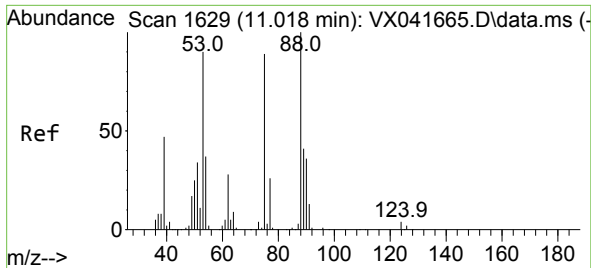
Tgt Ion: 75 Resp: 59706

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

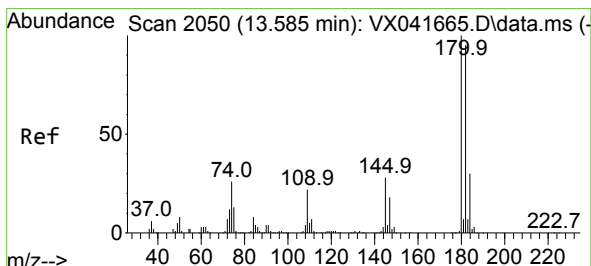
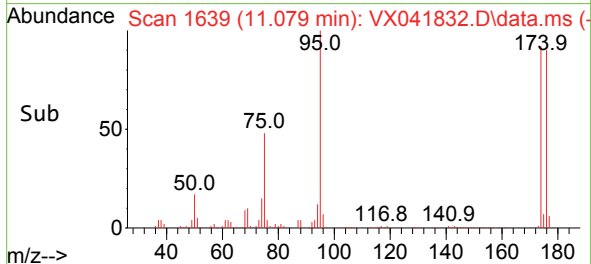
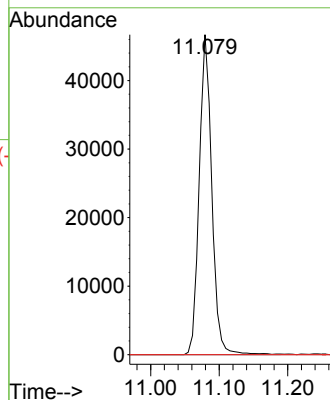
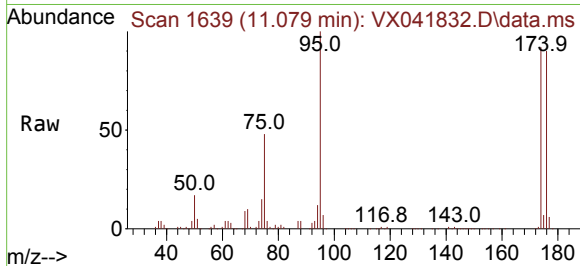




#81
trans-1,4-Dichloro-2-butene
Concen: 66.909 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

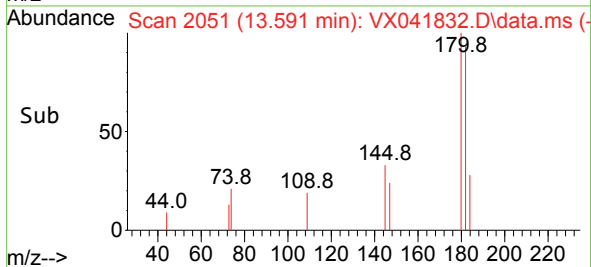
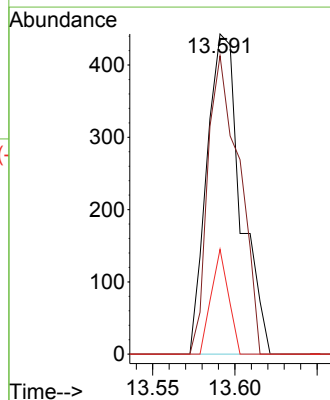
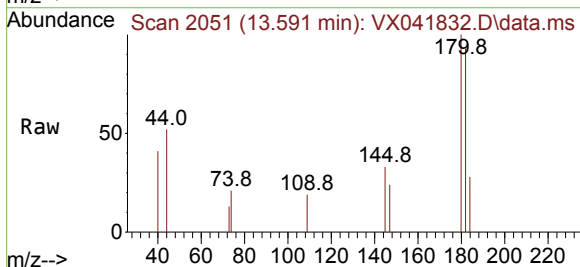
Instrument :
MSVOA_X
ClientSampleId :

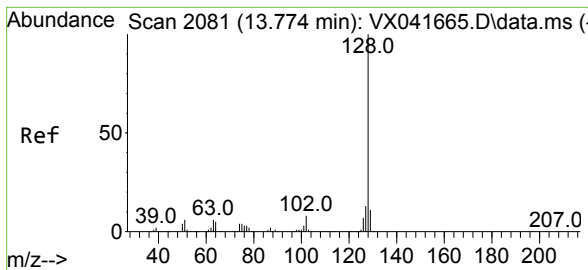
Tgt Ion: 75 Resp: 59706
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.208 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

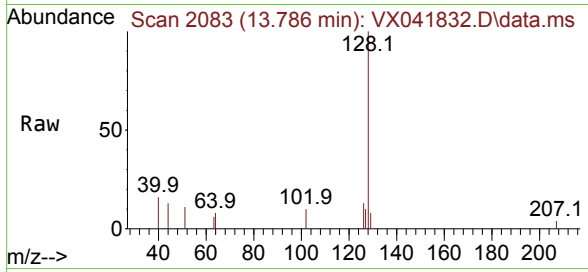
Tgt Ion:180 Resp: 636
Ion Ratio Lower Upper
180 100
182 86.5 48.3 144.8
145 16.7 18.0 54.0#





#95
Naphthalene
Concen: 0.249 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX041832.D
Acq: 12 Jun 2024 11:17

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	2251
Ion	Ratio	Lower	Upper
128	100		
127	10.0	10.3	15.5#
129	7.8	8.8	13.2#

