

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070324\
 Data File : VX042168.D
 Acq On : 03 Jul 2024 16:45
 Operator : JC/MD
 Sample : P3152-09 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 04 07:28:43 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)

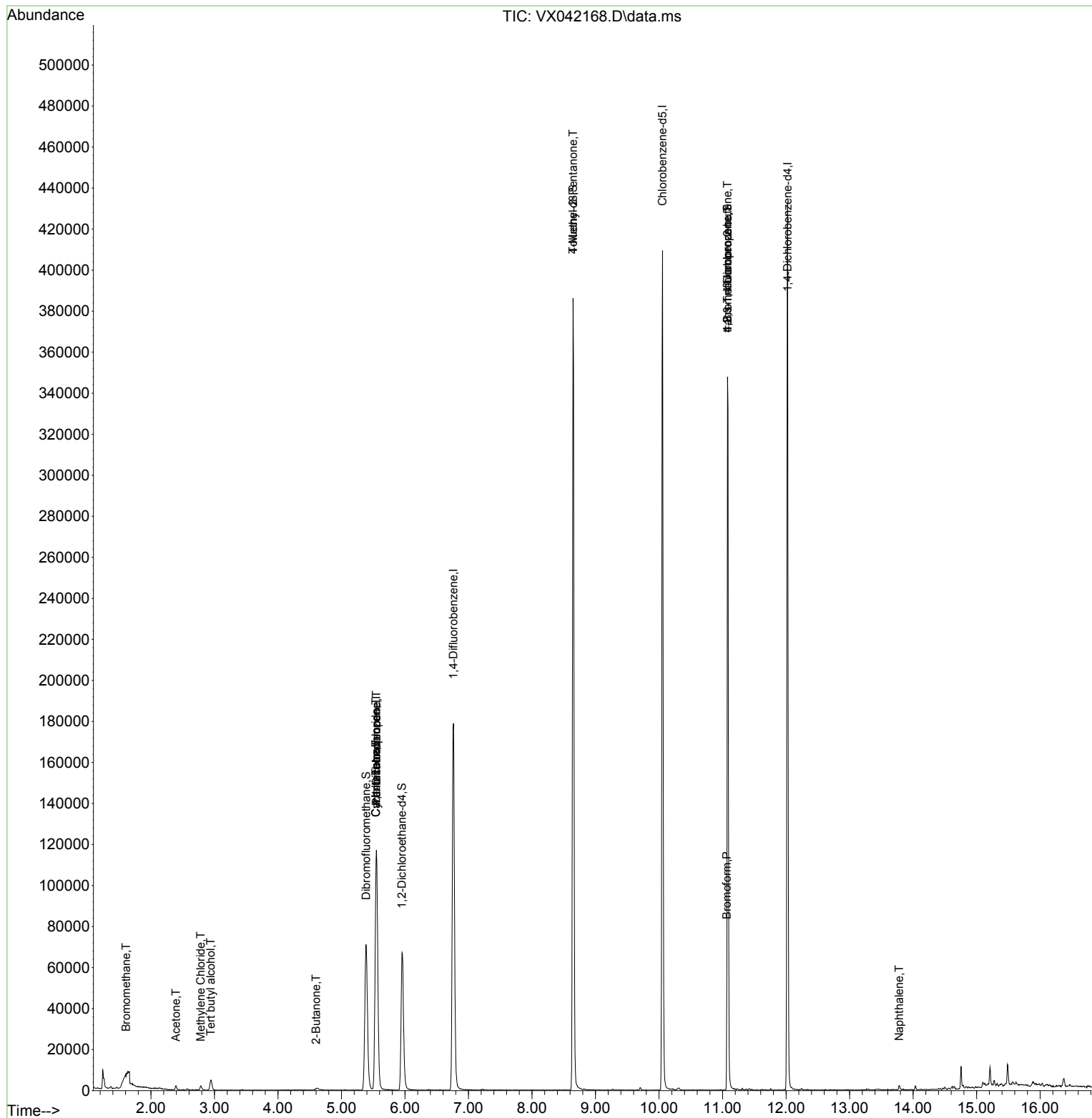
Internal Standards						
1) Pentafluorobenzene	5.550	168	133059	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	206312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65372	42.606	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.220%		
35) Dibromofluoromethane	5.385	113	63402	43.311	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.620%		
50) Toluene-d8	8.647	98	239163	46.505	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.000%		
62) 4-Bromofluorobenzene	11.079	95	93126	49.124	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.240%		
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	379	0.602	ug/l	# 69
6) Chloroethane	1.654	64	83	Below Cal		# 43
11) Tert butyl alcohol	2.940	59	3031	10.409	ug/l	# 78
16) Acetone	2.392	43	2196	3.259	ug/l	# 84
20) Methylene Chloride	2.782	84	1173	0.795	ug/l	# 85
25) 2-Butanone	4.599	43	515	0.491	ug/l	# 51
31) Cyclohexane	5.544	56	1712	0.954	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7481	4.812	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	11342	6.604	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	926	0.432	ug/l	# 1
71) Bromoform	11.067	173	33	0.899	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	42250	22.398	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	42250	63.608	ug/l	# 5
95) Naphthalene	13.780	128	2381	1.063	ug/l	# 94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070324\
Data File : VX042168.D
Acq On : 03 Jul 2024 16:45
Operator : JC/MD
Sample : P3152-09 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 04 07:28:43 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: VX042168.D

Acq: 03 Jul 2024 16:45

Instrument :

MSVOA_X

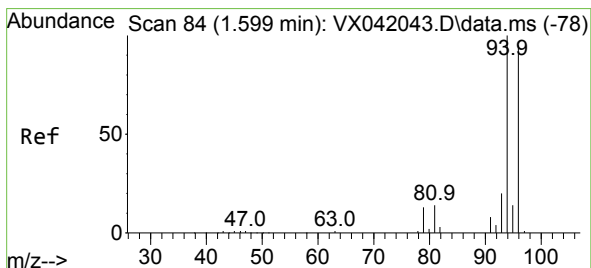
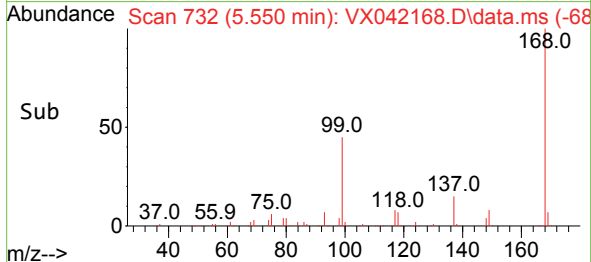
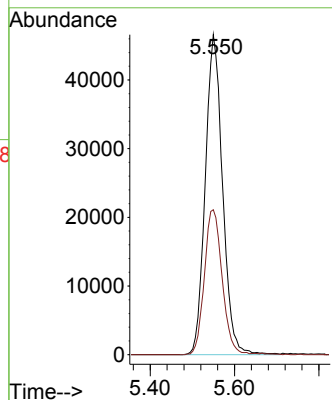
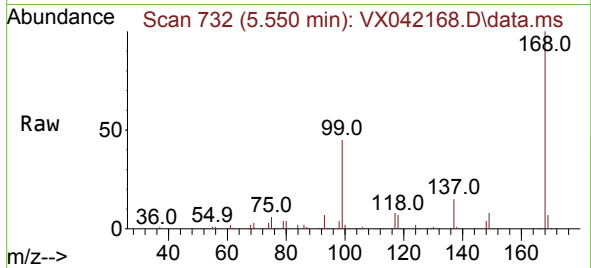
ClientSampleId :

Tgt Ion:168 Resp: 133059

Ion Ratio Lower Upper

168 100

99 45.3 56.6 85.0#



#5

Bromomethane

Concen: 0.602 ug/l

RT: 1.605 min Scan# 85

Delta R.T. 0.006 min

Lab File: VX042168.D

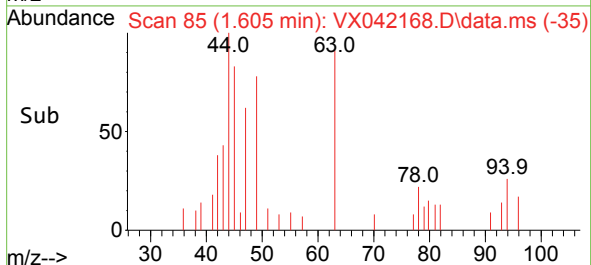
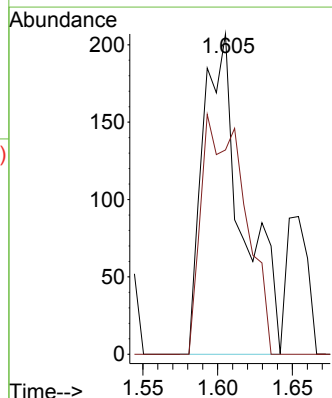
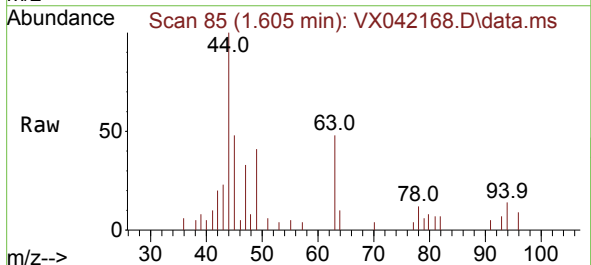
Acq: 03 Jul 2024 16:45

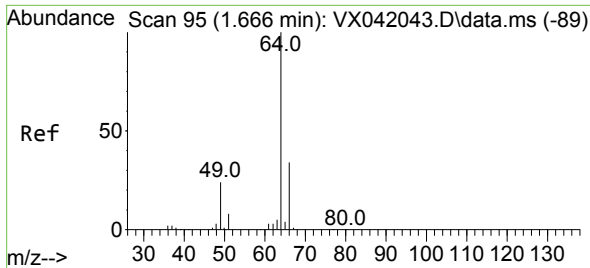
Tgt Ion: 94 Resp: 379

Ion Ratio Lower Upper

94 100

96 63.8 74.6 111.8#

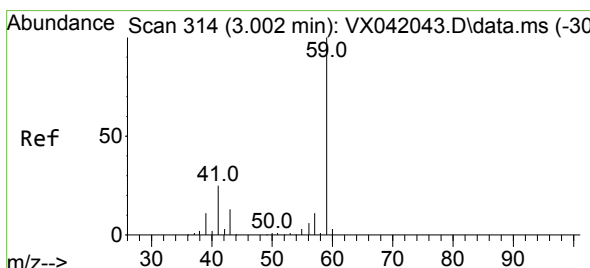
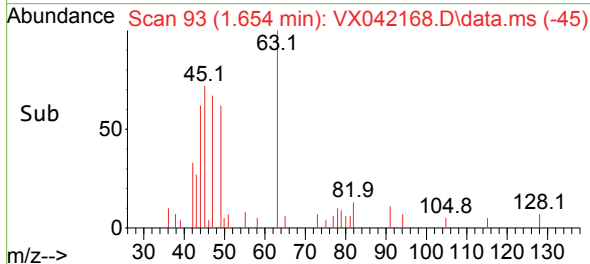
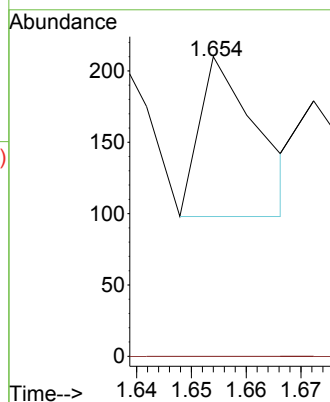
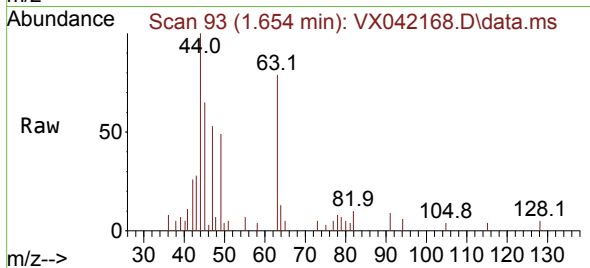




#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

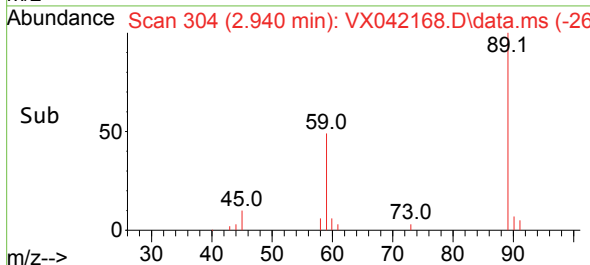
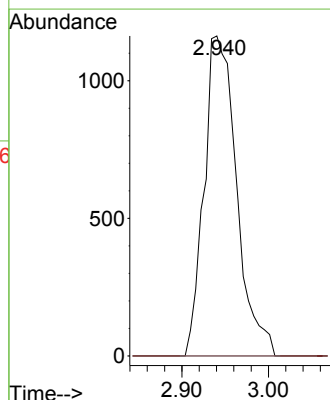
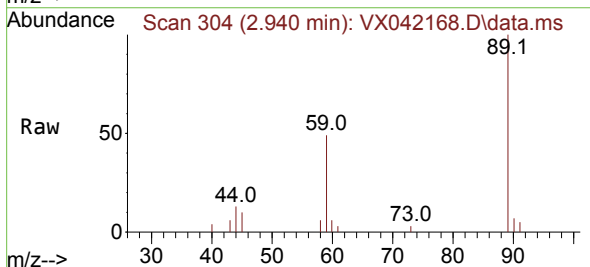
Instrument :
MSVOA_X
ClientSampleId :

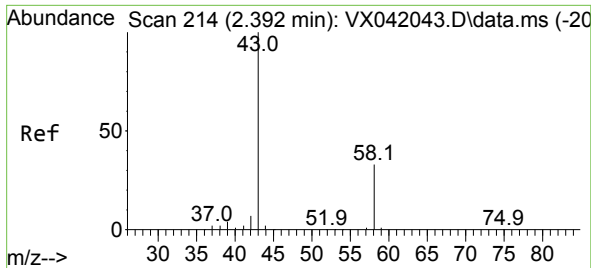
Tgt Ion: 64 Resp: 83
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 10.409 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

Tgt Ion: 59 Resp: 3031
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

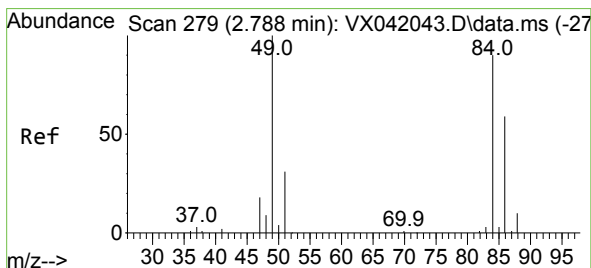
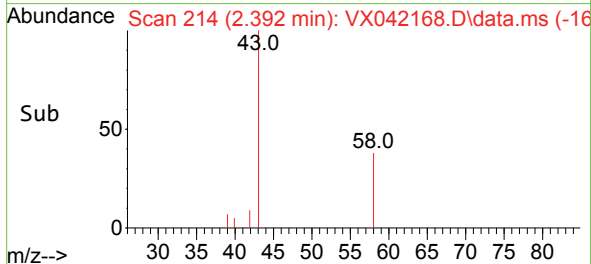
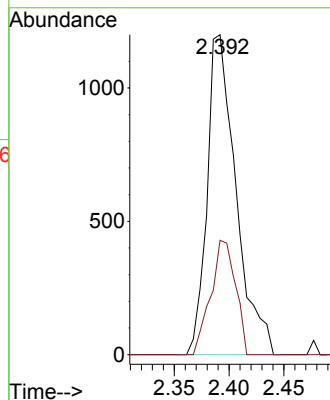
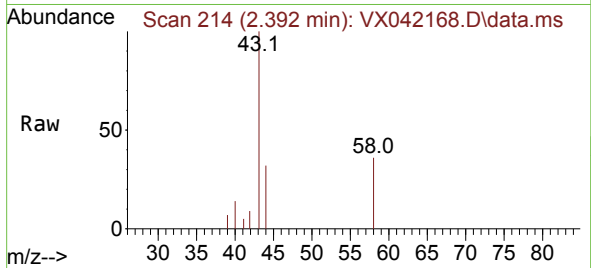




#16
Acetone
Concen: 3.259 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

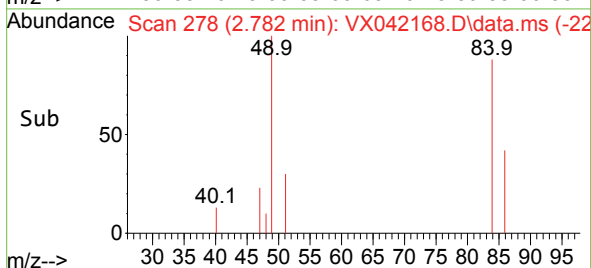
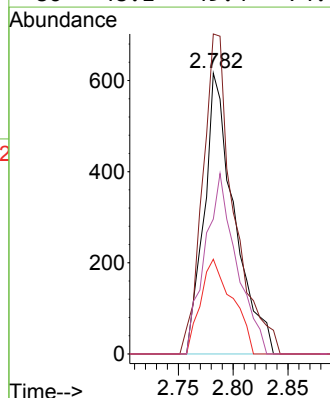
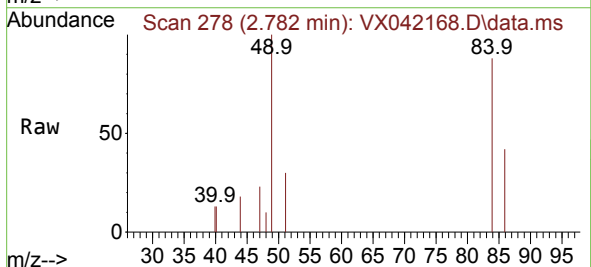
Instrument :
MSVOA_X
ClientSampleId :

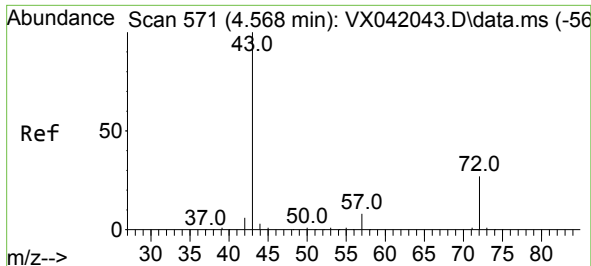
Tgt Ion: 43 Resp: 2196
Ion Ratio Lower Upper
43 100
58 35.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.795 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

Tgt Ion: 84 Resp: 1173
Ion Ratio Lower Upper
84 100
49 114.0 103.6 155.4
51 33.8 33.8 50.6
86 48.1 49.4 74.0#

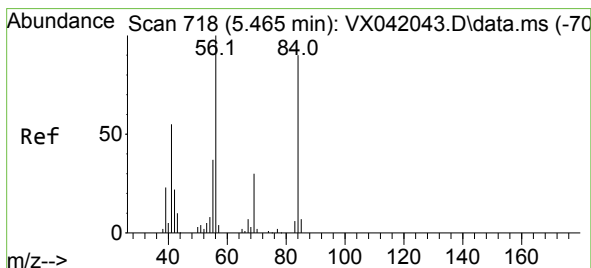
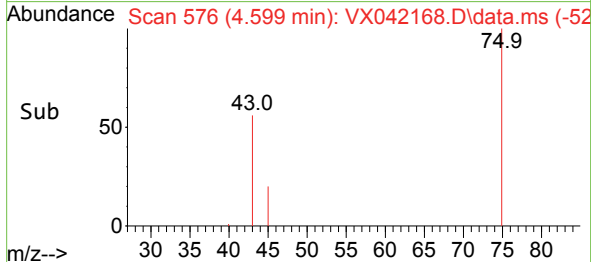
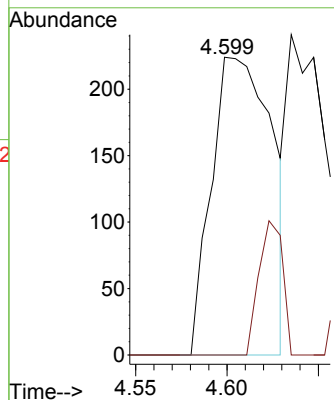
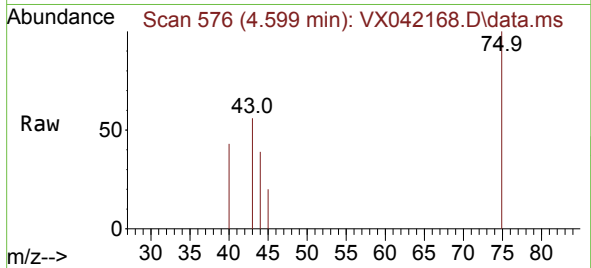




#25
2-Butanone
Concen: 0.491 ug/l
RT: 4.599 min Scan# 515
Delta R.T. 0.024 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

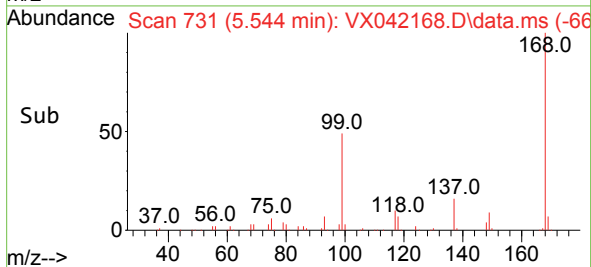
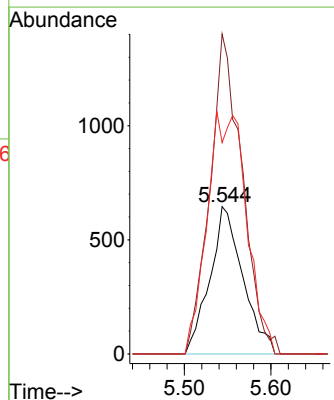
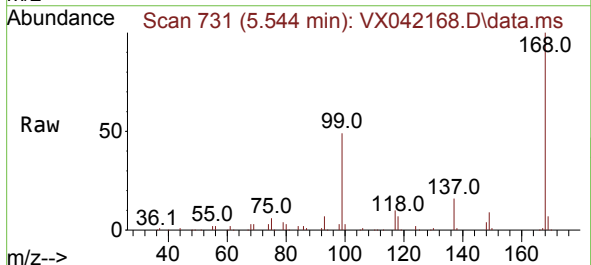
Instrument :
MSVOA_X
ClientSampleId :

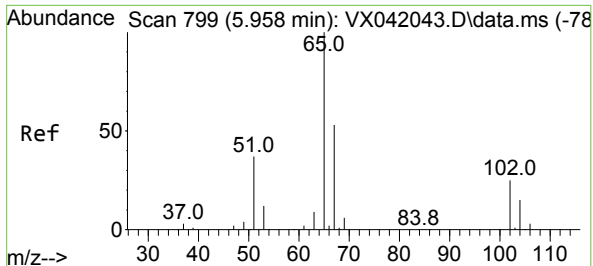
Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 0.954 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

Tgt Ion: 56 Resp: 1712
Ion Ratio Lower Upper
56 100
69 217.0 23.4 35.2#
84 143.3 65.9 98.9#

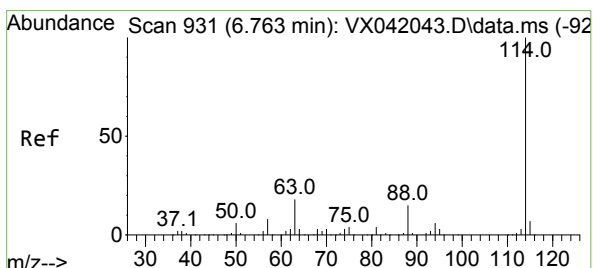
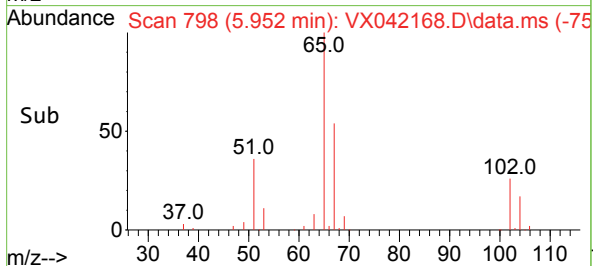
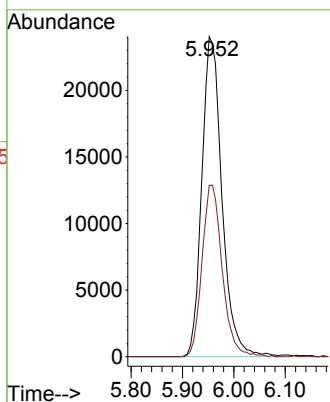
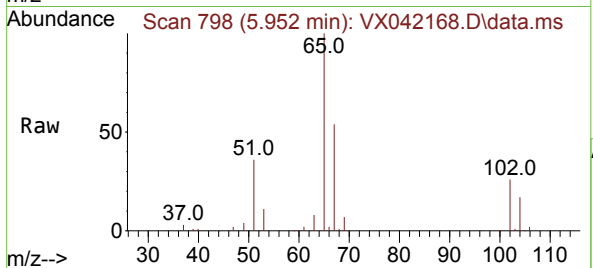




#33
 1,2-Dichloroethane-d4
 Concen: 42.606 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX042168.D
 Acq: 03 Jul 2024 16:45

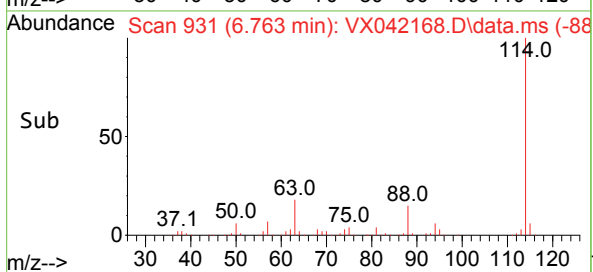
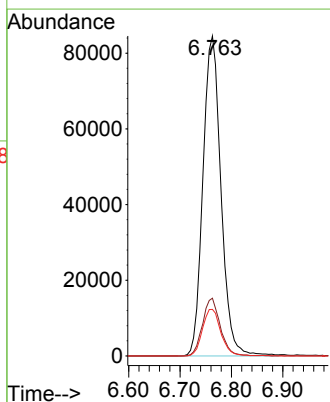
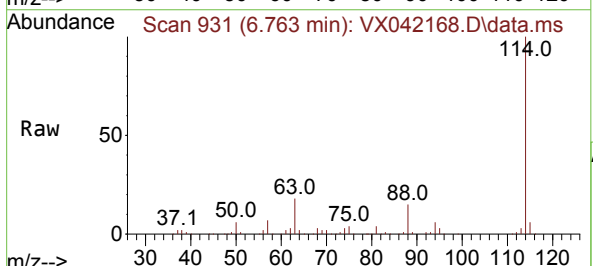
Instrument :
 MSVOA_X
 ClientSampleId :

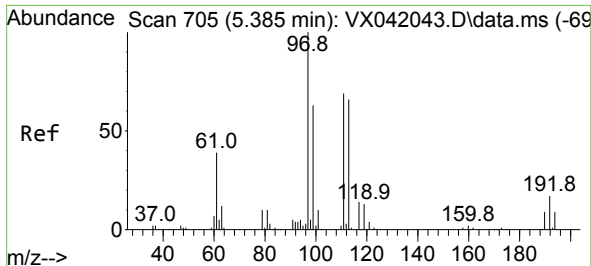
Tgt Ion: 65 Resp: 65372
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX042168.D
 Acq: 03 Jul 2024 16:45

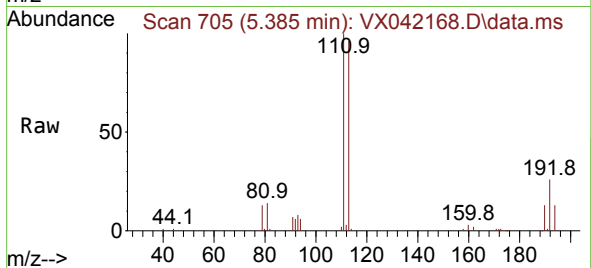
Tgt Ion: 114 Resp: 206312
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 45.0
 88 14.6 0.0 36.6



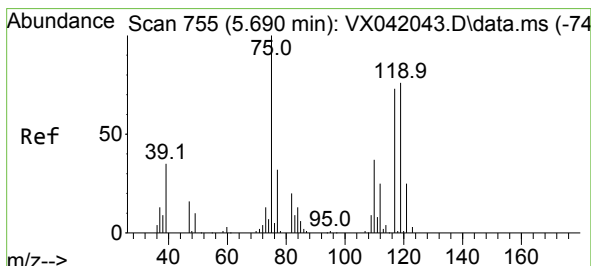
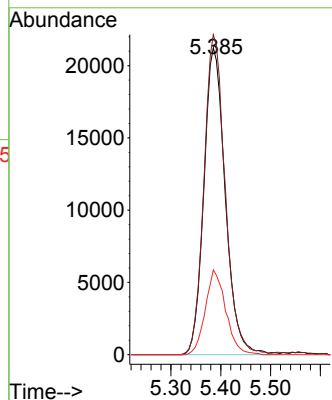
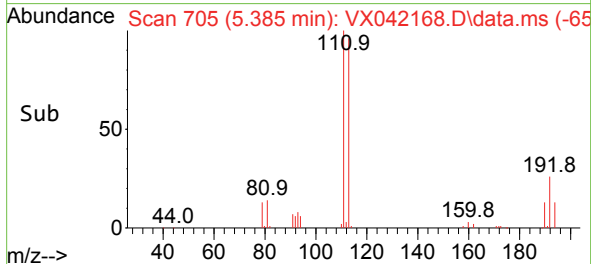


#35
Dibromofluoromethane
Concen: 43.311 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

Instrument :
MSVOA_X
ClientSampleId :

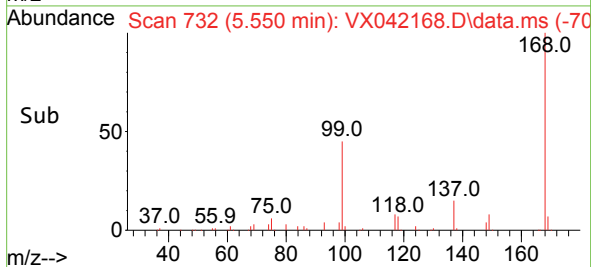
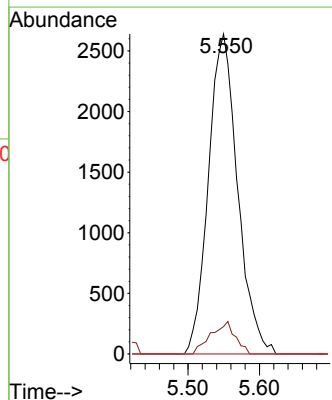
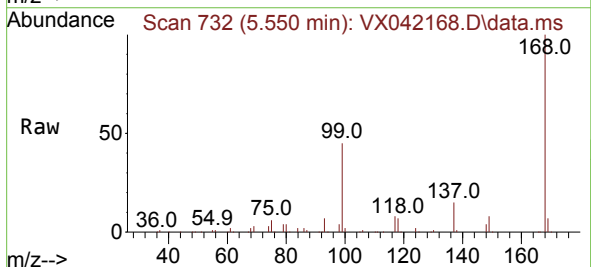


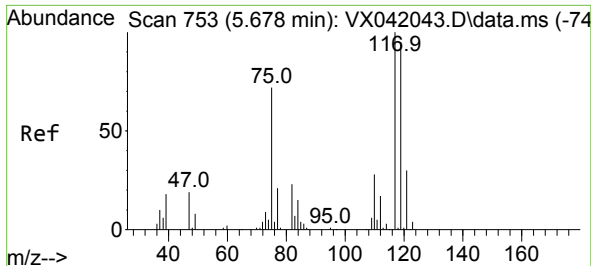
Tgt Ion:113 Resp: 63402
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 26.4 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.812 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

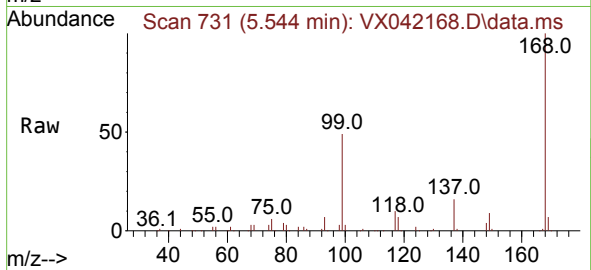
Tgt Ion: 75 Resp: 7481
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



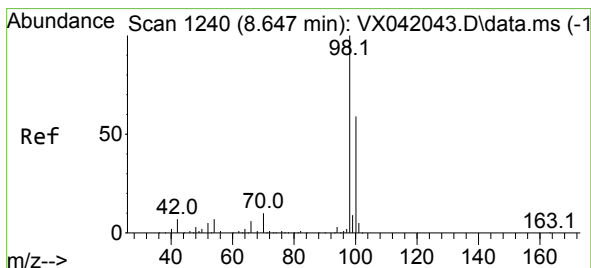
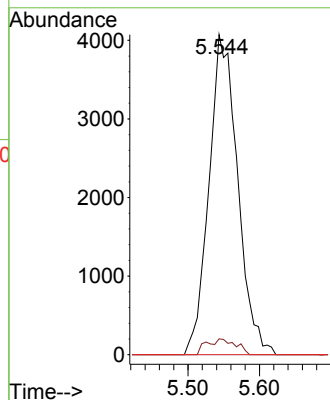
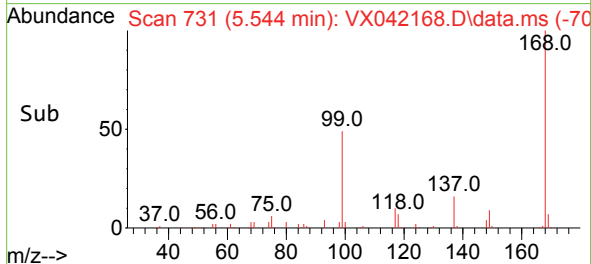


#38
Carbon Tetrachloride
Concen: 6.604 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

Instrument :
MSVOA_X
ClientSampleId :

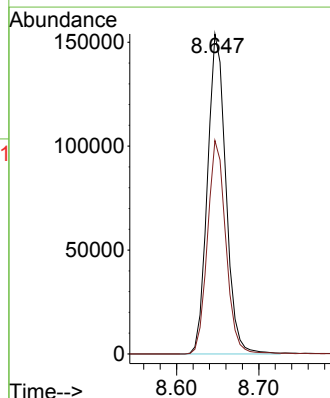
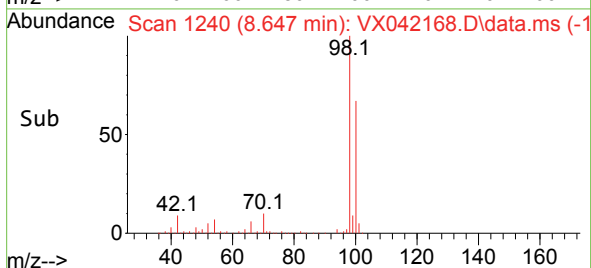
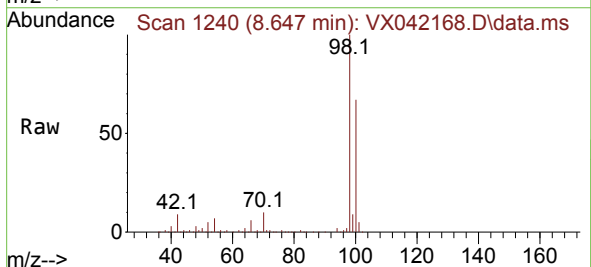


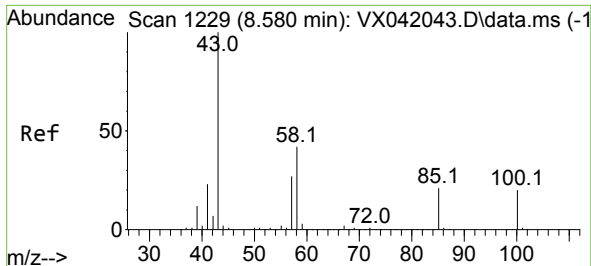
Tgt Ion:117 Resp: 11342
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.505 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

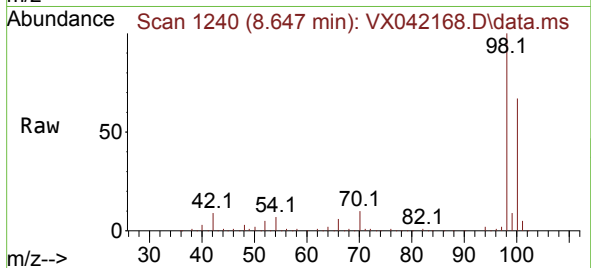
Tgt Ion: 98 Resp: 239163
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



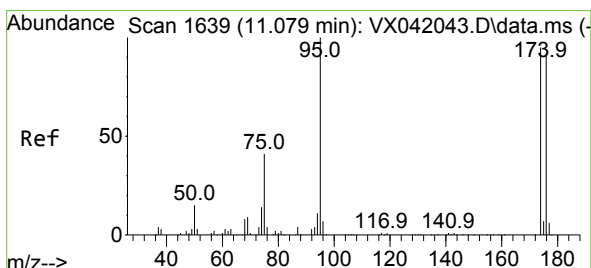
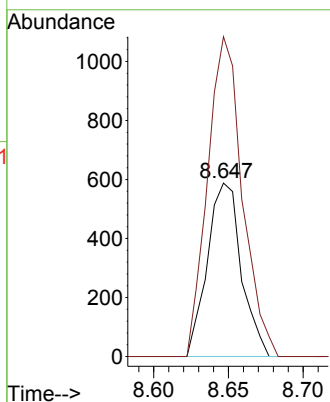
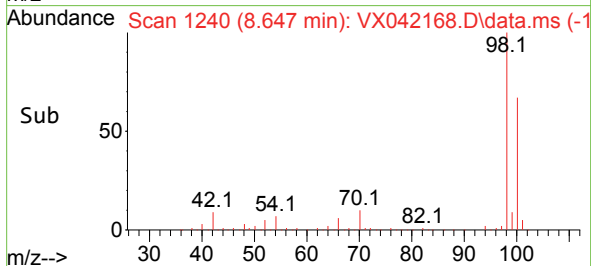


#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

Instrument :
MSVOA_X
ClientSampleId :

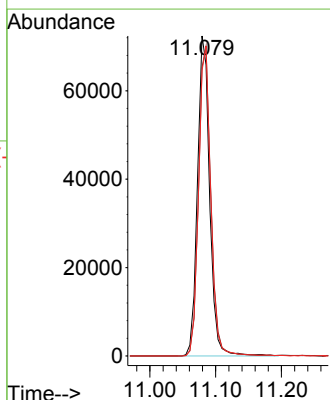
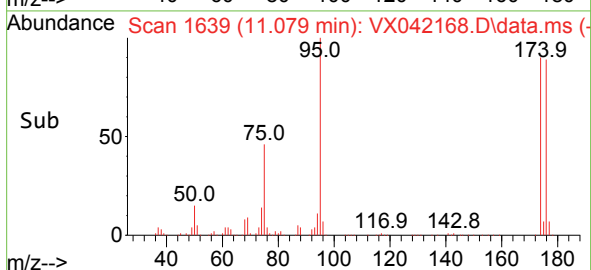
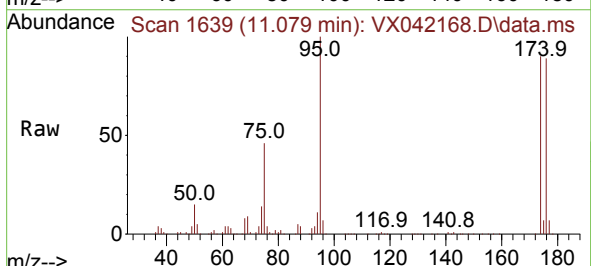


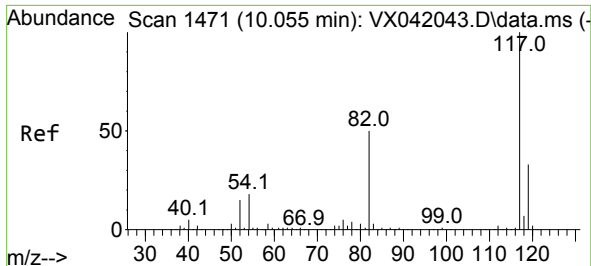
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 189.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.124 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

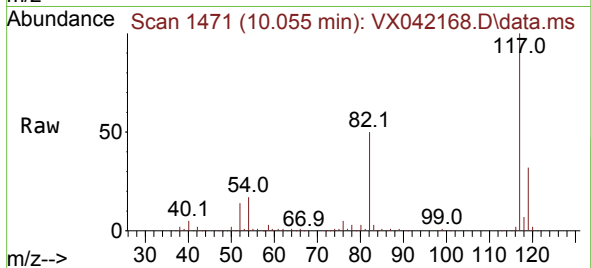
Tgt Ion: 95 Resp: 93126
Ion Ratio Lower Upper
95 100
174 97.8 0.0 135.6
176 96.8 0.0 131.0



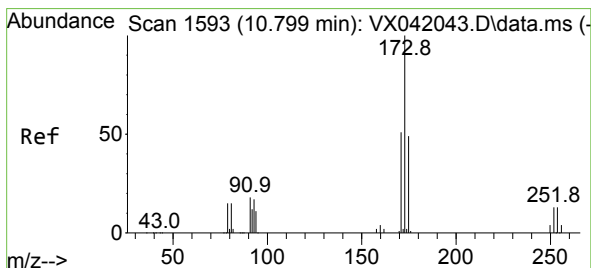
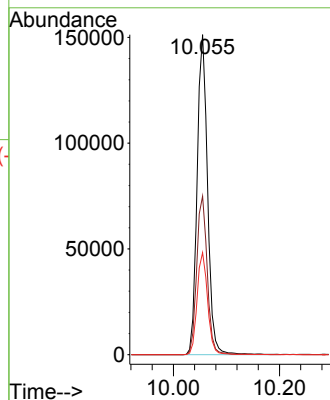
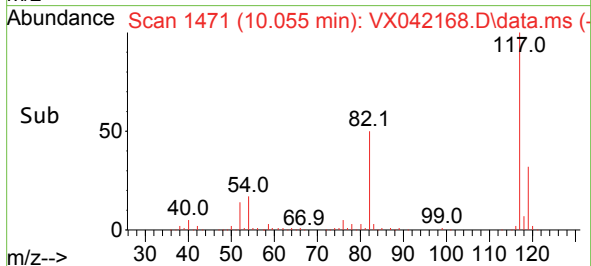


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

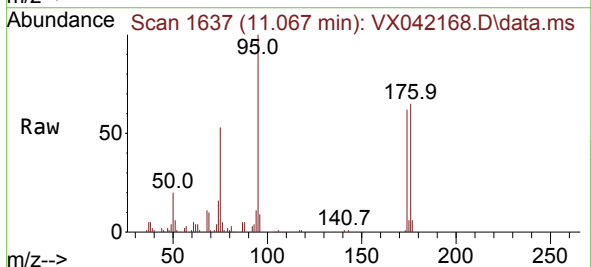
Instrument :
MSVOA_X
ClientSampleId :



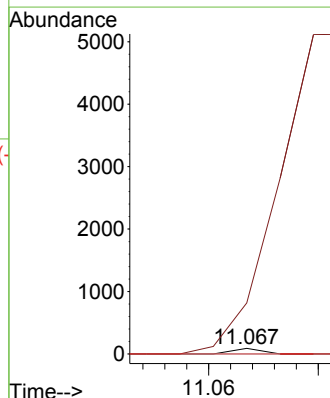
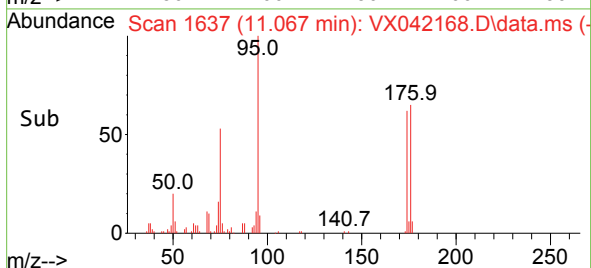
Tgt Ion:117 Resp: 205889
Ion Ratio Lower Upper
117 100
82 49.6 46.2 69.4
119 31.9 25.5 38.3

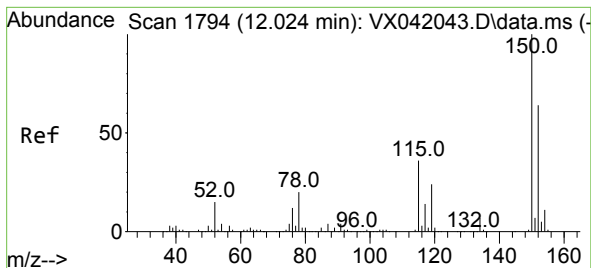


#71
Bromoform
Concen: 0.899 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.268 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45



Tgt Ion:173 Resp: 33
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042168.D

Acq: 03 Jul 2024 16:45

Instrument :

MSVOA_X

ClientSampleId :

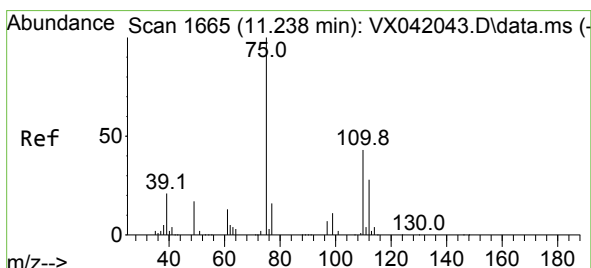
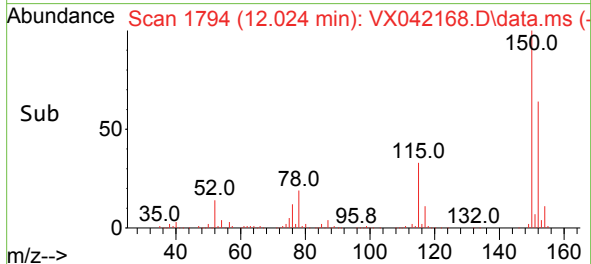
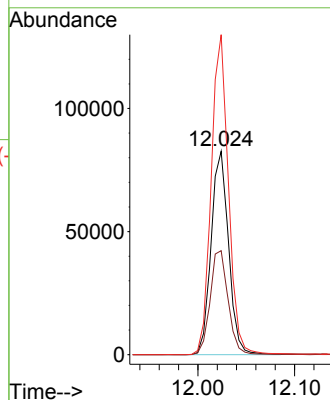
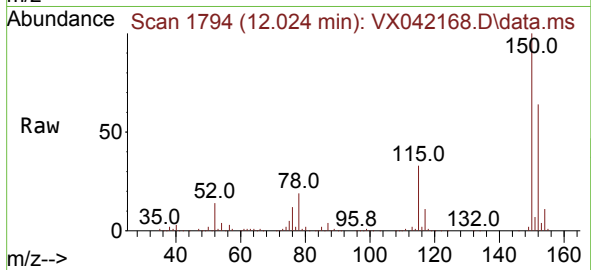
Tgt Ion:152 Resp: 103907

Ion Ratio Lower Upper

152 100

115 52.8 43.3 129.9

150 155.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.398 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042168.D

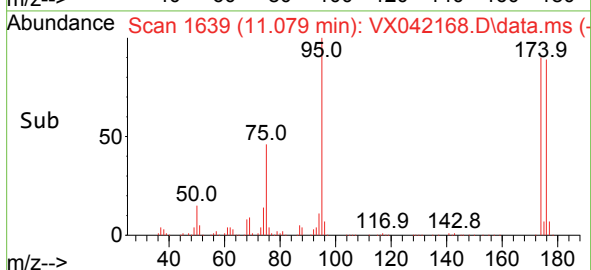
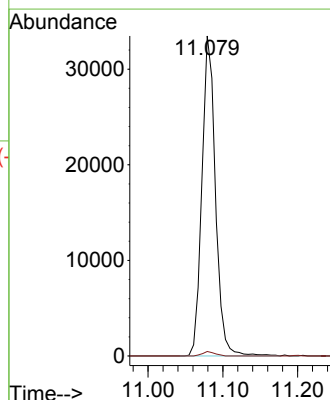
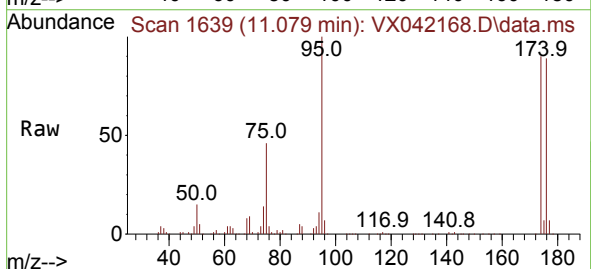
Acq: 03 Jul 2024 16:45

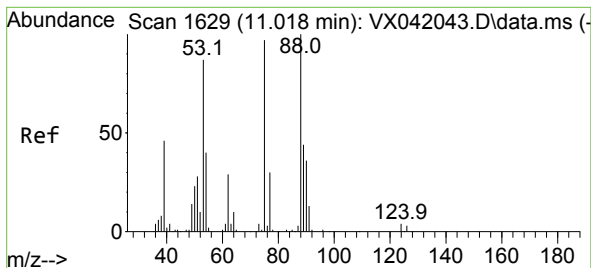
Tgt Ion: 75 Resp: 42250

Ion Ratio Lower Upper

75 100

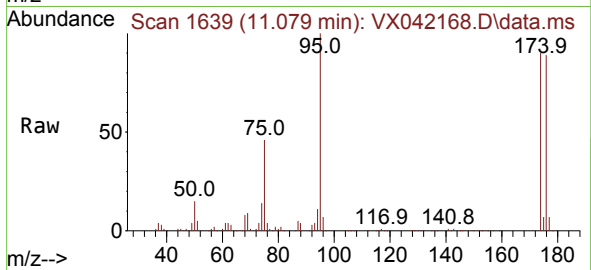
77 1.3 19.1 57.5#



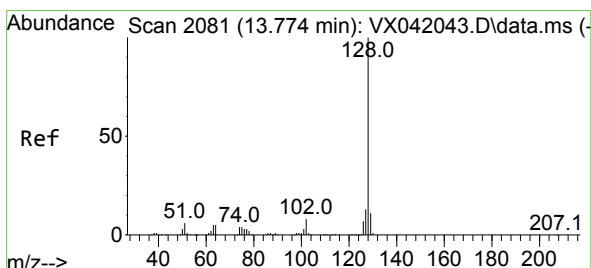
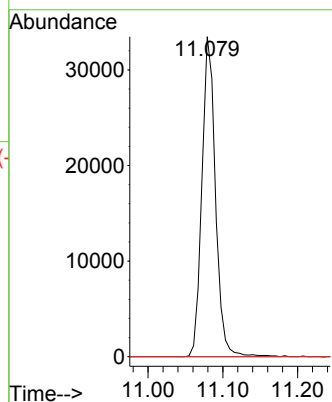
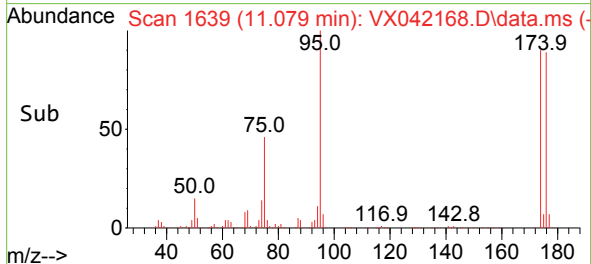


#81
trans-1,4-Dichloro-2-butene
Concen: 63.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45

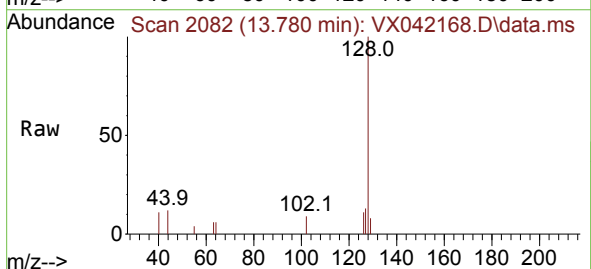
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 42250
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 1.063 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042168.D
Acq: 03 Jul 2024 16:45



Tgt Ion: 128 Resp: 2381
Ion Ratio Lower Upper
128 100
127 11.3 10.3 15.5
129 8.0 8.8 13.2#

