

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041984.D
 Acq On : 21 Jun 2024 16:46
 Operator : JC/MD
 Sample : P3002-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 04:43:51 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)

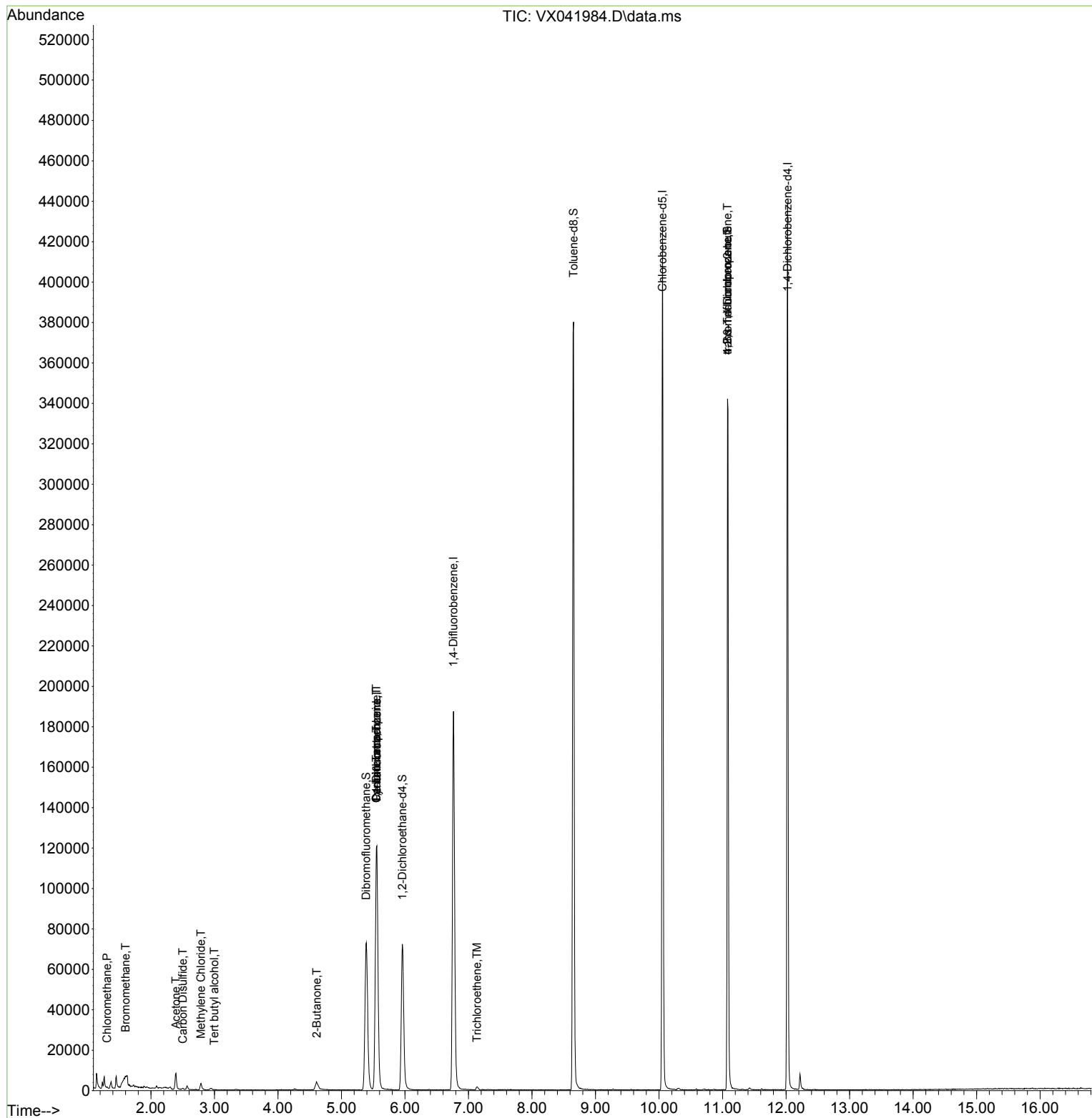
Internal Standards						
1) Pentafluorobenzene	5.556	168	133887	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	205633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70052	45.374	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.740%
35) Dibromofluoromethane	5.385	113	65430	44.844	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.680%
50) Toluene-d8	8.653	98	244174	47.636	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.280%
62) 4-Bromofluorobenzene	11.079	95	93207	49.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.660%
Target Compounds						
						Qvalue
3) Chloromethane	1.307	50	613	0.479	ug/l	95
5) Bromomethane	1.599	94	245	0.387	ug/l	# 63
6) Chloroethane	1.617	64	115	Below Cal	#	43
11) Tert butyl alcohol	2.995	59	244	0.833	ug/l	# 78
16) Acetone	2.392	43	8677	12.799	ug/l	94
17) Carbon Disulfide	2.501	76	936	0.398	ug/l	# 92
20) Methylene Chloride	2.788	84	1750	1.179	ug/l	# 93
25) 2-Butanone	4.611	43	1631	1.546	ug/l	# 88
31) Cyclohexane	5.550	56	1884	1.043	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7926	5.116	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	11567	6.757	ug/l	# 16
44) Trichloroethene	7.135	130	723	0.516	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	42960	23.186	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	42960	65.846	ug/l	# 5

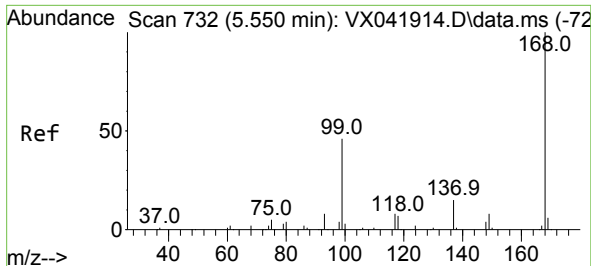
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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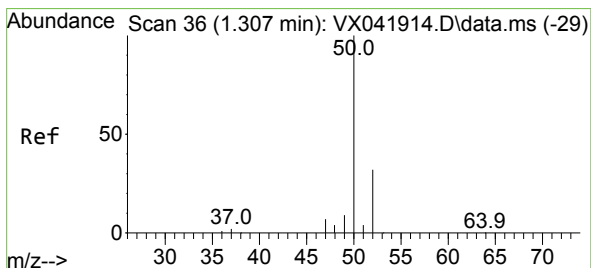
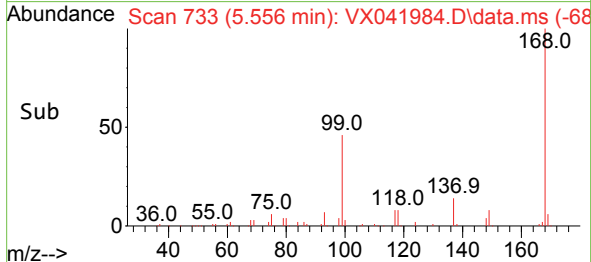
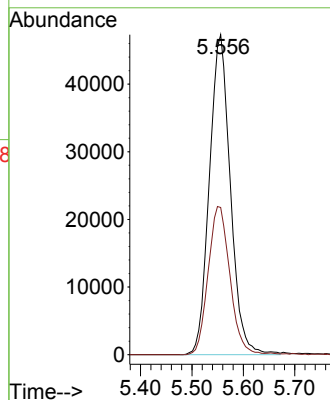
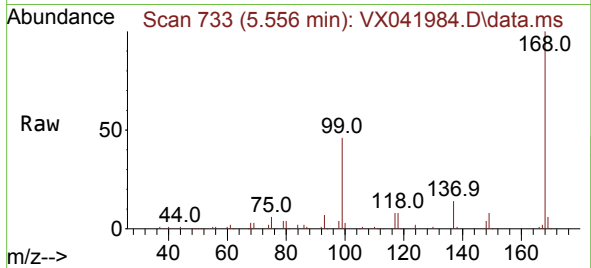




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041984.D
Acq: 21 Jun 2024 16:46

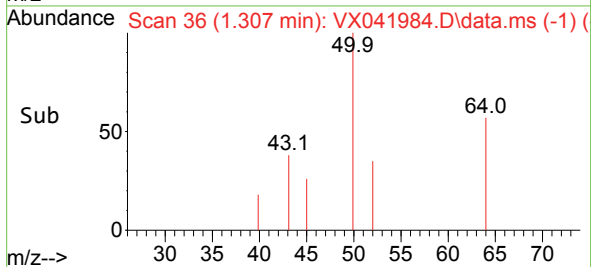
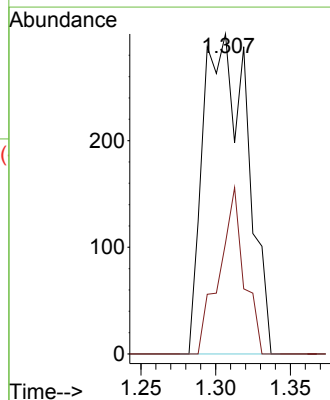
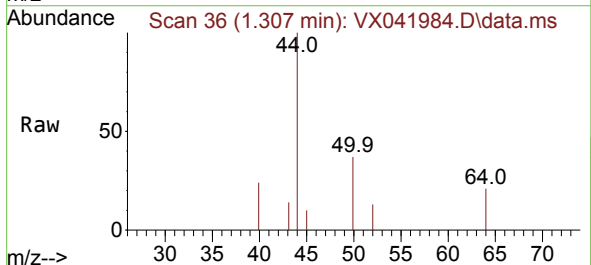
Instrument :
MSVOA_X
ClientSampleId :

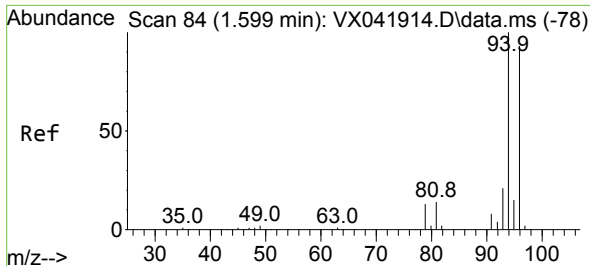
Tgt Ion:168 Resp: 133887
Ion Ratio Lower Upper
168 100
99 46.0 56.6 85.0#



#3
Chloromethane
Concen: 0.479 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX041984.D
Acq: 21 Jun 2024 16:46

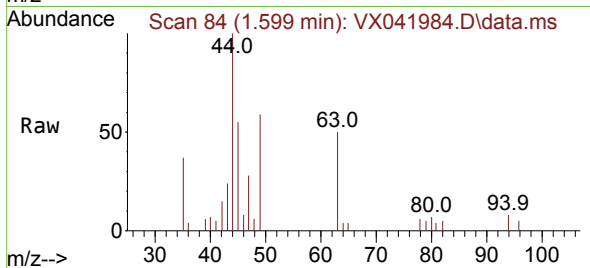
Tgt Ion: 50 Resp: 613
Ion Ratio Lower Upper
50 100
52 34.7 25.5 38.3



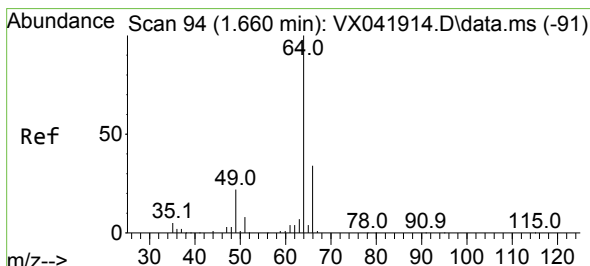
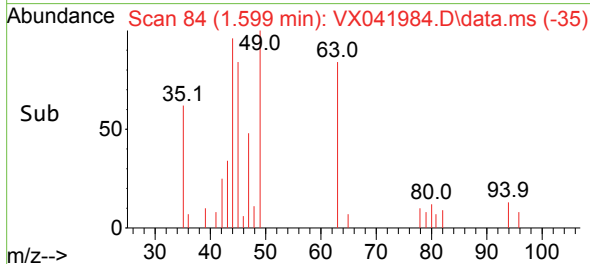
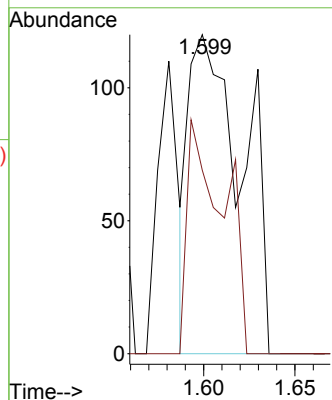


#5
Bromomethane
Concen: 0.387 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041984.D
Acq: 21 Jun 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :

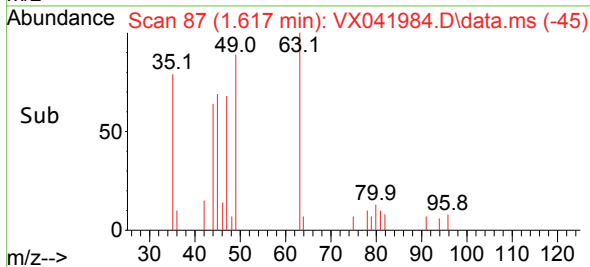
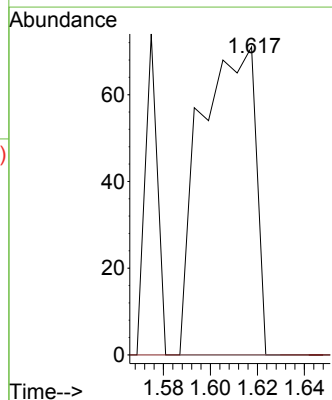
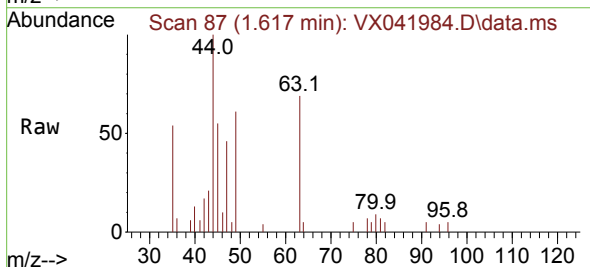


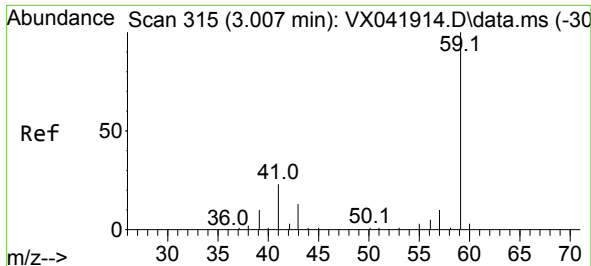
Tgt Ion: 94 Resp: 245
Ion Ratio Lower Upper
94 100
96 57.5 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. -0.043 min
Lab File: VX041984.D
Acq: 21 Jun 2024 16:46

Tgt Ion: 64 Resp: 115
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.833 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.012 min

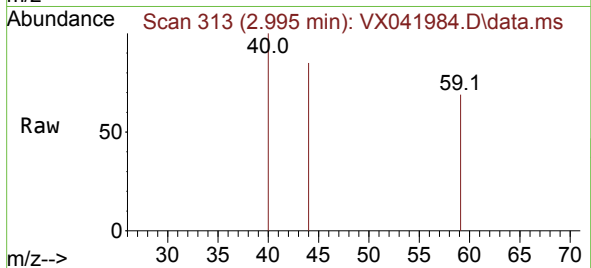
Lab File: VX041984.D

Acq: 21 Jun 2024 16:46

Instrument :

MSVOA_X

ClientSampleId :

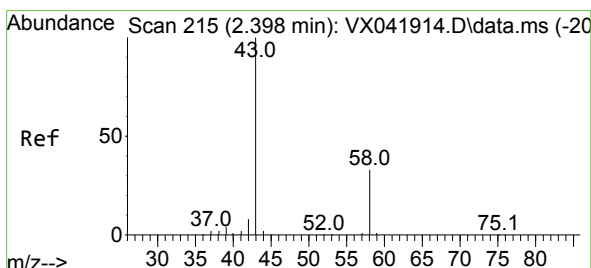
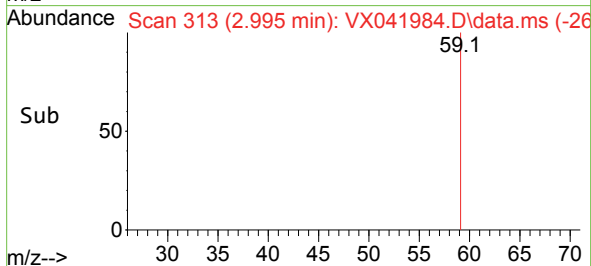
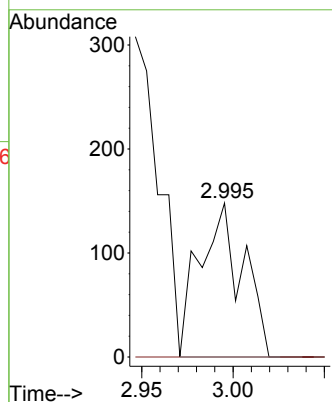


Tgt Ion: 59 Resp: 244

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 12.799 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041984.D

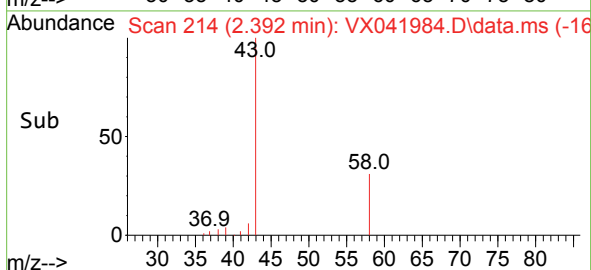
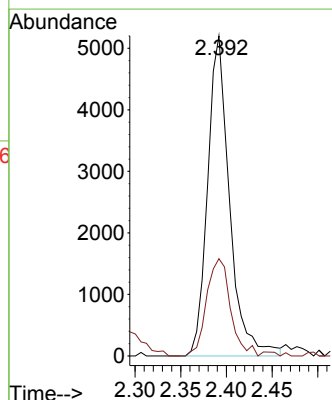
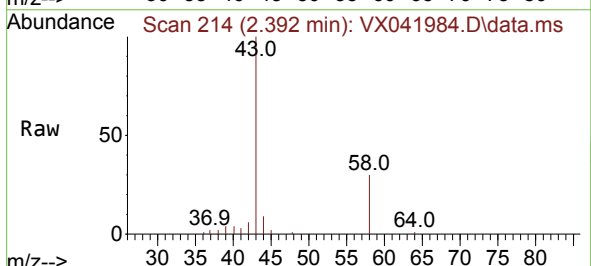
Acq: 21 Jun 2024 16:46

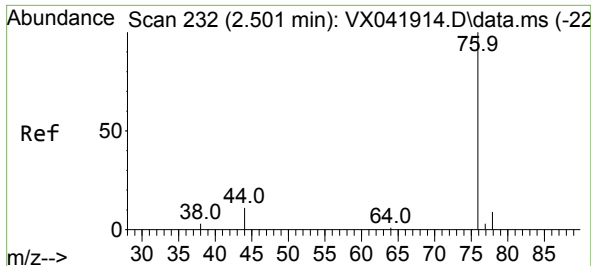
Tgt Ion: 43 Resp: 8677

Ion Ratio Lower Upper

43 100

58 30.4 21.9 32.9





#17

Carbon Disulfide

Concen: 0.398 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

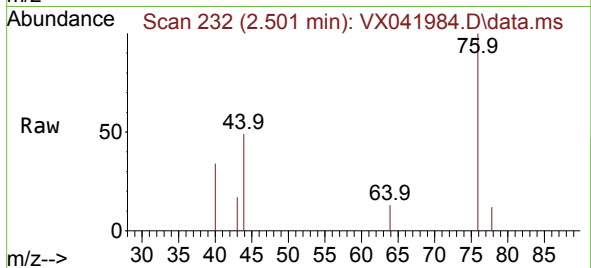
Lab File: VX041984.D

Acq: 21 Jun 2024 16:46

Instrument :

MSVOA_X

ClientSampleId :

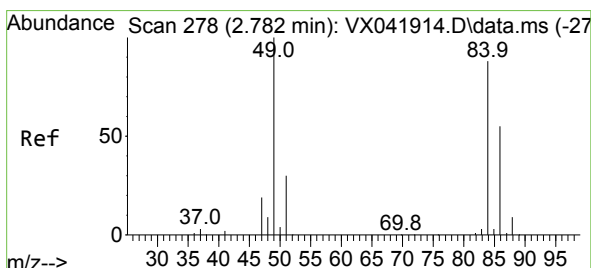
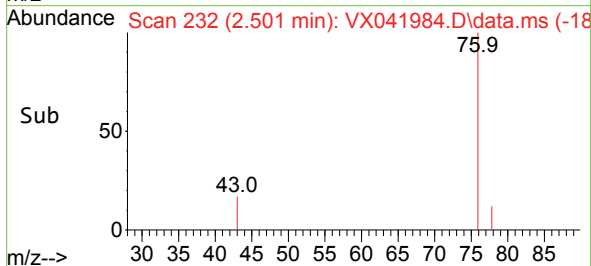
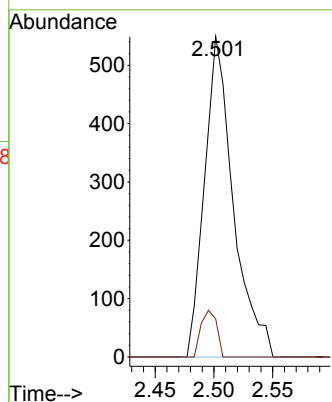


Tgt Ion: 76 Resp: 936

Ion Ratio Lower Upper

76 100

78 11.8 7.0 10.6#



#20

Methylene Chloride

Concen: 1.179 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX041984.D

Acq: 21 Jun 2024 16:46

Tgt Ion: 84 Resp: 1750

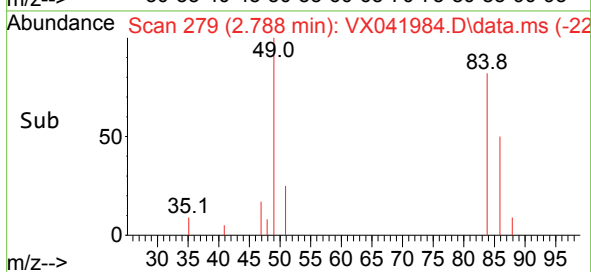
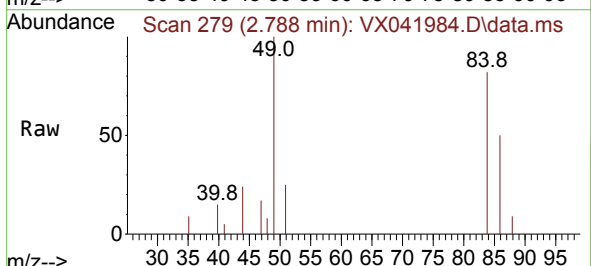
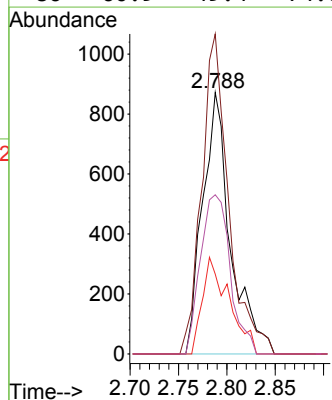
Ion Ratio Lower Upper

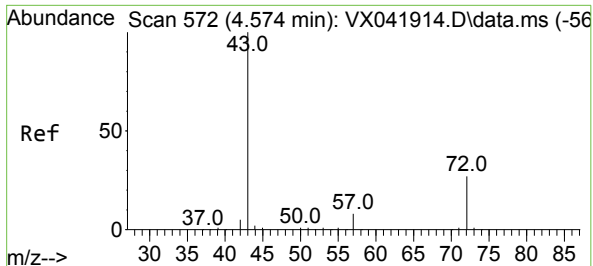
84 100

49 122.4 103.6 155.4

51 30.5 33.8 50.6#

86 60.9 49.4 74.0

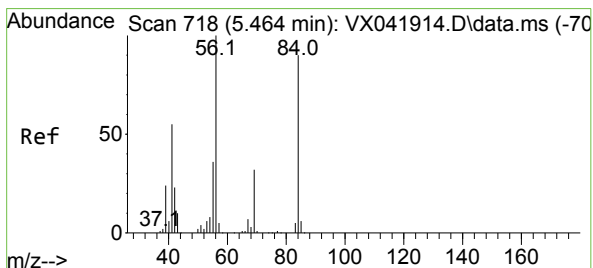
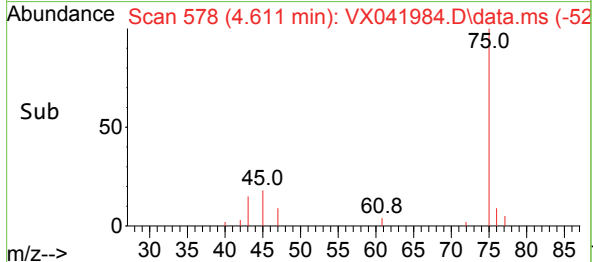
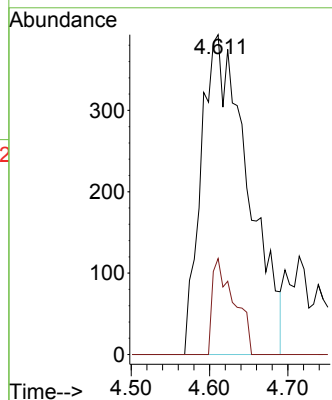
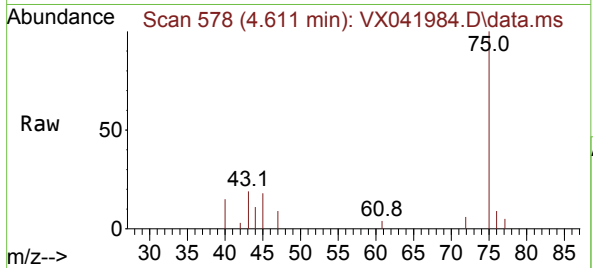




#25
2-Butanone
Concen: 1.546 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX041984.D
Acq: 21 Jun 2024 16:46

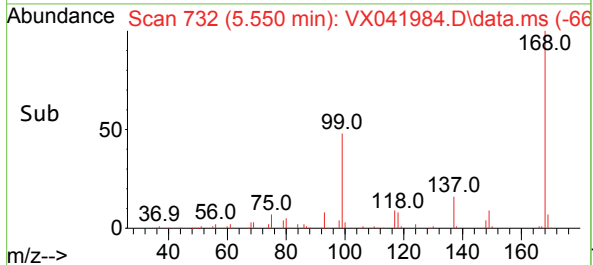
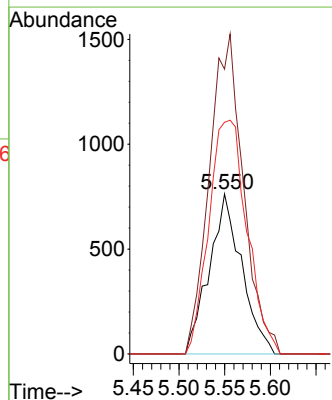
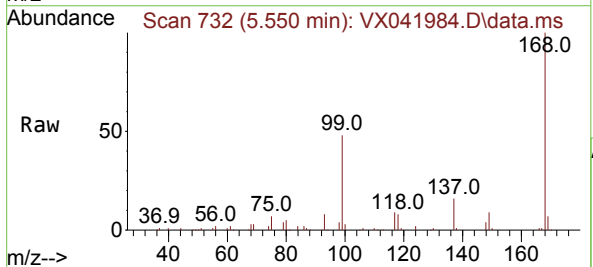
Instrument :
MSVOA_X
ClientSampleId :

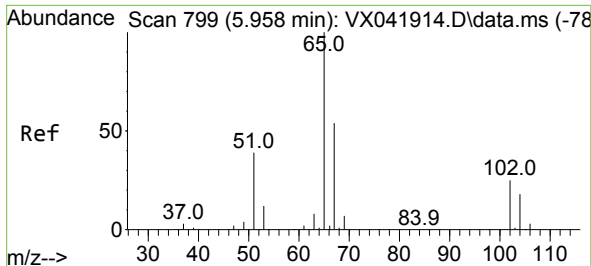
Tgt Ion: 43 Resp: 1631
Ion Ratio Lower Upper
43 100
72 30.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.043 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX041984.D
Acq: 21 Jun 2024 16:46

Tgt Ion: 56 Resp: 1884
Ion Ratio Lower Upper
56 100
69 178.0 23.4 35.2#
84 144.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.374 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041984.D

Acq: 21 Jun 2024 16:46

Instrument :

MSVOA_X

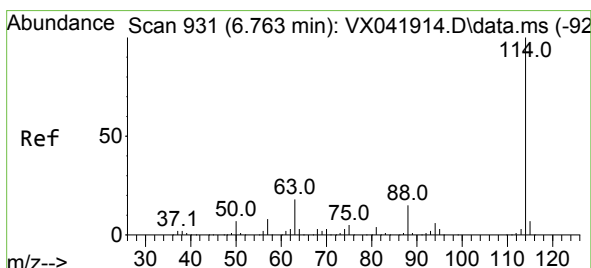
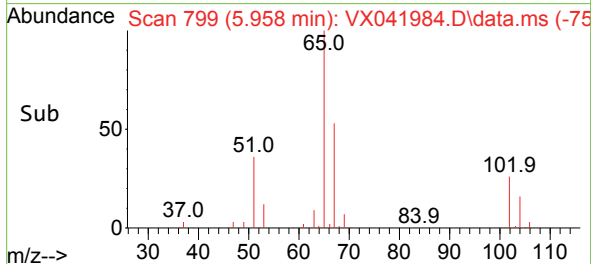
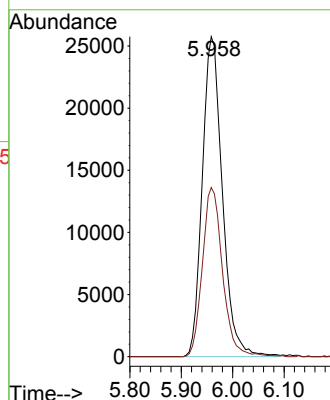
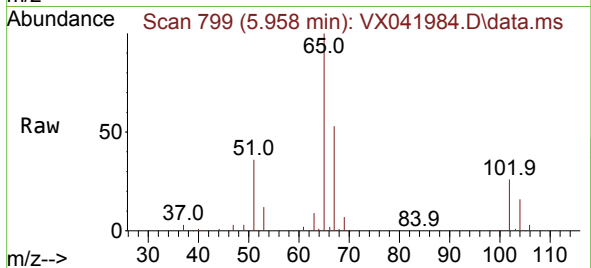
ClientSampleId :

Tgt Ion: 65 Resp: 70052

Ion Ratio Lower Upper

65 100

67 53.1 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: VX041984.D

Acq: 21 Jun 2024 16:46

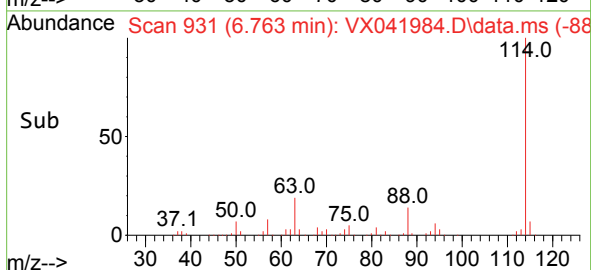
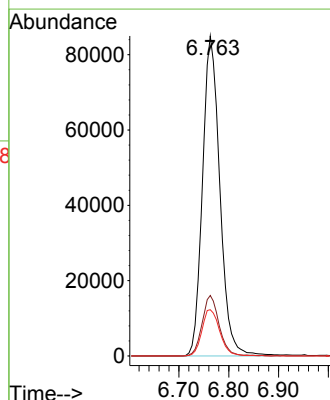
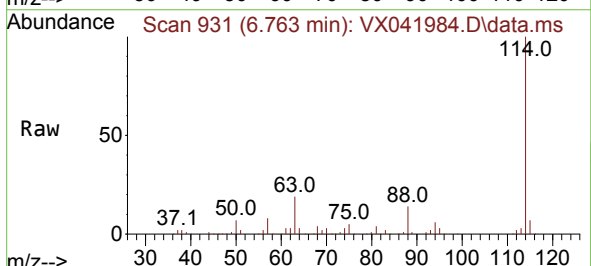
Tgt Ion: 114 Resp: 205633

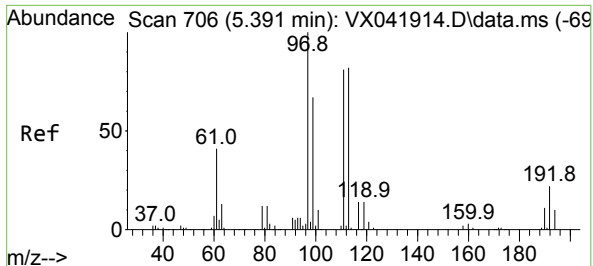
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 14.4 0.0 36.6

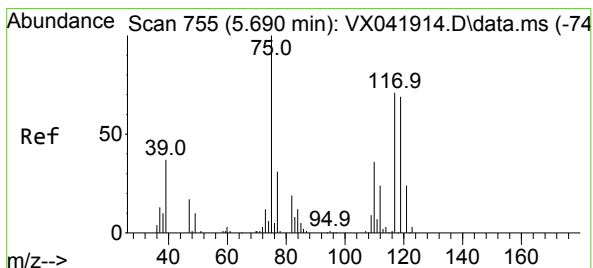
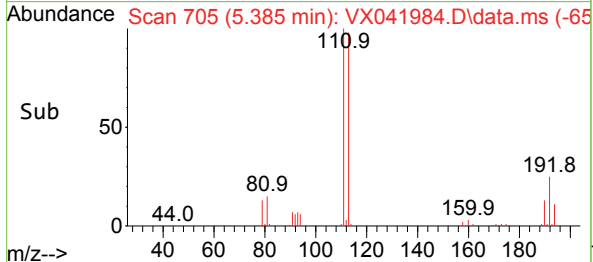
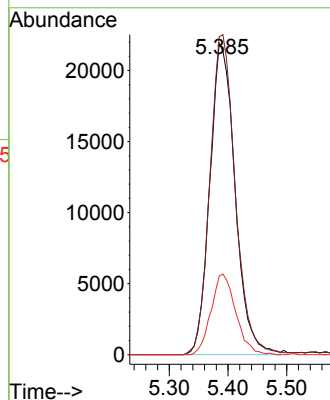
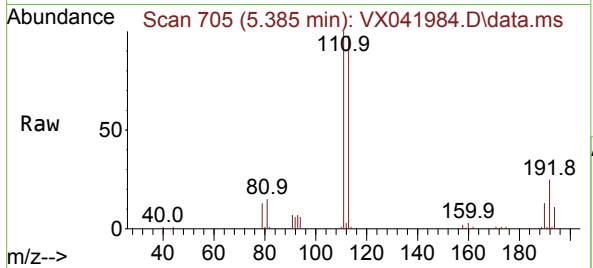




#35
Dibromofluoromethane
Concen: 44.844 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX041984.D
Acq: 21 Jun 2024 16:46

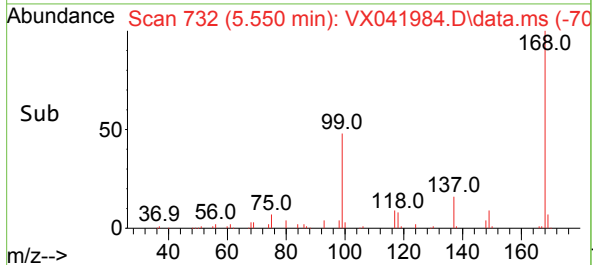
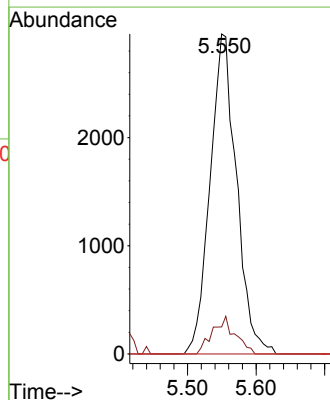
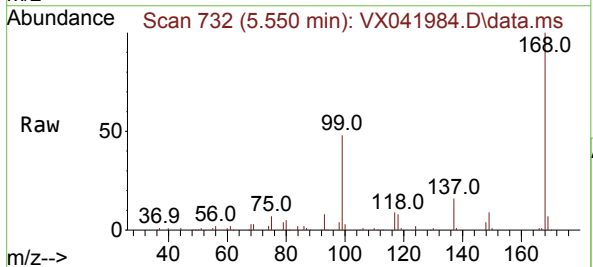
Instrument :
MSVOA_X
ClientSampleId :

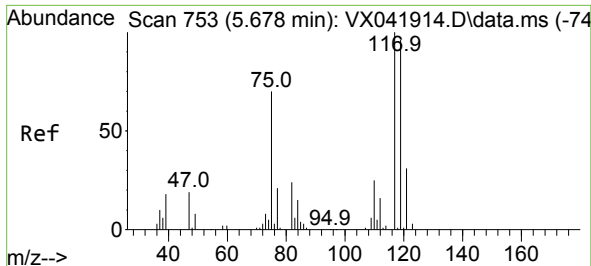
Tgt Ion:113 Resp: 65430
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 25.4 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.116 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041984.D
Acq: 21 Jun 2024 16:46

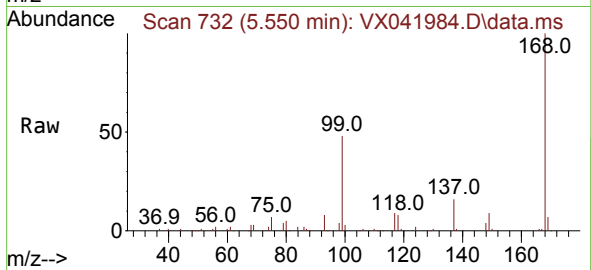
Tgt Ion: 75 Resp: 7926
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



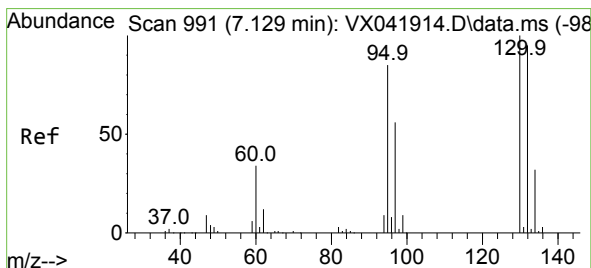
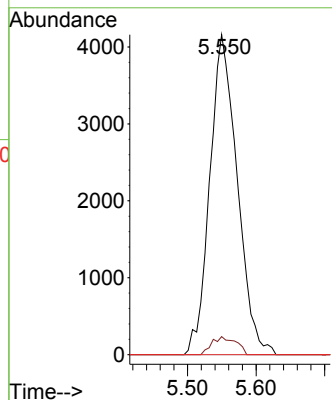
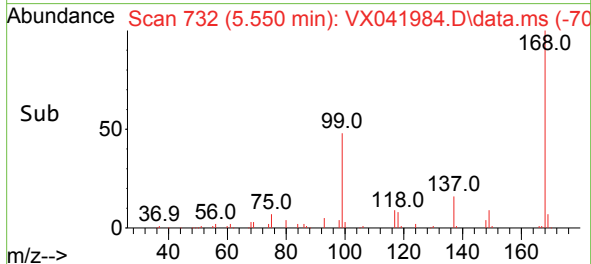


#38
Carbon Tetrachloride
Concen: 6.757 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041984.D
Acq: 21 Jun 2024 16:46

Instrument :
MSVOA_X
ClientSampleId :

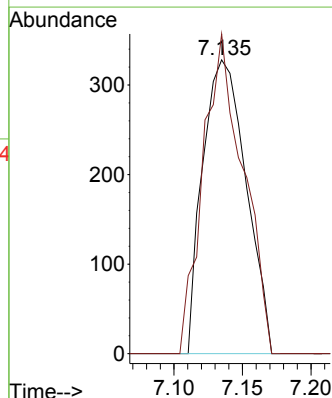
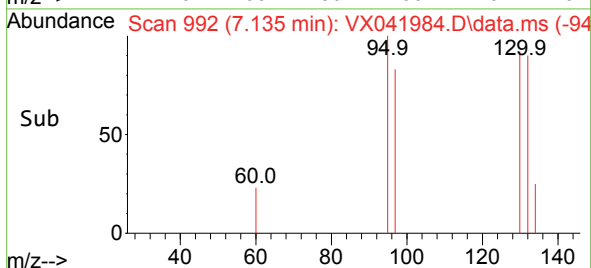
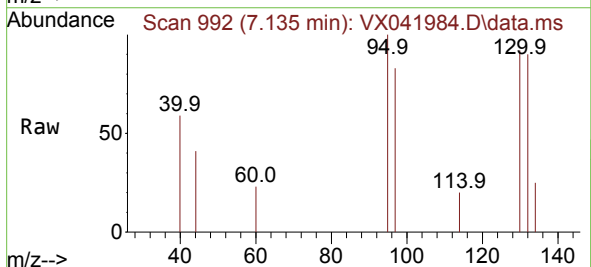


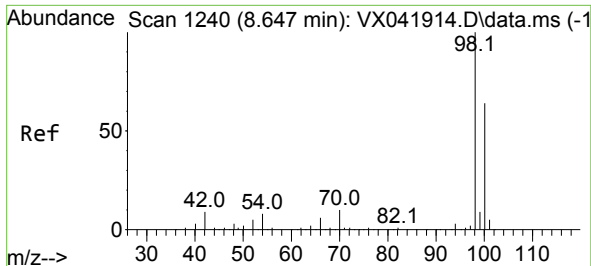
Tgt Ion:117 Resp: 11567
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.516 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX041984.D
Acq: 21 Jun 2024 16:46

Tgt Ion:130 Resp: 723
Ion Ratio Lower Upper
130 100
95 108.8 0.0 204.4

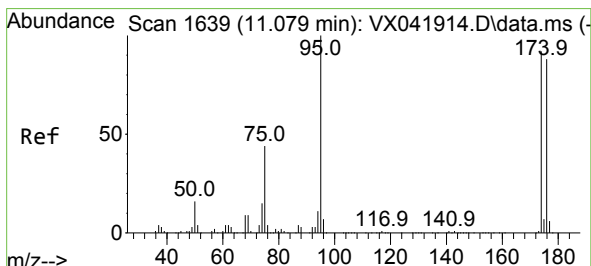
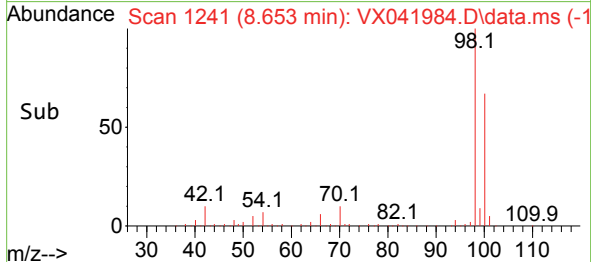
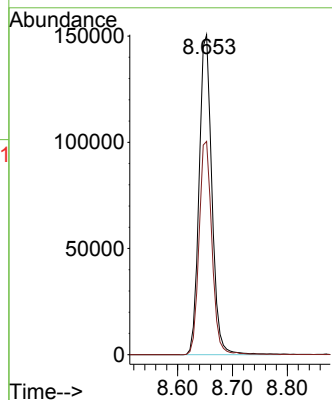
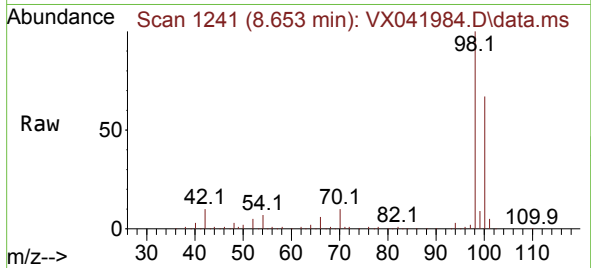




#50
Toluene-d8
Concen: 47.636 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041984.D
Acq: 21 Jun 2024 16:46

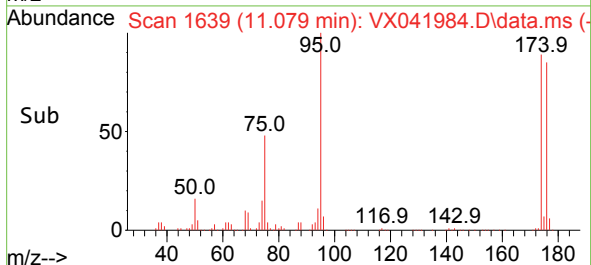
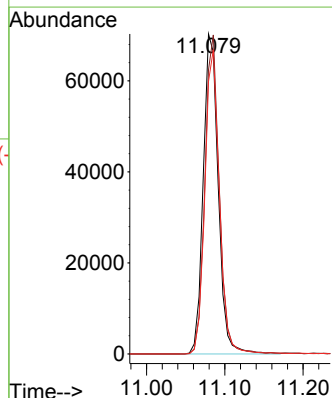
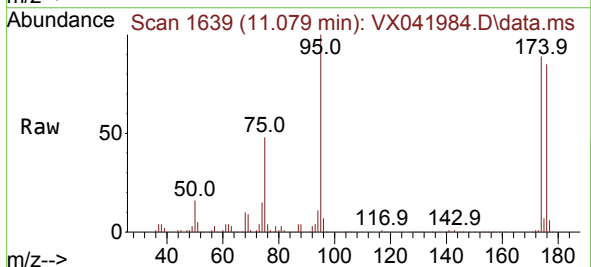
Instrument :
MSVOA_X
ClientSampleId :

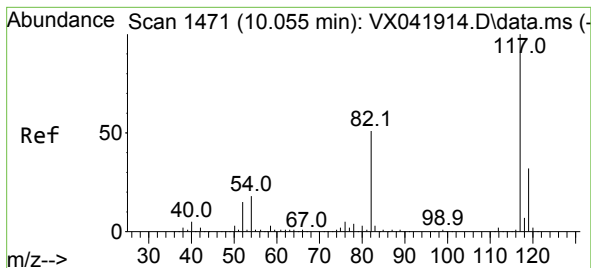
Tgt Ion: 98 Resp: 244174
Ion Ratio Lower Upper
98 100
100 67.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.329 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041984.D
Acq: 21 Jun 2024 16:46

Tgt Ion: 95 Resp: 93207
Ion Ratio Lower Upper
95 100
174 96.3 0.0 135.6
176 92.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

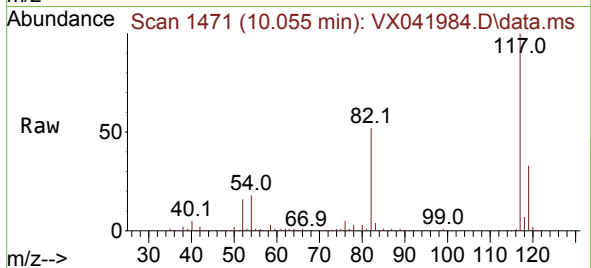
Lab File: VX041984.D

Acq: 21 Jun 2024 16:46

Instrument :

MSVOA_X

ClientSampleId :



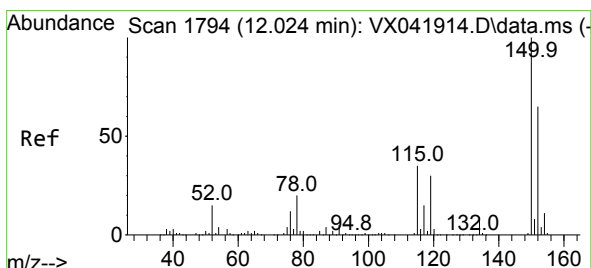
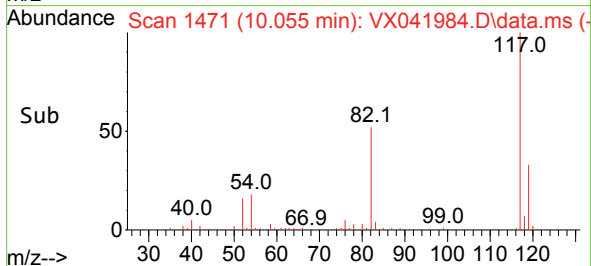
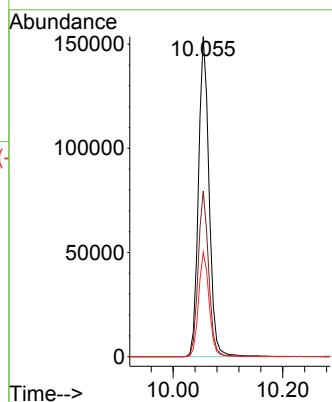
Tgt Ion:117 Resp: 207735

Ion Ratio Lower Upper

117 100

82 51.7 46.2 69.4

119 32.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041984.D

Acq: 21 Jun 2024 16:46

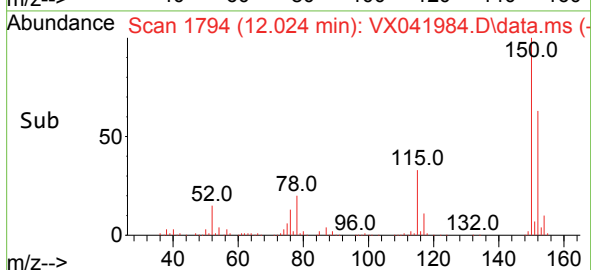
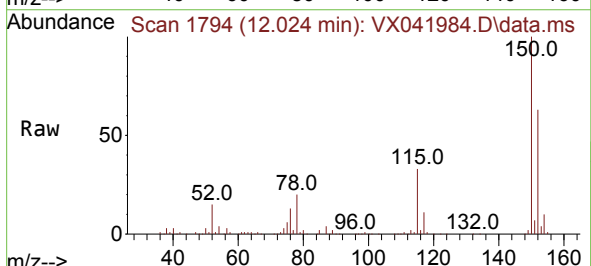
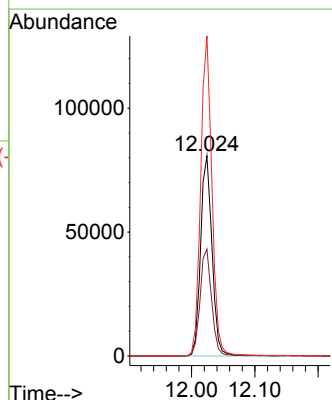
Tgt Ion:152 Resp: 102063

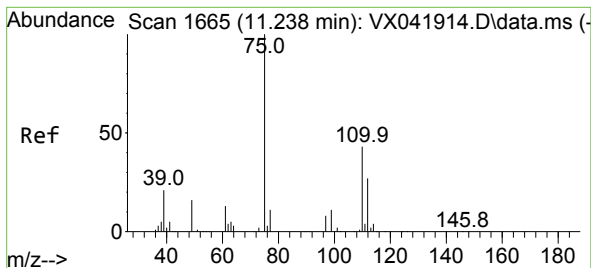
Ion Ratio Lower Upper

152 100

115 53.8 43.3 129.9

150 157.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.186 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041984.D

Acq: 21 Jun 2024 16:46

Instrument :

MSVOA_X

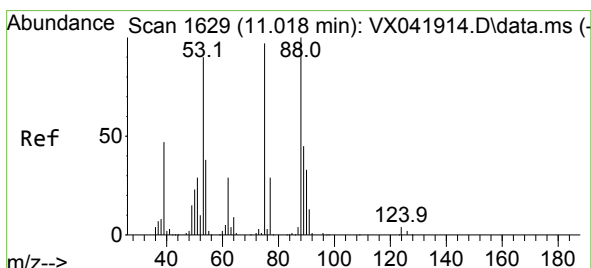
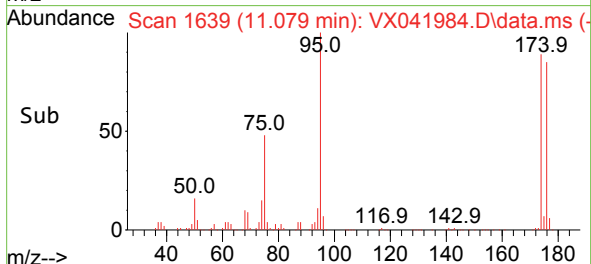
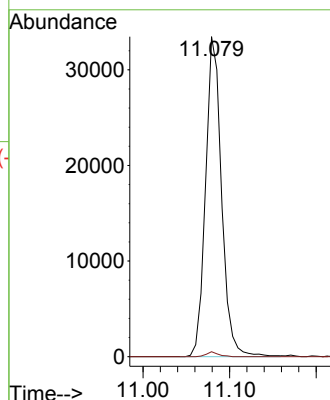
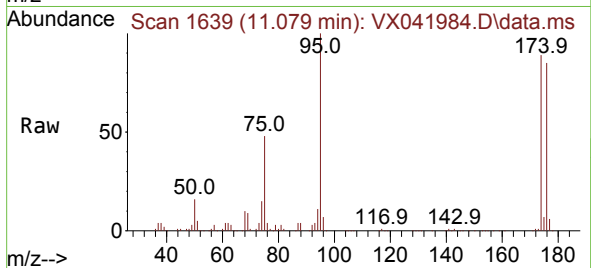
ClientSampleId :

Tgt Ion: 75 Resp: 42960

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.846 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041984.D

Acq: 21 Jun 2024 16:46

Tgt Ion: 75 Resp: 42960

Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 36.9 55.3#

