

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX041999.D
 Acq On : 24 Jun 2024 13:00
 Operator : JC/MD
 Sample : VX0624WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBL02

Quant Time: Jun 25 06:13:04 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)

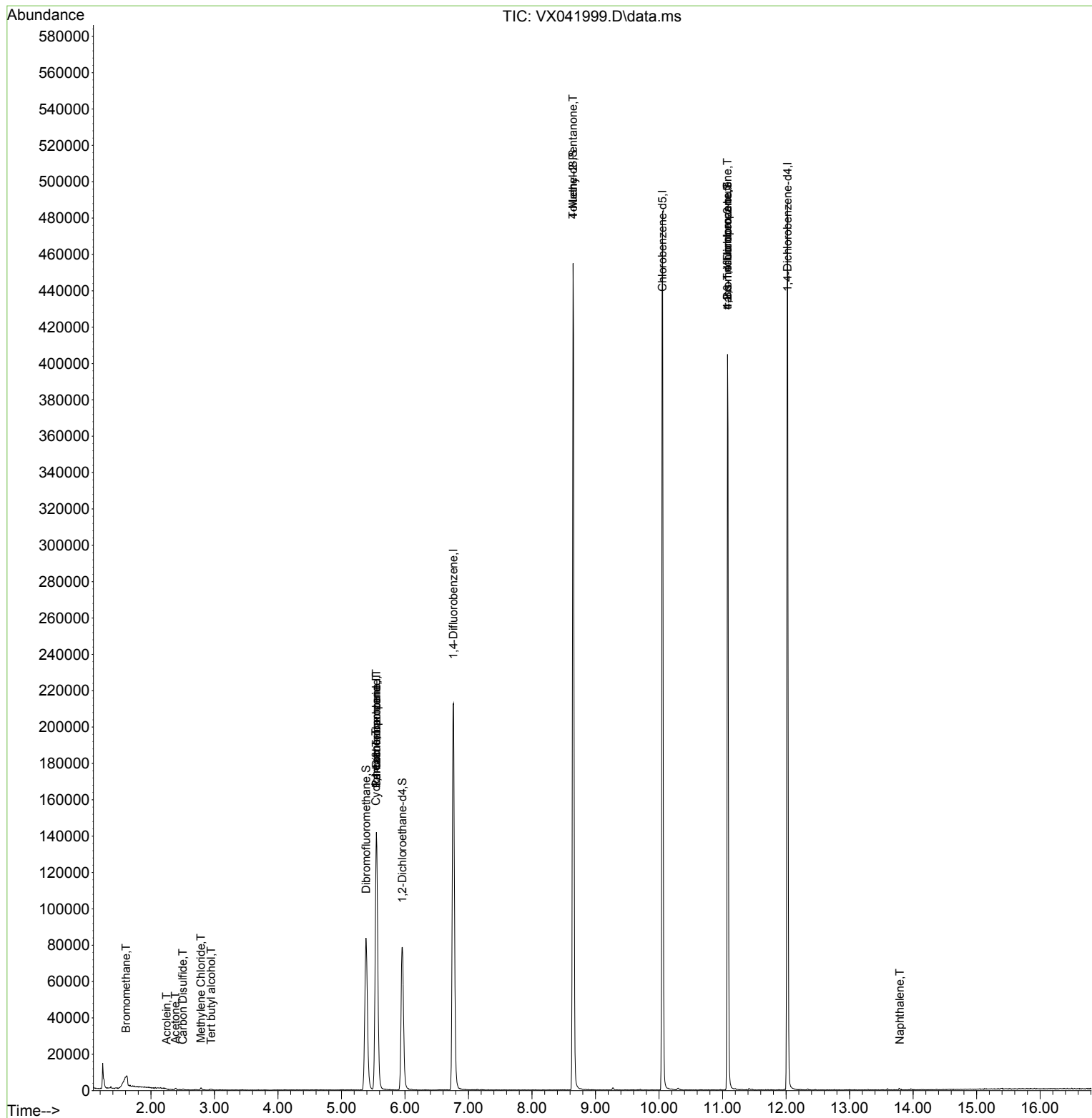
Internal Standards						
1) Pentafluorobenzene	5.550	168	155703	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	237716	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78087	43.492	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.980%
35) Dibromofluoromethane	5.385	113	74964	44.444	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.880%
50) Toluene-d8	8.647	98	282419	47.661	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.320%
62) 4-Bromofluorobenzene	11.079	95	107293	49.120	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.240%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	519	0.705	ug/l	86
6) Chloroethane	1.691	64	150	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	351	1.030	ug/l	# 78
13) Acrolein	2.245	56	193	0.505	ug/l	# 71
16) Acetone	2.386	43	756	0.959	ug/l	# 60
17) Carbon Disulfide	2.501	76	641	0.234	ug/l	# 76
20) Methylene Chloride	2.788	84	598	0.346	ug/l	90
31) Cyclohexane	5.544	56	2221	1.058	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8826	4.928	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	12990	6.564	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1023	0.415	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	49358	22.720	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	49358	64.523	ug/l	# 5
95) Naphthalene	13.792	128	1042	0.867	ug/l	# 80

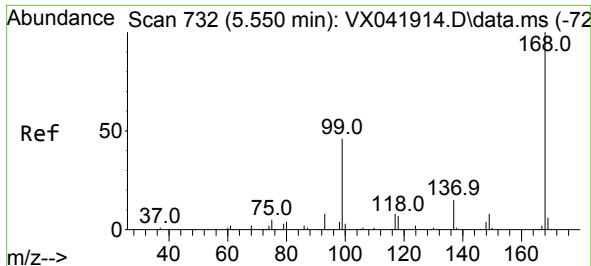
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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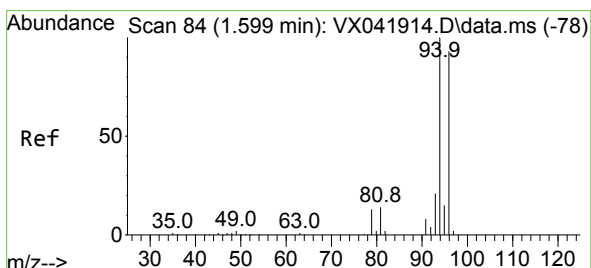
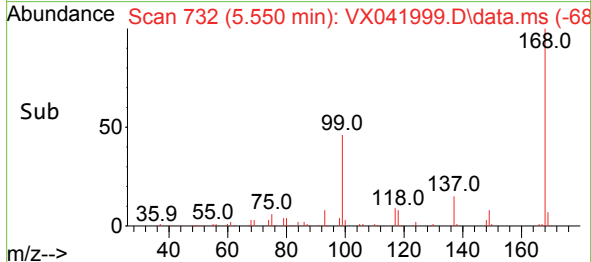
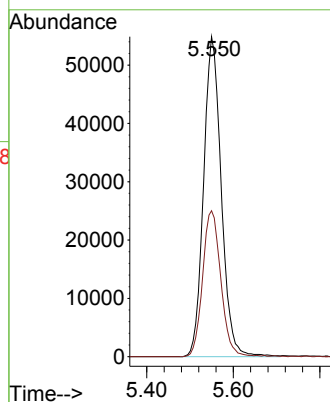
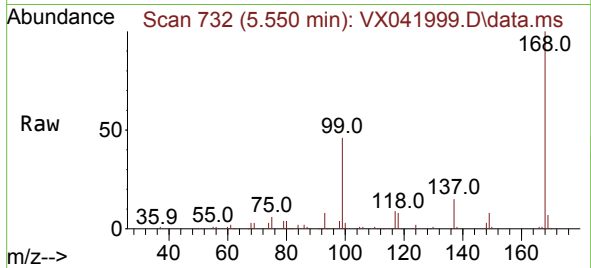




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

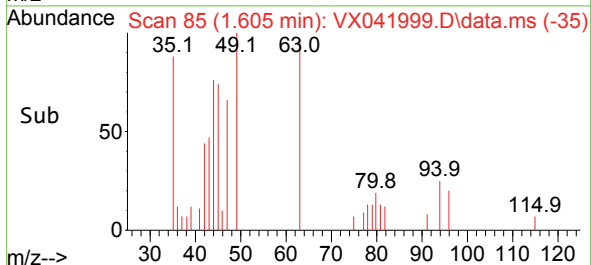
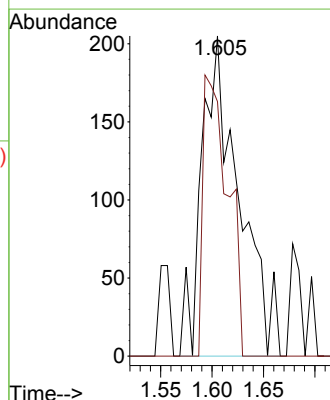
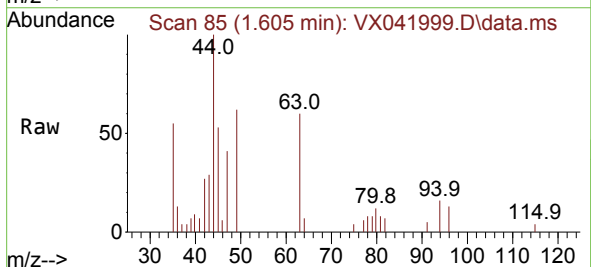
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL02

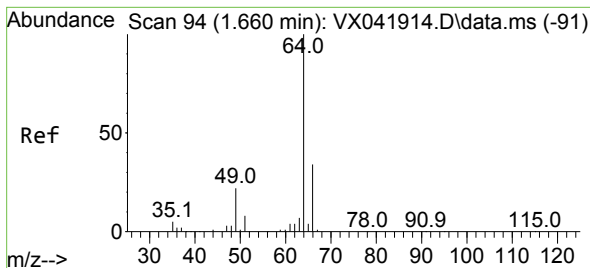
Tgt Ion:168 Resp: 155703
Ion Ratio Lower Upper
168 100
99 45.6 56.6 85.0#



#5
Bromomethane
Concen: 0.705 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

Tgt Ion: 94 Resp: 519
Ion Ratio Lower Upper
94 100
96 79.5 74.6 111.8





#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 94

Delta R.T. 0.031 min

Lab File: VX041999.D

Acq: 24 Jun 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

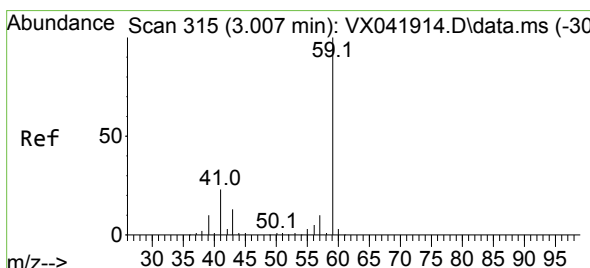
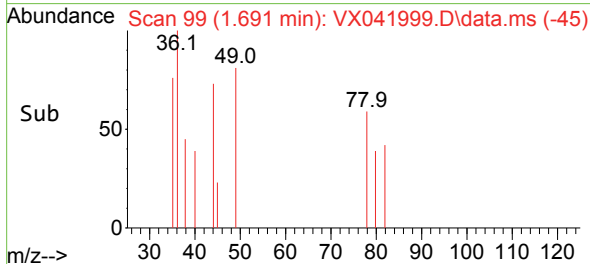
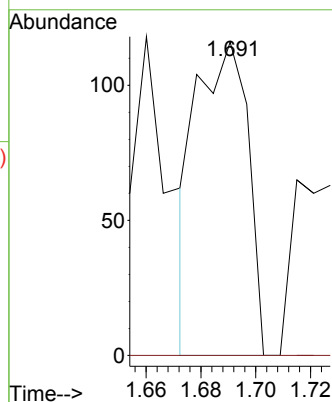
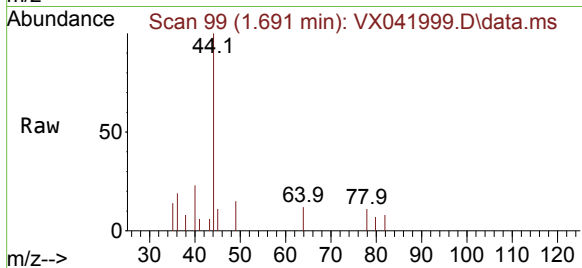
VX0624WBL02

Tgt Ion: 64 Resp: 150

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 1.030 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.061 min

Lab File: VX041999.D

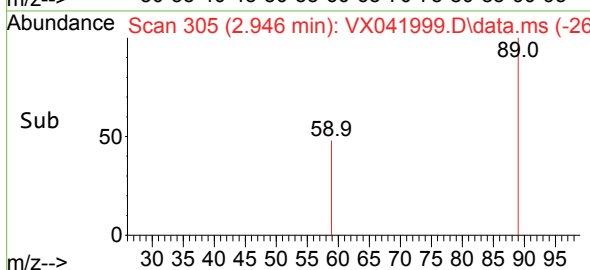
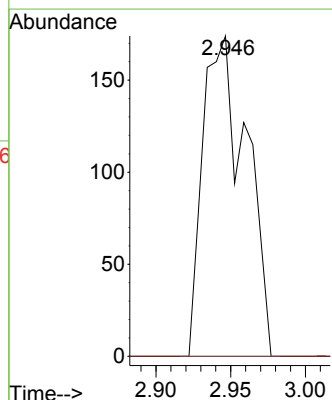
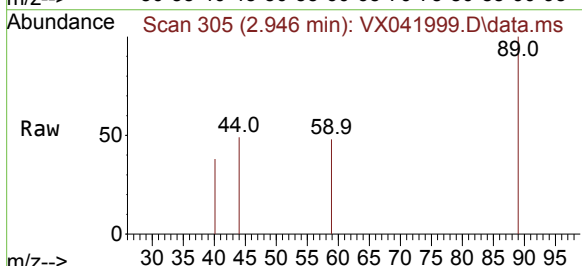
Acq: 24 Jun 2024 13:00

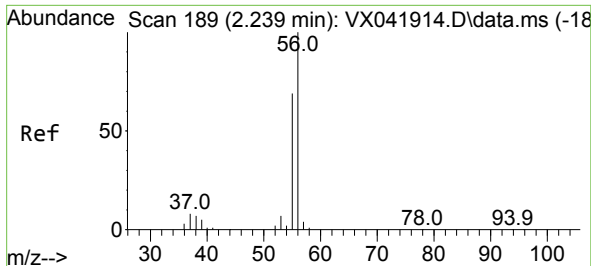
Tgt Ion: 59 Resp: 351

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.505 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX041999.D

Acq: 24 Jun 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

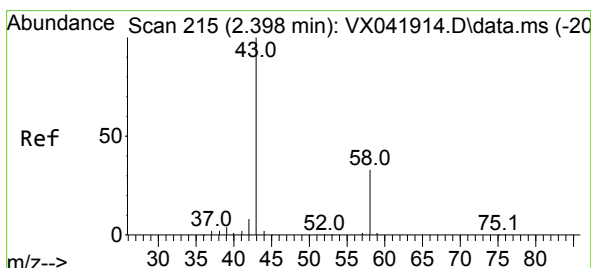
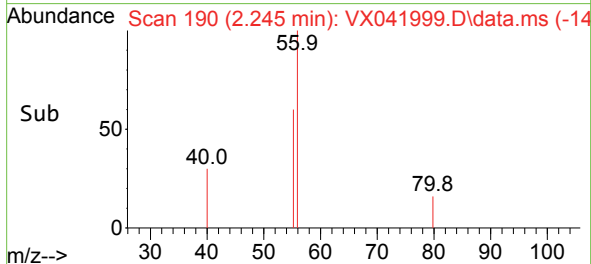
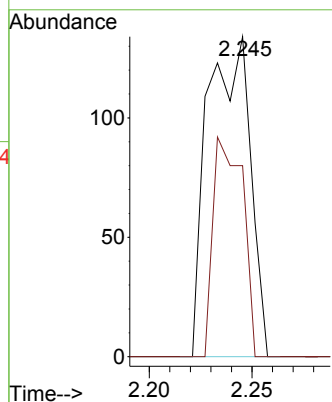
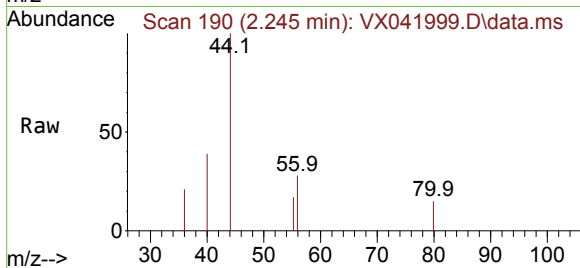
VX0624WBL02

Tgt Ion: 56 Resp: 193

Ion Ratio Lower Upper

56 100

55 47.7 57.1 85.7#



#16

Acetone

Concen: 0.959 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX041999.D

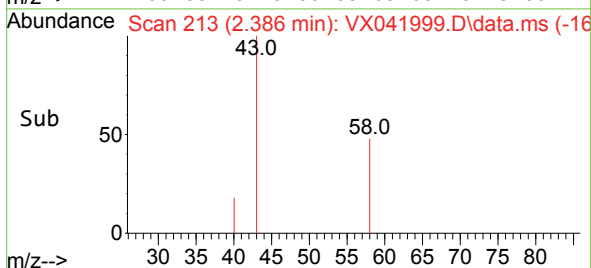
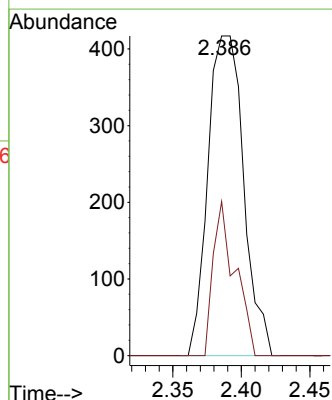
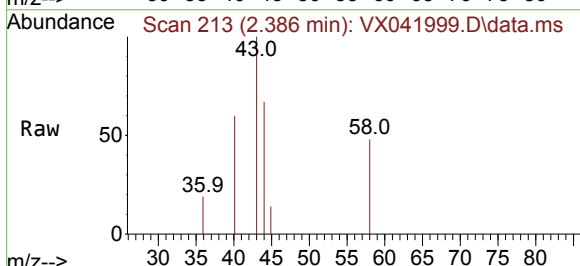
Acq: 24 Jun 2024 13:00

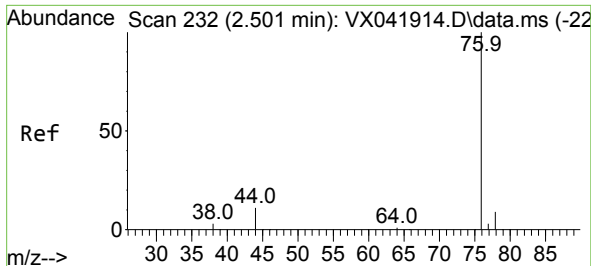
Tgt Ion: 43 Resp: 756

Ion Ratio Lower Upper

43 100

58 48.2 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.234 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041999.D

Acq: 24 Jun 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

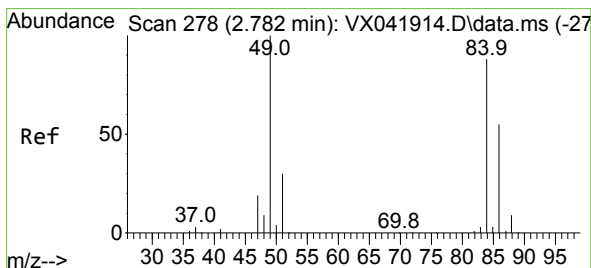
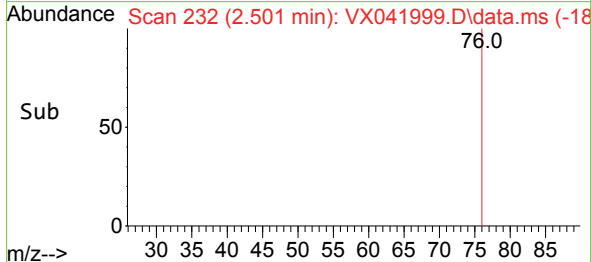
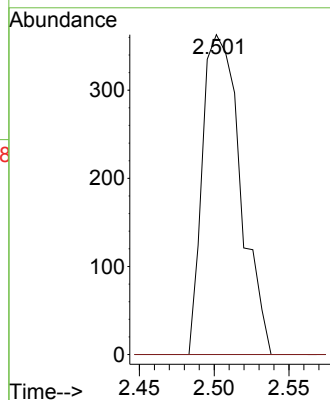
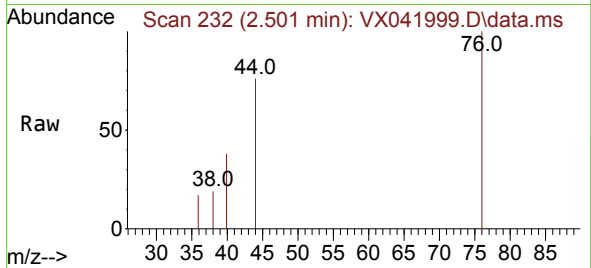
VX0624WBL02

Tgt Ion: 76 Resp: 641

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.346 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX041999.D

Acq: 24 Jun 2024 13:00

Tgt Ion: 84 Resp: 598

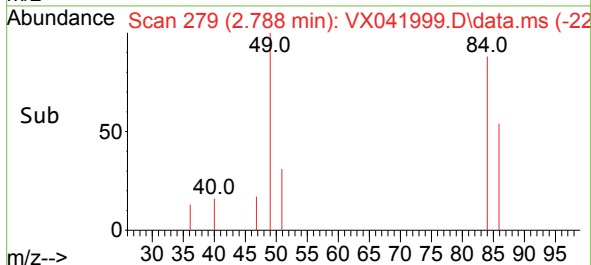
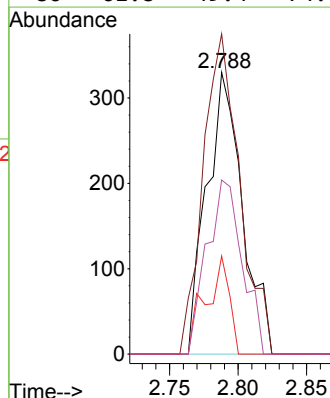
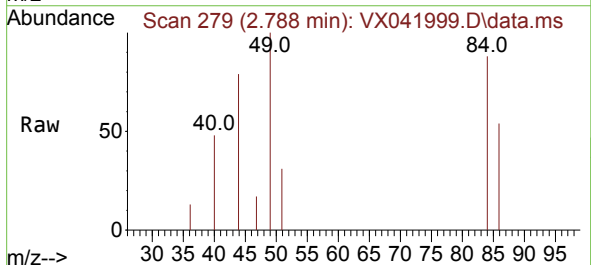
Ion Ratio Lower Upper

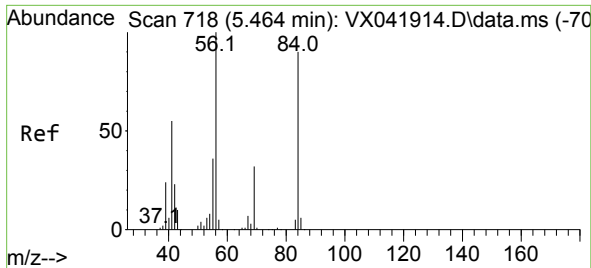
84 100

49 113.6 103.6 155.4

51 34.8 33.8 50.6

86 61.8 49.4 74.0

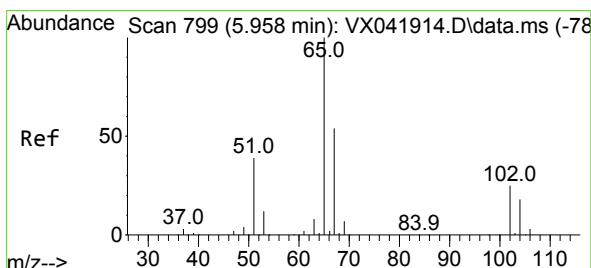
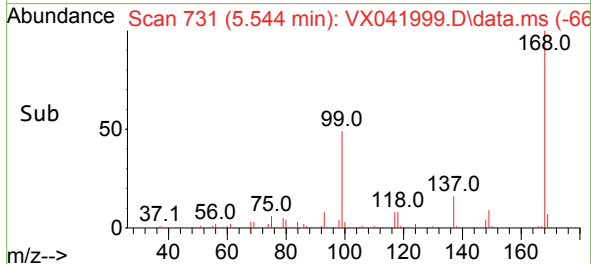
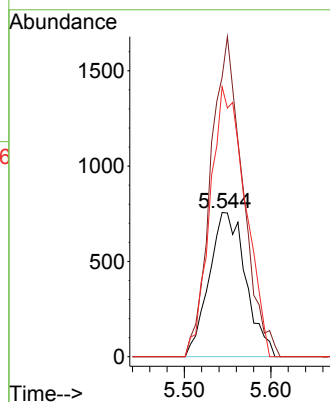
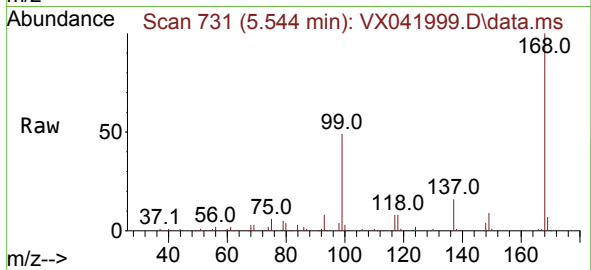




#31
Cyclohexane
Concen: 1.058 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

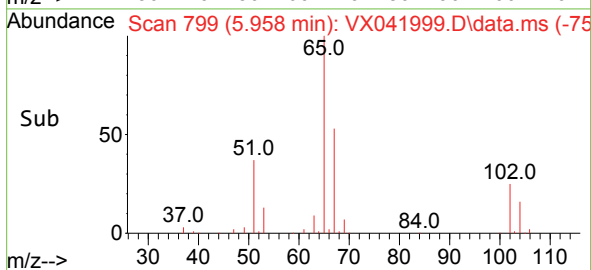
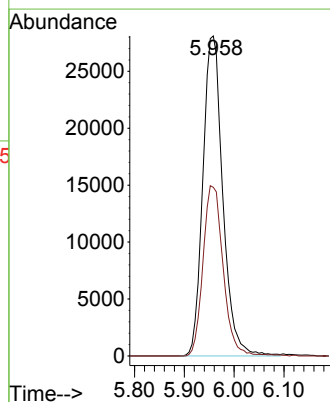
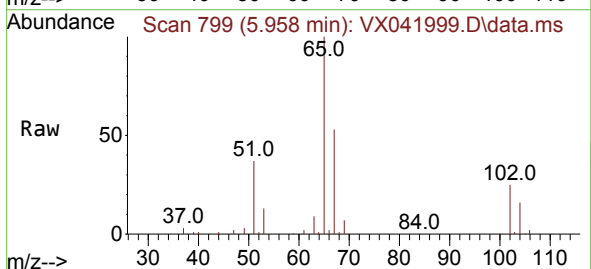
Instrument :
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VX0624WBL02

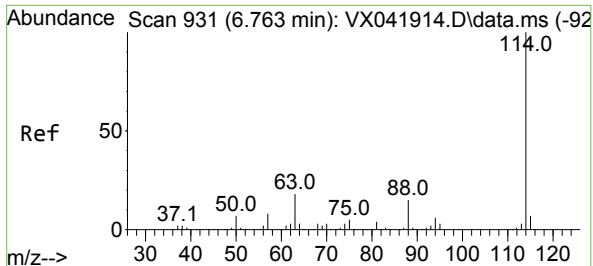
Tgt Ion: 56 Resp: 2221
Ion Ratio Lower Upper
56 100
69 193.8 23.4 35.2#
84 187.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.492 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

Tgt Ion: 65 Resp: 78087
Ion Ratio Lower Upper
65 100
67 53.8 0.0 100.2

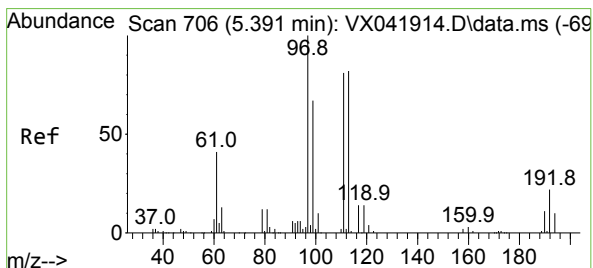
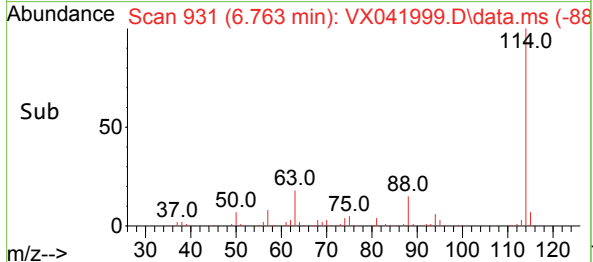
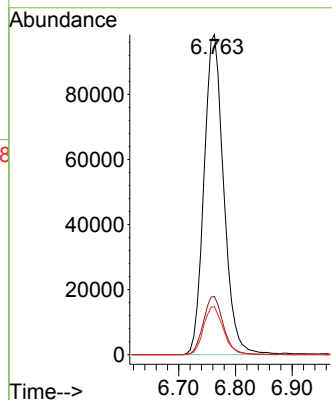
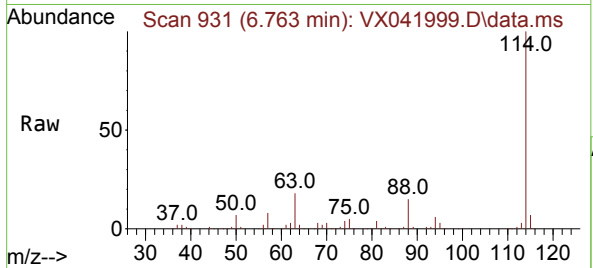




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

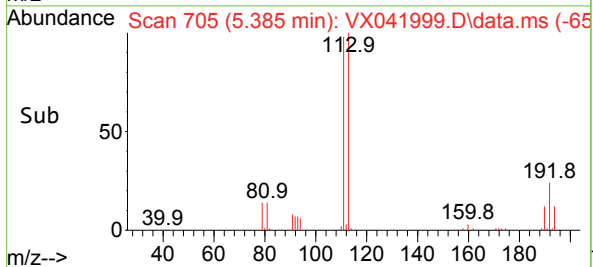
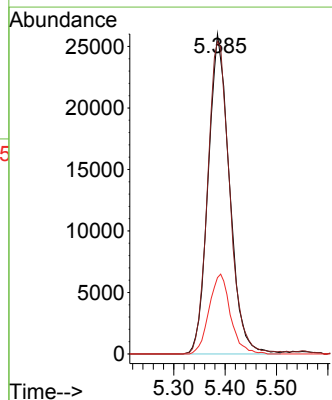
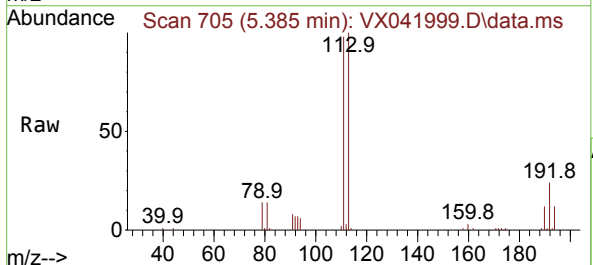
Instrument :
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VX0624WBL02

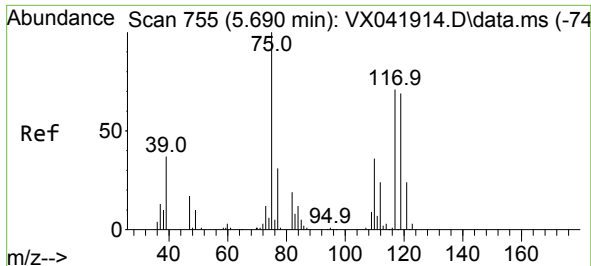
Tgt Ion:114 Resp: 237716
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.444 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

Tgt Ion:113 Resp: 74964
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 25.0 13.3 19.9#

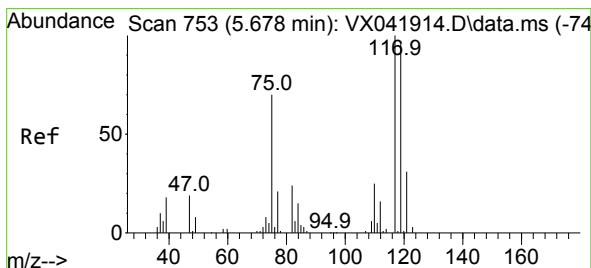
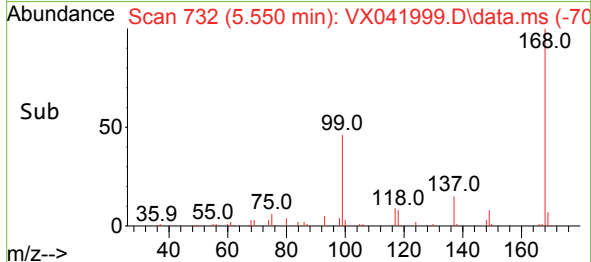
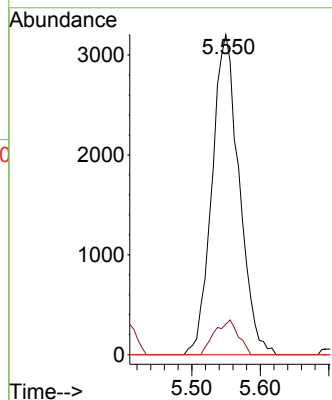
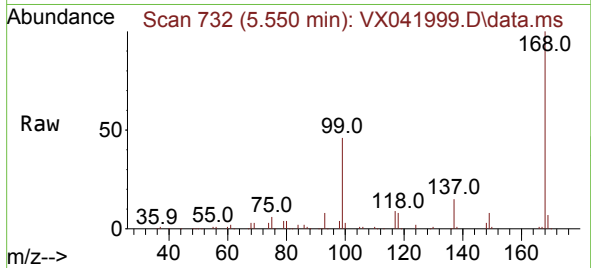




#36
1,1-Dichloropropene
Concen: 4.928 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

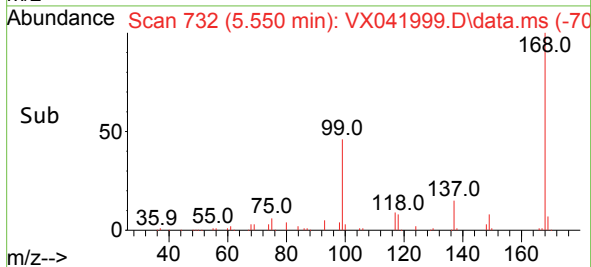
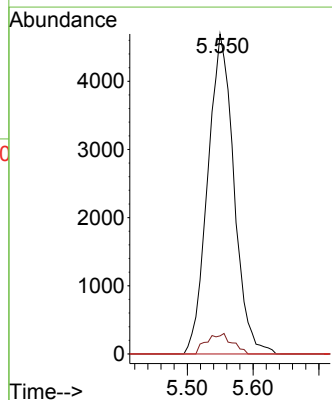
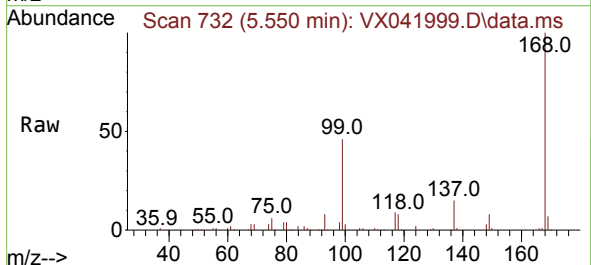
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL02

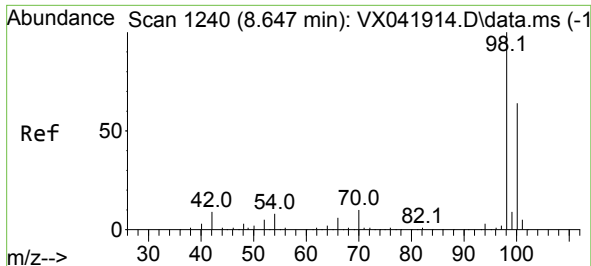
Tgt Ion: 75 Resp: 8826
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.564 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

Tgt Ion: 117 Resp: 12990
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#

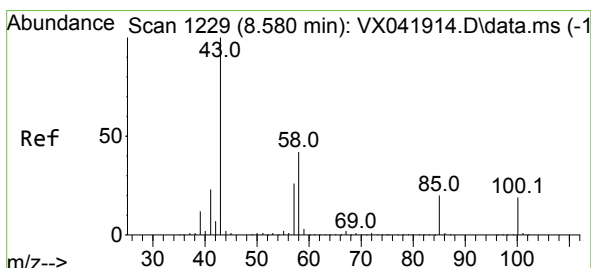
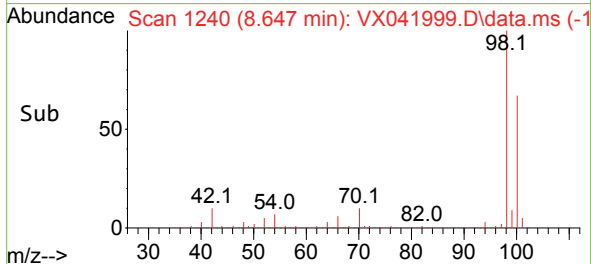
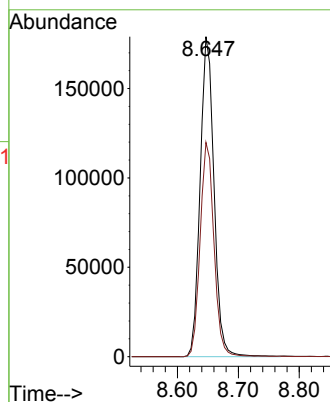
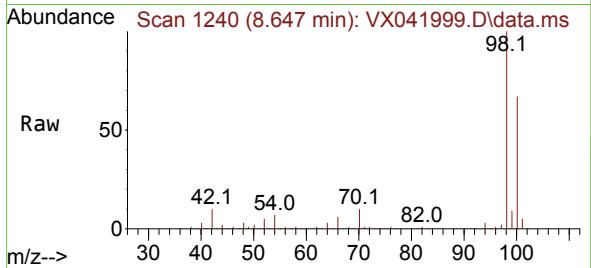




#50
Toluene-d8
Concen: 47.661 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

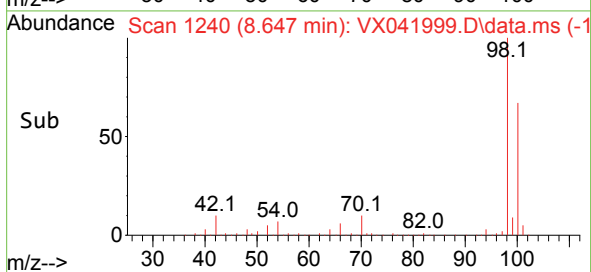
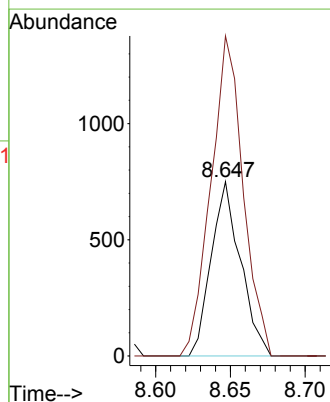
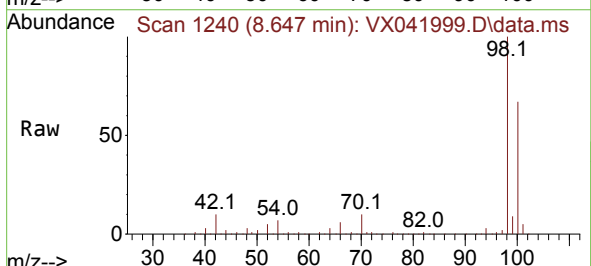
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL02

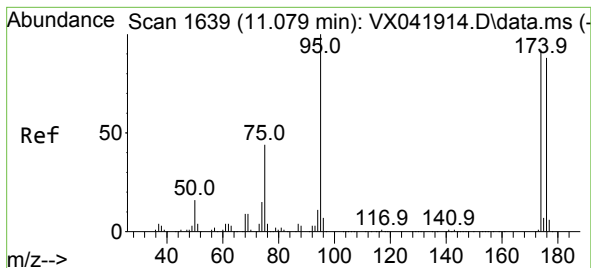
Tgt Ion: 98 Resp: 282419
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.415 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
58 201.9 30.4 45.6#

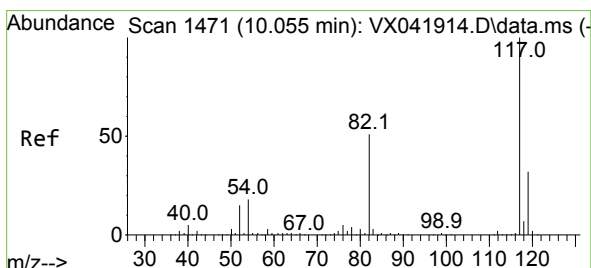
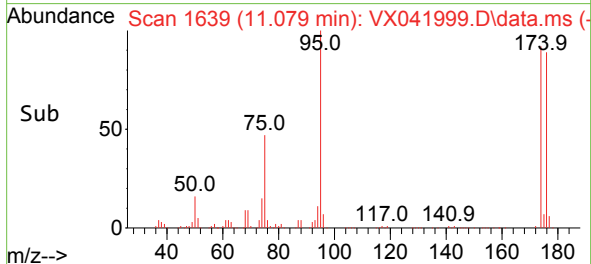
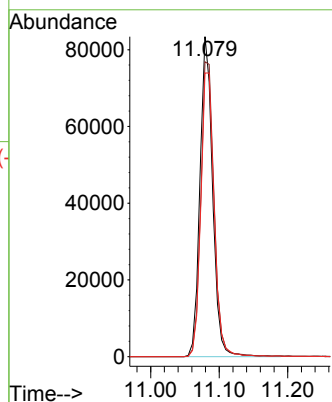
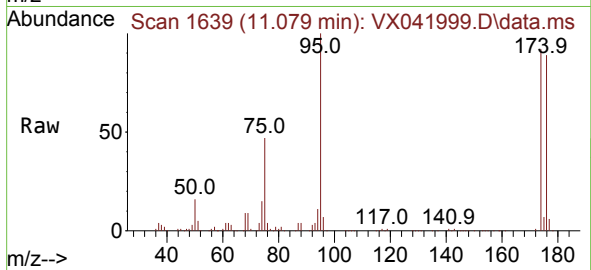




#62
4-Bromofluorobenzene
Concen: 49.120 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

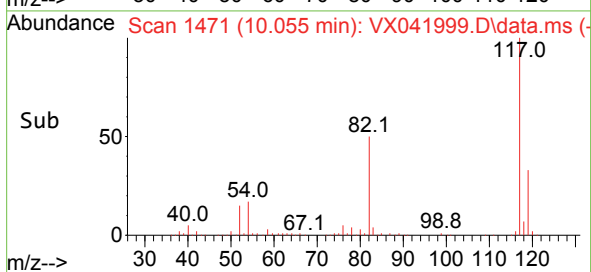
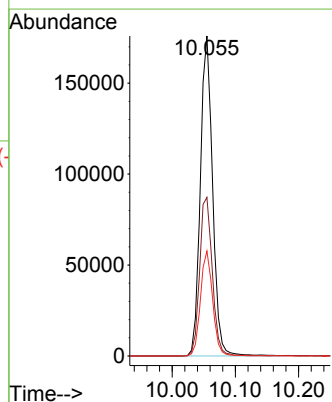
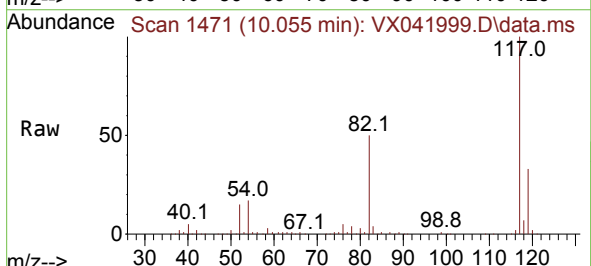
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL02

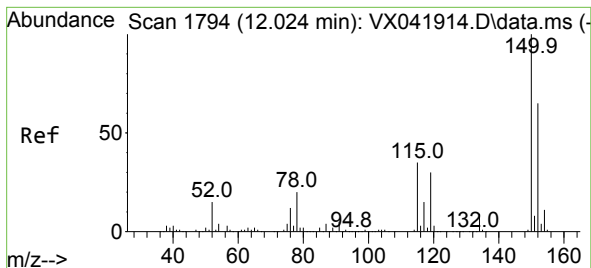
Tgt Ion: 95 Resp: 107293
Ion Ratio Lower Upper
95 100
174 97.7 0.0 135.6
176 93.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

Tgt Ion: 117 Resp: 237872
Ion Ratio Lower Upper
117 100
82 49.6 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: VX041999.D

Acq: 24 Jun 2024 13:00

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBL02

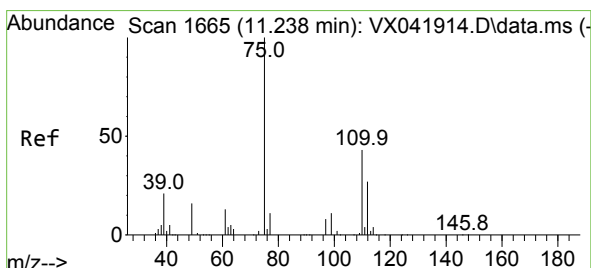
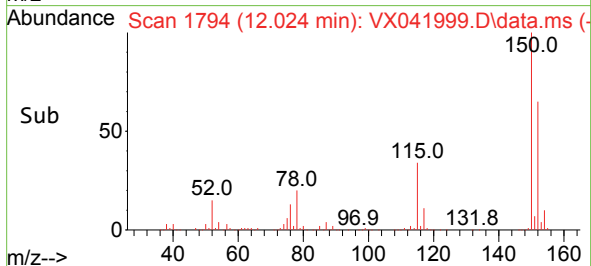
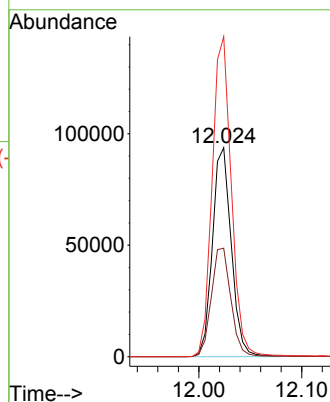
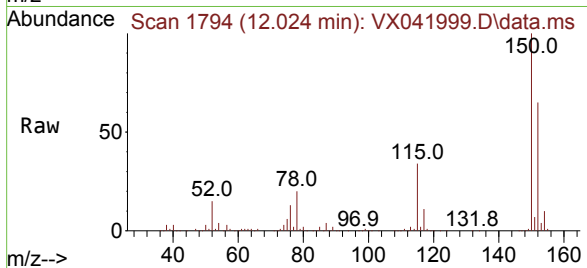
Tgt Ion:152 Resp: 119667

Ion Ratio Lower Upper

152 100

115 54.2 43.3 129.9

150 156.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.720 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041999.D

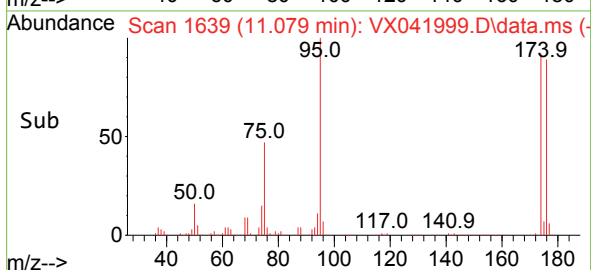
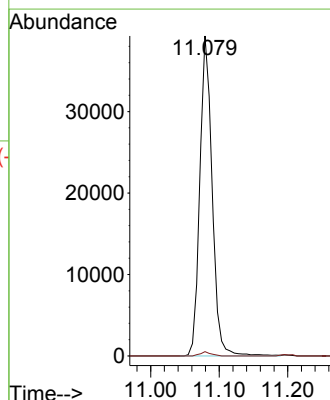
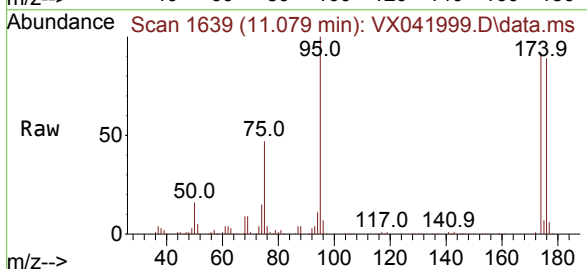
Acq: 24 Jun 2024 13:00

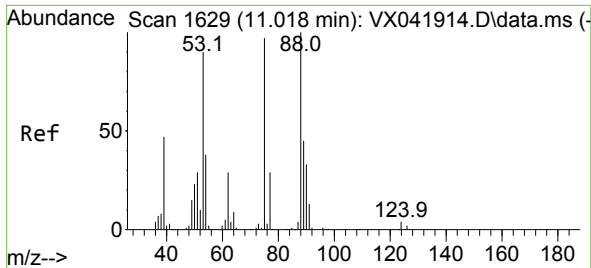
Tgt Ion: 75 Resp: 49358

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

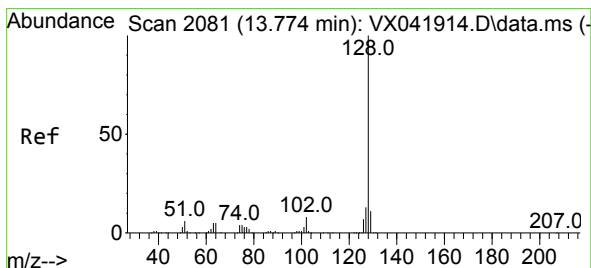
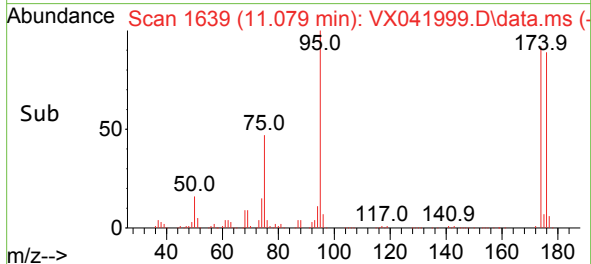
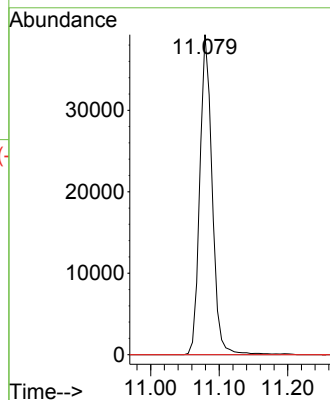
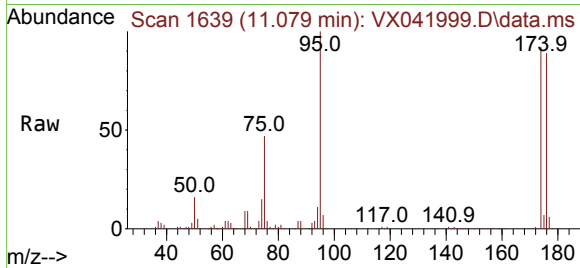




#81
trans-1,4-Dichloro-2-butene
Concen: 64.523 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL02

Tgt Ion: 75 Resp: 49358
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.867 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX041999.D
Acq: 24 Jun 2024 13:00

Tgt Ion: 128 Resp: 1042
Ion Ratio Lower Upper
128 100
127 8.0 10.3 15.5#
129 0.0 8.8 13.2#

