

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
 Data File : VX041764.D
 Acq On : 06 Jun 2024 10:00
 Operator : JC/MD
 Sample : VX0606MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 00:55:57 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)

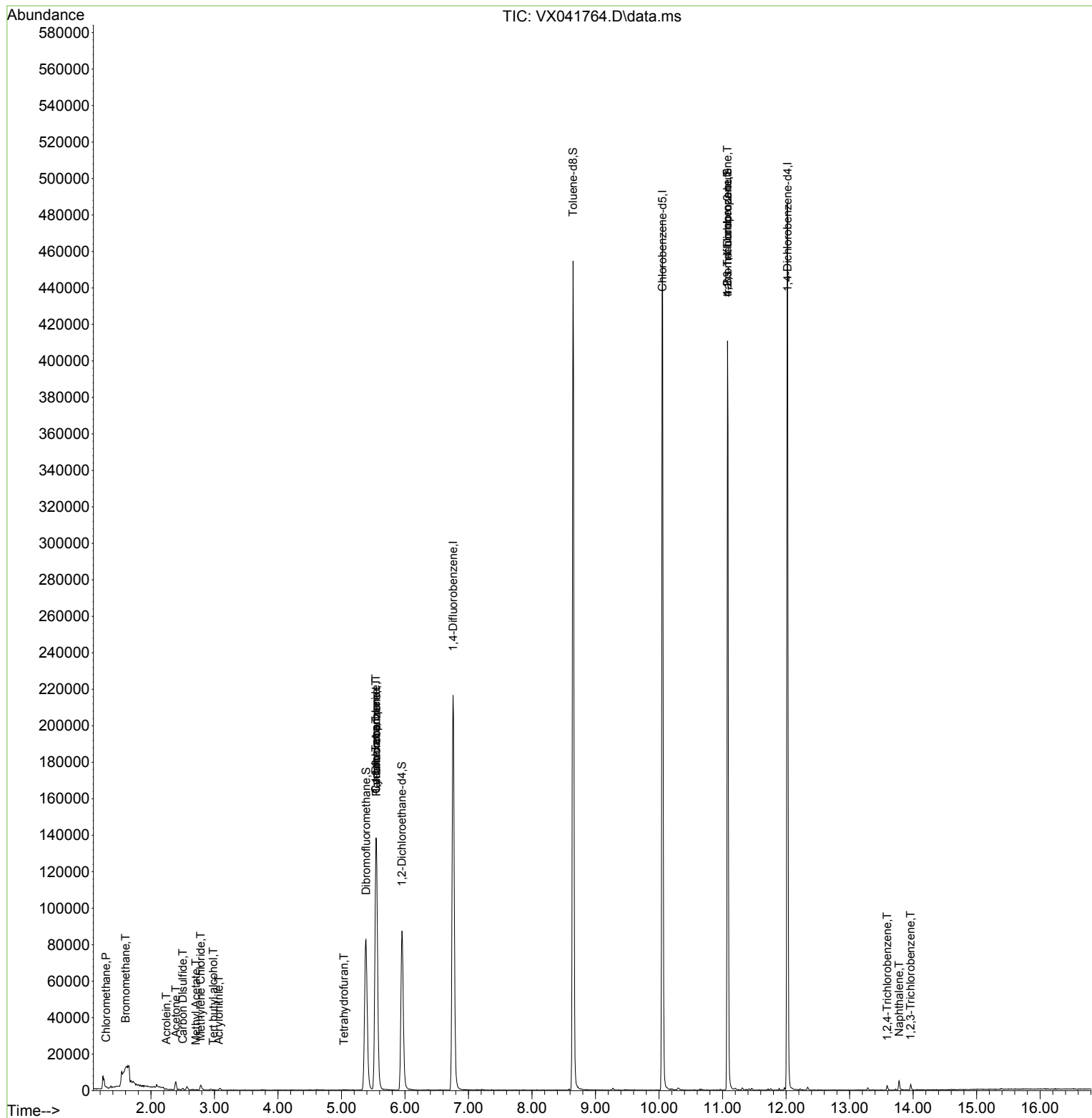
Internal Standards						
1) Pentafluorobenzene	5.550	168	147974	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	230477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86819	47.838	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.680%
35) Dibromofluoromethane	5.385	113	72746	45.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.300%
50) Toluene-d8	8.647	98	272906	49.014	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	102271	49.767	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.540%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	605	0.426	ug/l	# 86
5) Bromomethane	1.599	94	567	0.557	ug/l	# 76
11) Tert butyl alcohol	2.983	59	282	0.878	ug/l	# 78
13) Acrolein	2.239	56	183	0.612	ug/l	93
15) Acrylonitrile	3.068	53	491	0.624	ug/l	# 76
16) Acetone	2.392	43	4904	3.465	ug/l	94
17) Carbon Disulfide	2.501	76	1097	0.376	ug/l	# 75
18) Methyl Acetate	2.709	43	359	0.207	ug/l	# 65
20) Methylene Chloride	2.782	84	1346	0.829	ug/l	96
29) Tetrahydrofuran	5.037	42	366	0.515	ug/l	# 34
31) Cyclohexane	5.543	56	2686	1.254	ug/l	# 1
36) 1,1-Dichloropropene	5.543	75	9664	5.009	ug/l	# 51
38) Carbon Tetrachloride	5.543	117	13212	6.027	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	52311	26.801	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	52311	73.047	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	897	0.365	ug/l	97
95) Naphthalene	13.780	128	4264	0.588	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1037	0.410	ug/l	97

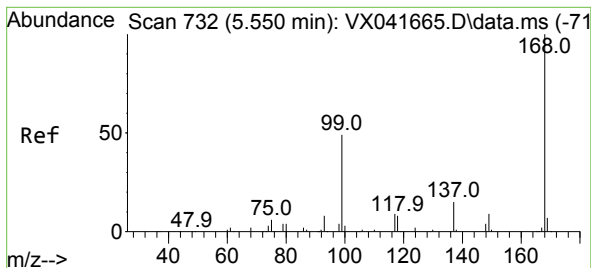
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 07 00:55:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
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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: VX041764.D

Acq: 06 Jun 2024 10:00

Instrument :

MSVOA_X

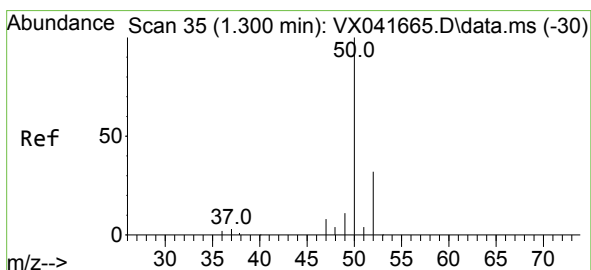
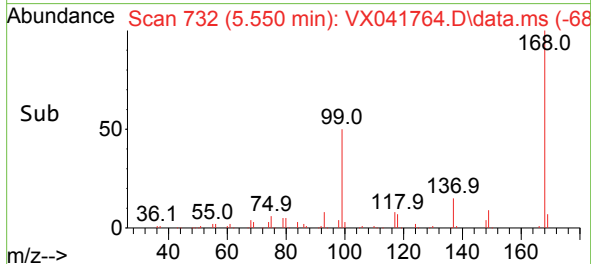
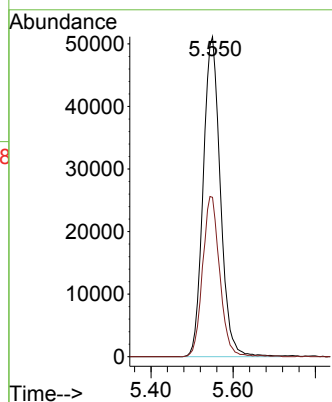
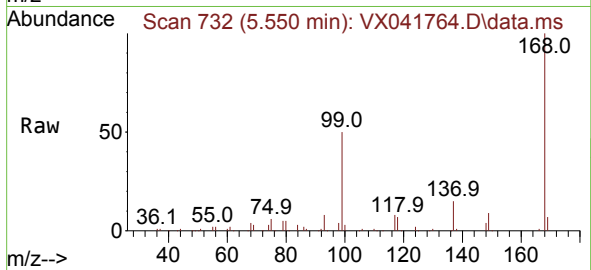
ClientSampleId :

Tgt Ion:168 Resp: 147974

Ion Ratio Lower Upper

168 100

99 49.8 56.6 85.0#



#3

Chloromethane

Concen: 0.426 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX041764.D

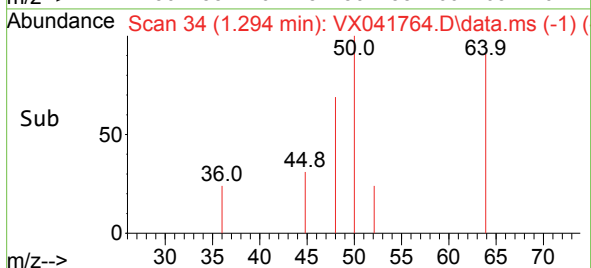
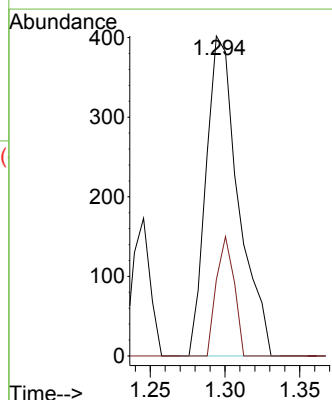
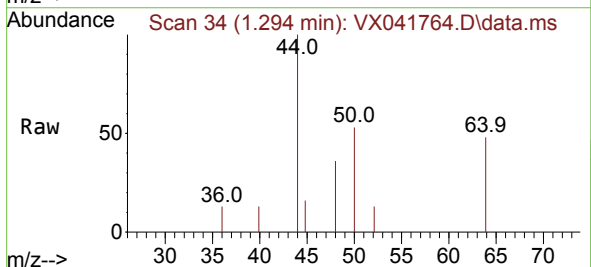
Acq: 06 Jun 2024 10:00

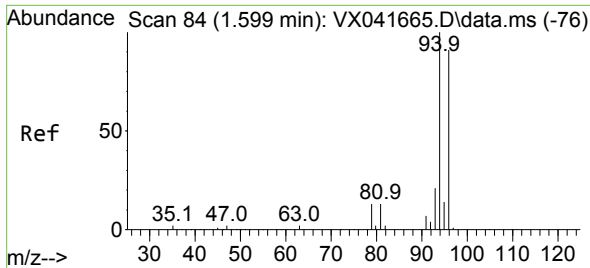
Tgt Ion: 50 Resp: 605

Ion Ratio Lower Upper

50 100

52 23.9 25.5 38.3#

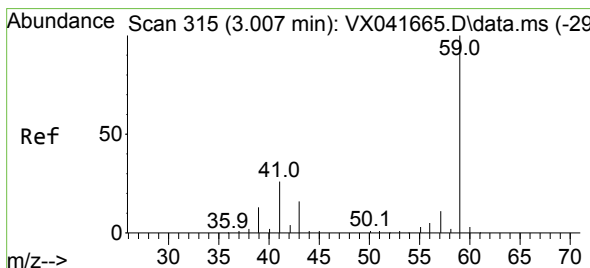
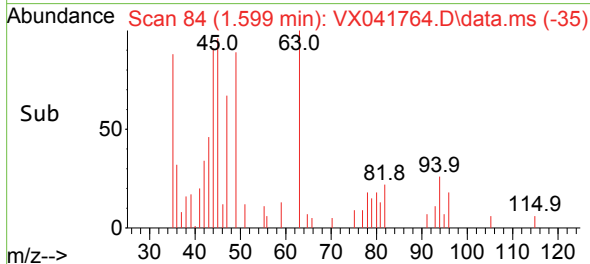
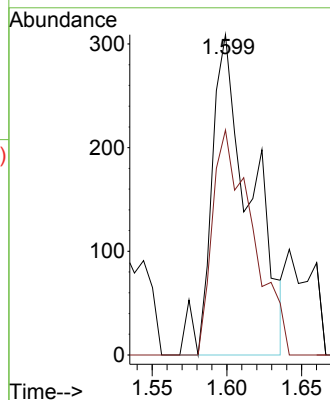
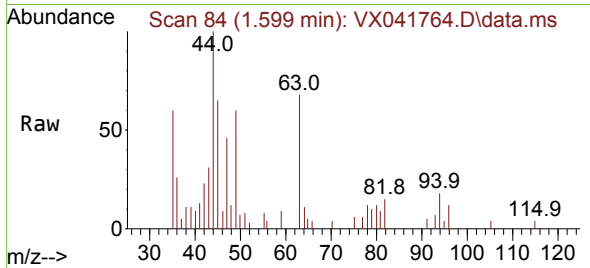




#5
Bromomethane
Concen: 0.557 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

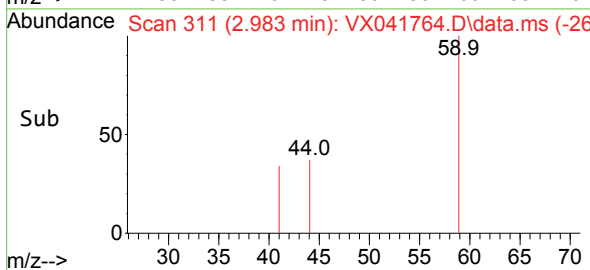
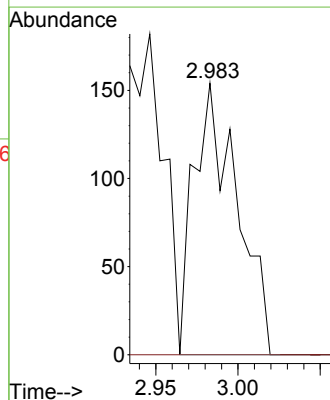
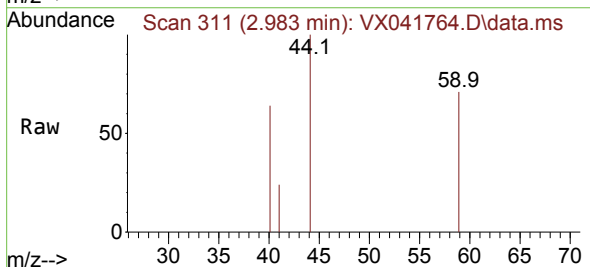
Instrument :
MSVOA_X
ClientSampleId :

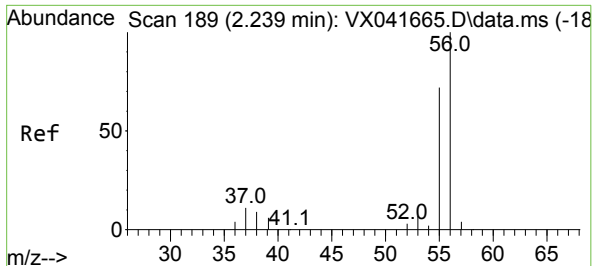
Tgt Ion: 94 Resp: 567
Ion Ratio Lower Upper
94 100
96 70.2 74.6 111.8#



#11
Tert butyl alcohol
Concen: 0.878 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

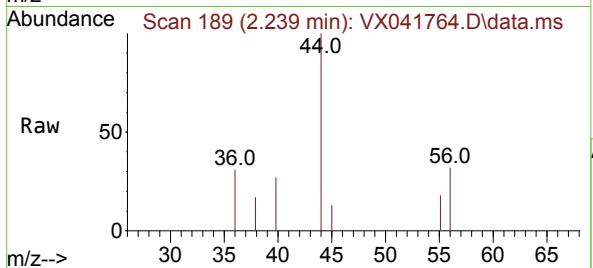
Tgt Ion: 59 Resp: 282
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



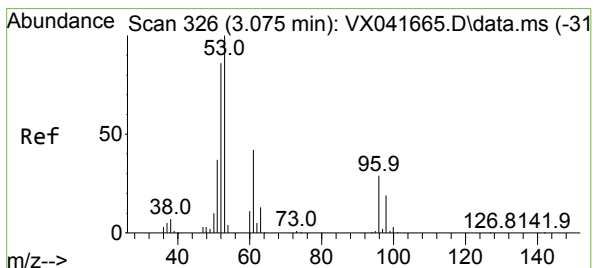
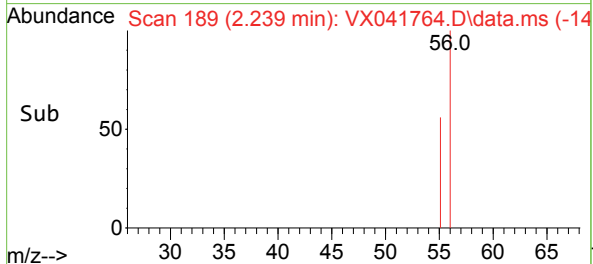
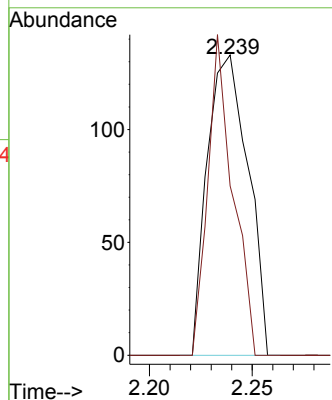


#13
Acrolein
Concen: 0.612 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :

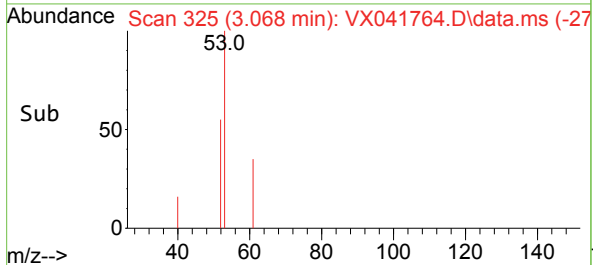
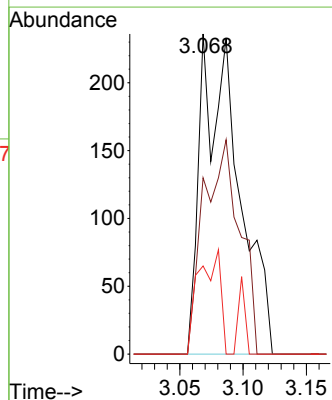
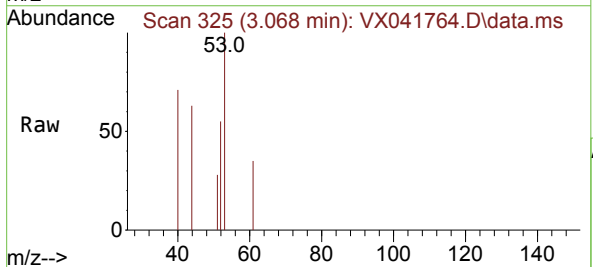


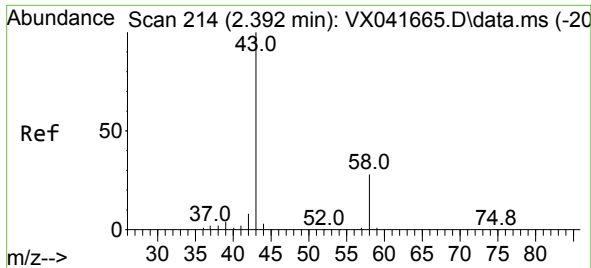
Tgt Ion: 56 Resp: 183
Ion Ratio Lower Upper
56 100
55 65.6 57.1 85.7



#15
Acrylonitrile
Concen: 0.624 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.006 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

Tgt Ion: 53 Resp: 491
Ion Ratio Lower Upper
53 100
52 64.0 66.0 99.0#
51 18.9 29.8 44.6#





#16

Acetone

Concen: 3.465 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041764.D

Acq: 06 Jun 2024 10:00

Instrument :

MSVOA_X

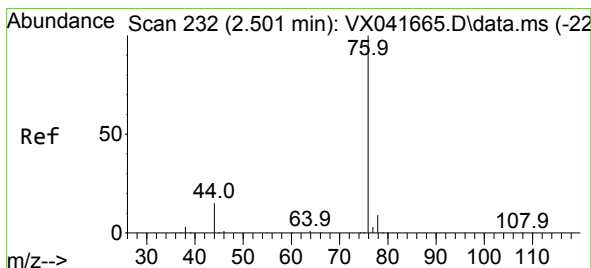
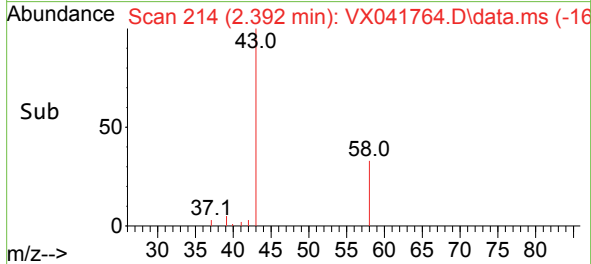
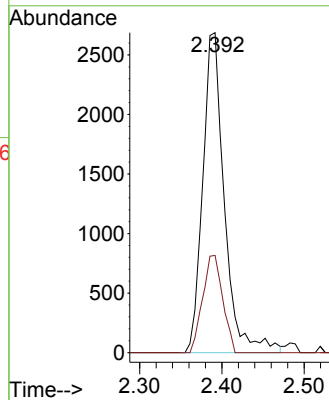
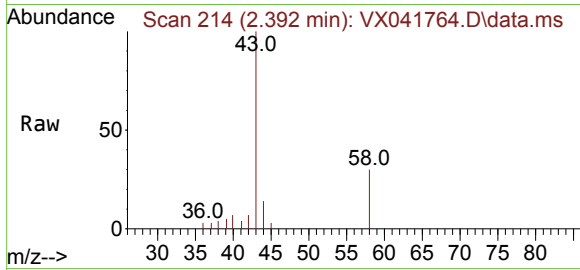
ClientSampleId :

Tgt Ion: 43 Resp: 4904

Ion Ratio Lower Upper

43 100

58 30.4 21.9 32.9



#17

Carbon Disulfide

Concen: 0.376 ug/l

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX041764.D

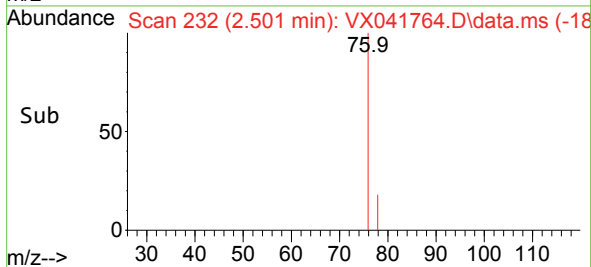
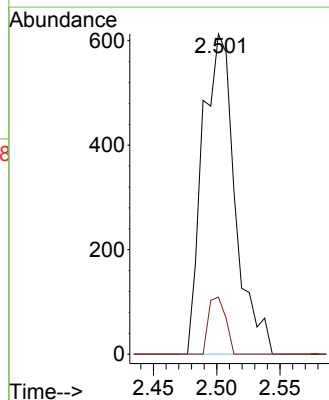
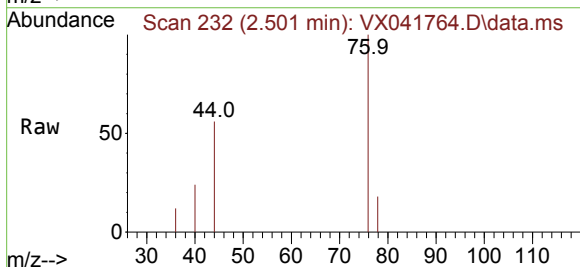
Acq: 06 Jun 2024 10:00

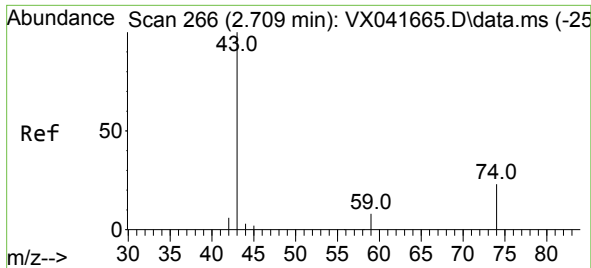
Tgt Ion: 76 Resp: 1097

Ion Ratio Lower Upper

76 100

78 17.8 7.0 10.6#

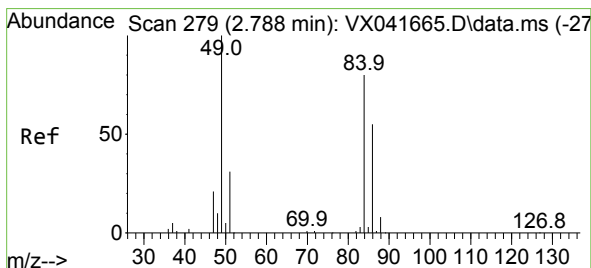
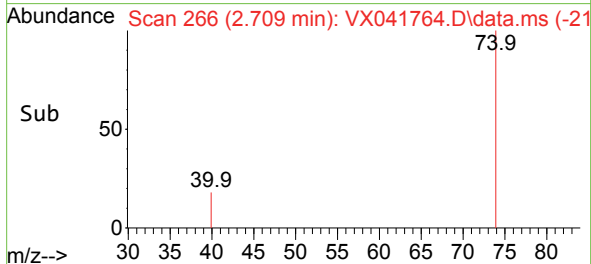
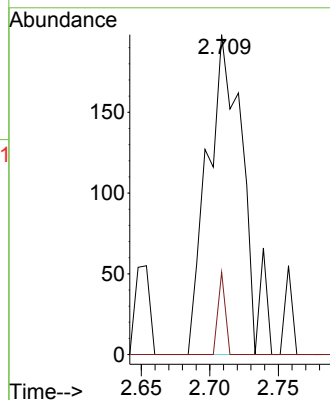
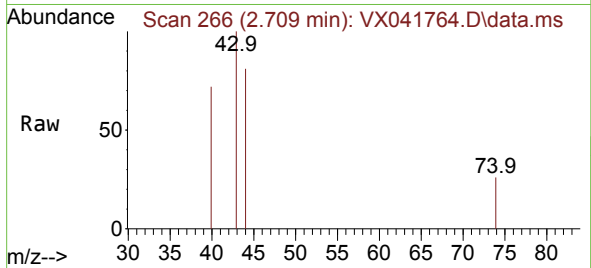




#18
Methyl Acetate
Concen: 0.207 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

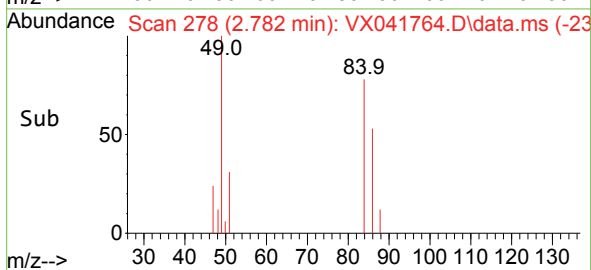
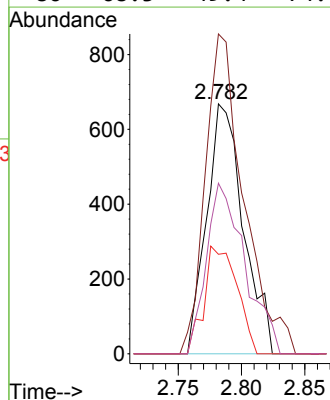
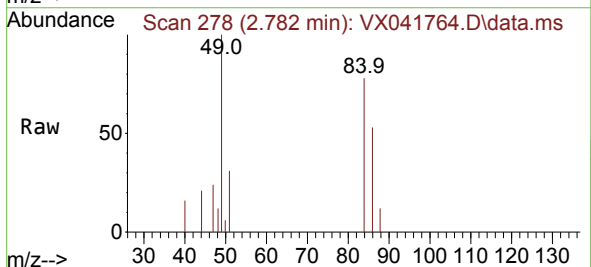
Instrument :
MSVOA_X
ClientSampleId :

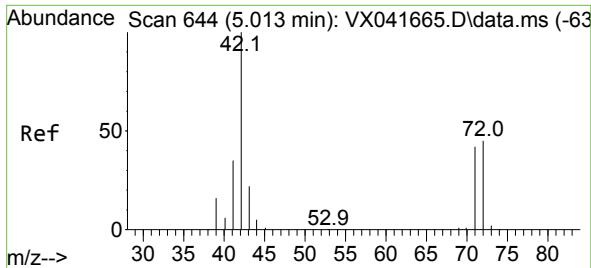
Tgt Ion: 43 Resp: 359
Ion Ratio Lower Upper
43 100
74 5.3 17.8 26.8#



#20
Methylene Chloride
Concen: 0.829 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

Tgt Ion: 84 Resp: 1346
Ion Ratio Lower Upper
84 100
49 128.0 103.6 155.4
51 39.8 33.8 50.6
86 68.3 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.515 ug/l

RT: 5.037 min Scan# 644

Delta R.T. 0.024 min

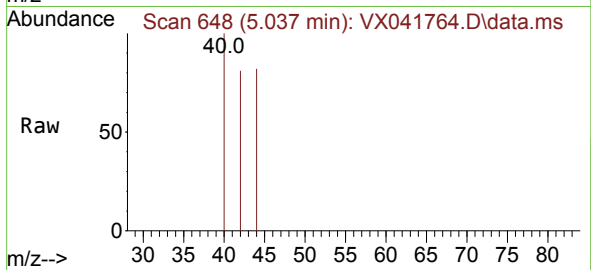
Lab File: VX041764.D

Acq: 06 Jun 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :



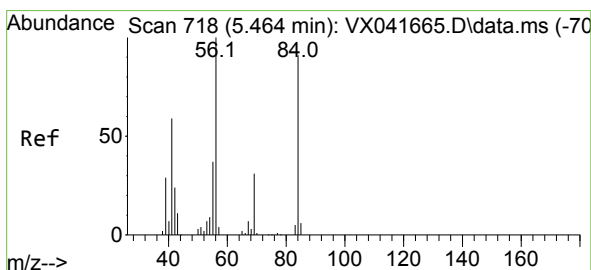
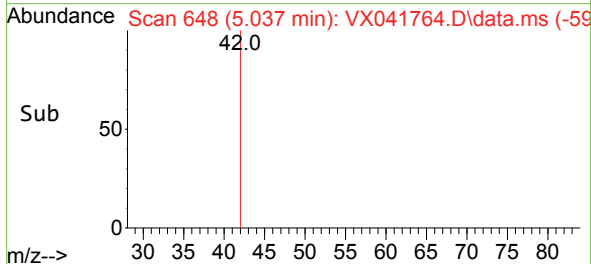
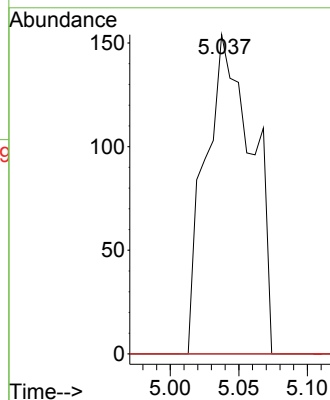
Tgt Ion: 42 Resp: 366

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.254 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX041764.D

Acq: 06 Jun 2024 10:00

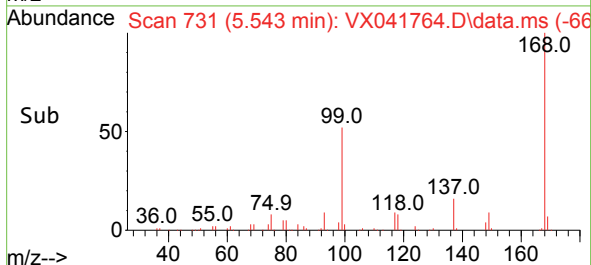
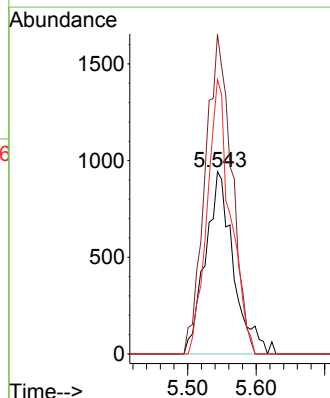
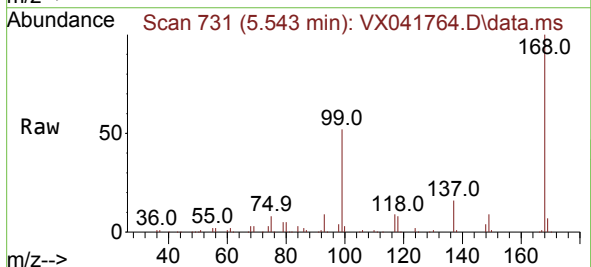
Tgt Ion: 56 Resp: 2686

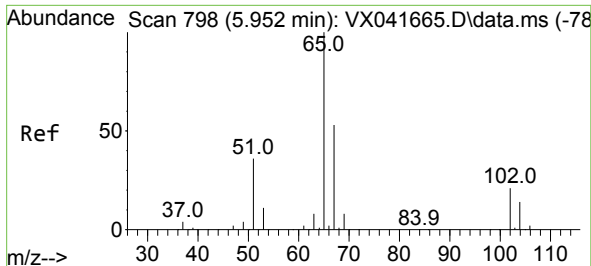
Ion Ratio Lower Upper

56 100

69 175.5 23.4 35.2#

84 150.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.838 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041764.D

Acq: 06 Jun 2024 10:00

Instrument :

MSVOA_X

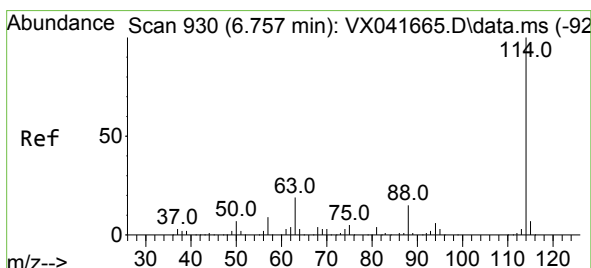
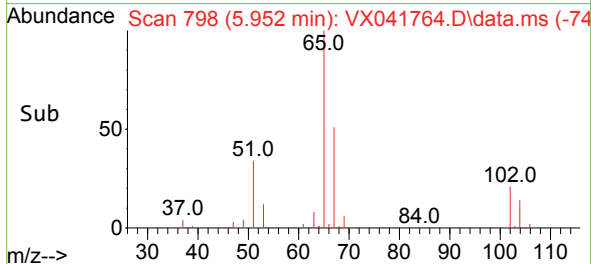
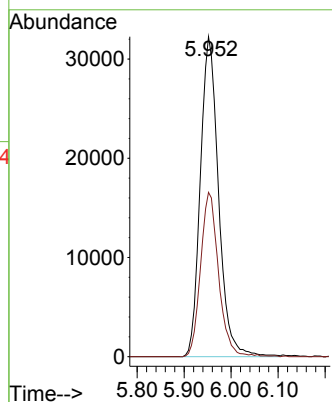
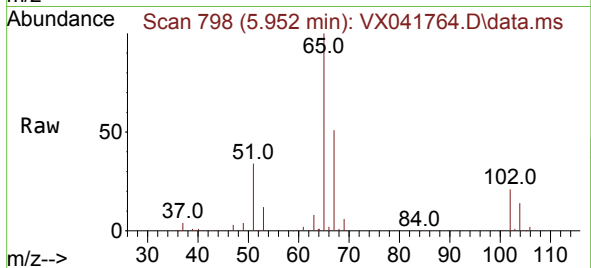
ClientSampleId :

Tgt Ion: 65 Resp: 86819

Ion Ratio Lower Upper

65 100

67 50.8 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: VX041764.D

Acq: 06 Jun 2024 10:00

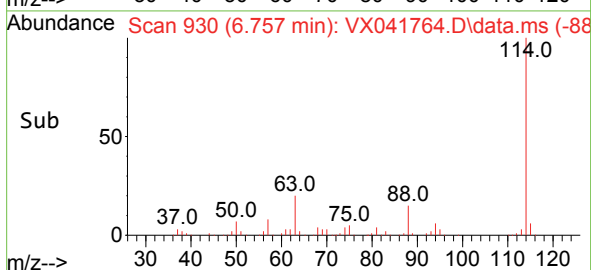
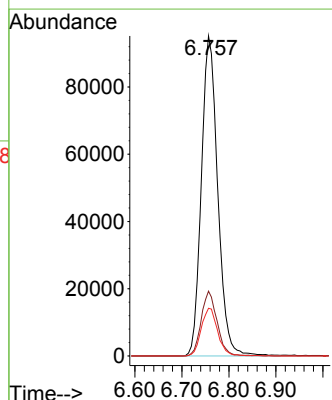
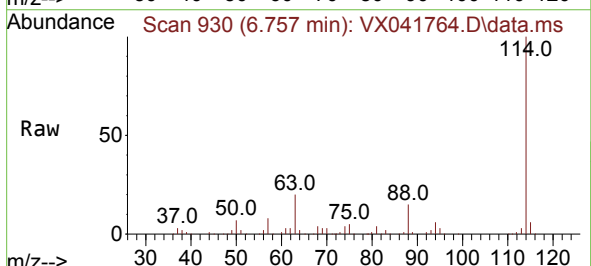
Tgt Ion: 114 Resp: 230477

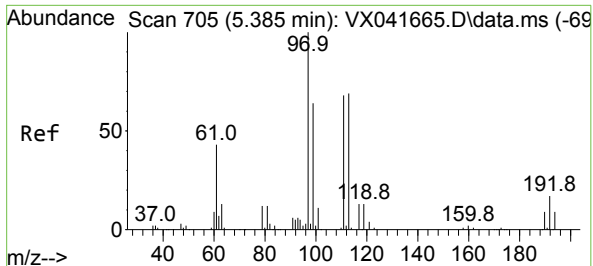
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 14.9 0.0 36.6

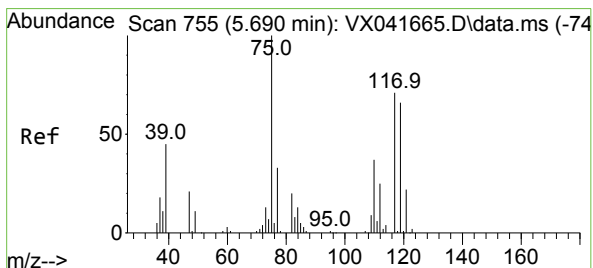
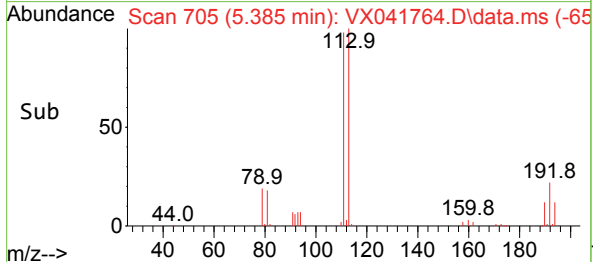
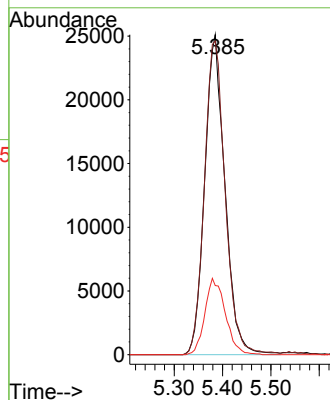
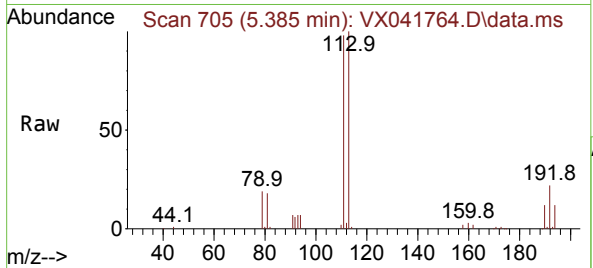




#35
Dibromofluoromethane
Concen: 45.652 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

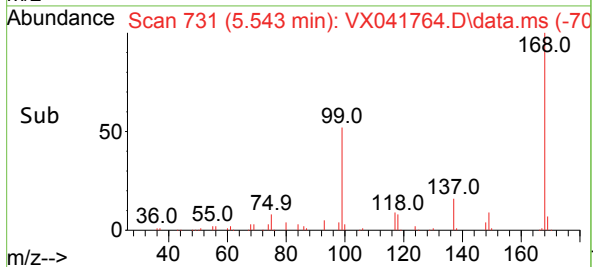
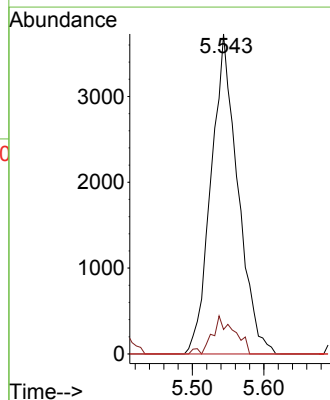
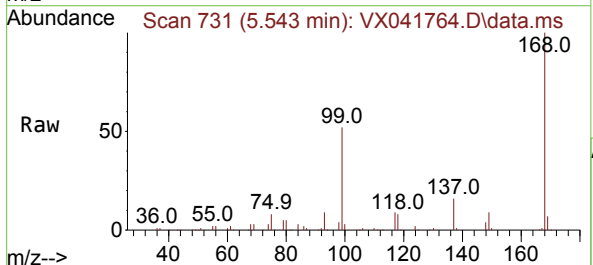
Instrument :
MSVOA_X
ClientSampleId :

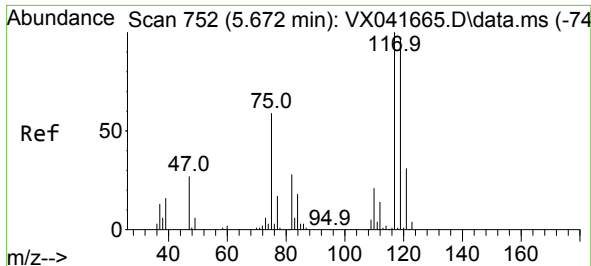
Tgt Ion:113 Resp: 72746
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 24.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

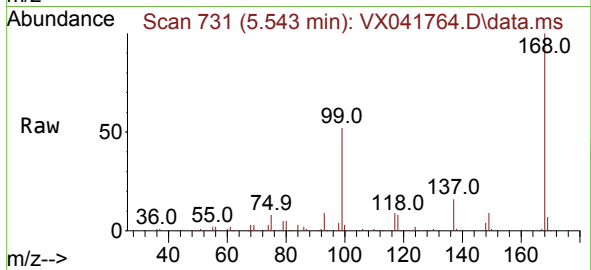
Tgt Ion: 75 Resp: 9664
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



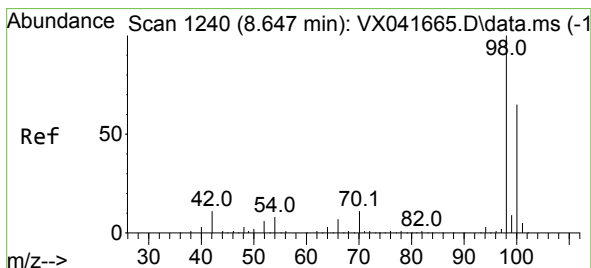
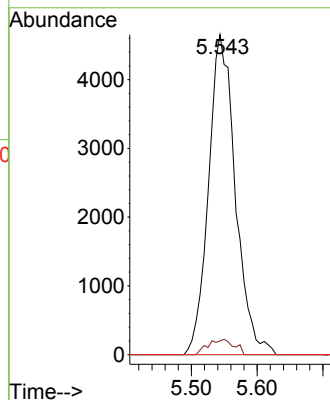
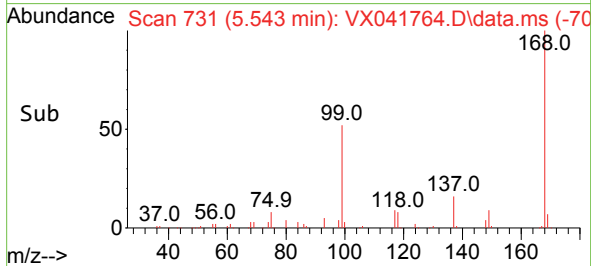


#38
Carbon Tetrachloride
Concen: 6.027 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

Instrument :
MSVOA_X
ClientSampleId :

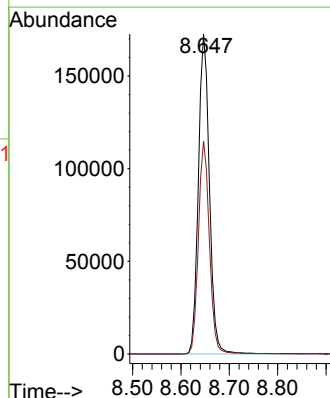
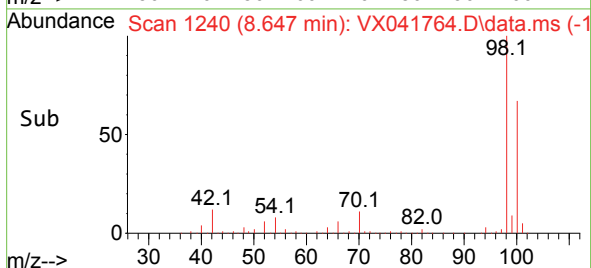
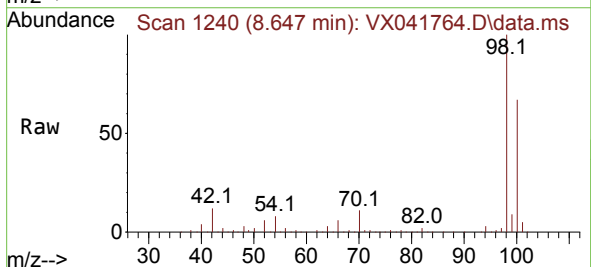


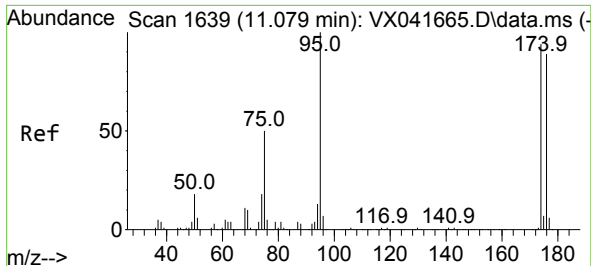
Tgt Ion:117 Resp: 13212
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.014 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

Tgt Ion: 98 Resp: 272906
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

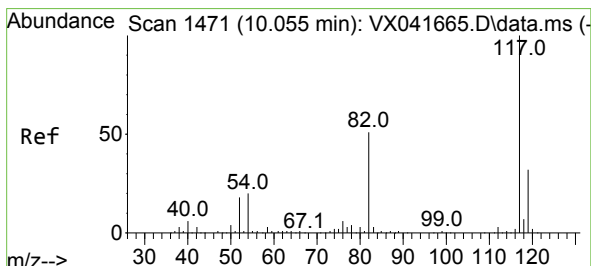
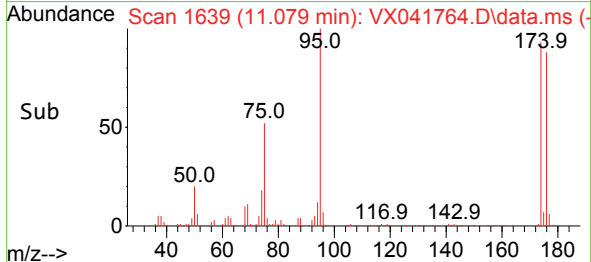
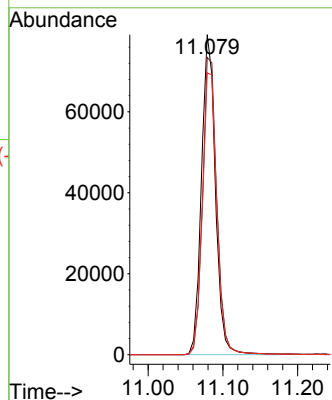
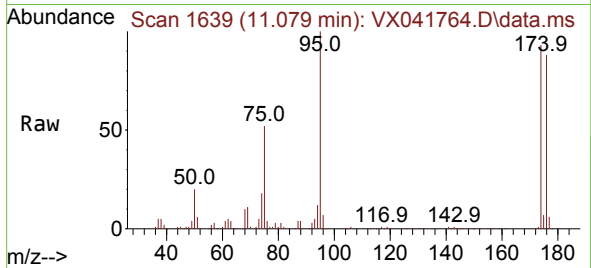




#62
4-Bromofluorobenzene
Concen: 49.767 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

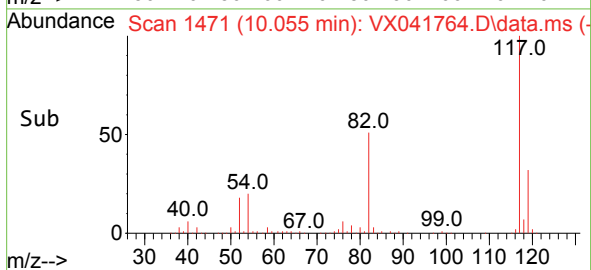
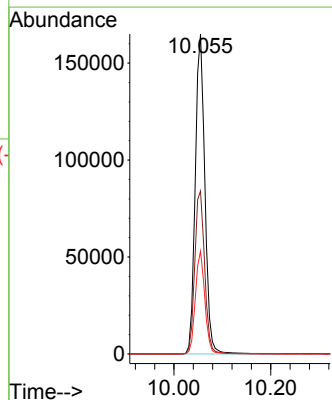
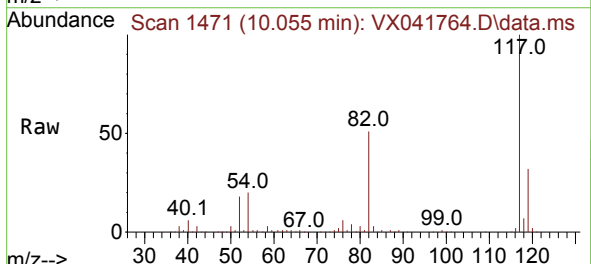
Instrument :
MSVOA_X
ClientSampleId :

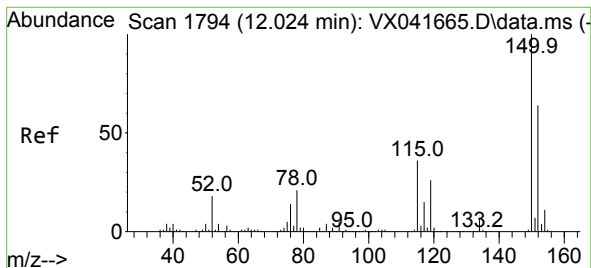
Tgt Ion: 95 Resp: 102271
Ion Ratio Lower Upper
95 100
174 95.8 0.0 135.6
176 91.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

Tgt Ion: 117 Resp: 227452
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.1 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: VX041764.D

Acq: 06 Jun 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

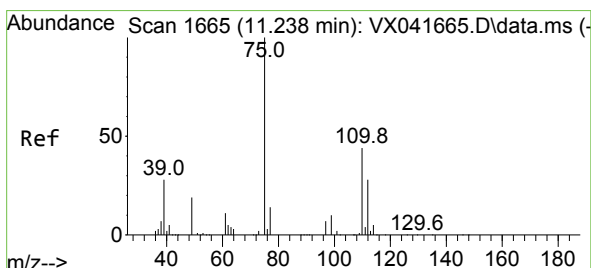
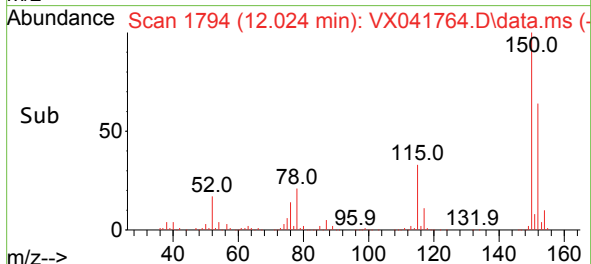
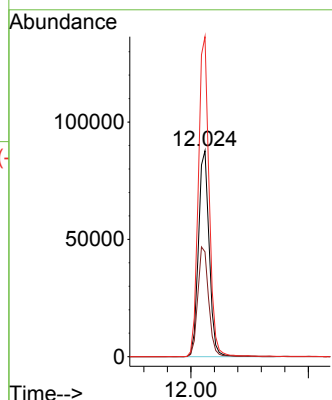
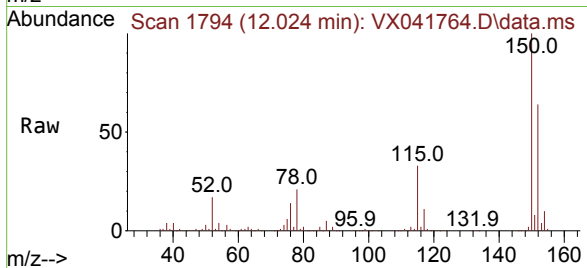
Tgt Ion:152 Resp: 111865

Ion Ratio Lower Upper

152 100

115 54.0 43.3 129.9

150 155.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.801 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041764.D

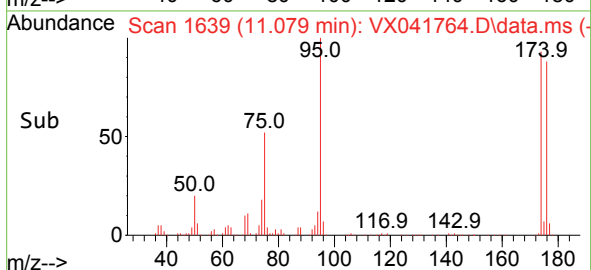
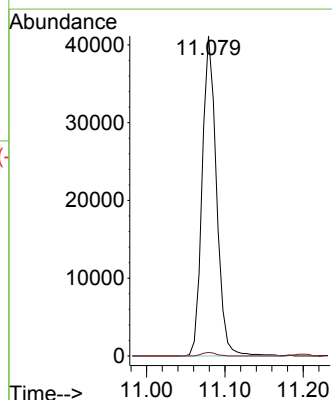
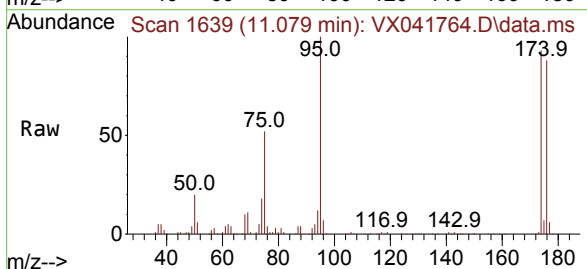
Acq: 06 Jun 2024 10:00

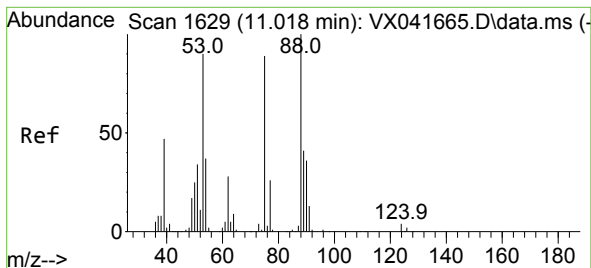
Tgt Ion: 75 Resp: 52311

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

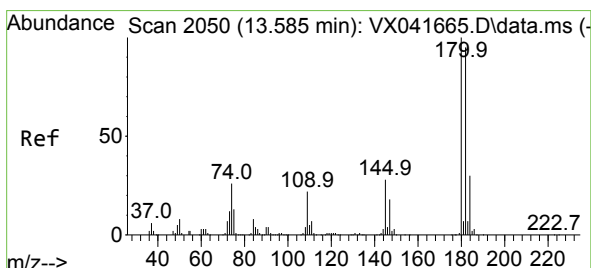
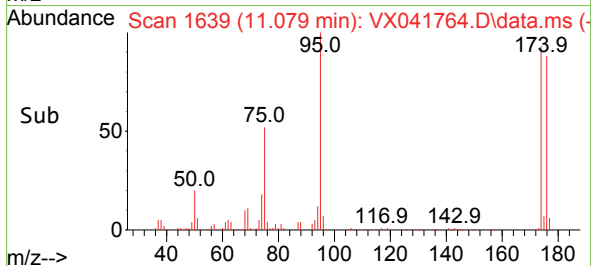
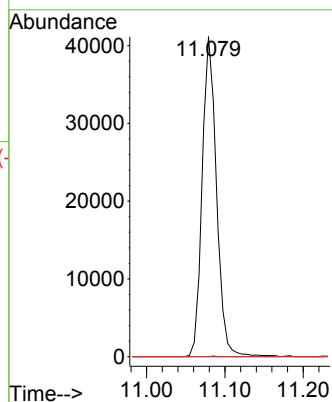
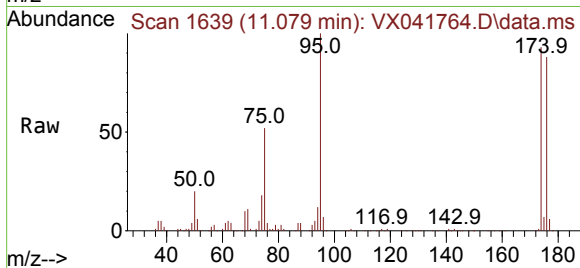




#81
trans-1,4-Dichloro-2-butene
Concen: 73.047 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

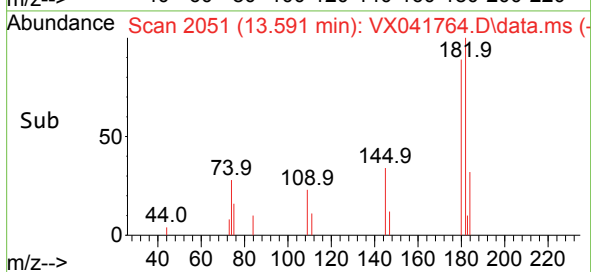
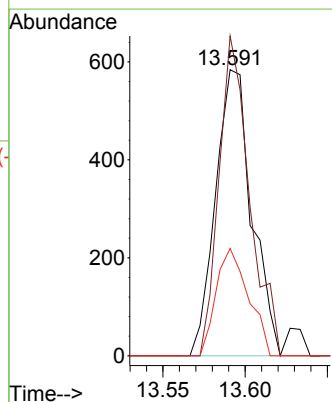
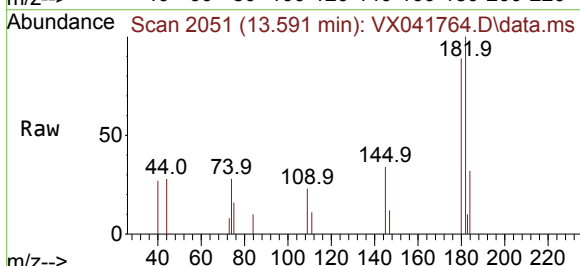
Instrument :
MSVOA_X
ClientSampleId :

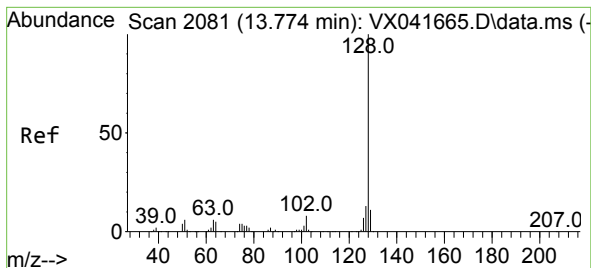
Tgt Ion: 75 Resp: 52311
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.365 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041764.D
Acq: 06 Jun 2024 10:00

Tgt Ion:180 Resp: 897
Ion Ratio Lower Upper
180 100
182 94.1 48.3 144.8
145 33.6 18.0 54.0





#95

Naphthalene

Concen: 0.588 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041764.D

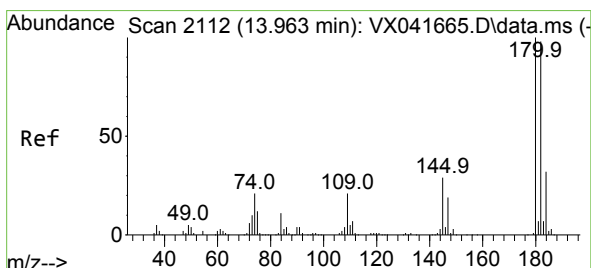
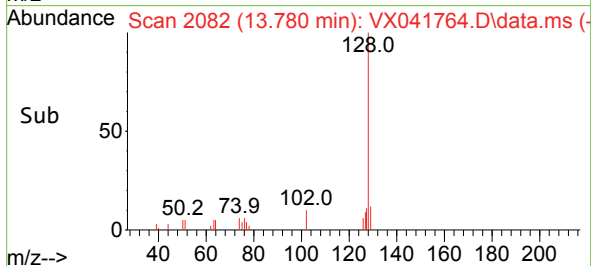
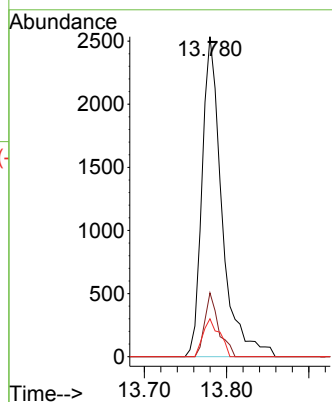
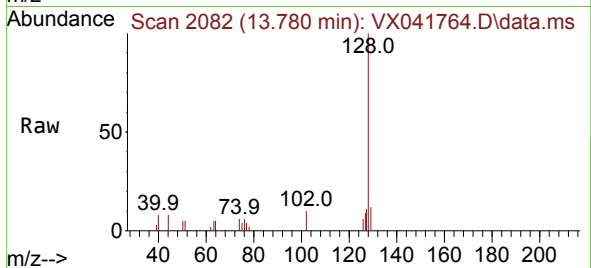
Acq: 06 Jun 2024 10:00

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	4264
Ion Ratio	Lower	Upper
128	100	
127	13.9	10.3 15.5
129	9.8	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.410 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041764.D

Acq: 06 Jun 2024 10:00

Tgt Ion:180	Resp:	1037
Ion Ratio	Lower	Upper
180	100	
182	94.4	46.9 140.6
145	29.4	17.8 53.5

