

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042025.D
 Acq On : 25 Jun 2024 12:26
 Operator : JC/MD
 Sample : P3052-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW8-20240624

Quant Time: Jun 26 05:35:40 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	5.549	168	149742	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	232415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76795	44.475	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.940%
35) Dibromofluoromethane	5.385	113	72609	44.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.060%
50) Toluene-d8	8.646	98	270260	46.650	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.300%
62) 4-Bromofluorobenzene	11.079	95	103497	48.463	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.920%

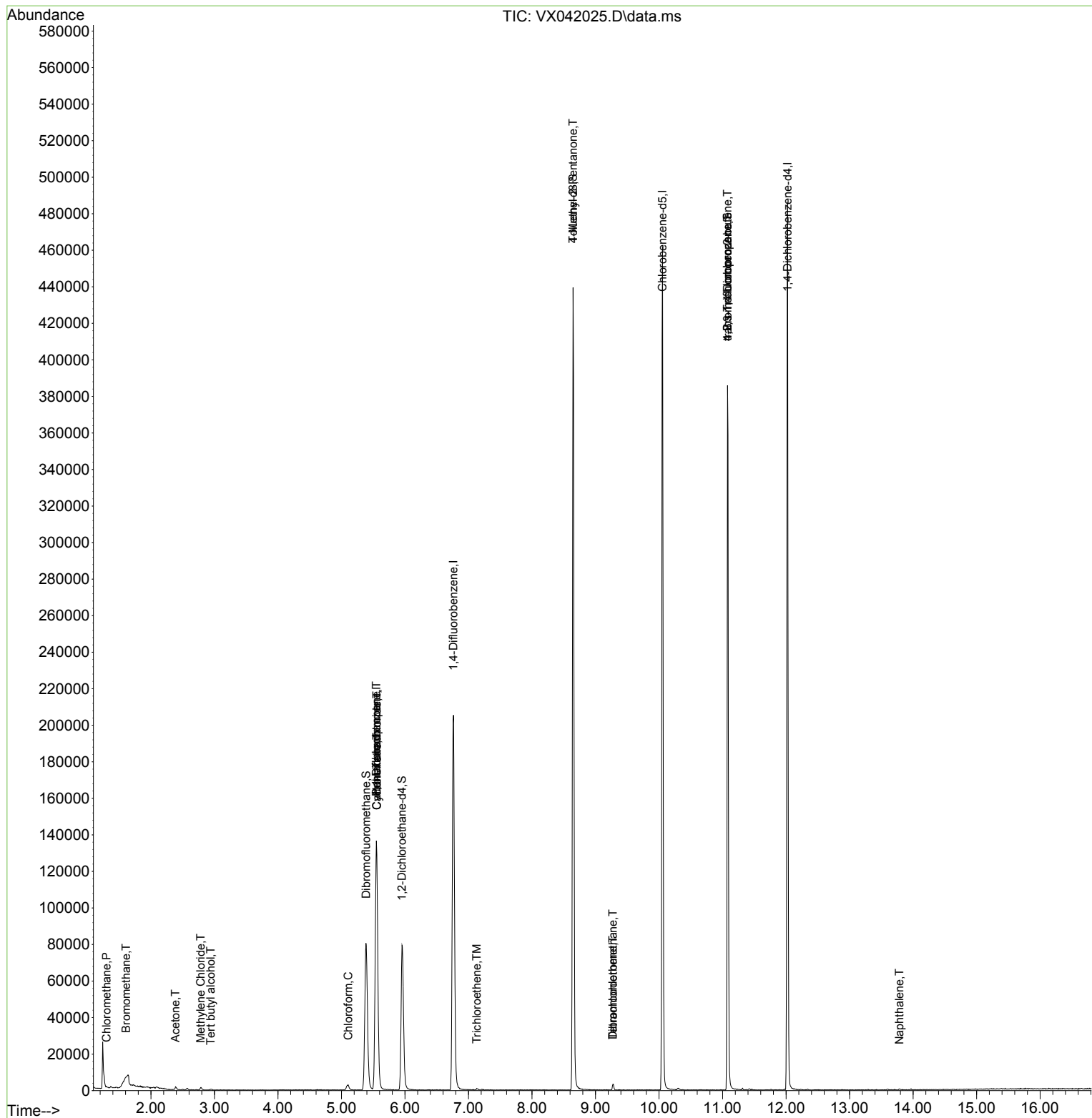
Target Compounds						Qvalue
3) Chloromethane	1.300	50	397	0.277	ug/l	98
5) Bromomethane	1.605	94	387	0.546	ug/l	# 55
6) Chloroethane	1.642	64	168	Below Cal	#	35
11) Tert butyl alcohol	2.940	59	322	0.983	ug/l	# 78
16) Acetone	2.385	43	1855	2.447	ug/l	# 84
20) Methylene Chloride	2.782	84	745	0.449	ug/l	# 76
30) Chloroform	5.104	83	3814	1.510	ug/l	96
31) Cyclohexane	5.555	56	2091	1.035	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	8822	5.038	ug/l	# 51
38) Carbon Tetrachloride	5.555	117	12760	6.595	ug/l	# 14
44) Trichloroethene	7.128	130	385	0.243	ug/l	67
51) 4-Methyl-2-Pentanone	8.646	43	983	0.408	ug/l	# 1
60) Dibromochloromethane	9.274	129	632	0.371	ug/l	# 11
64) Tetrachloroethene	9.274	164	755	0.449	ug/l	# 77
76) 1,2,3-Trichloropropane	11.079	75	47809	22.524	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47809	63.965	ug/l	# 5
95) Naphthalene	13.786	128	870	0.850	ug/l	# 79

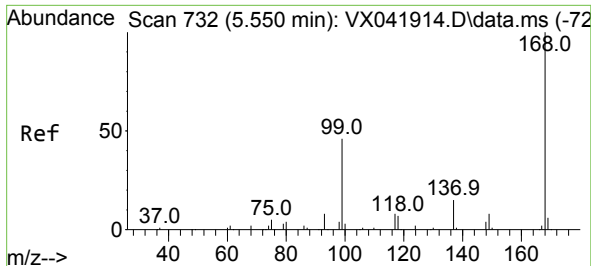
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
Data File : VX042025.D
Acq On : 25 Jun 2024 12:26
Operator : JC/MD
Sample : P3052-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW8-20240624

Quant Time: Jun 26 05:35:40 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

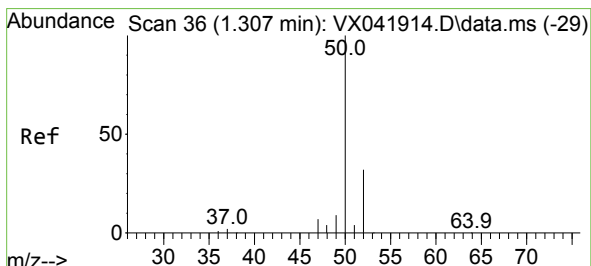
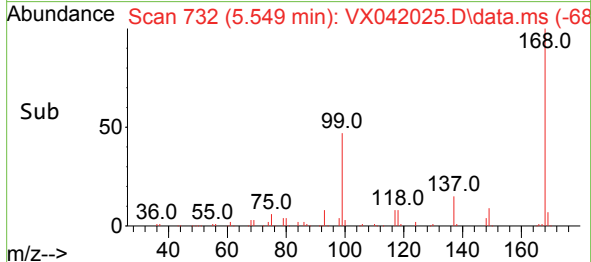
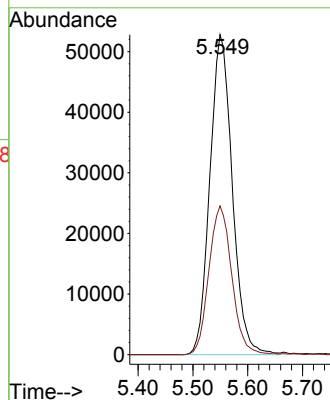
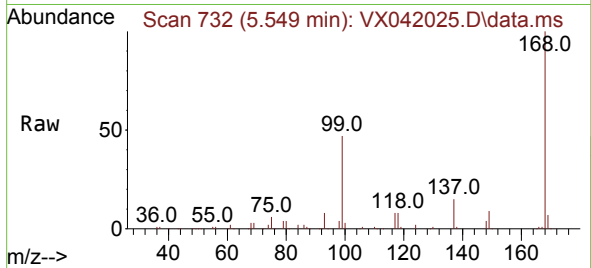




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

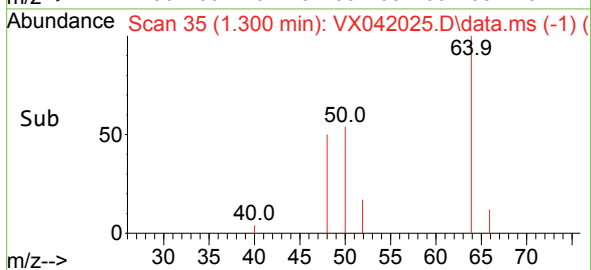
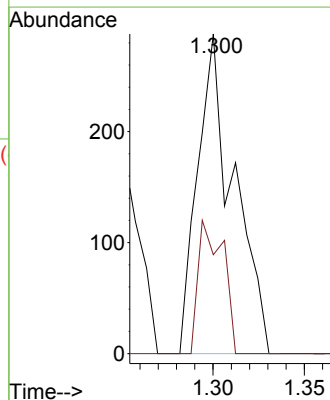
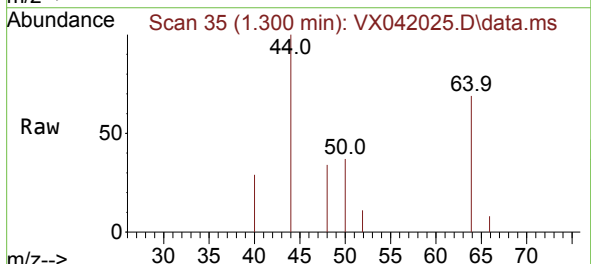
Instrument :
MSVOA_X
ClientSampleId :
MW8-20240624

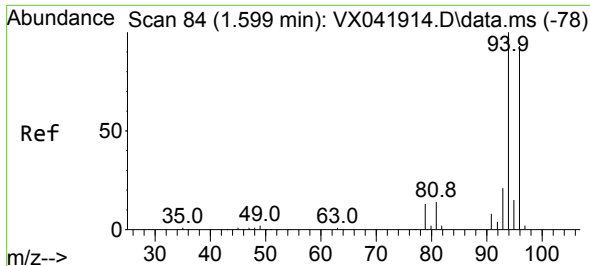
Tgt Ion:168 Resp: 149742
Ion Ratio Lower Upper
168 100
99 46.5 56.6 85.0#



#3
Chloromethane
Concen: 0.277 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Tgt Ion: 50 Resp: 397
Ion Ratio Lower Upper
50 100
52 30.9 25.5 38.3

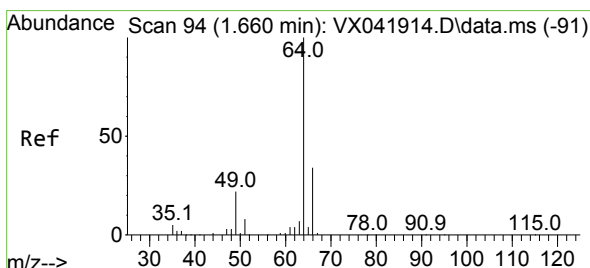
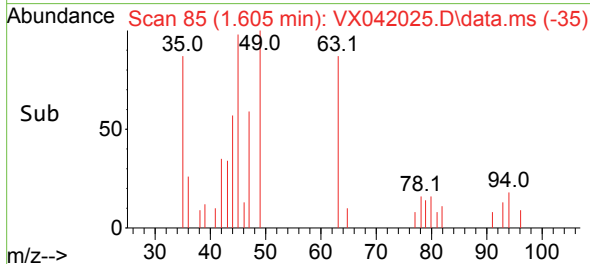
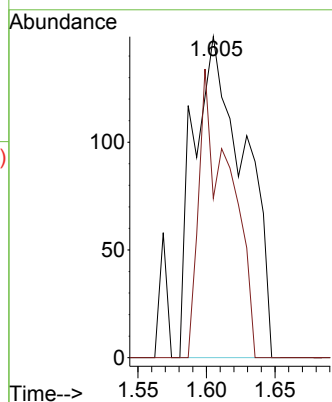
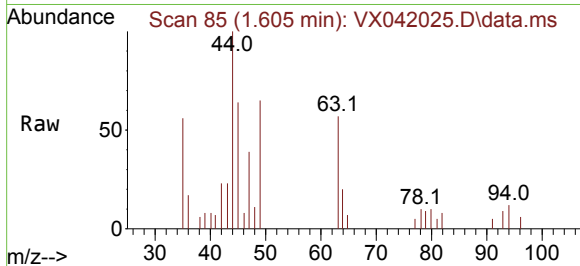




#5
Bromomethane
Concen: 0.546 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

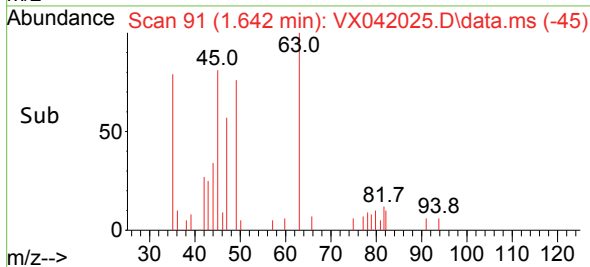
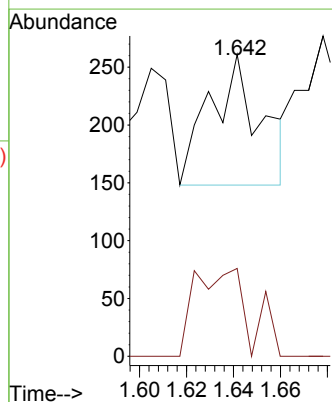
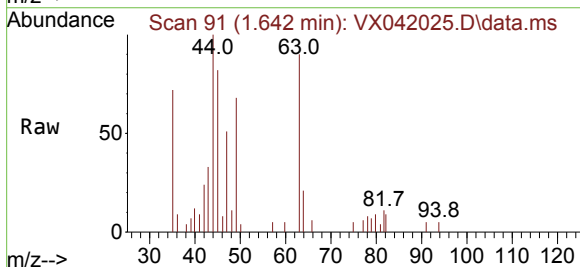
Instrument :
MSVOA_X
ClientSampleId :
MW8-20240624

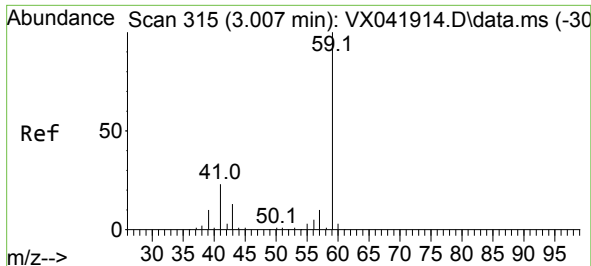
Tgt Ion: 94 Resp: 387
Ion Ratio Lower Upper
94 100
96 49.7 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Tgt Ion: 64 Resp: 168
Ion Ratio Lower Upper
64 100
66 67.3 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.983 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX042025.D

Acq: 25 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

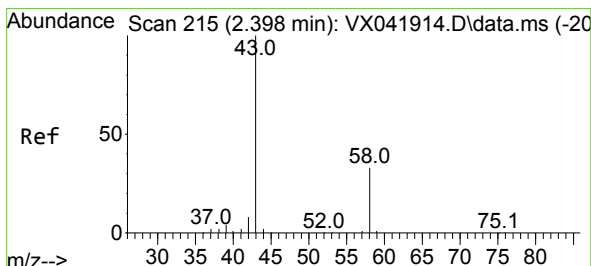
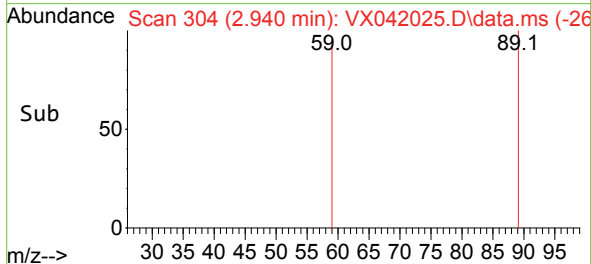
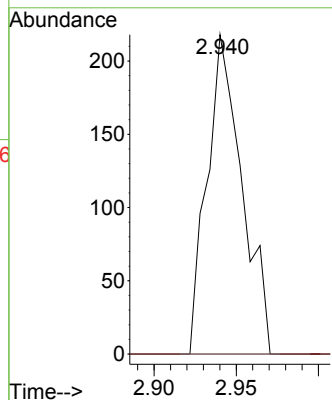
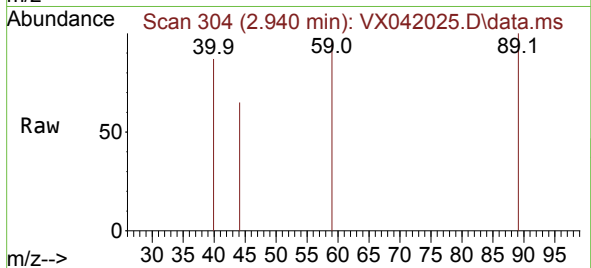
MW8-20240624

Tgt Ion: 59 Resp: 322

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.447 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX042025.D

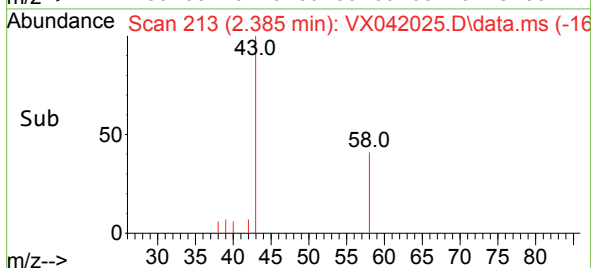
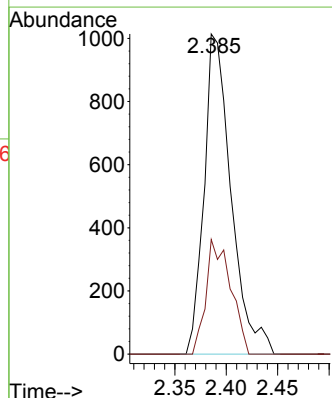
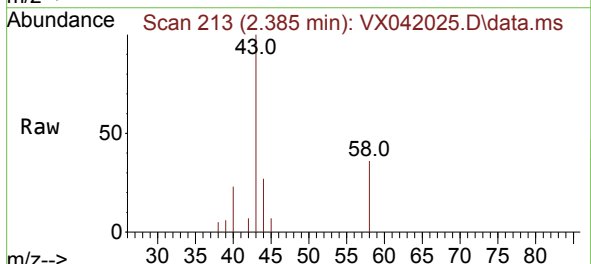
Acq: 25 Jun 2024 12:26

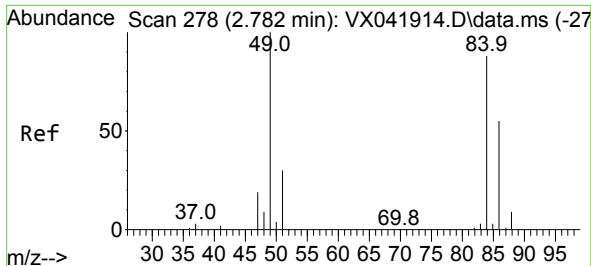
Tgt Ion: 43 Resp: 1855

Ion Ratio Lower Upper

43 100

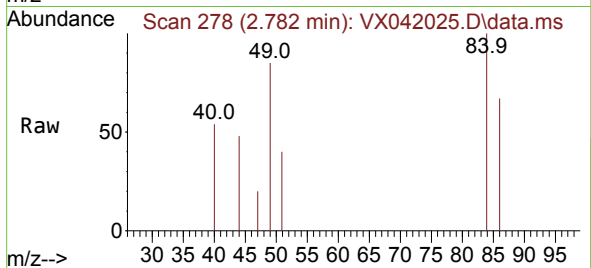
58 35.8 21.9 32.9#



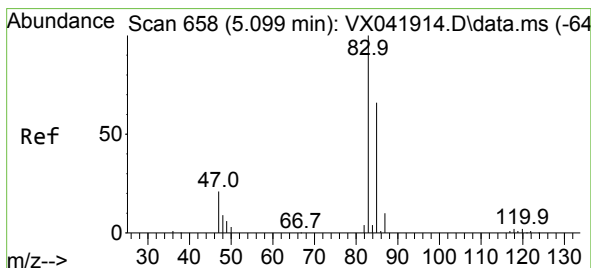
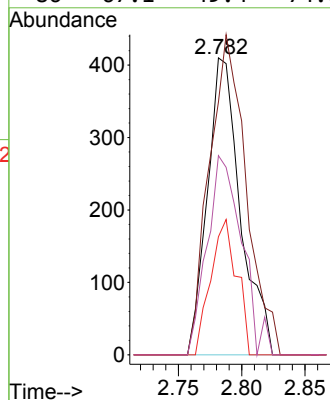
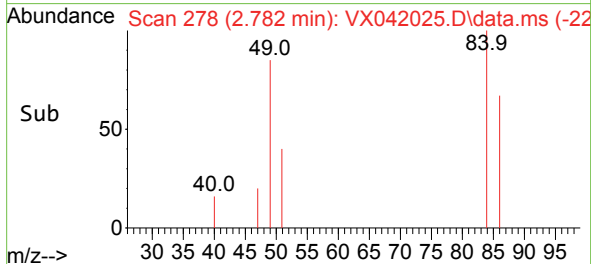


#20
Methylene Chloride
Concen: 0.449 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :
MW8-20240624

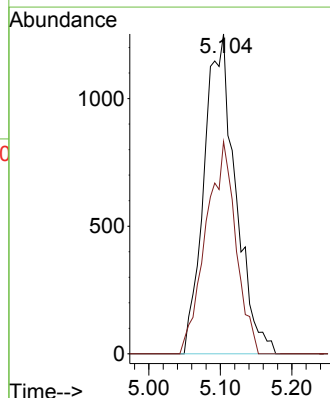
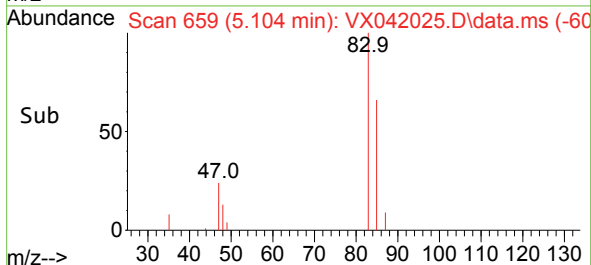
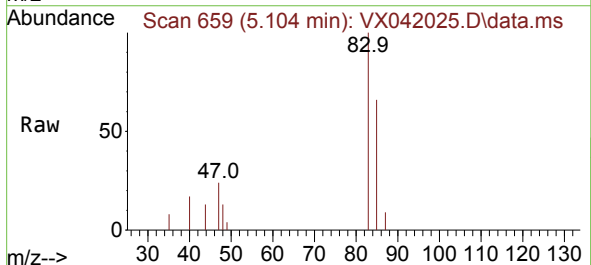


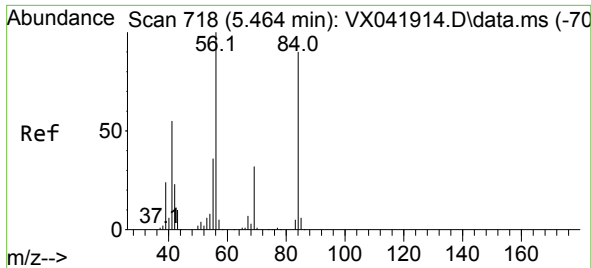
Tgt Ion: 84 Resp: 745
Ion Ratio Lower Upper
84 100
49 85.1 103.6 155.4#
51 39.8 33.8 50.6
86 67.1 49.4 74.0



#30
Chloroform
Concen: 1.510 ug/l
RT: 5.104 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Tgt Ion: 83 Resp: 3814
Ion Ratio Lower Upper
83 100
85 66.3 50.3 75.5

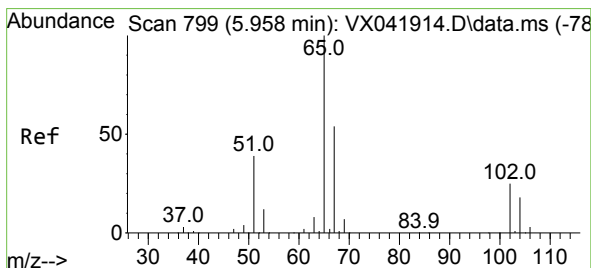
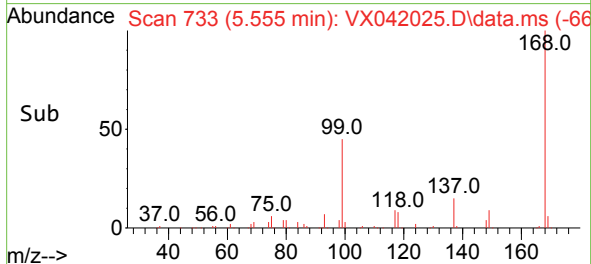
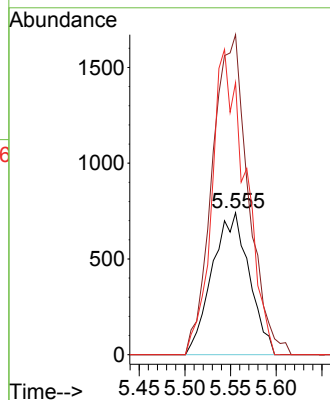
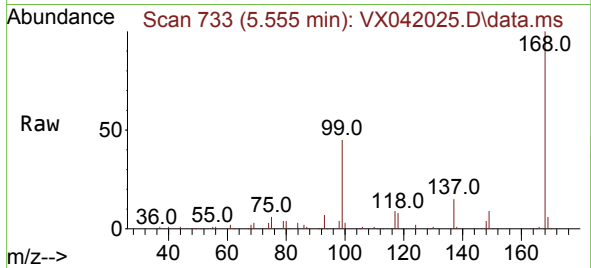




#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.555 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

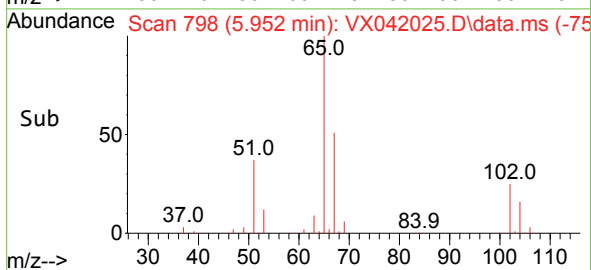
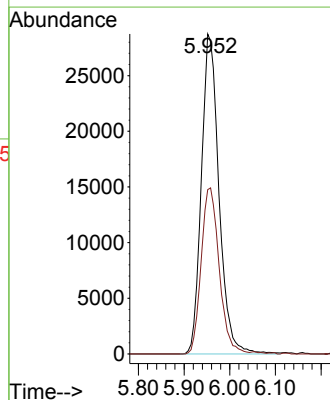
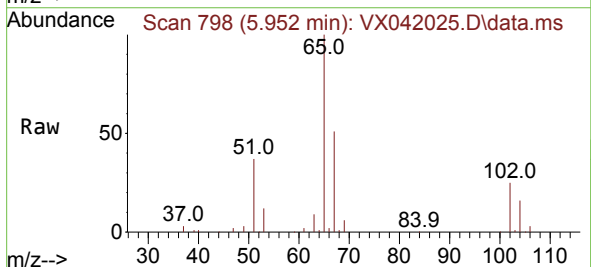
Instrument :
MSVOA_X
ClientSampleId :
MW8-20240624

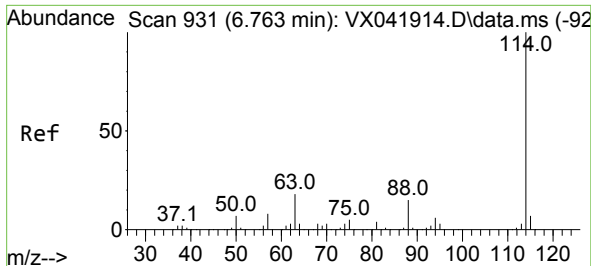
Tgt Ion: 56 Resp: 2091
Ion Ratio Lower Upper
56 100
69 225.5 23.4 35.2#
84 191.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.475 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Tgt Ion: 65 Resp: 76795
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

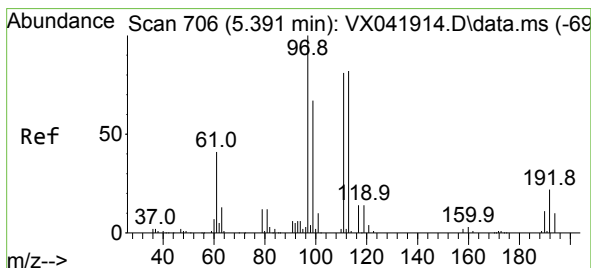
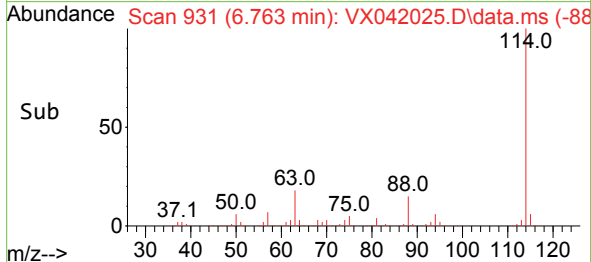
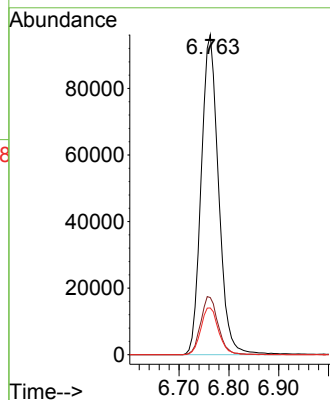
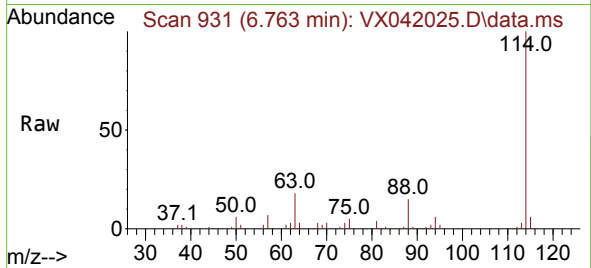




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

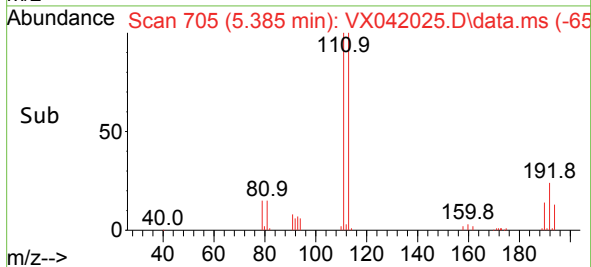
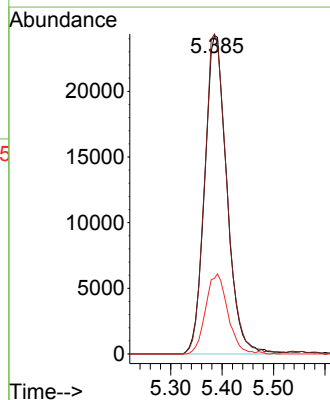
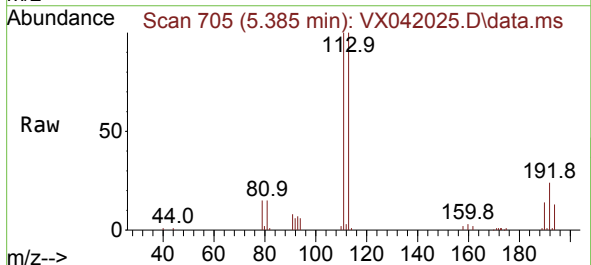
Instrument :
MSVOA_X
ClientSampleId :
MW8-20240624

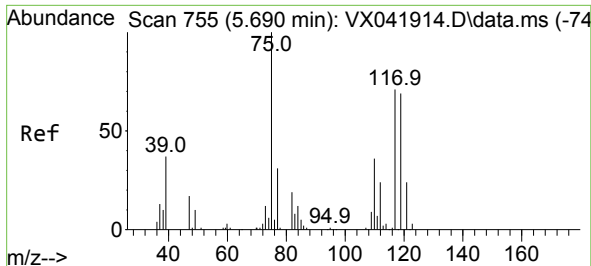
Tgt Ion:114 Resp: 232415
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.029 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Tgt Ion:113 Resp: 72609
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 25.1 13.3 19.9#

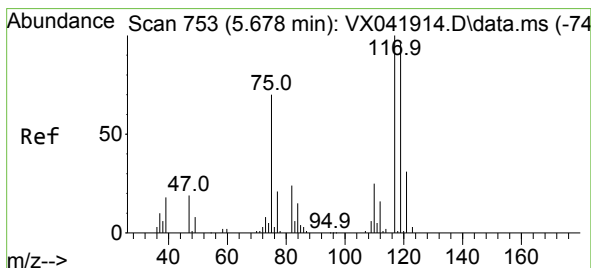
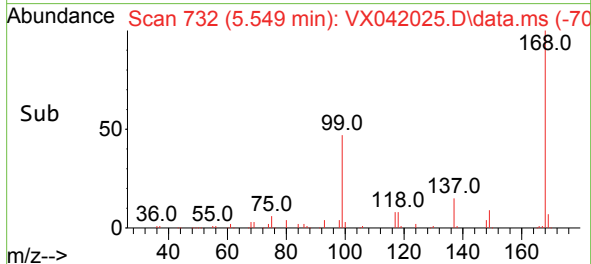
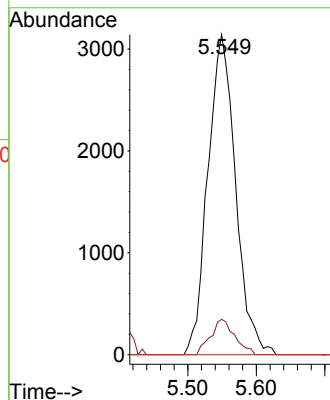
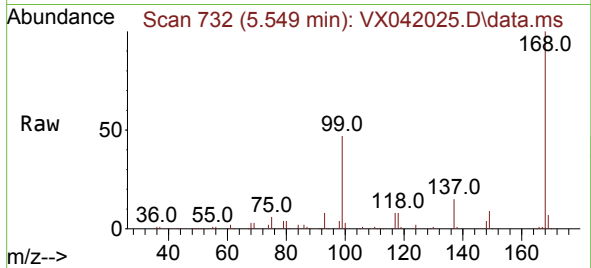




#36
1,1-Dichloropropene
Concen: 5.038 ug/l
RT: 5.549 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

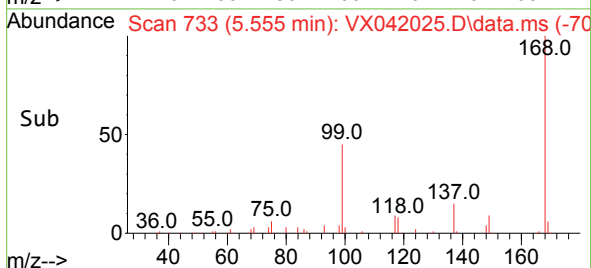
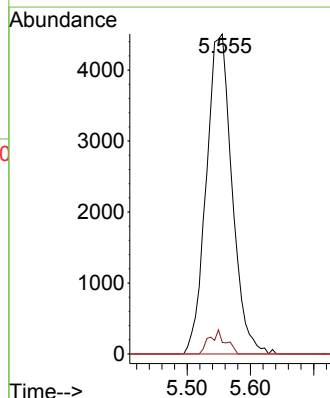
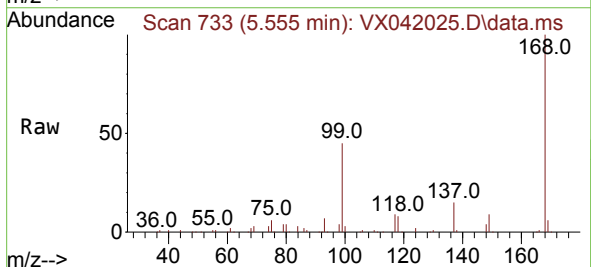
Instrument :
MSVOA_X
ClientSampleId :
MW8-20240624

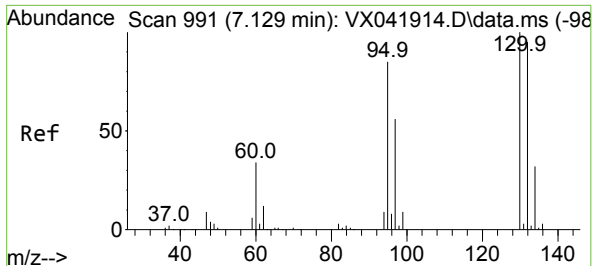
Tgt Ion: 75 Resp: 8822
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.595 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Tgt Ion: 117 Resp: 12760
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#

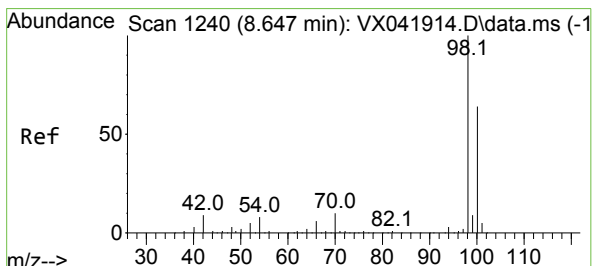
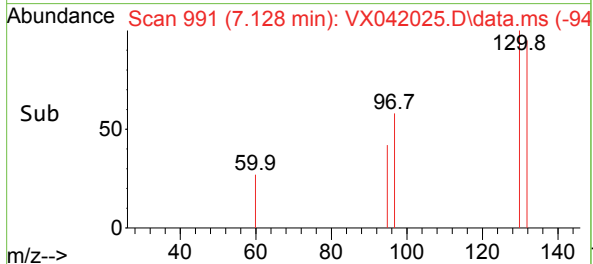
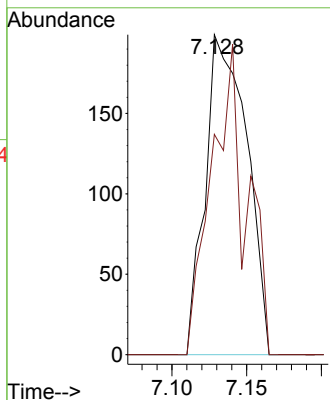
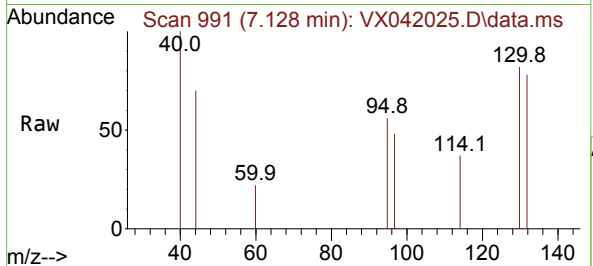




#44
Trichloroethene
Concen: 0.243 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

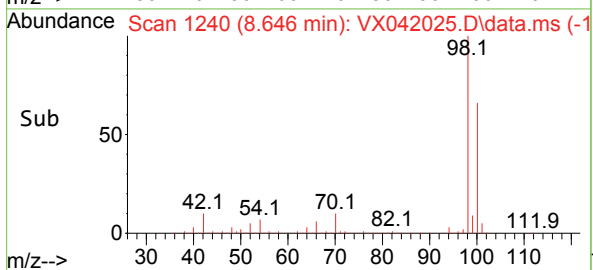
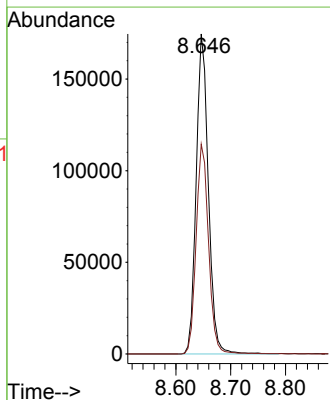
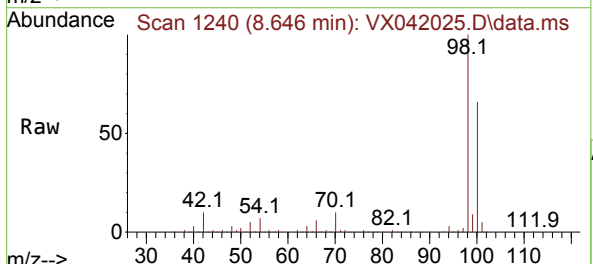
Instrument :
MSVOA_X
ClientSampleId :
MW8-20240624

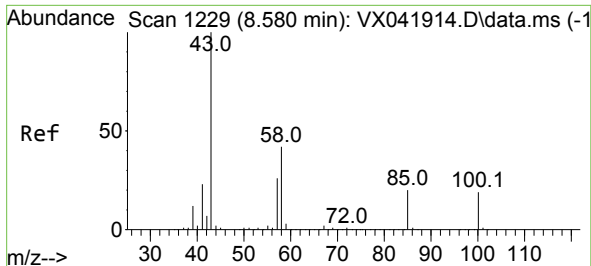
Tgt Ion:130 Resp: 385
Ion Ratio Lower Upper
130 100
95 68.8 0.0 204.4



#50
Toluene-d8
Concen: 46.650 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Tgt Ion: 98 Resp: 270260
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

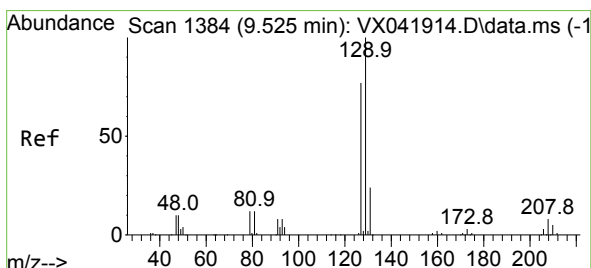
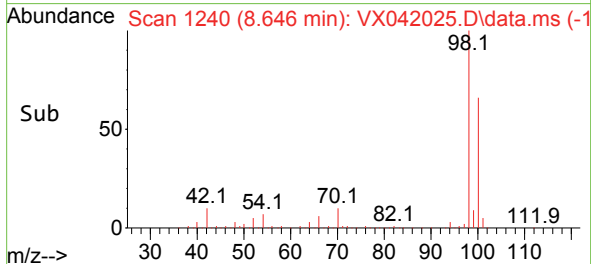
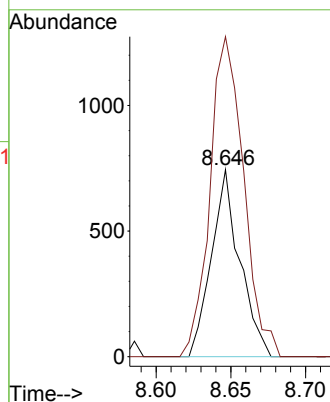
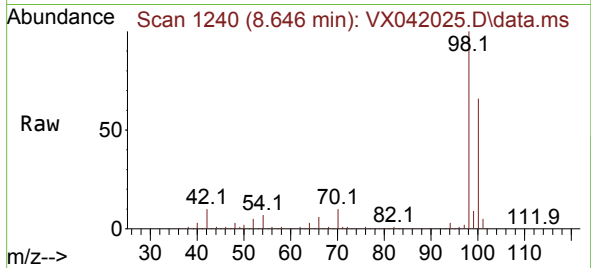




#51
4-Methyl-2-Pentanone
Concen: 0.408 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

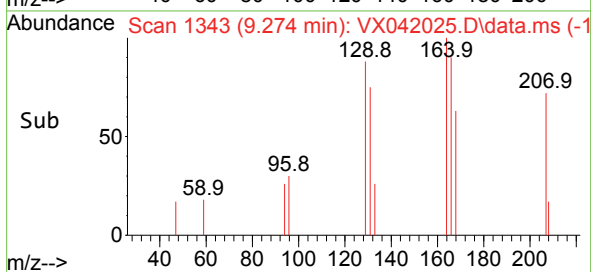
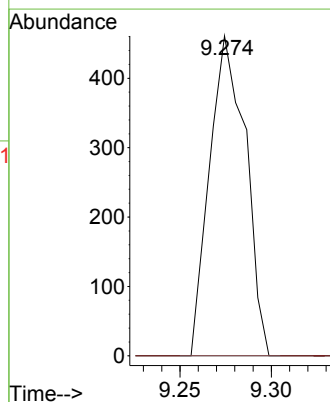
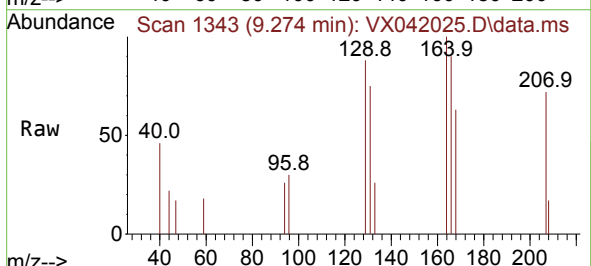
Instrument :
MSVOA_X
ClientSampleId :
MW8-20240624

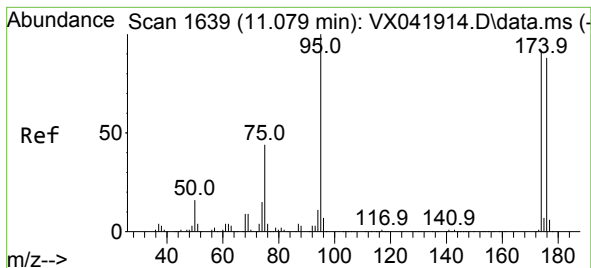
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 203.1 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.371 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Tgt Ion: 129 Resp: 632
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

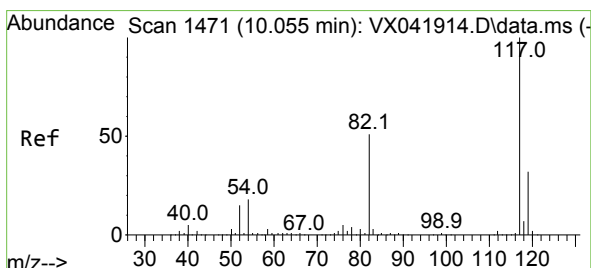
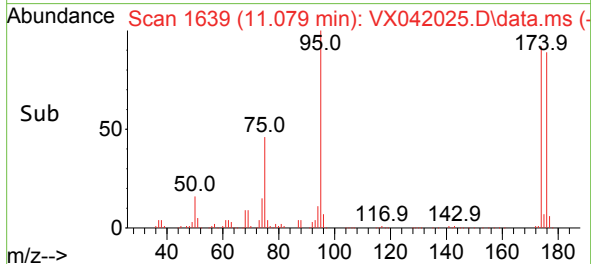
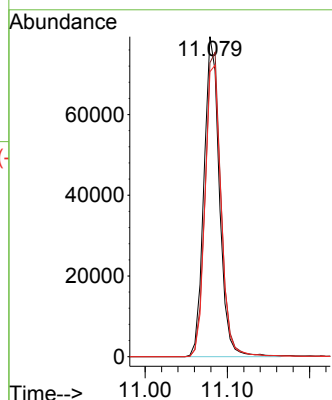
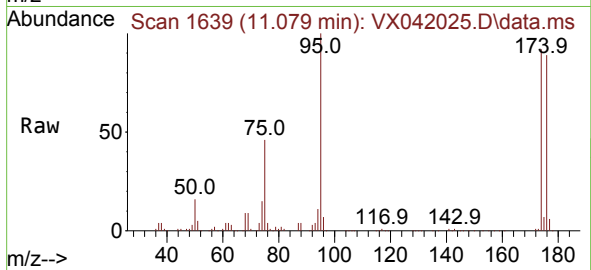




#62
4-Bromofluorobenzene
Concen: 48.463 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

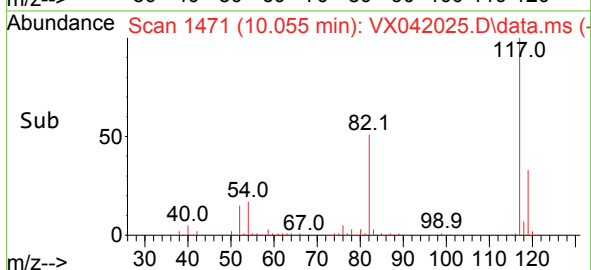
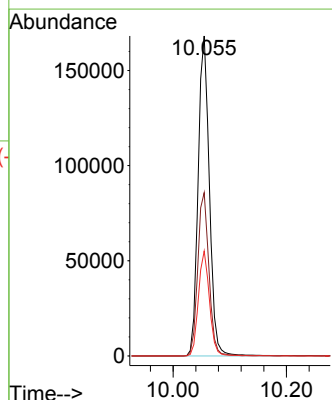
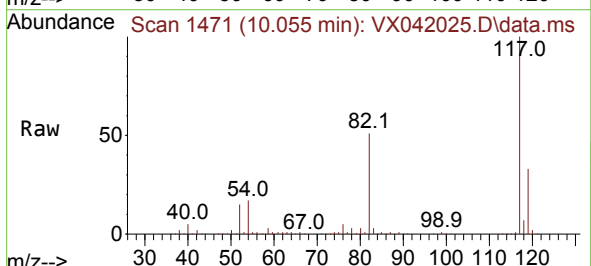
Instrument :
MSVOA_X
ClientSampleId :
MW8-20240624

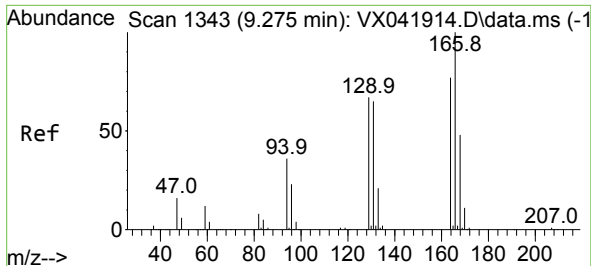
Tgt Ion: 95 Resp: 103497
Ion Ratio Lower Upper
95 100
174 98.2 0.0 135.6
176 94.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Tgt Ion: 117 Resp: 231167
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.8 25.5 38.3



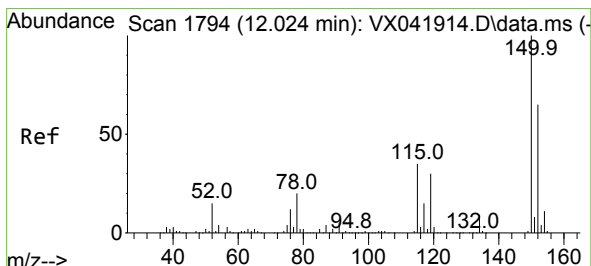
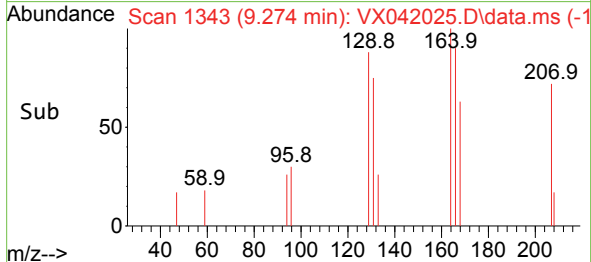
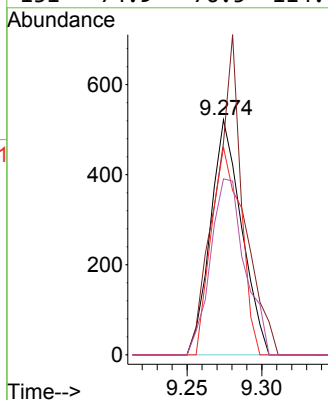
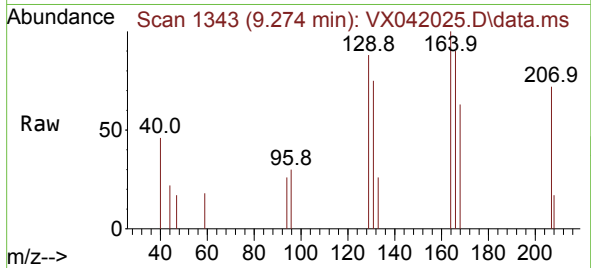


#64
Tetrachloroethene
Concen: 0.449 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :
MW8-20240624

Tgt Ion:164 Resp: 755

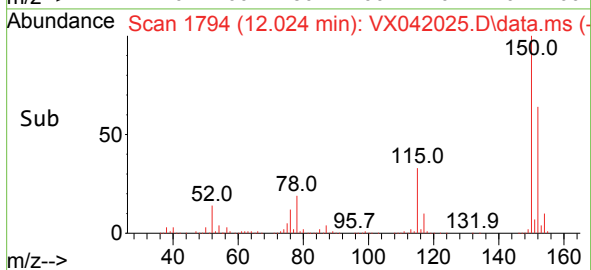
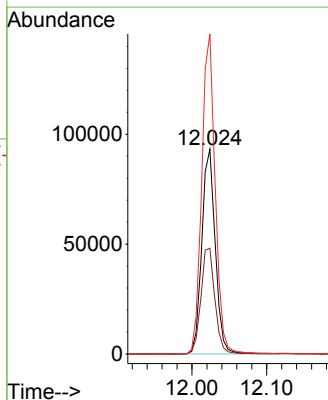
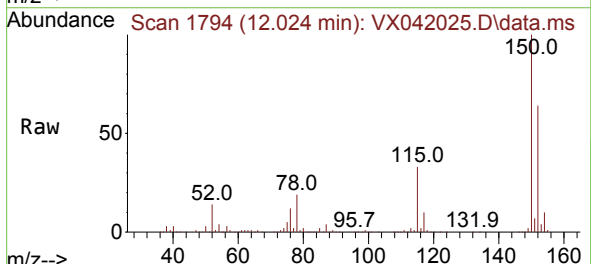
Ion	Ratio	Lower	Upper
164	100		
166	90.2	102.7	154.1#
129	88.3	80.4	120.6
131	74.9	76.5	114.7#

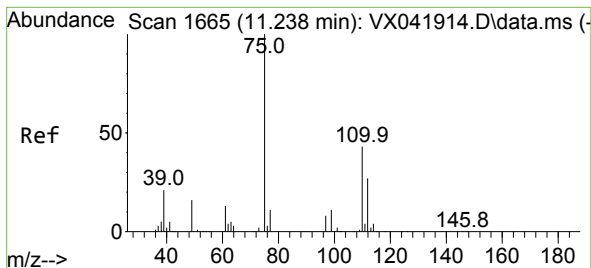


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Tgt Ion:152 Resp: 116922

Ion	Ratio	Lower	Upper
152	100		
115	53.6	43.3	129.9
150	155.9	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 22.524 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042025.D

Acq: 25 Jun 2024 12:26

Instrument :

MSVOA_X

ClientSampleId :

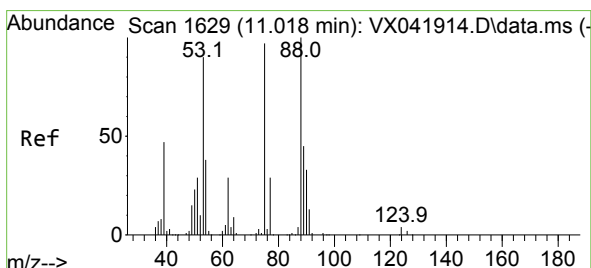
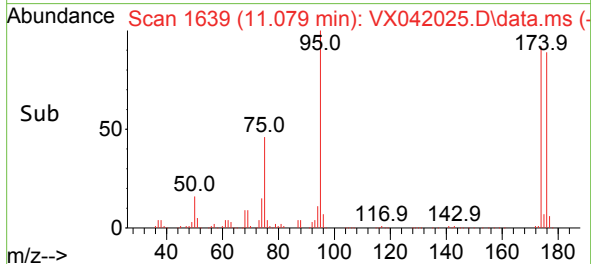
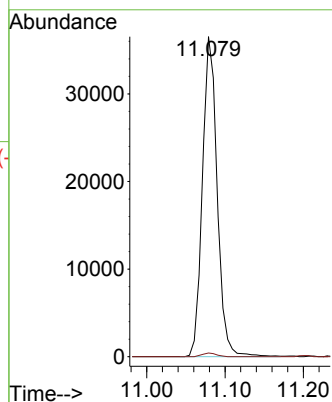
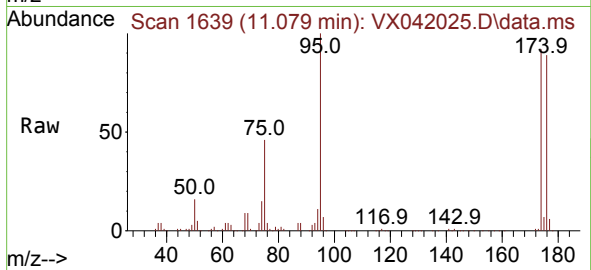
MW8-20240624

Tgt Ion: 75 Resp: 47809

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.965 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042025.D

Acq: 25 Jun 2024 12:26

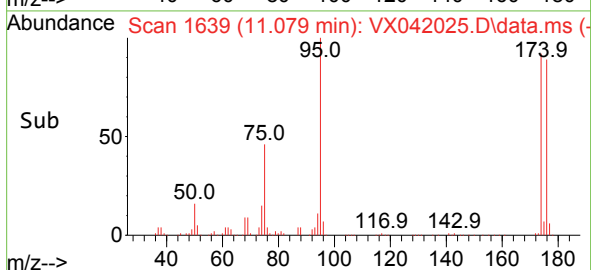
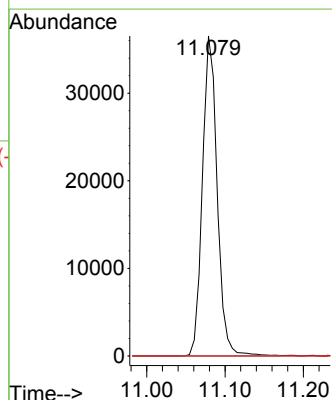
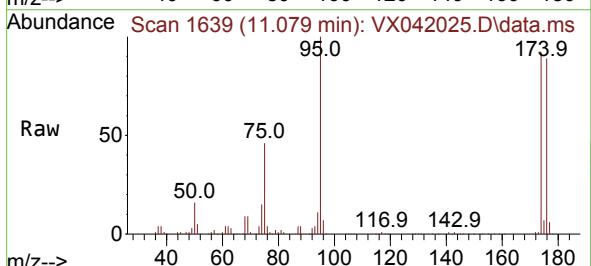
Tgt Ion: 75 Resp: 47809

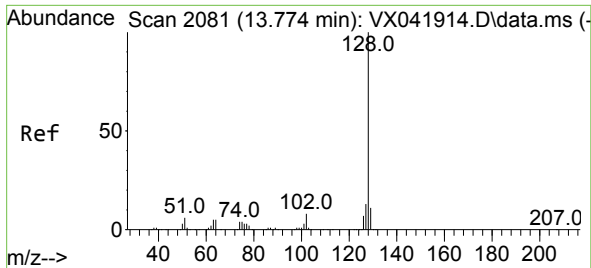
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

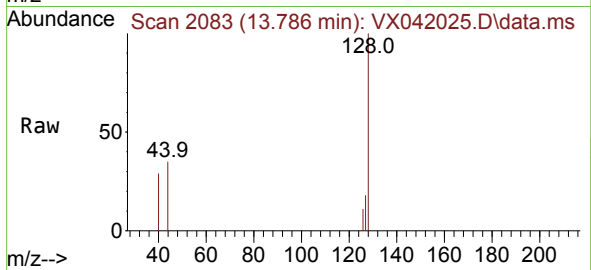
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.850 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042025.D
Acq: 25 Jun 2024 12:26

Instrument :
MSVOA_X
ClientSampleId :
MW8-20240624



Tgt Ion:	128	Resp:	870
Ion	Ratio	Lower	Upper
128	100		
127	7.0	10.3	15.5#
129	0.0	8.8	13.2#

