

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042147.D
 Acq On : 02 Jul 2024 18:05
 Operator : JC/MD
 Sample : P3119-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW17-20240627

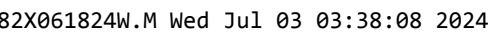
Quant Time: Jul 03 03:37:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

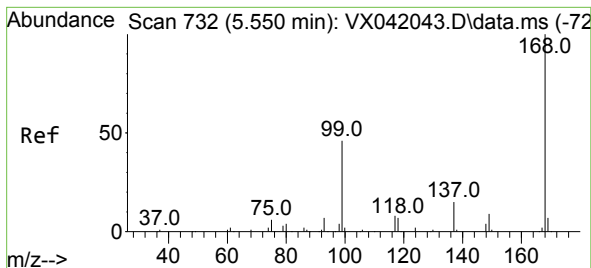
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	134528	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	206092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68496	44.155	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.300%
35) Dibromofluoromethane	5.385	113	65468	44.770	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.540%
50) Toluene-d8	8.646	98	242622	47.228	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.460%
62) 4-Bromofluorobenzene	11.079	95	89382	47.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.400%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	270	0.424	ug/l	88
6) Chloroethane	1.660	64	281	Below Cal	#	43
16) Acetone	2.391	43	1583	2.324	ug/l	92
19) Methyl tert-butyl Ether	3.129	73	1425	0.372	ug/l	99
20) Methylene Chloride	2.788	84	497	0.333	ug/l	# 81
28) Bromochloromethane	5.098	49	1684	1.805	ug/l	# 16
30) Chloroform	5.098	83	26147	11.522	ug/l	95
31) Cyclohexane	5.537	56	1797	0.991	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	7396	4.763	ug/l	# 51
38) Carbon Tetrachloride	5.549	117	11215	6.537	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.646	43	743	0.347	ug/l	# 1
60) Dibromochloromethane	9.274	129	850	0.563	ug/l	# 11
64) Tetrachloroethene	9.274	164	888	0.593	ug/l	# 85
76) 1,2,3-Trichloropropane	11.079	75	40298	23.156	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	40298	65.761	ug/l	# 5
95) Naphthalene	13.786	128	1761	1.000	ug/l	# 95

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

Quant Time: Jul 03 03:37:56 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: VX042147.D

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Instrument :

MSVOA_X

ClientSampleId :

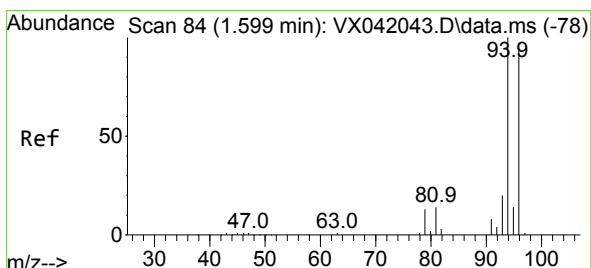
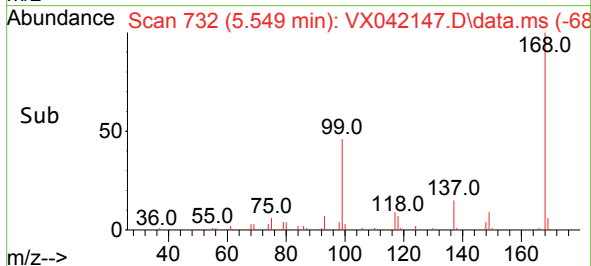
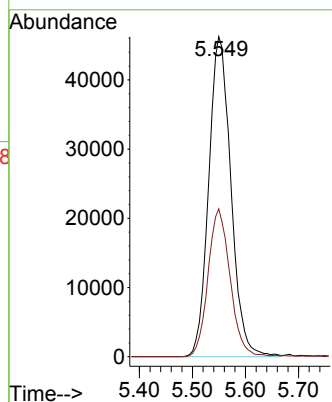
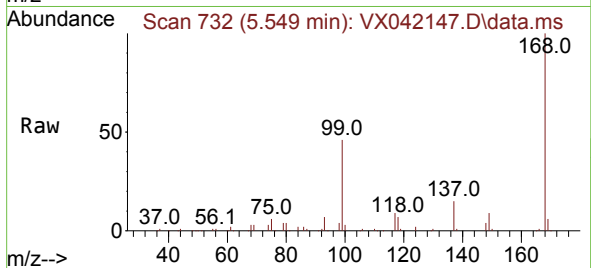
MW17-20240627

Tgt Ion:168 Resp: 134528

Ion Ratio Lower Upper

168 100

99 46.2 56.6 85.0#



#5

Bromomethane

Concen: 0.424 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX042147.D

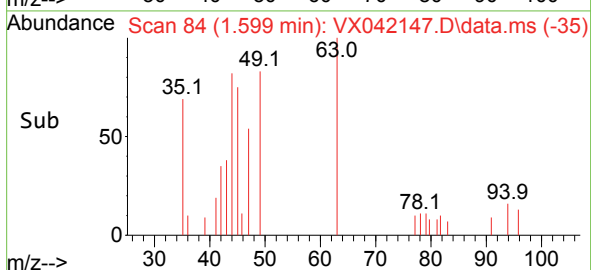
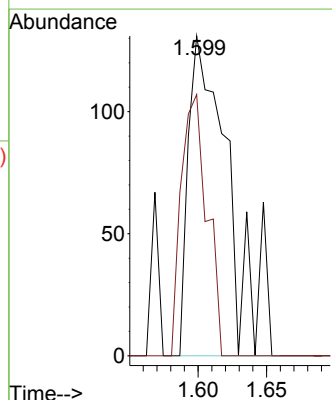
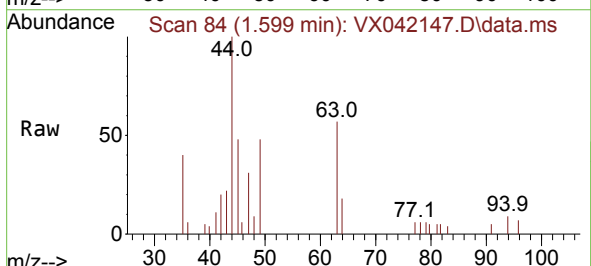
Acq: 02 Jul 2024 18:05

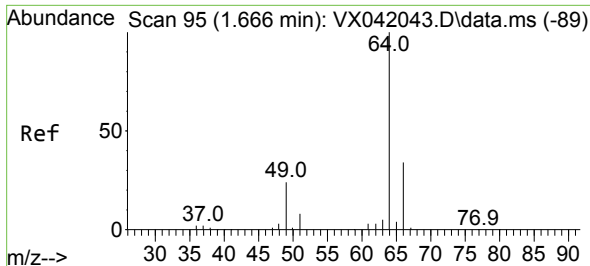
Tgt Ion: 94 Resp: 270

Ion Ratio Lower Upper

94 100

96 81.7 74.6 111.8

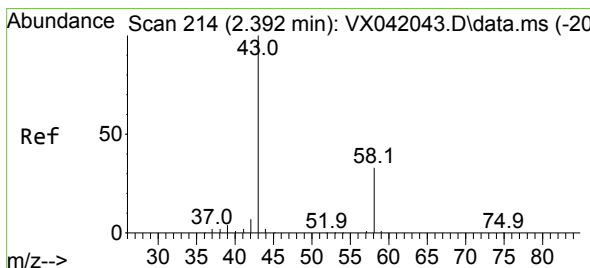
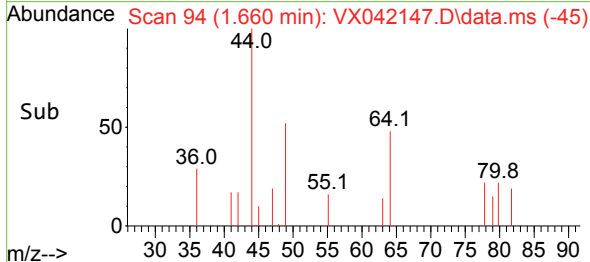
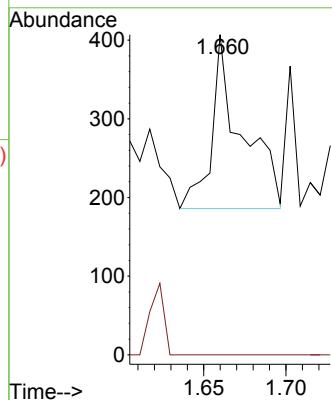
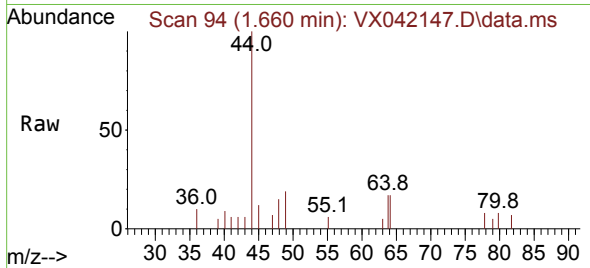




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

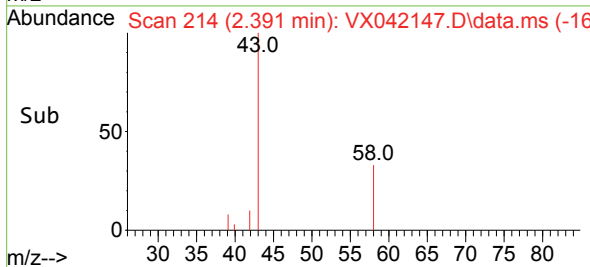
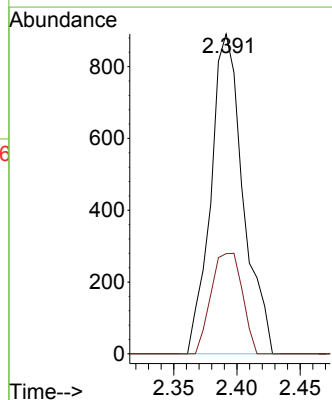
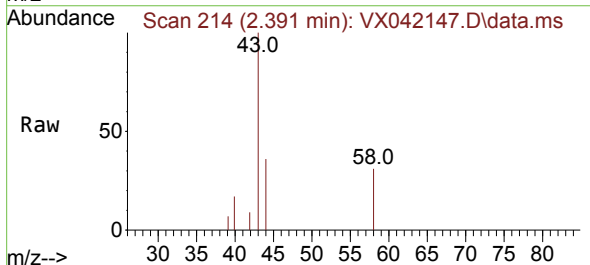
Instrument :
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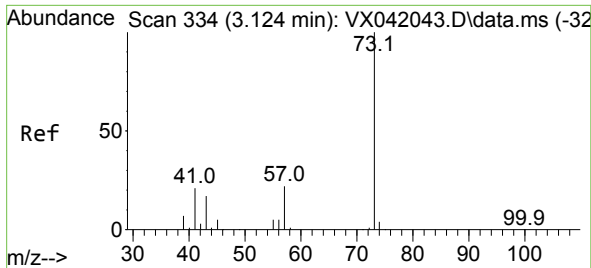
Tgt Ion: 64 Resp: 281
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 2.324 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

Tgt Ion: 43 Resp: 1583
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9

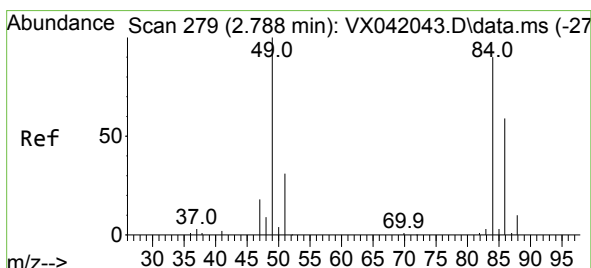
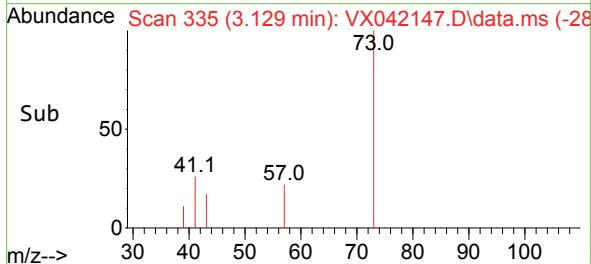
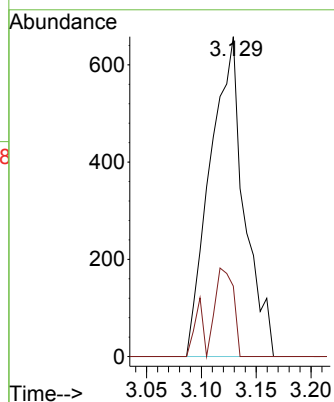
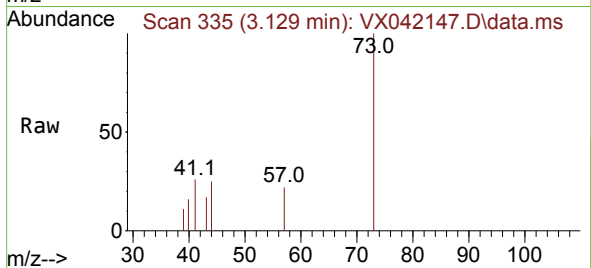




#19
Methyl tert-butyl Ether
Concen: 0.372 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

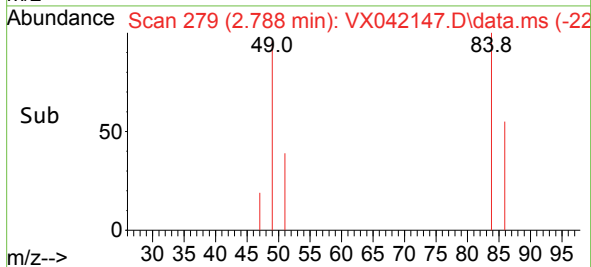
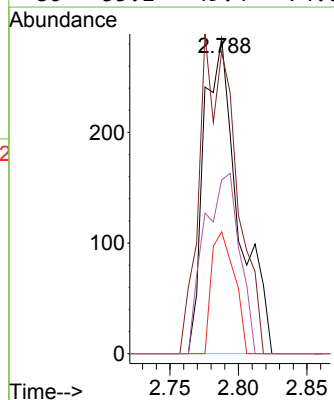
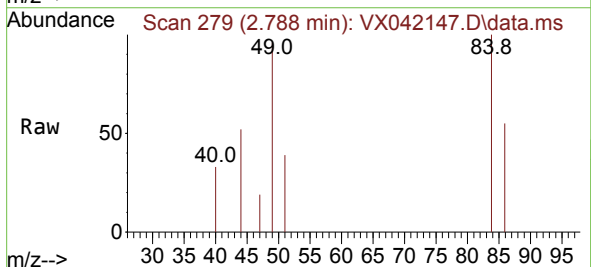
Instrument :
MSVOA_X
ClientSampleId :
MW17-20240627

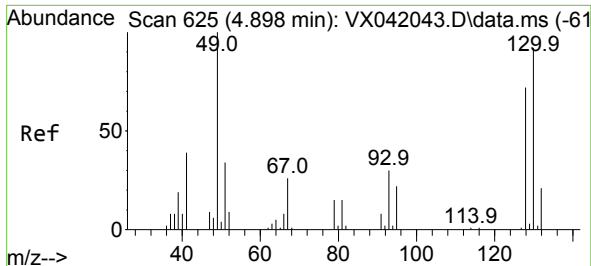
Tgt Ion: 73 Resp: 1425
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

Tgt Ion: 84 Resp: 497
Ion Ratio Lower Upper
84 100
49 95.8 103.6 155.4#
51 38.6 33.8 50.6
86 55.1 49.4 74.0

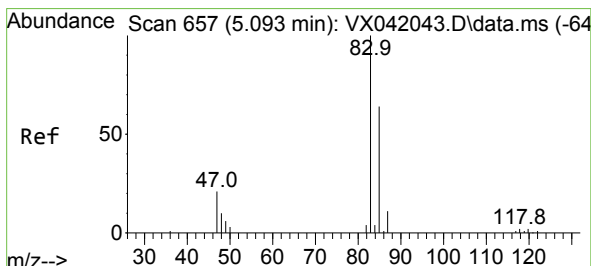
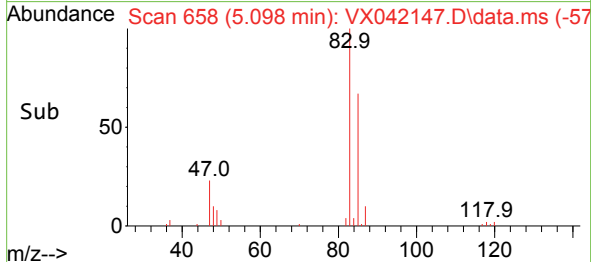
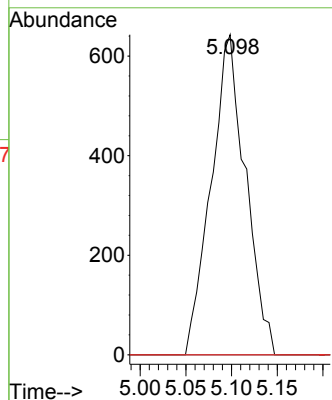
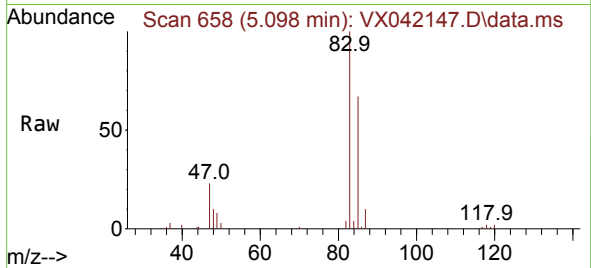




#28
Bromochloromethane
Concen: 1.805 ug/l
RT: 5.098 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

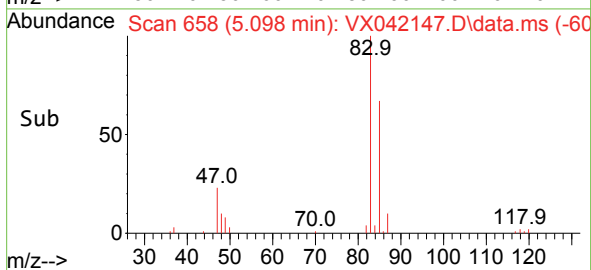
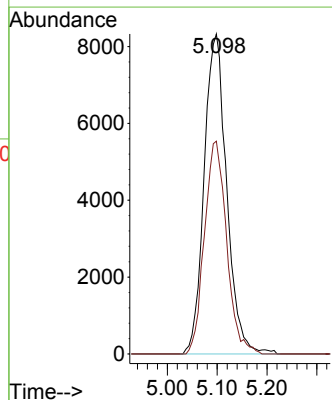
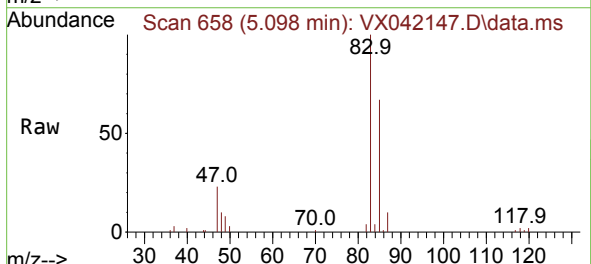
Instrument :
MSVOA_X
ClientSampleId :
MW17-20240627

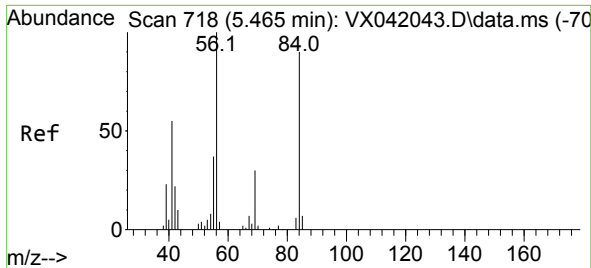
Tgt Ion: 49 Resp: 1684
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#30
Chloroform
Concen: 11.522 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

Tgt Ion: 83 Resp: 26147
Ion Ratio Lower Upper
83 100
85 66.5 50.3 75.5

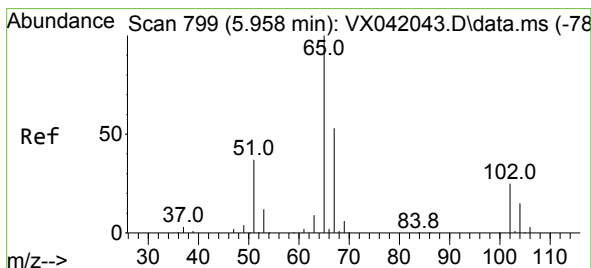
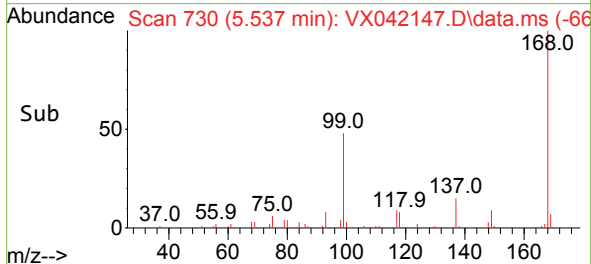
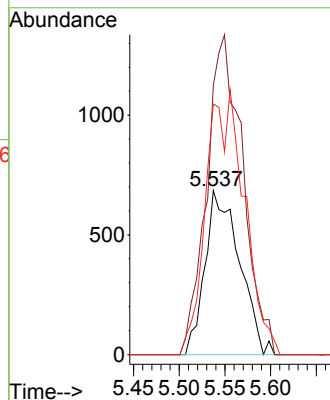
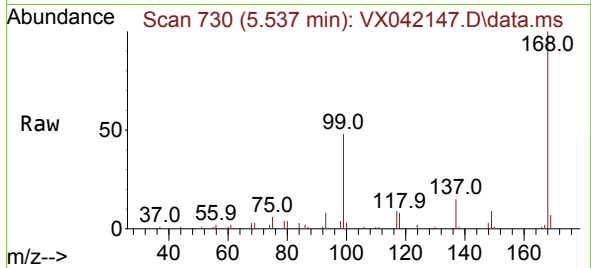




#31
Cyclohexane
Concen: 0.991 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

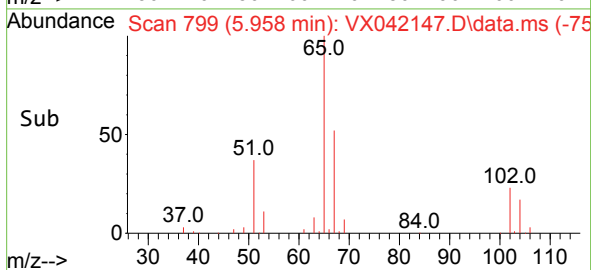
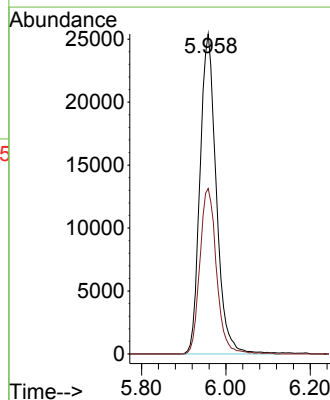
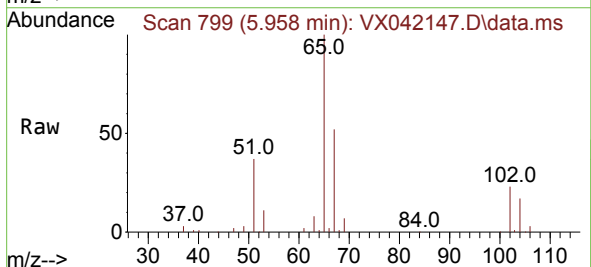
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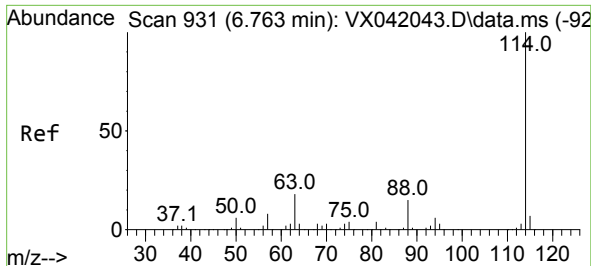
Tgt Ion: 56 Resp: 1797
Ion Ratio Lower Upper
56 100
69 164.2 23.4 35.2#
84 152.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.155 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

Tgt Ion: 65 Resp: 68496
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

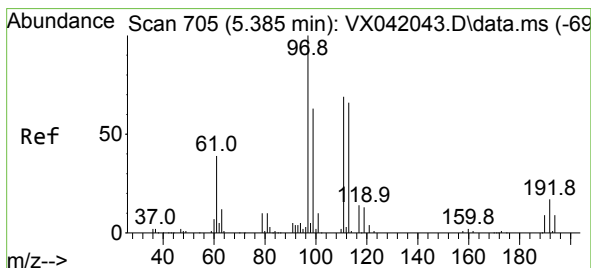
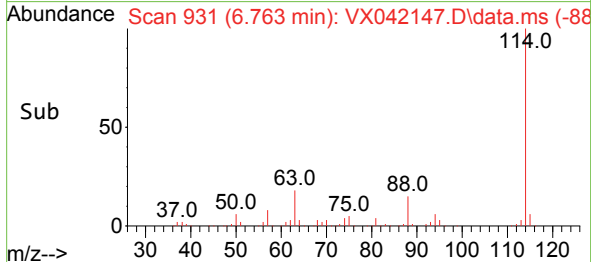
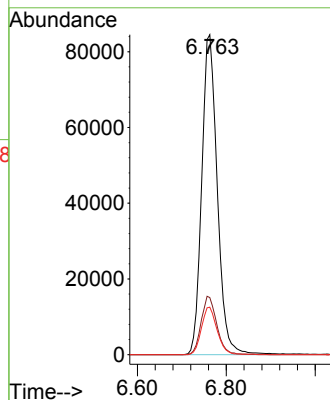
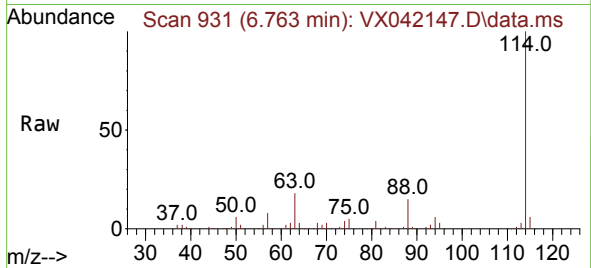




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

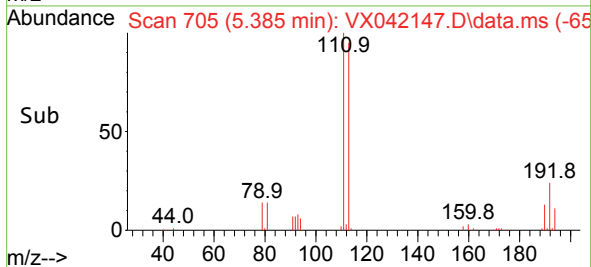
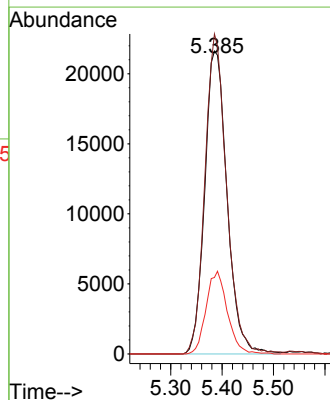
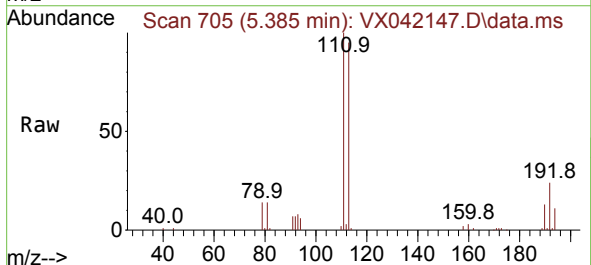
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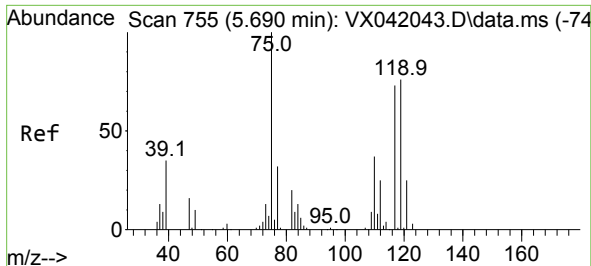
Tgt Ion:114 Resp: 206092
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.770 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

Tgt Ion:113 Resp: 65468
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 25.9 13.3 19.9#

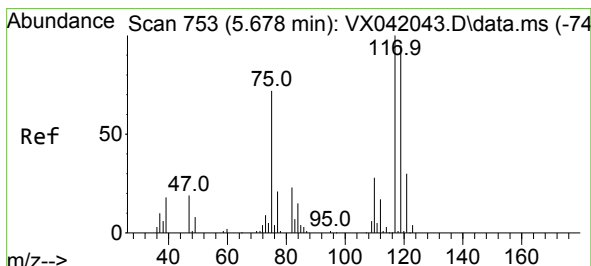
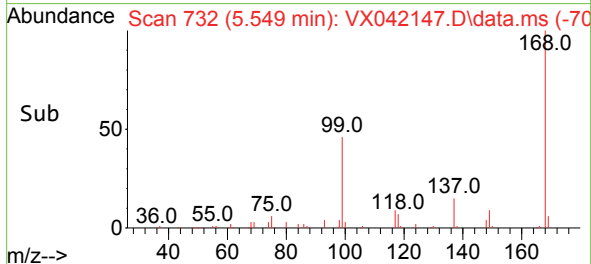
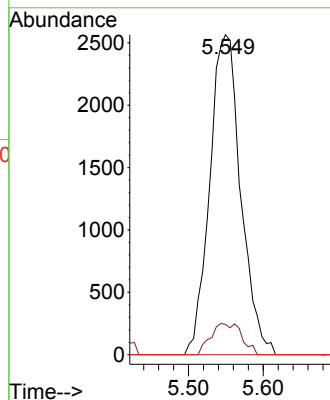
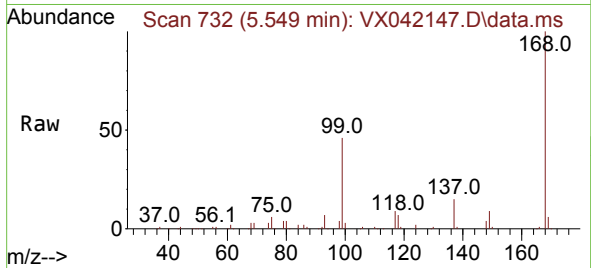




#36
1,1-Dichloropropene
Concen: 4.763 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

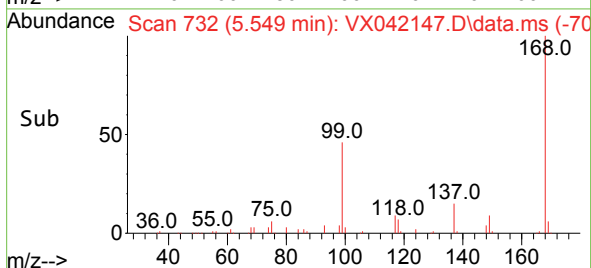
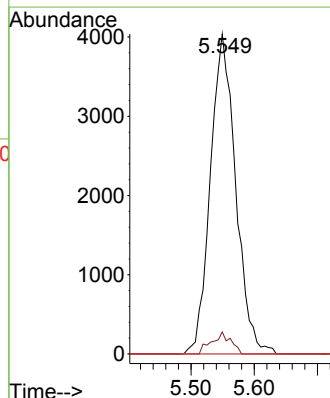
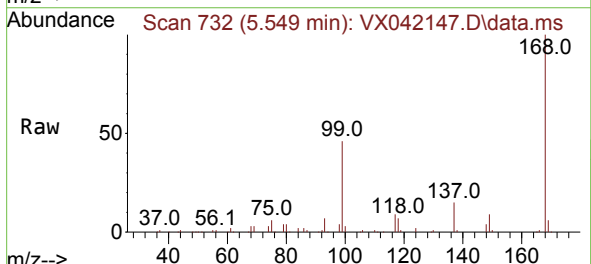
Instrument :
MSVOA_X
ClientSampleId :
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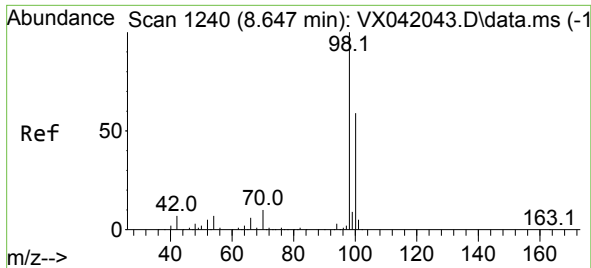
Tgt Ion: 75 Resp: 7396
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.537 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

Tgt Ion: 117 Resp: 11215
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.2#
121 0.0 24.4 36.6#

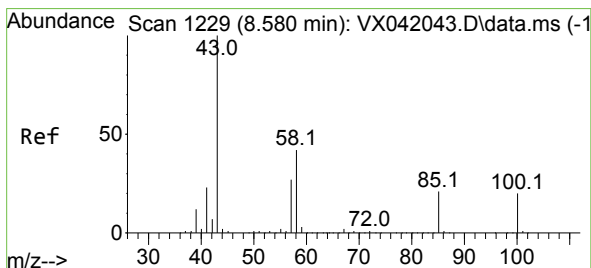
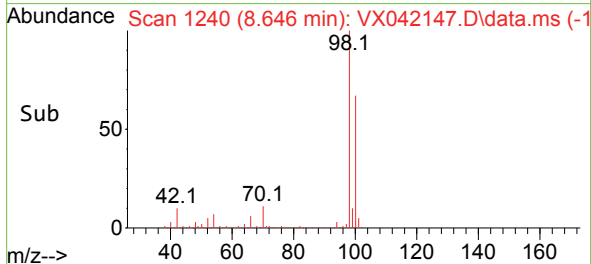
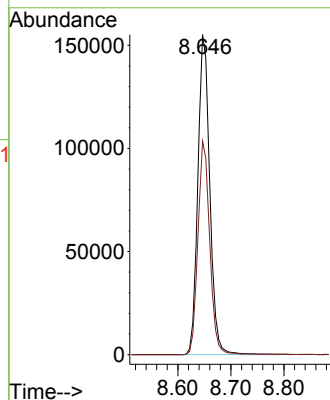
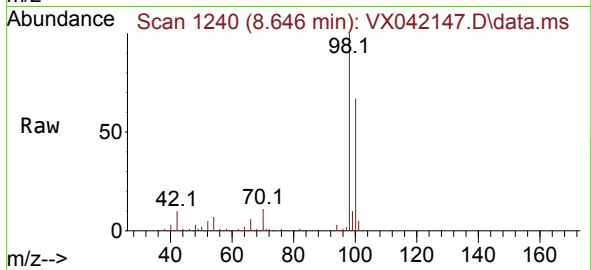




#50
Toluene-d8
Concen: 47.228 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

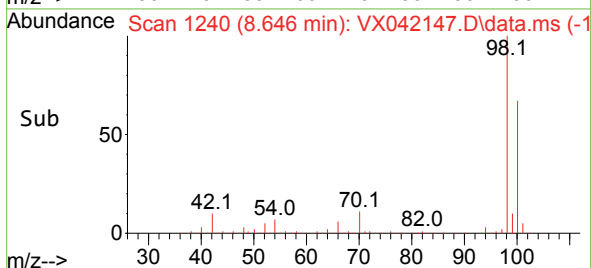
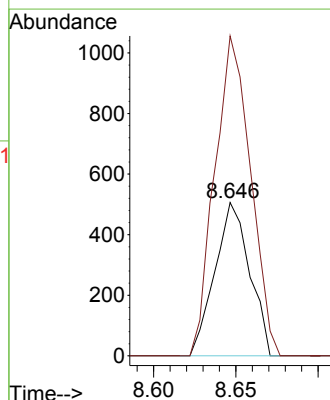
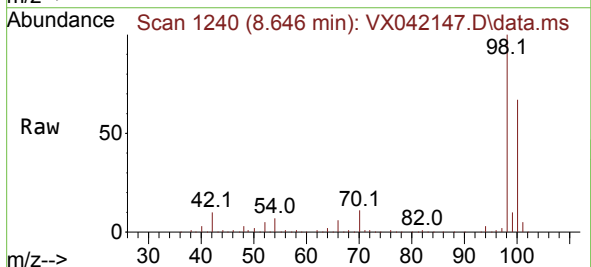
Instrument :
MSVOA_X
ClientSampleId :
MW17-20240627

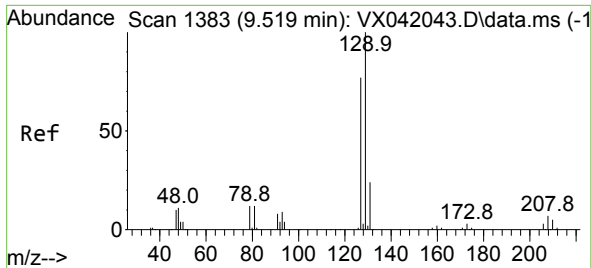
Tgt Ion: 98 Resp: 242622
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.347 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
58 215.5 30.4 45.6#

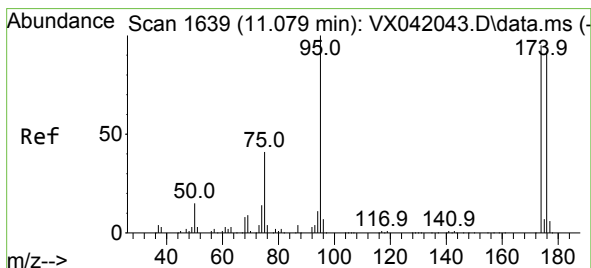
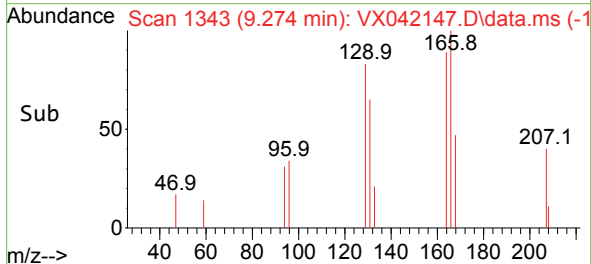
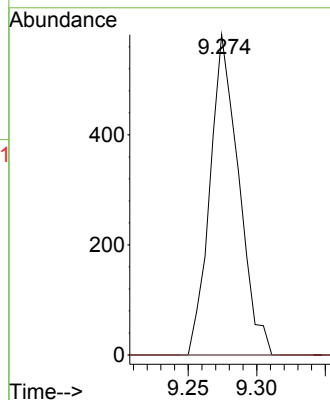
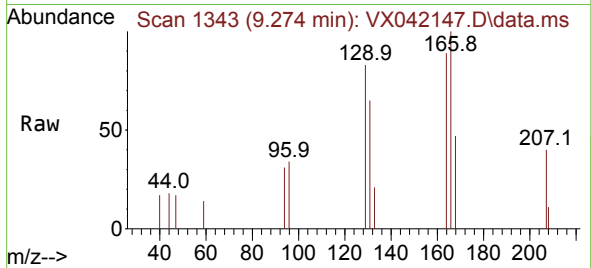




#60
Dibromochloromethane
Concen: 0.563 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

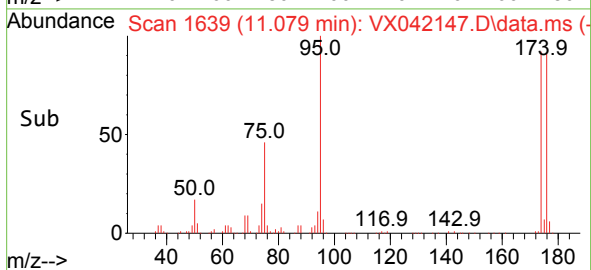
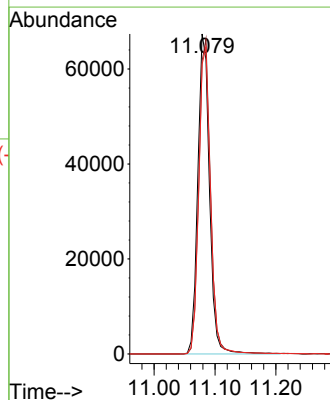
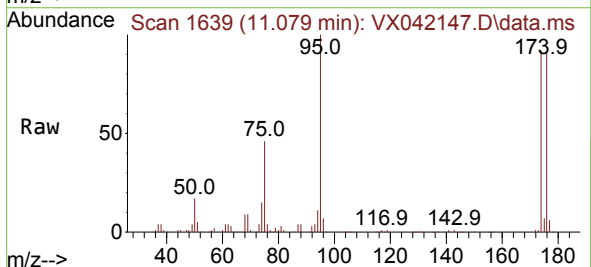
Instrument :
MSVOA_X
ClientSampleId :
MW17-20240627

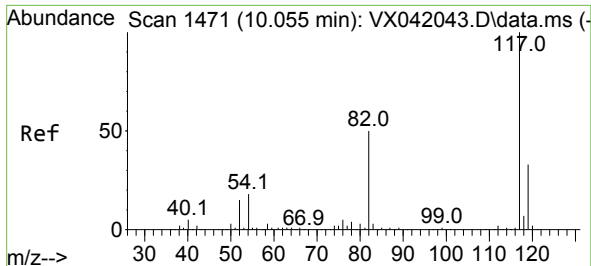
Tgt Ion:129 Resp: 850
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 47.199 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

Tgt Ion: 95 Resp: 89382
Ion Ratio Lower Upper
95 100
174 99.2 0.0 135.6
176 96.7 0.0 131.0

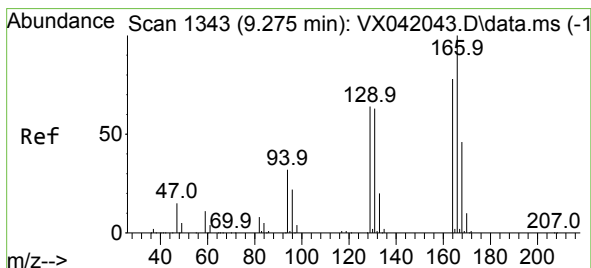
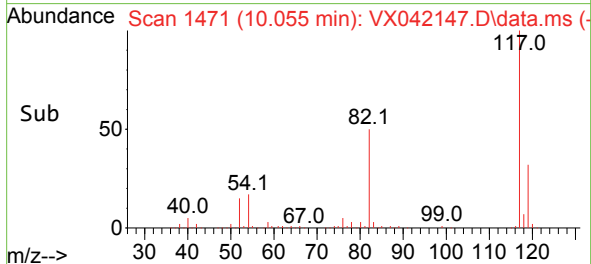
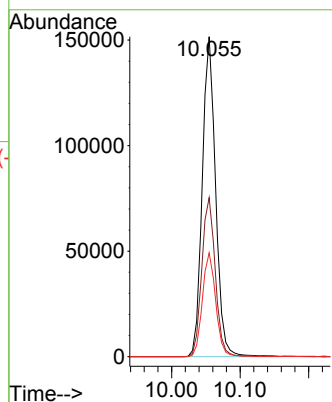
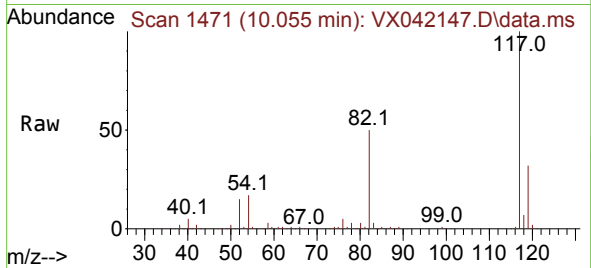




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

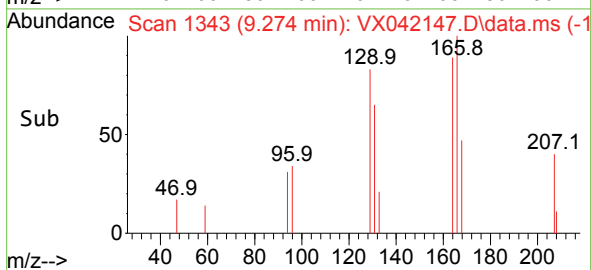
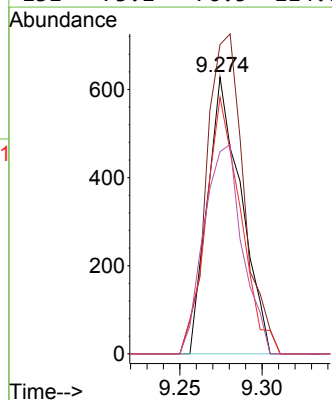
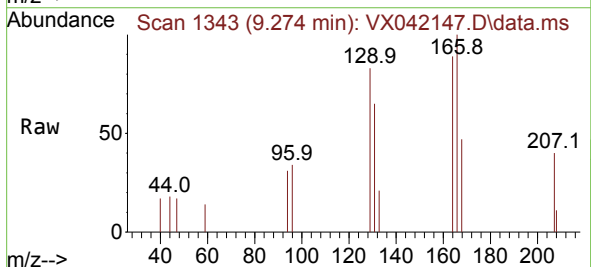
Instrument :
MSVOA_X
ClientSampleId :
MW17-20240627

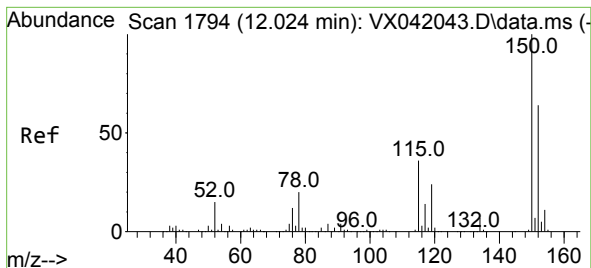
Tgt Ion:117 Resp: 205696
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 0.593 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

Tgt Ion:164 Resp: 888
Ion Ratio Lower Upper
164 100
166 111.8 102.7 154.1
129 92.7 80.4 120.6
131 73.1 76.5 114.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042147.D

Acq: 02 Jul 2024 18:05

Instrument :

MSVOA_X

ClientSampleId :

MW17-20240627

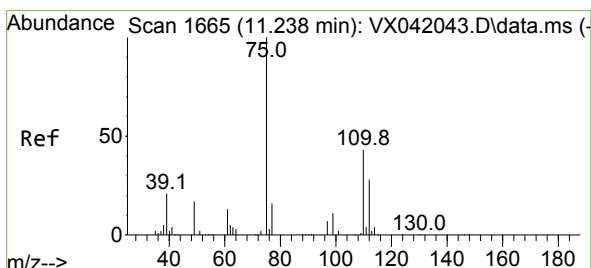
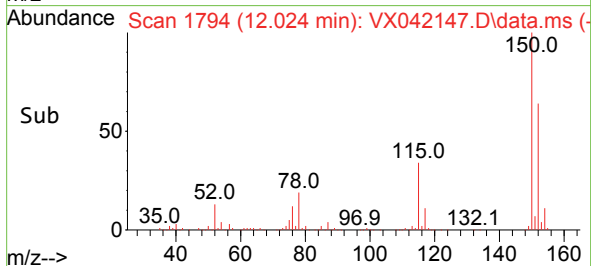
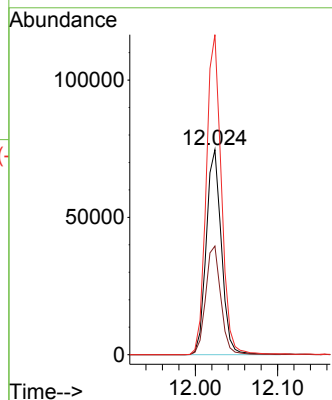
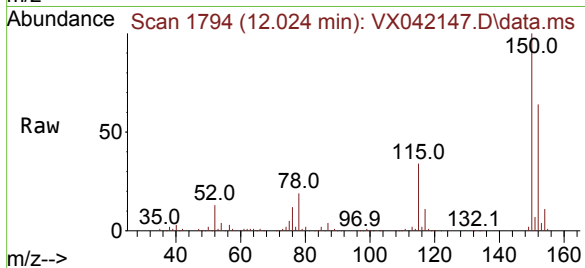
Tgt Ion:152 Resp: 95862

Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 155.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.156 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042147.D

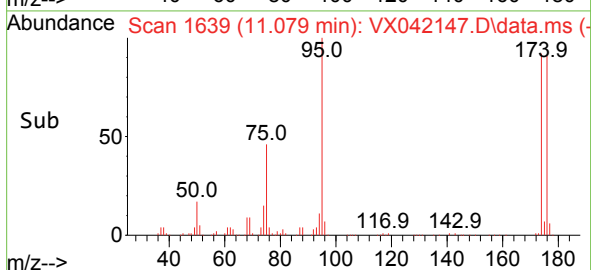
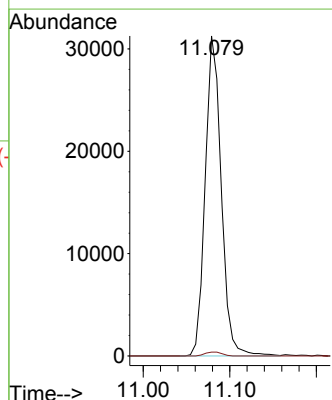
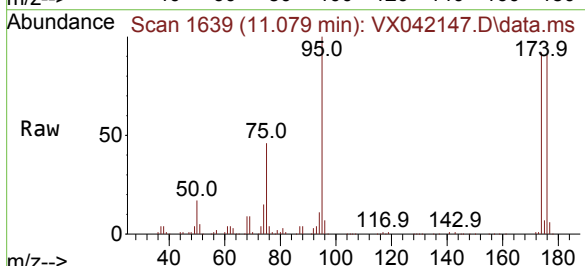
Acq: 02 Jul 2024 18:05

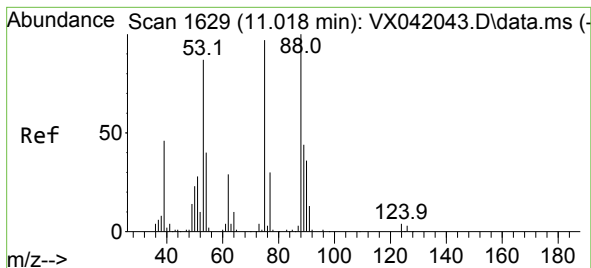
Tgt Ion: 75 Resp: 40298

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

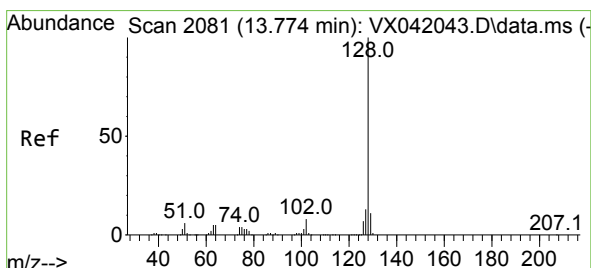
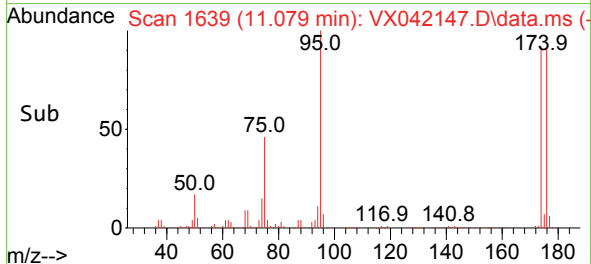
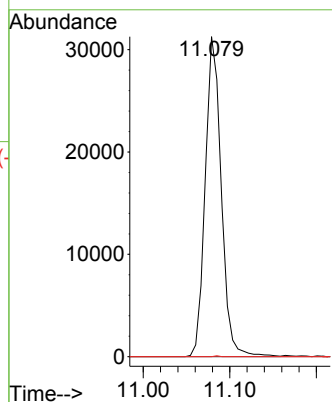
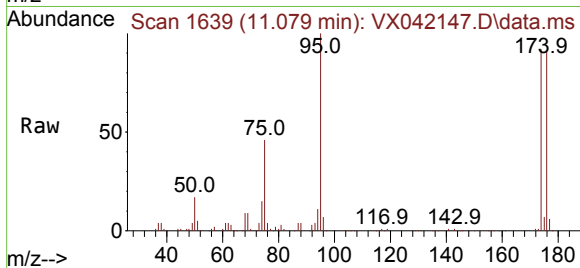




#81
trans-1,4-Dichloro-2-butene
Concen: 65.761 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

Instrument :
MSVOA_X
ClientSampleId :
MW17-20240627

Tgt Ion: 75 Resp: 40298
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#95
Naphthalene
Concen: 1.000 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042147.D
Acq: 02 Jul 2024 18:05

Tgt Ion: 128 Resp: 1761
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 8.5 8.8 13.2#

