

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040352.D
 Acq On : 20 Feb 2024 13:30
 Operator : JC/MD
 Sample : P1507-23DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20240215DL

Quant Time: Feb 21 01:12:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

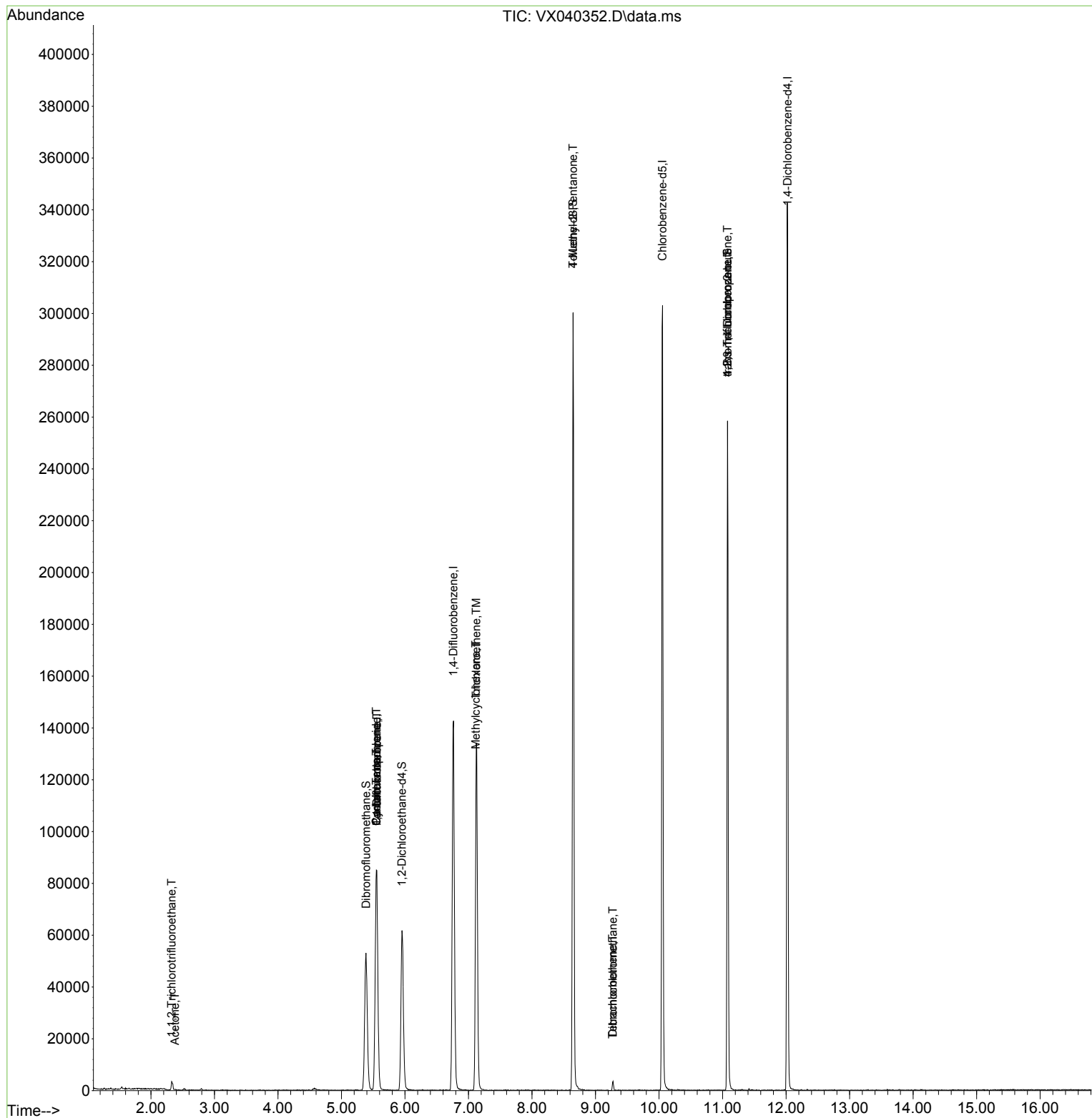
Internal Standards						
1) Pentafluorobenzene	5.556	168	78415	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	139394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59993	51.426	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.860%	
35) Dibromofluoromethane	5.385	113	44911	46.136	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.280%	
50) Toluene-d8	8.647	98	171328	47.050	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.100%	
62) 4-Bromofluorobenzene	11.079	95	66197	44.574	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.140%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	1413	1.699	ug/l	95
16) Acetone	2.380	43	395	0.824	ug/l	# 47
20) Methylene Chloride	2.794	84	233	Below Cal	#	78
31) Cyclohexane	5.550	56	2089	1.501	ug/l	# 28
36) 1,1-Dichloropropene	5.556	75	6927	5.080	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	8853	6.828	ug/l	# 15
39) Methylcyclohexane	7.116	83	631	0.398	ug/l	# 1
44) Trichloroethene	7.123	130	48897	46.485	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	874	0.540	ug/l	# 1
60) Dibromochloromethane	9.275	129	570	0.525	ug/l	# 11
64) Tetrachloroethene	9.269	164	512	0.547	ug/l	# 78
76) 1,2,3-Trichloropropane	11.079	75	37101	27.015	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	37101	74.026	ug/l	# 5

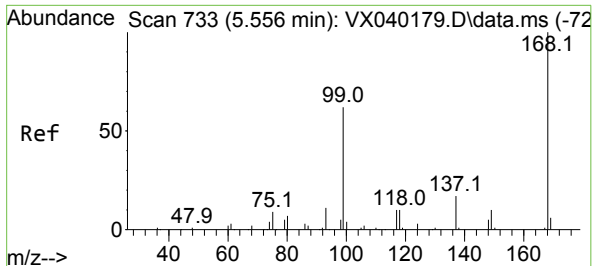
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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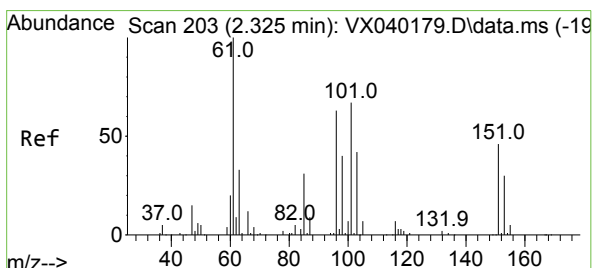
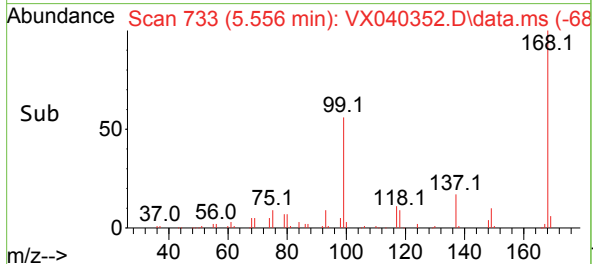
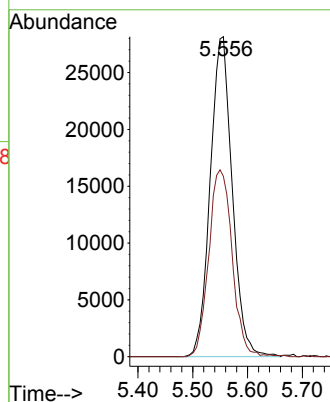
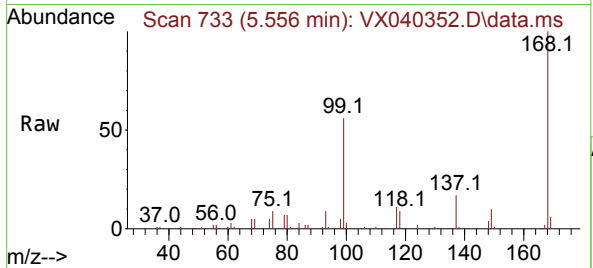




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

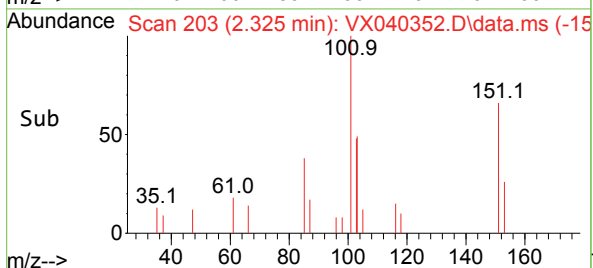
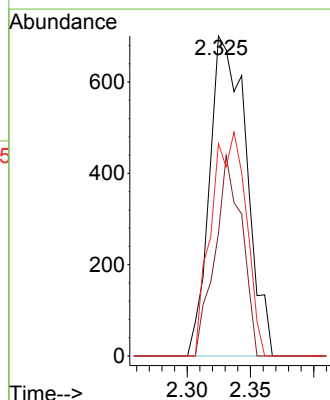
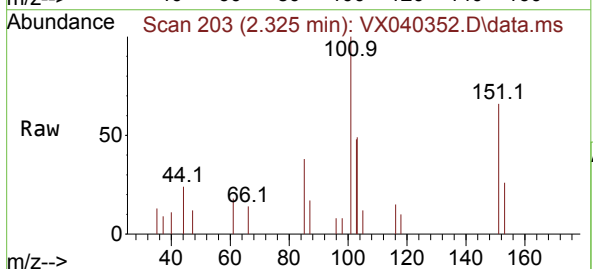
Instrument :
MSVOA_X
ClientSampleId :
RW4-20240215DL

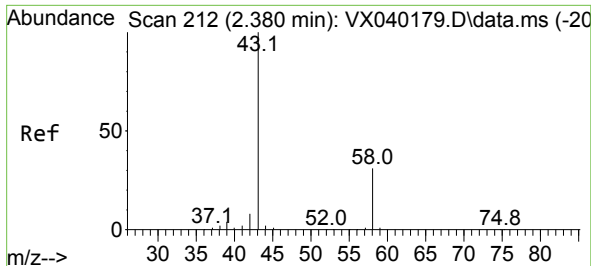
Tgt Ion:168 Resp: 78415
Ion Ratio Lower Upper
168 100
99 56.3 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.699 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

Tgt Ion:101 Resp: 1413
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 66.3 58.6 87.8

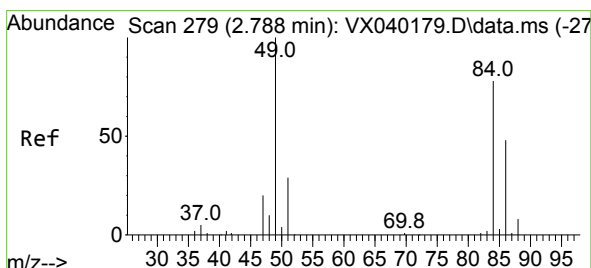
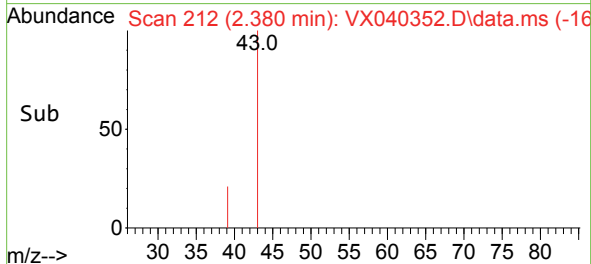
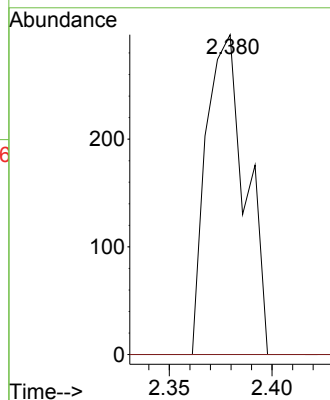
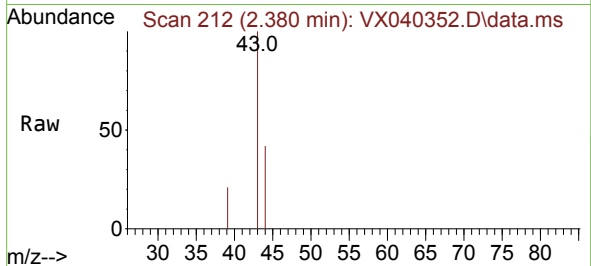




#16
Acetone
Concen: 0.824 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

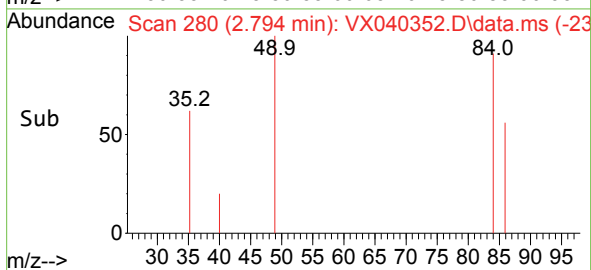
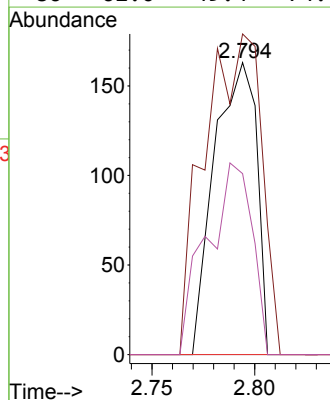
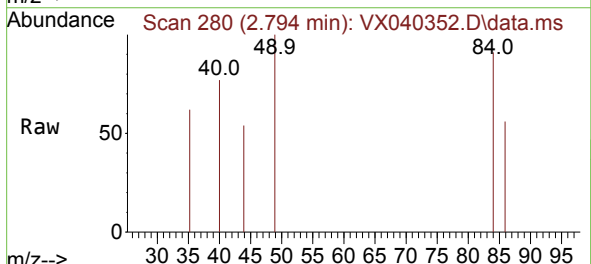
Instrument :
MSVOA_X
ClientSampleId :
RW4-20240215DL

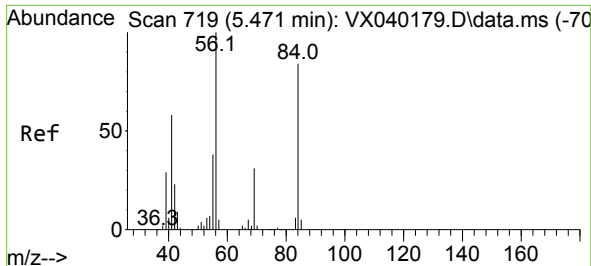
Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

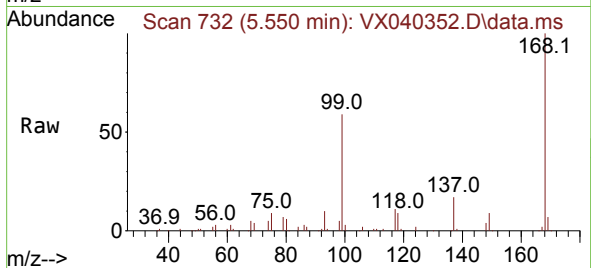
Tgt Ion: 84 Resp: 233
Ion Ratio Lower Upper
84 100
49 109.8 103.6 155.4
51 0.0 33.8 50.6#
86 62.0 49.4 74.0



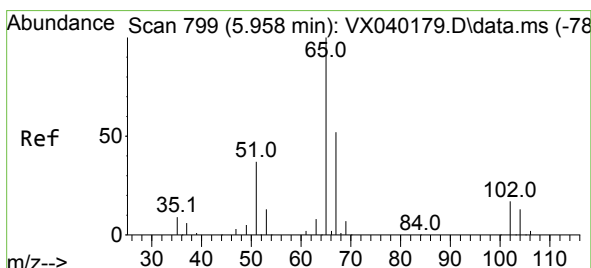
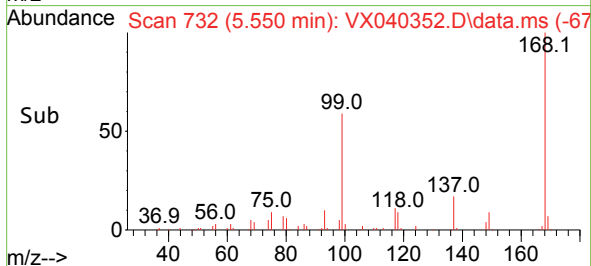
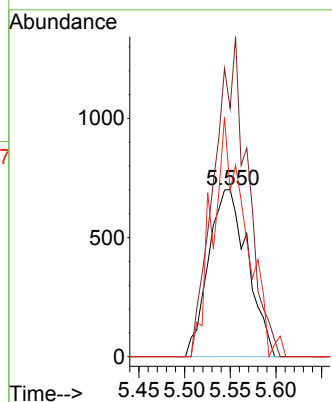


#31
Cyclohexane
Concen: 1.501 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

Instrument :
MSVOA_X
ClientSampleId :
RW4-20240215DL

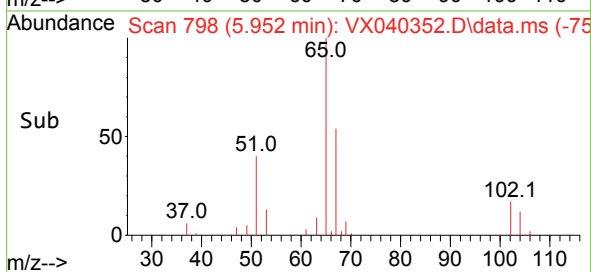
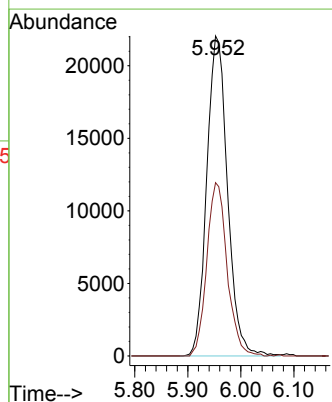
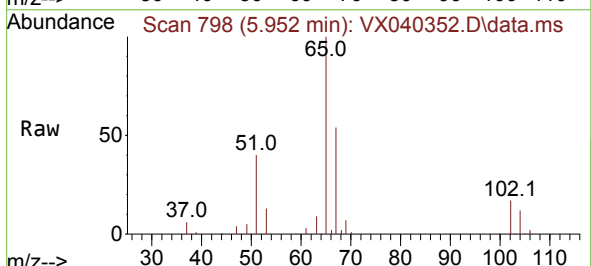


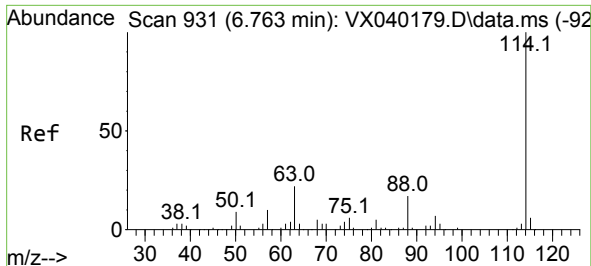
Tgt Ion: 56 Resp: 2089
Ion Ratio Lower Upper
56 100
69 148.6 23.4 35.2#
84 99.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.426 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

Tgt Ion: 65 Resp: 59993
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

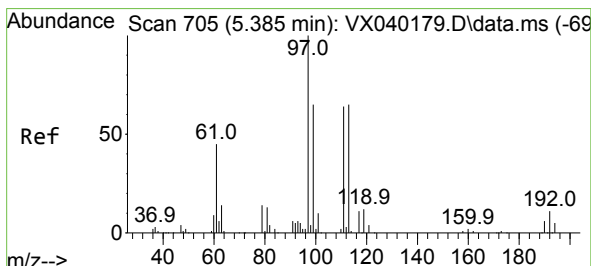
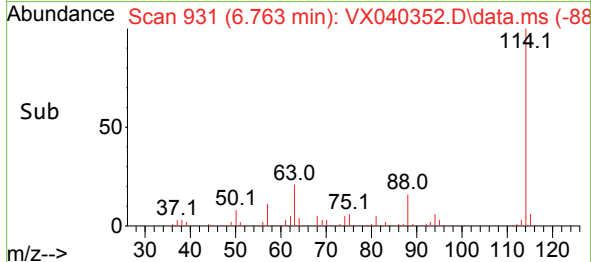
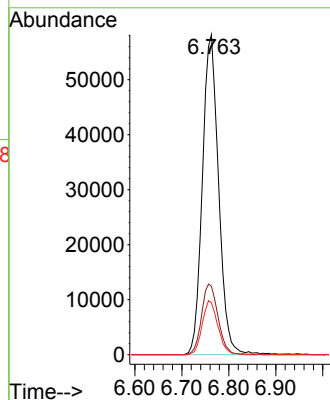
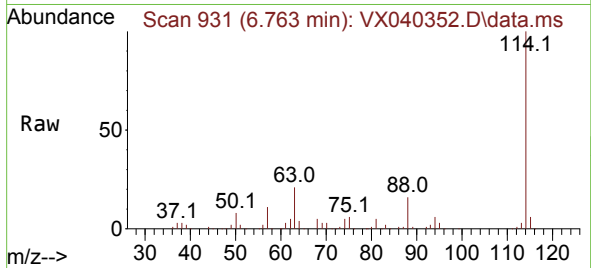




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

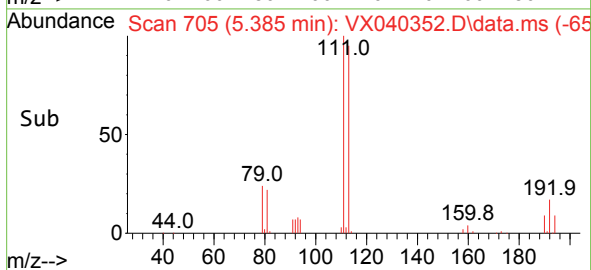
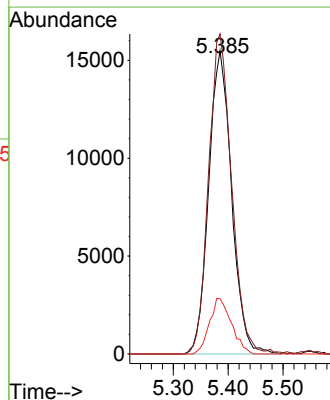
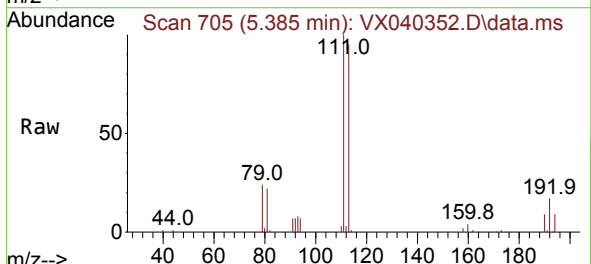
Instrument :
MSVOA_X
ClientSampleId :
RW4-20240215DL

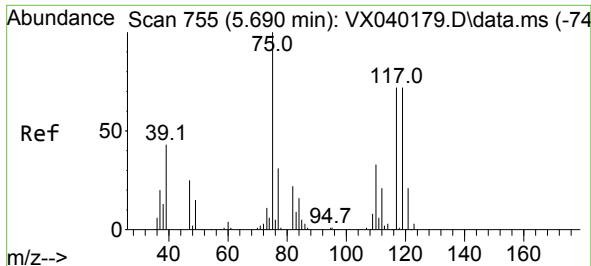
Tgt Ion:114 Resp: 139394
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.136 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

Tgt Ion:113 Resp: 44911
Ion Ratio Lower Upper
113 100
111 105.6 82.9 124.3
192 17.6 13.3 19.9

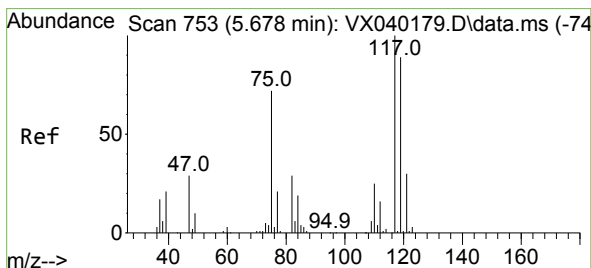
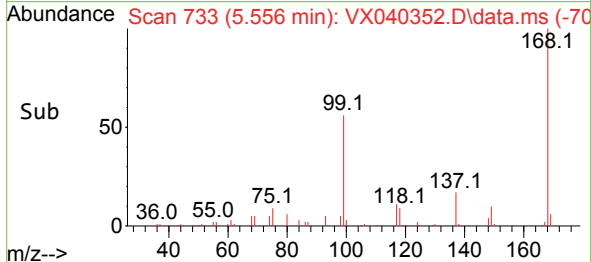
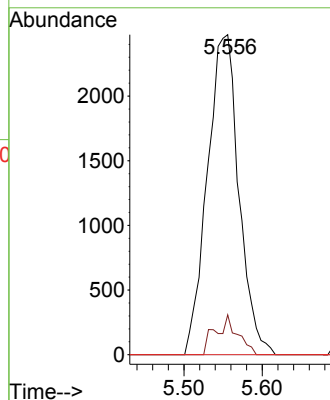
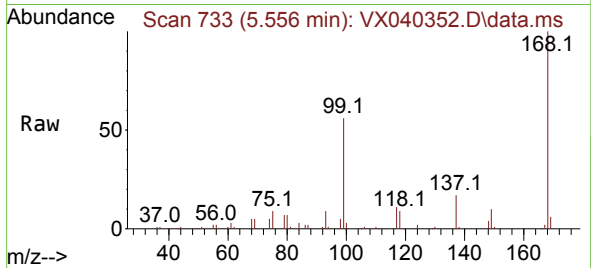




#36
1,1-Dichloropropene
Concen: 5.080 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

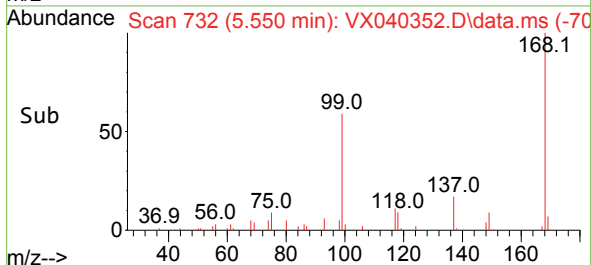
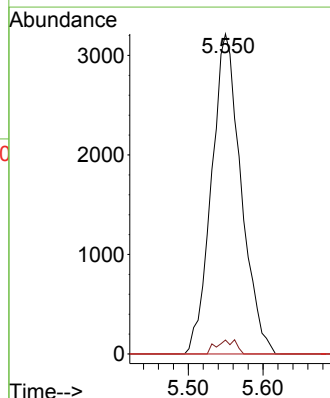
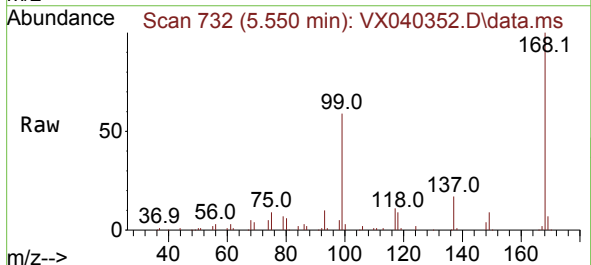
Instrument :
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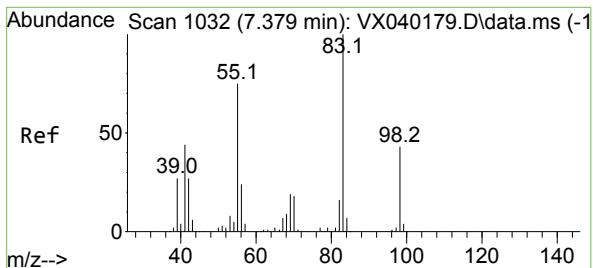
Tgt Ion: 75 Resp: 6927
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.828 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

Tgt Ion: 117 Resp: 8853
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.398 ug/l

RT: 7.116 min Scan# 989

Delta R.T. -0.262 min

Lab File: VX040352.D

Acq: 20 Feb 2024 13:30

Instrument :

MSVOA_X

ClientSampleId :

RW4-20240215DL

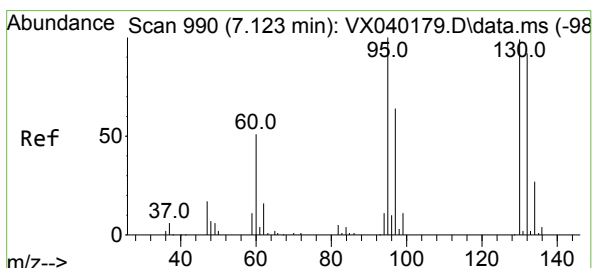
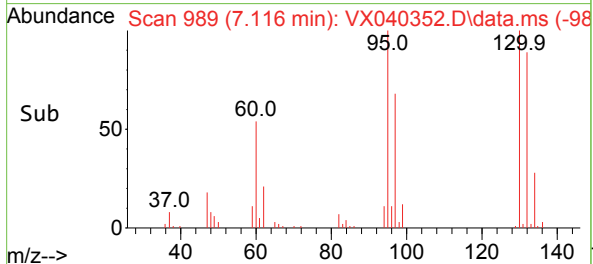
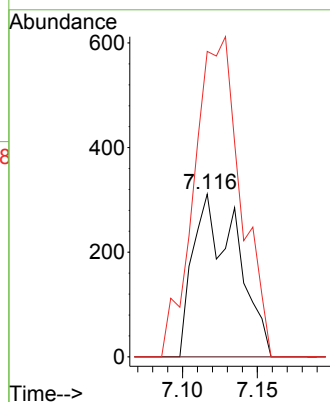
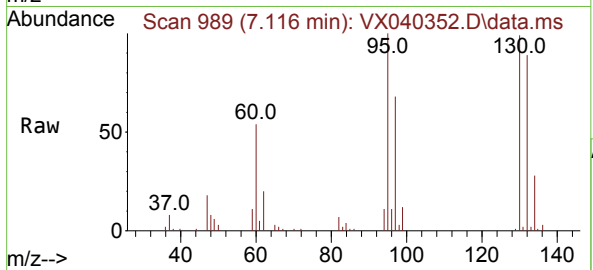
Tgt Ion: 83 Resp: 631

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 187.8 36.7 55.1#



#44

Trichloroethene

Concen: 46.485 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040352.D

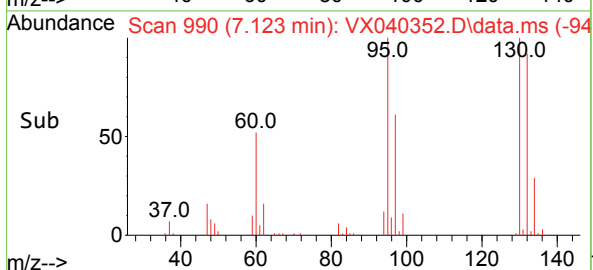
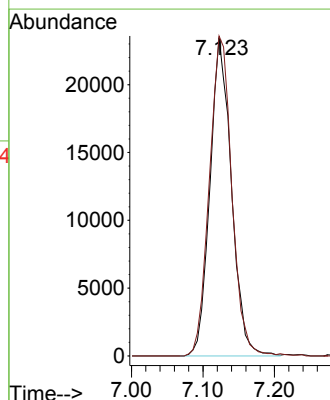
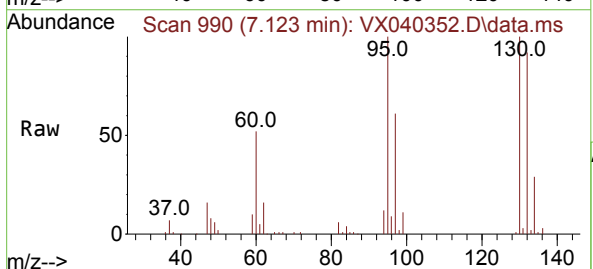
Acq: 20 Feb 2024 13:30

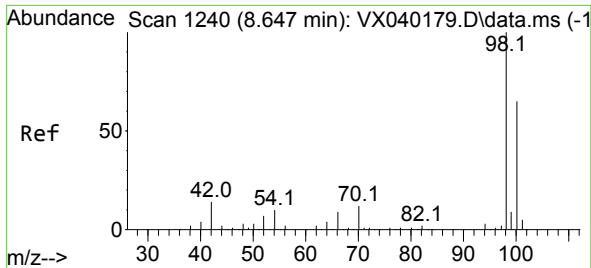
Tgt Ion:130 Resp: 48897

Ion Ratio Lower Upper

130 100

95 100.4 0.0 204.4

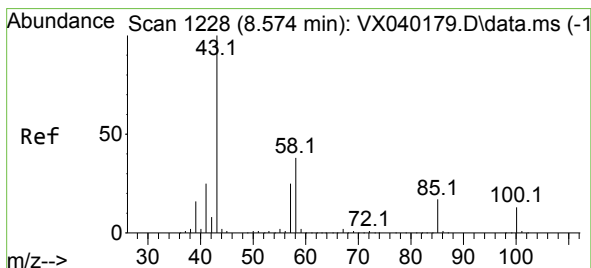
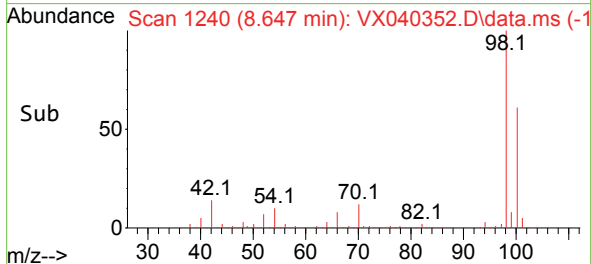
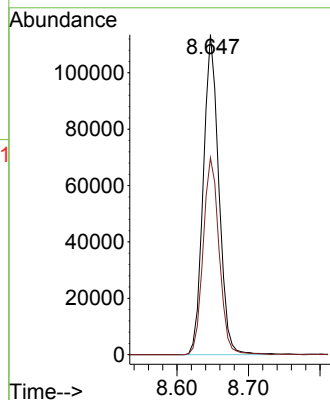
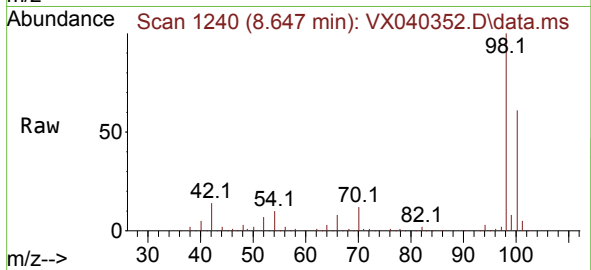




#50
Toluene-d8
Concen: 47.050 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

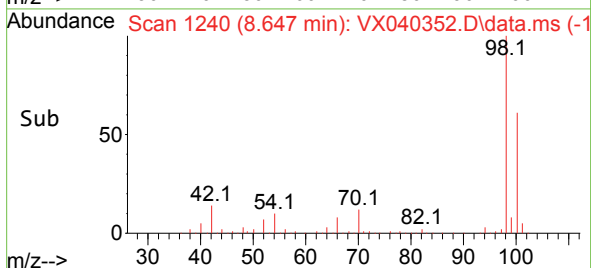
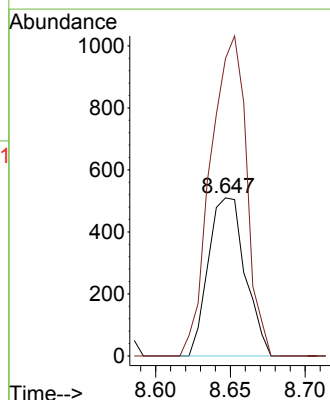
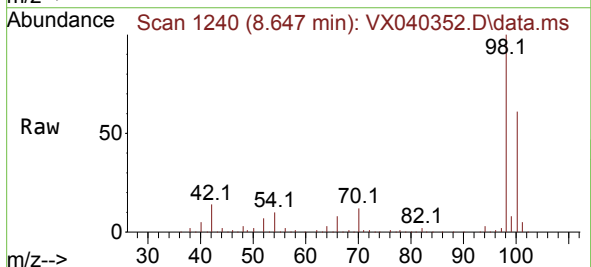
Instrument :
MSVOA_X
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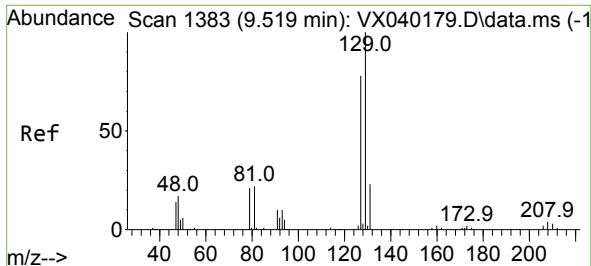
Tgt Ion: 98 Resp: 171328
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 197.5 30.4 45.6#

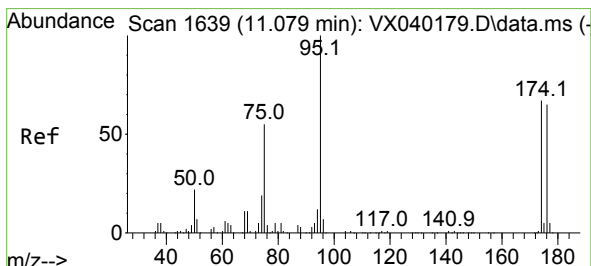
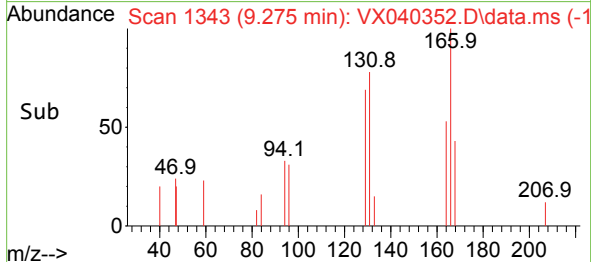
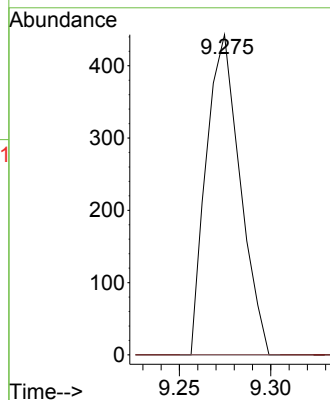
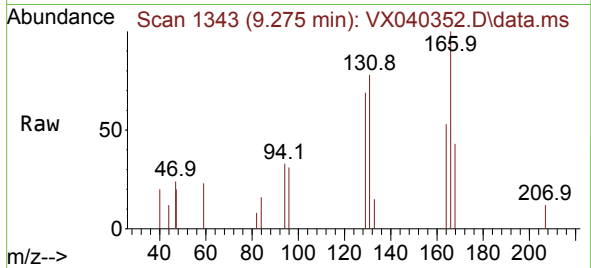




#60
Dibromochloromethane
Concen: 0.525 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

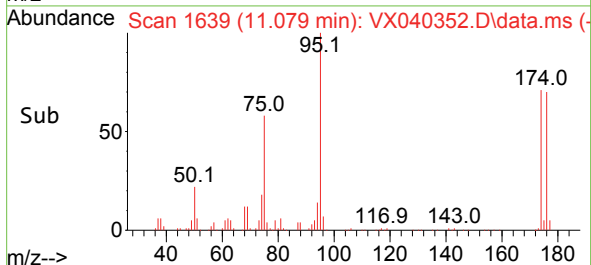
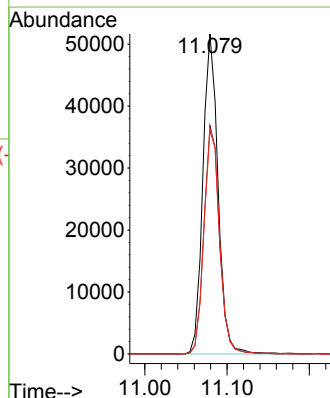
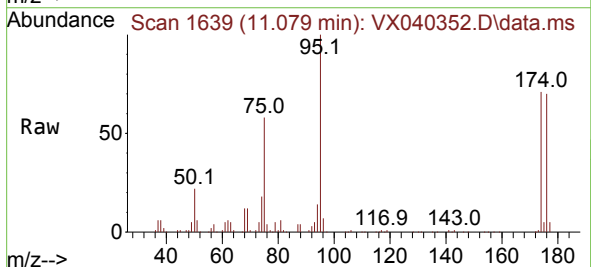
Instrument :
MSVOA_X
ClientSampleId :
RW4-20240215DL

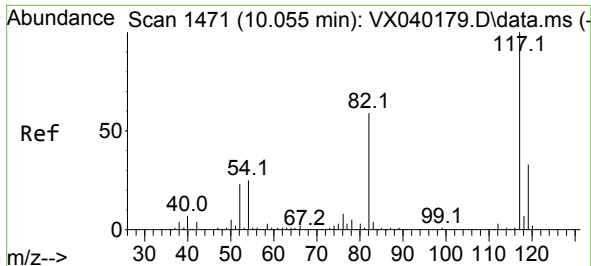
Tgt Ion:129 Resp: 570
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 44.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

Tgt Ion: 95 Resp: 66197
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 72.0 0.0 131.0

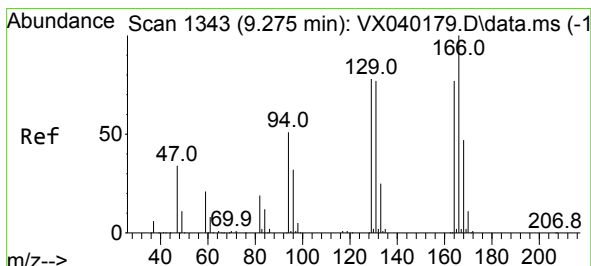
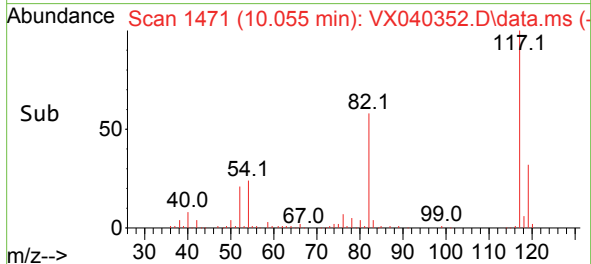
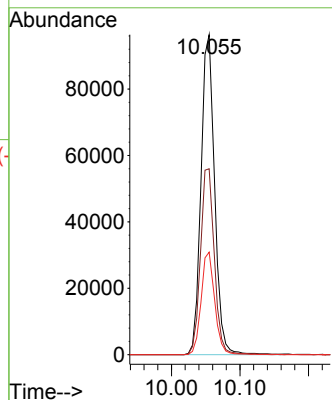
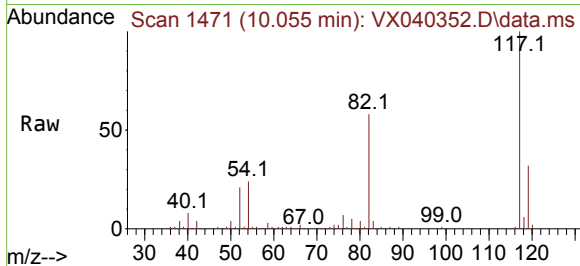




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

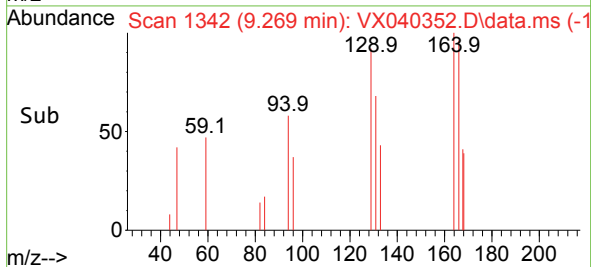
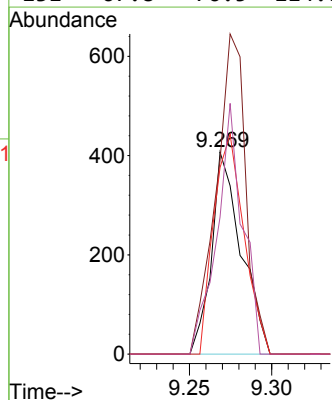
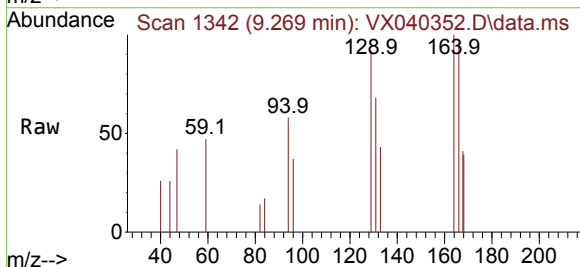
Instrument :
MSVOA_X
ClientSampleId :
RW4-20240215DL

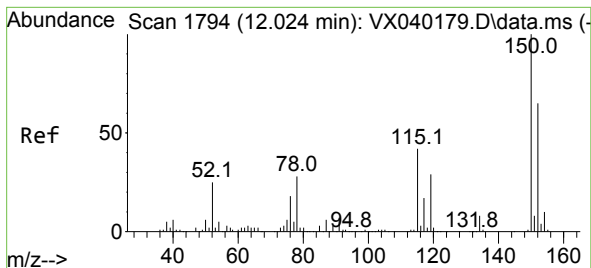
Tgt Ion:117 Resp: 133679
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.547 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

Tgt Ion:164 Resp: 512
Ion Ratio Lower Upper
164 100
166 95.8 102.7 154.1#
129 92.4 80.4 120.6
131 67.8 76.5 114.7#

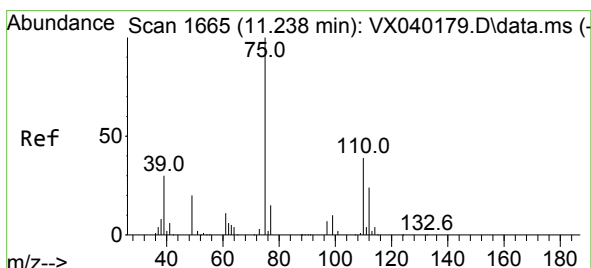
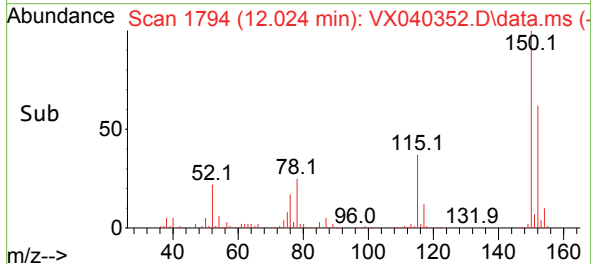
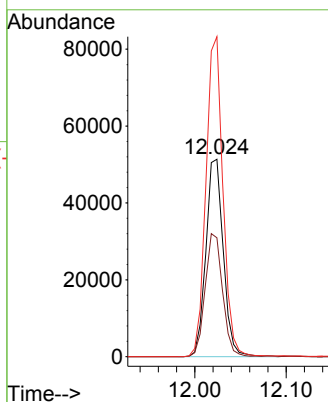
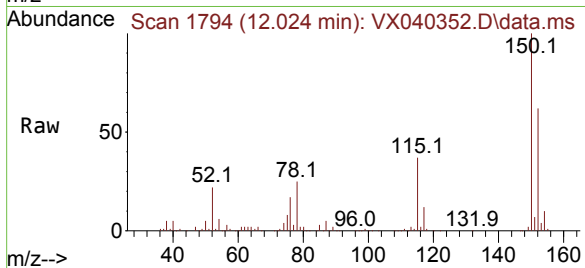




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

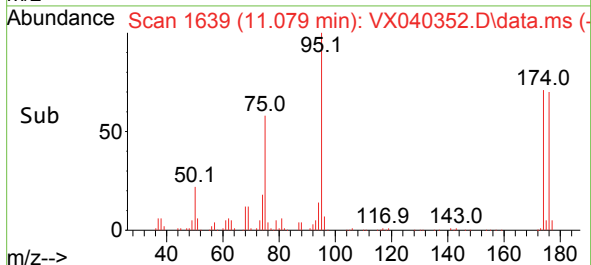
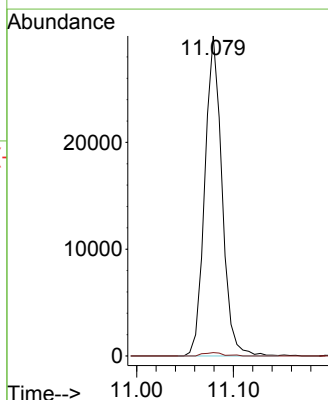
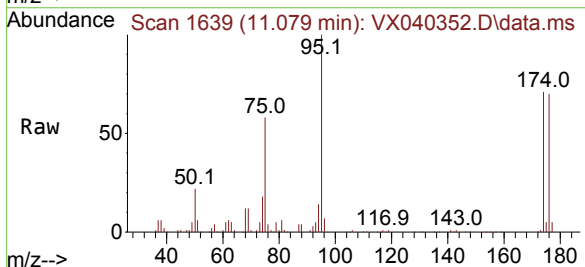
Instrument :
MSVOA_X
ClientSampleId :
RW4-20240215DL

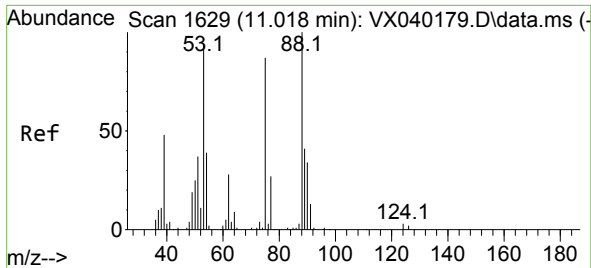
Tgt Ion:152 Resp: 67818
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 157.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 27.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040352.D
Acq: 20 Feb 2024 13:30

Tgt Ion: 75 Resp: 37101
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.026 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040352.D
 Acq: 20 Feb 2024 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20240215DL

Tgt Ion: 75 Resp: 37101
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

