

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040391.D
 Acq On : 21 Feb 2024 18:54
 Operator : JC/MD
 Sample : P1532-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01S-20240219

Quant Time: Feb 22 01:13:09 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)

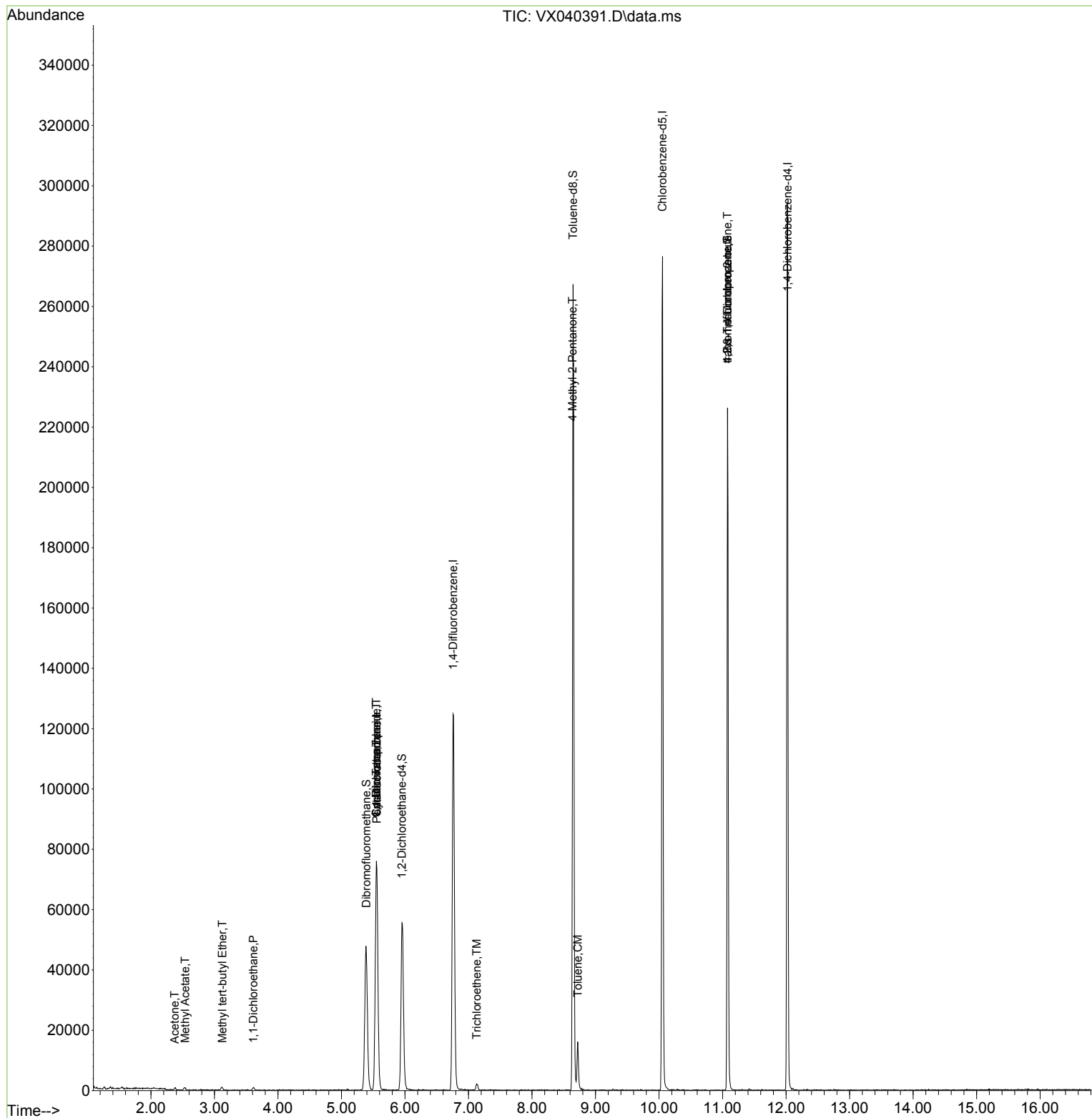
Internal Standards						
1) Pentafluorobenzene	5.556	168	67319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122373	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54890	54.807	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.620%	
35) Dibromofluoromethane	5.391	113	41061	48.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.100%	
50) Toluene-d8	8.647	98	151615	47.428	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.860%	
62) 4-Bromofluorobenzene	11.079	95	58246	44.675	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.360%	
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	925	2.249	ug/l	98
18) Methyl Acetate	2.538	43	270	0.245	ug/l #	53
19) Methyl tert-butyl Ether	3.123	73	995	0.411	ug/l #	54
20) Methylene Chloride	2.794	84	22	Below Cal	#	40
24) 1,1-Dichloroethane	3.611	63	1292	0.917	ug/l #	83
31) Cyclohexane	5.550	56	1914	1.602	ug/l #	25
36) 1,1-Dichloropropene	5.550	75	6544	5.466	ug/l #	53
38) Carbon Tetrachloride	5.550	117	7443	6.539	ug/l #	17
44) Trichloroethene	7.129	130	900	0.975	ug/l	81
51) 4-Methyl-2-Pentanone	8.641	43	733	0.516	ug/l #	1
52) Toluene	8.720	92	5298	2.416	ug/l	83
76) 1,2,3-Trichloropropane	11.079	75	33083	27.702	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	33083	75.819	ug/l #	5

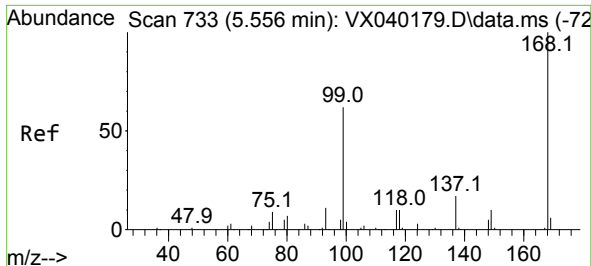
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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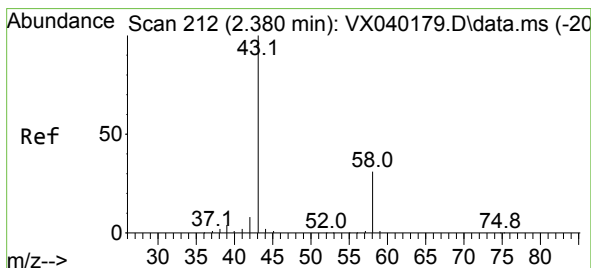
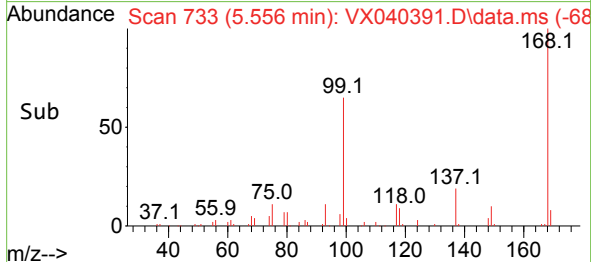
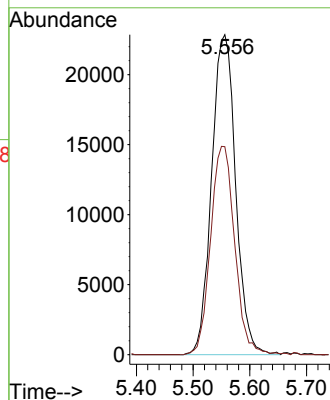
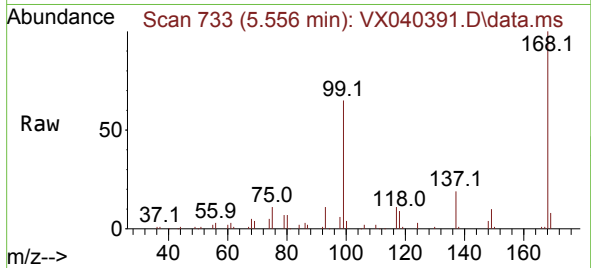




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

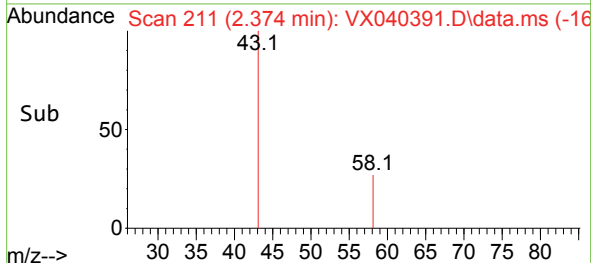
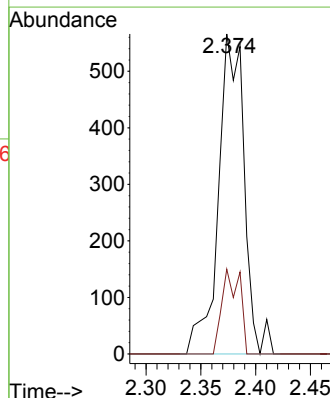
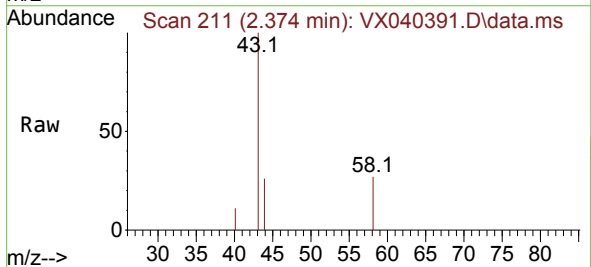
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20240219

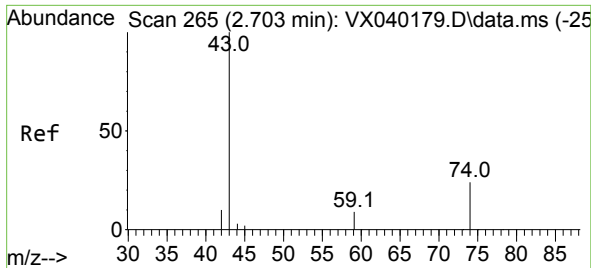
Tgt Ion:168 Resp: 67319
Ion Ratio Lower Upper
168 100
99 65.0 56.6 85.0



#16
Acetone
Concen: 2.249 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
58 26.5 21.9 32.9





#18

Methyl Acetate

Concen: 0.245 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.164 min

Lab File: VX040391.D

Acq: 21 Feb 2024 18:54

Instrument :

MSVOA_X

ClientSampleId :

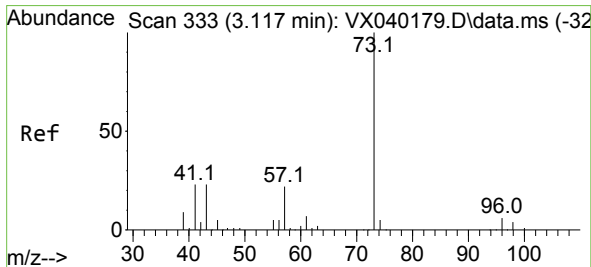
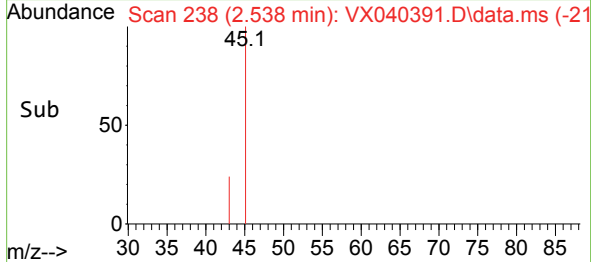
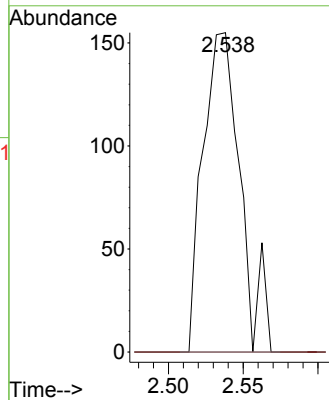
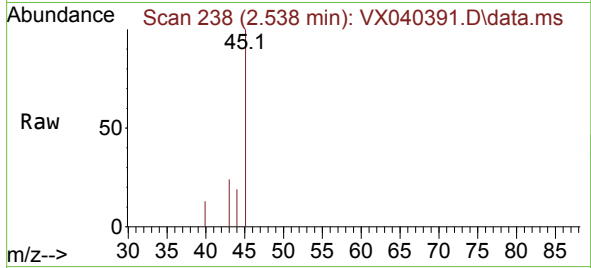
RW11-MW01S-20240219

Tgt Ion: 43 Resp: 270

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#19

Methyl tert-butyl Ether

Concen: 0.411 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX040391.D

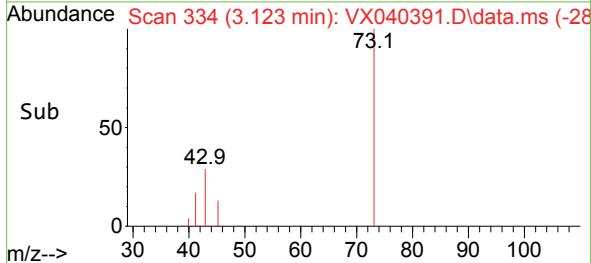
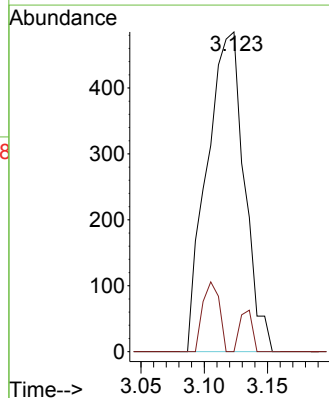
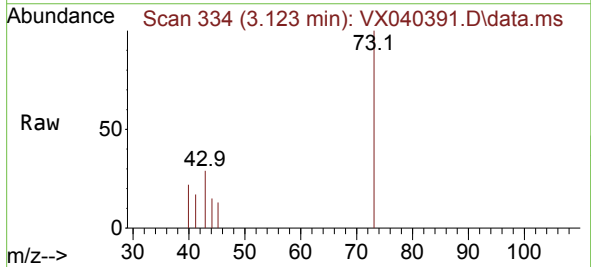
Acq: 21 Feb 2024 18:54

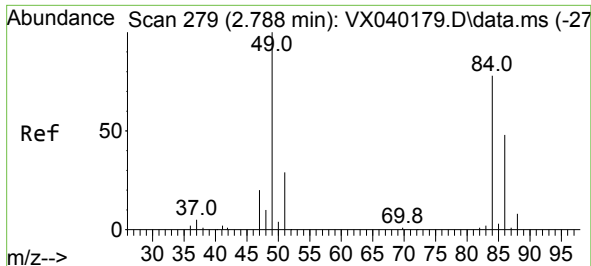
Tgt Ion: 73 Resp: 995

Ion Ratio Lower Upper

73 100

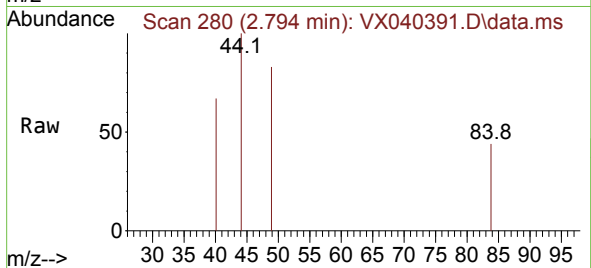
57 0.0 17.3 25.9#



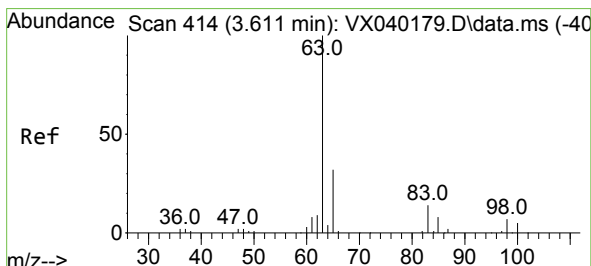
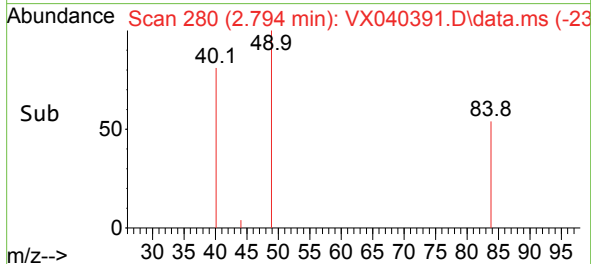
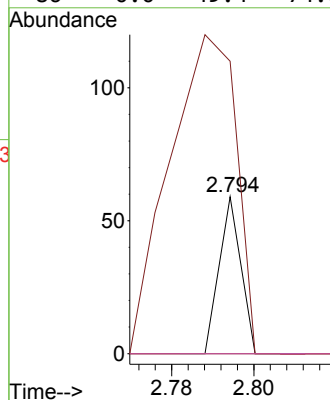


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20240219

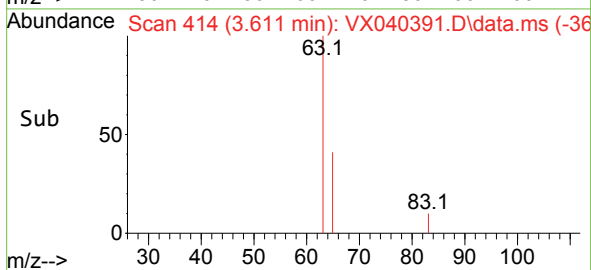
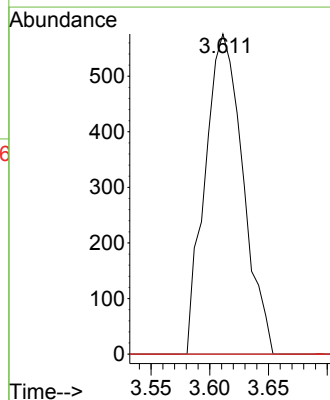
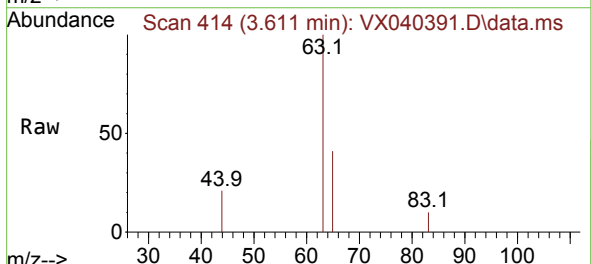


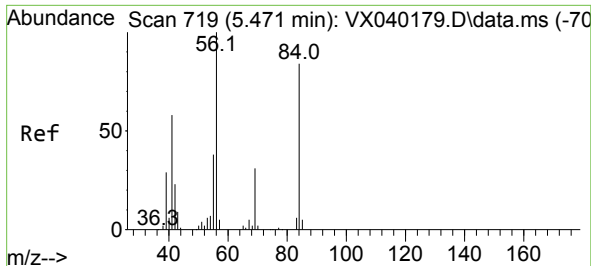
Tgt Ion: 84 Resp: 22
Ion Ratio Lower Upper
84 100
49 186.4 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#



#24
1,1-Dichloroethane
Concen: 0.917 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

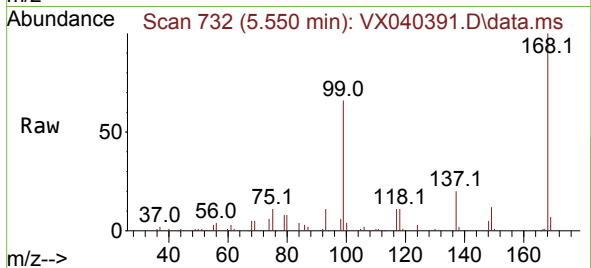
Tgt Ion: 63 Resp: 1292
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



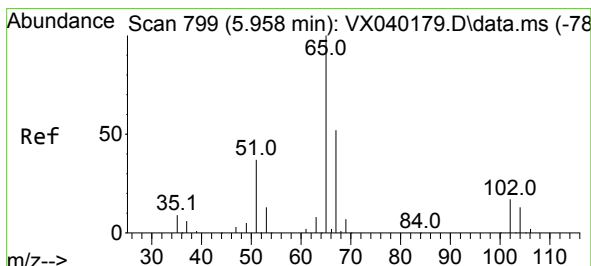
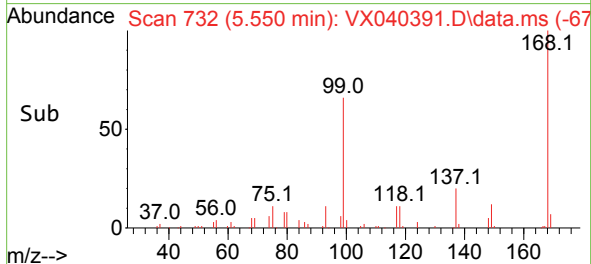
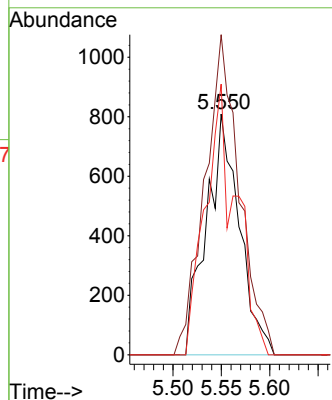


#31
Cyclohexane
Concen: 1.602 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20240219

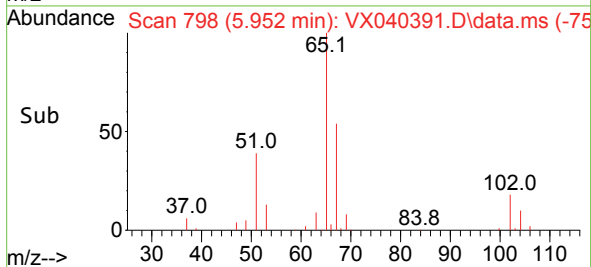
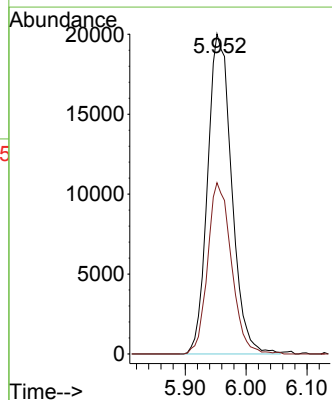
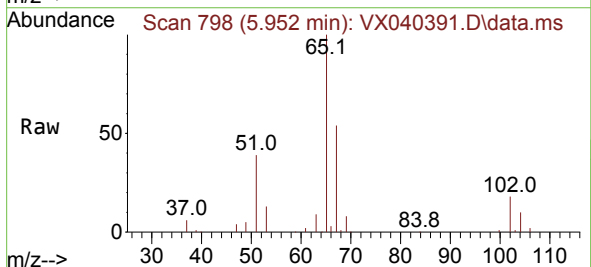


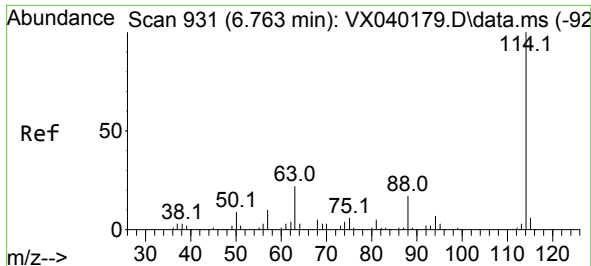
Tgt Ion: 56 Resp: 1914
Ion Ratio Lower Upper
56 100
69 133.0 23.4 35.2#
84 112.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 54.807 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

Tgt Ion: 65 Resp: 54890
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

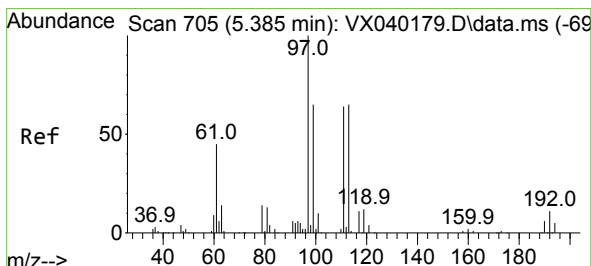
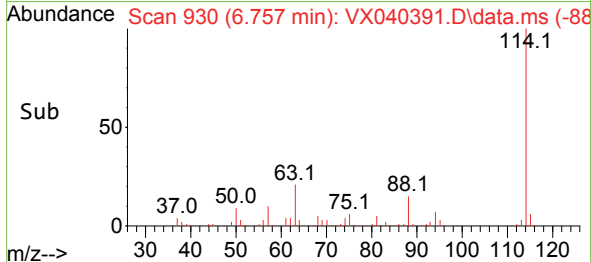
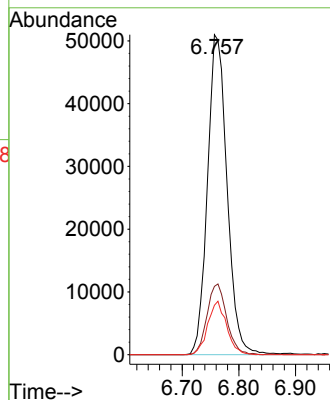
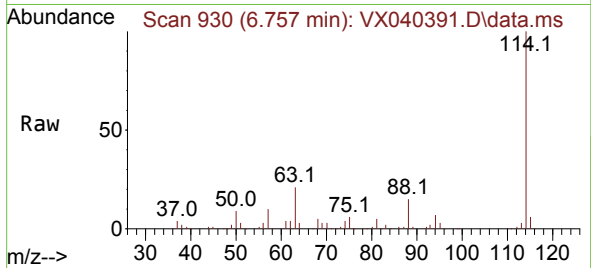




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

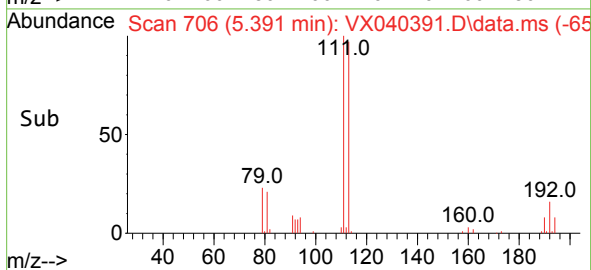
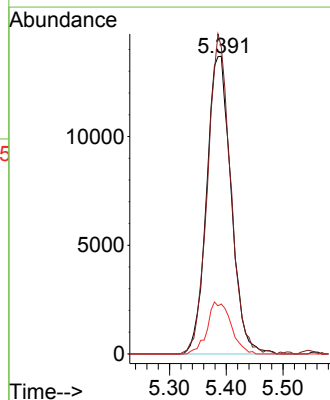
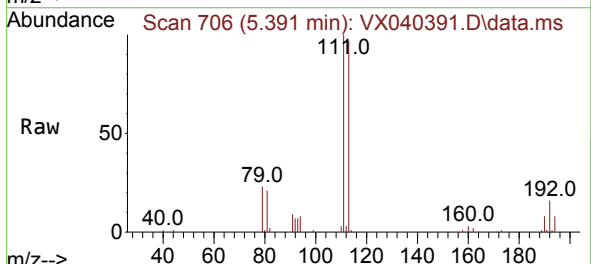
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20240219

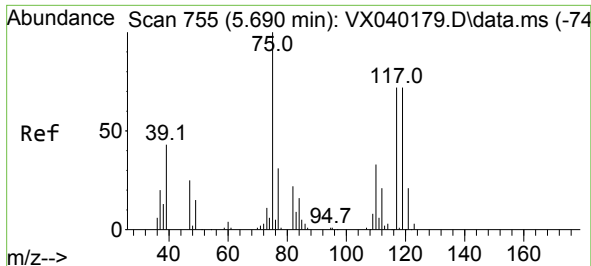
Tgt Ion:114 Resp: 122373
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.048 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

Tgt Ion:113 Resp: 41061
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 17.0 13.3 19.9

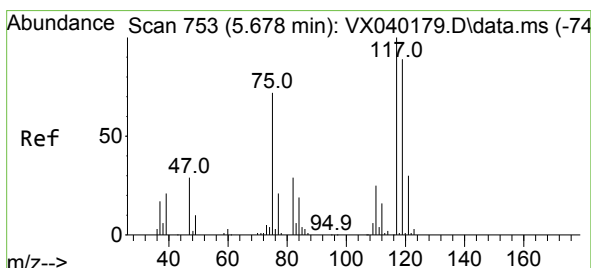
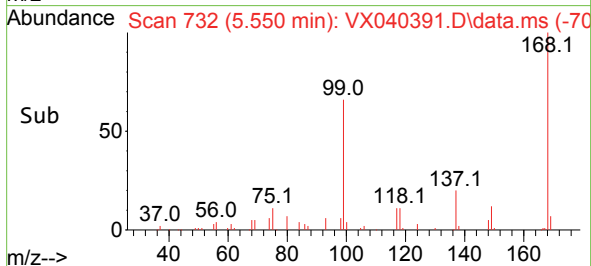
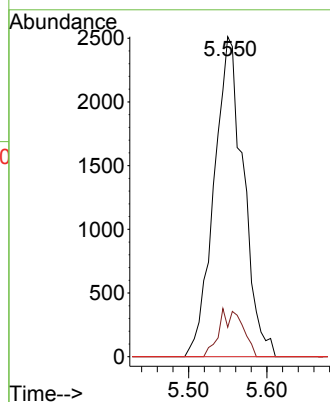
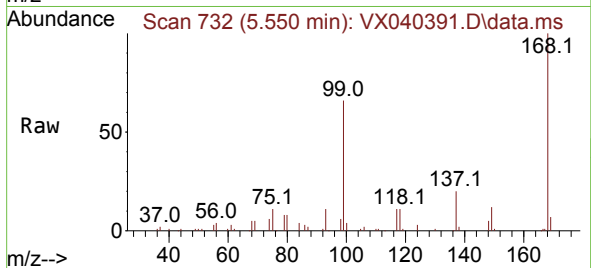




#36
1,1-Dichloropropene
Concen: 5.466 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

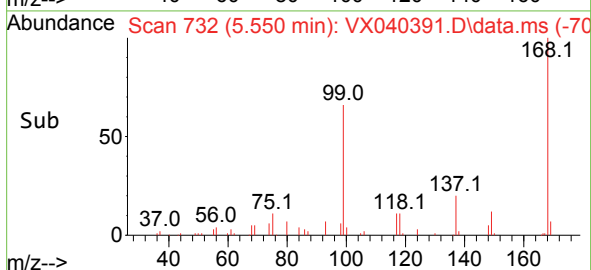
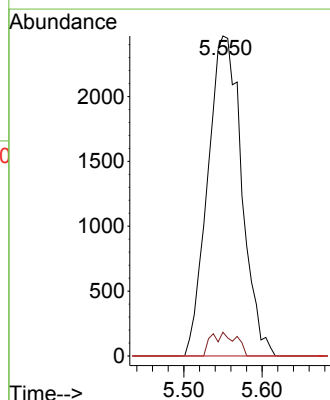
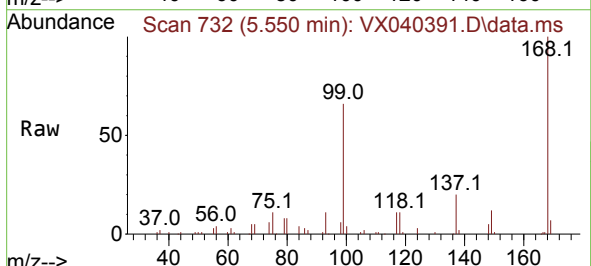
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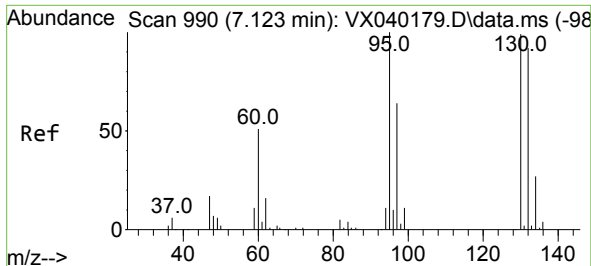
Tgt Ion: 75 Resp: 6544
Ion Ratio Lower Upper
75 100
110 11.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.539 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

Tgt Ion: 117 Resp: 7443
Ion Ratio Lower Upper
117 100
119 7.4 78.2 117.2#
121 0.0 24.4 36.6#

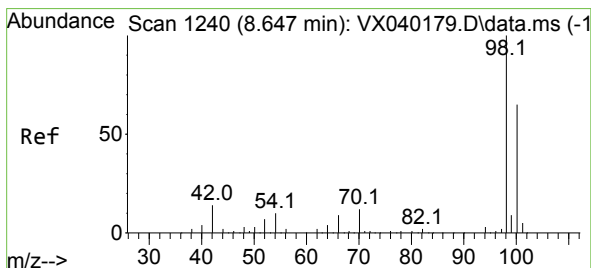
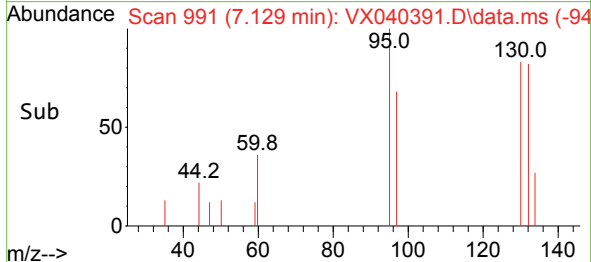
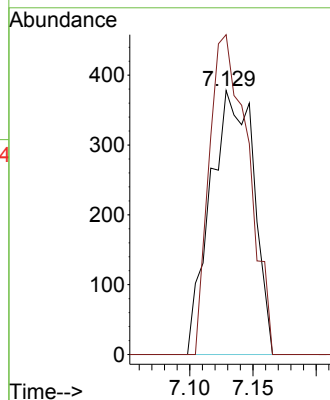
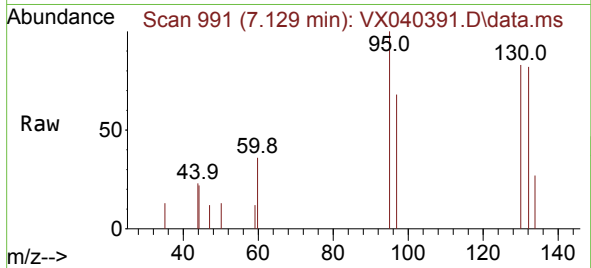




#44
Trichloroethene
Concen: 0.975 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

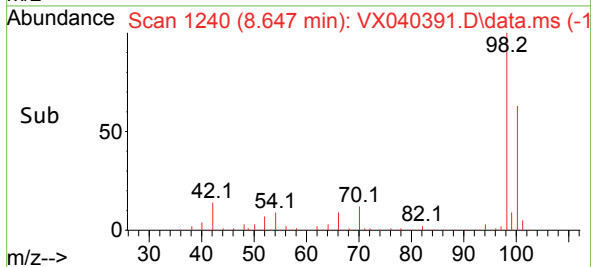
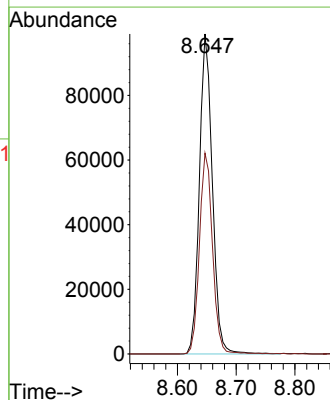
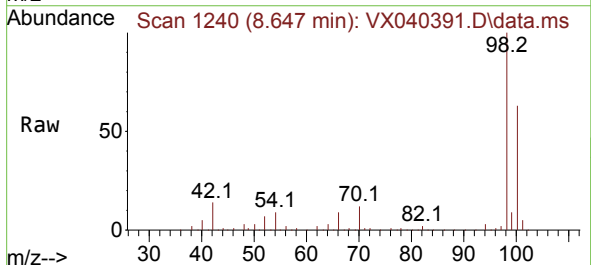
Instrument :
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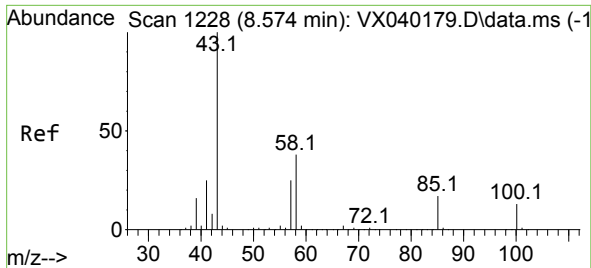
Tgt Ion:130 Resp: 900
Ion Ratio Lower Upper
130 100
95 121.2 0.0 204.4



#50
Toluene-d8
Concen: 47.428 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

Tgt Ion: 98 Resp: 151615
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

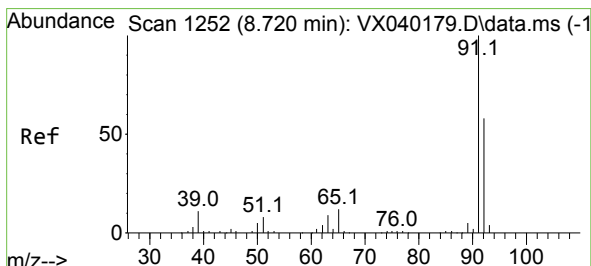
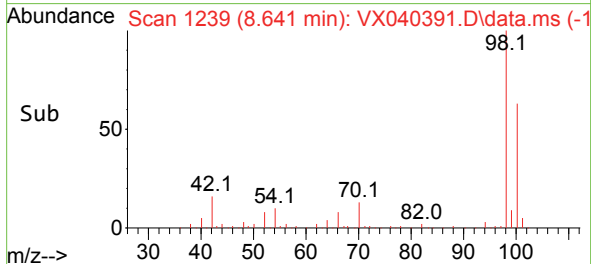
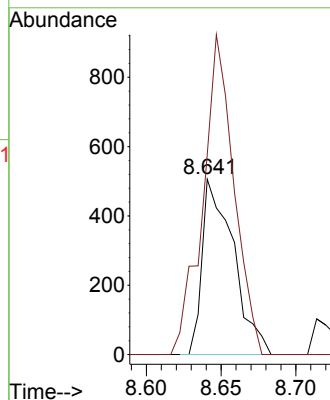
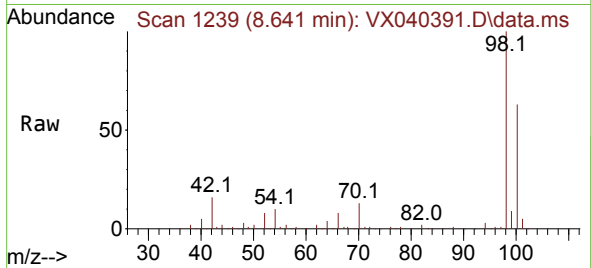




#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

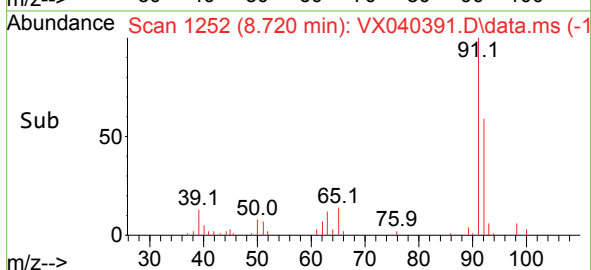
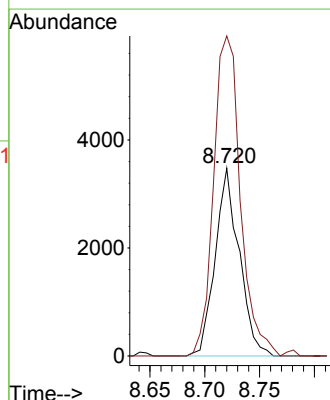
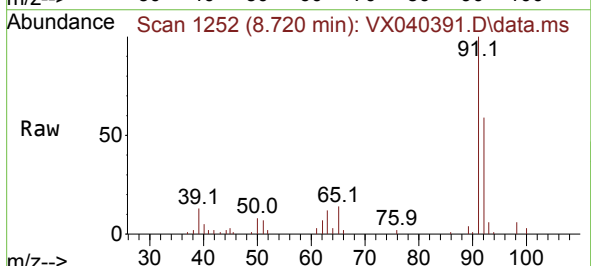
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20240219

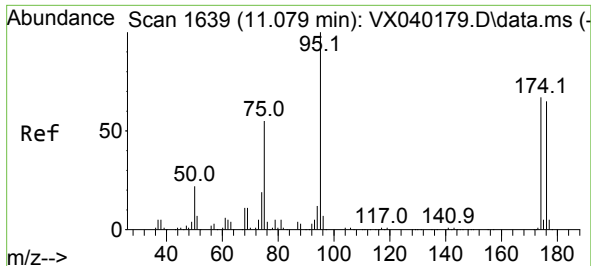
Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
58 182.7 30.4 45.6#



#52
Toluene
Concen: 2.416 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

Tgt Ion: 92 Resp: 5298
Ion Ratio Lower Upper
92 100
91 190.5 134.2 201.2

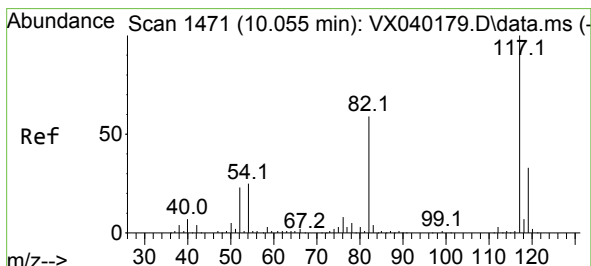
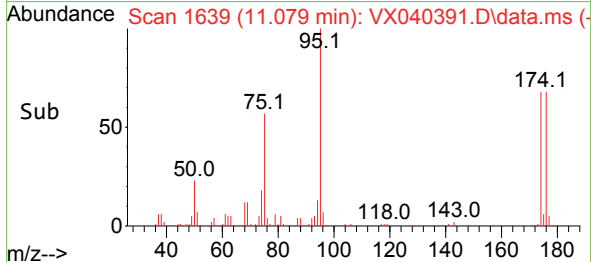
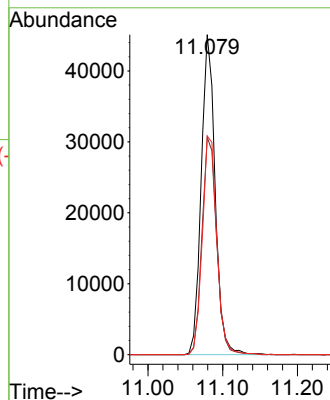
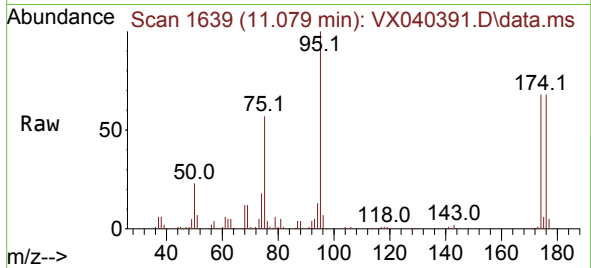




#62
4-Bromofluorobenzene
Concen: 44.675 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

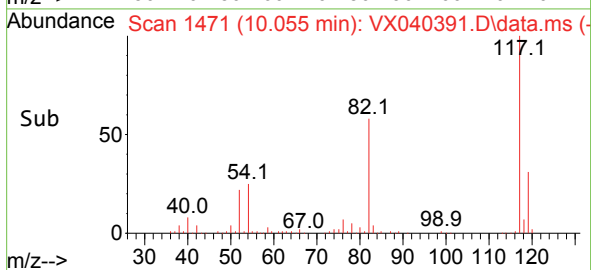
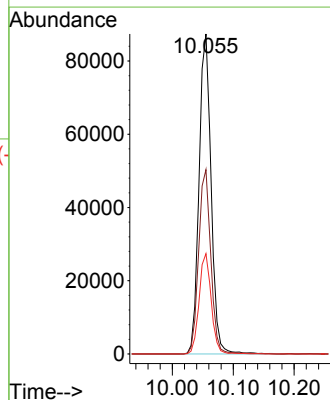
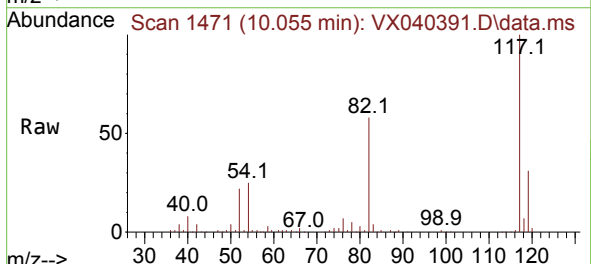
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20240219

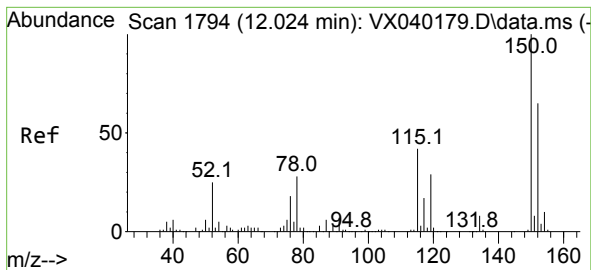
Tgt Ion: 95 Resp: 58246
Ion Ratio Lower Upper
95 100
174 71.5 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040391.D
Acq: 21 Feb 2024 18:54

Tgt Ion: 117 Resp: 119672
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 31.3 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: VX040391.D

Acq: 21 Feb 2024 18:54

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01S-20240219

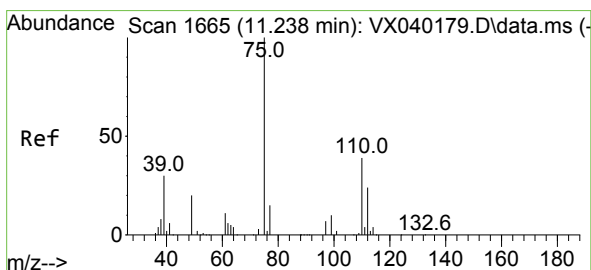
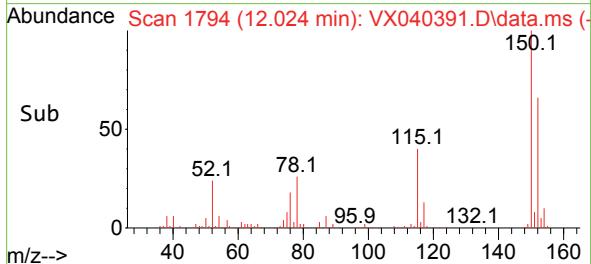
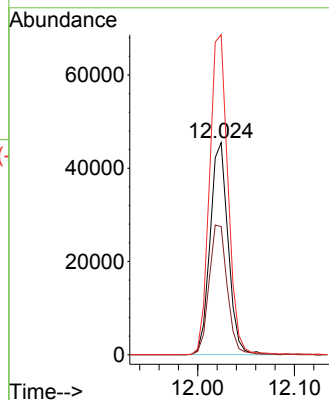
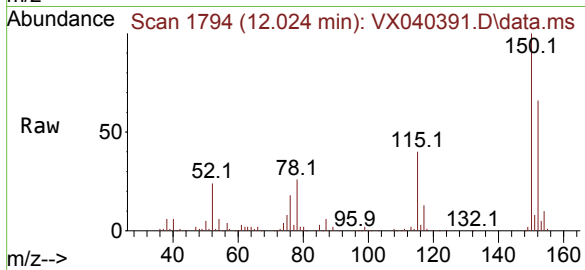
Tgt Ion:152 Resp: 58973

Ion Ratio Lower Upper

152 100

115 61.9 43.3 129.9

150 154.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.702 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040391.D

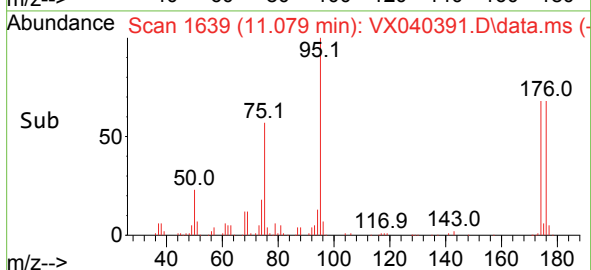
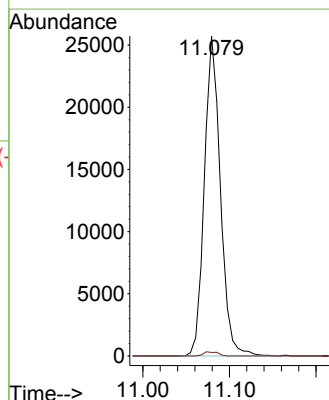
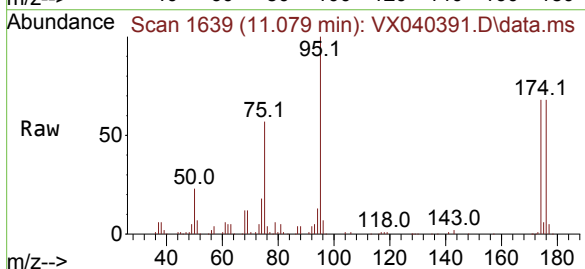
Acq: 21 Feb 2024 18:54

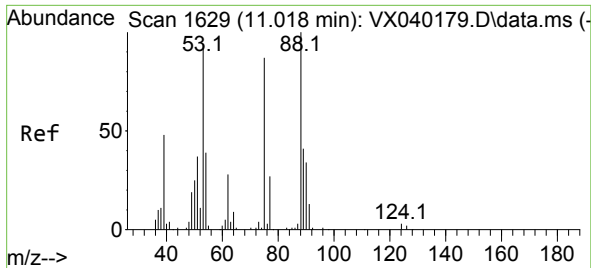
Tgt Ion: 75 Resp: 33083

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.819 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040391.D
 Acq: 21 Feb 2024 18:54

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01S-20240219

Tgt Ion: 75 Resp: 33083
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

