

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043144.D
 Acq On : 25 Sep 2024 11:43
 Operator : JC/MD
 Sample : P4164-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D-20240919

Quant Time: Sep 26 01:32:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

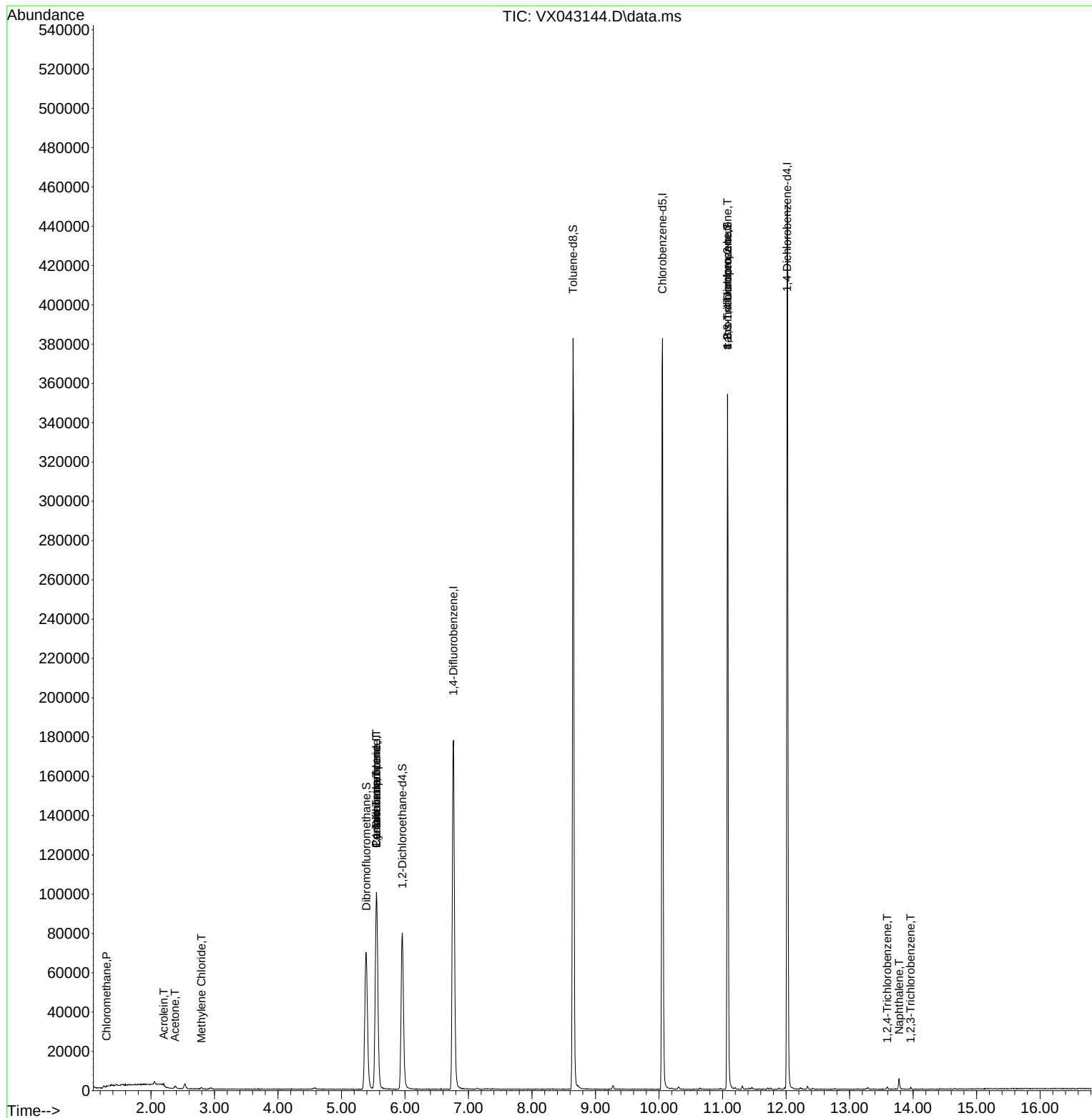
Internal Standards						
1) Pentafluorobenzene	5.550	168	90522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81819	54.415	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.820%			
35) Dibromofluoromethane	5.391	113	61506	48.045	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.080%			
50) Toluene-d8	8.647	98	224924	51.932	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.860%			
62) 4-Bromofluorobenzene	11.079	95	92383	52.965	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.940%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	352	0.357	ug/l #	85
13) Acrolein	2.203	56	23	0.520	ug/l #	1
16) Acetone	2.379	43	1705	2.425	ug/l #	88
20) Methylene Chloride	2.794	84	305	0.273	ug/l #	95
31) Cyclohexane	5.550	56	2277	1.540	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	8050	5.117	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9797	4.835	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	50624	26.700	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	50624	63.615	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.591	180	453	0.253	ug/l	86
95) Naphthalene	13.780	128	4266	0.687	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	367	0.207	ug/l	90

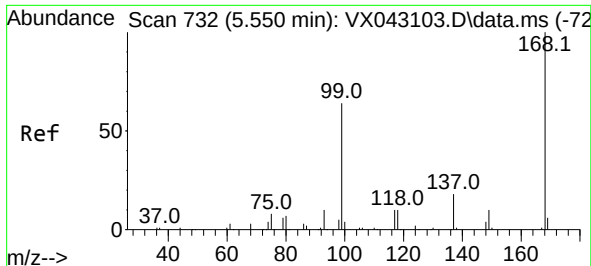
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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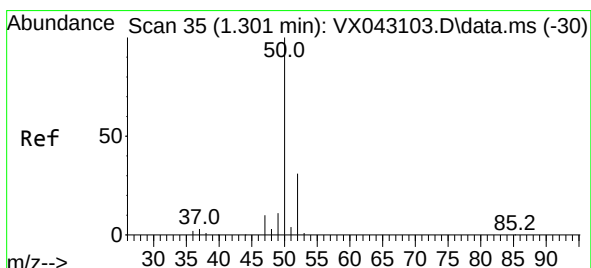
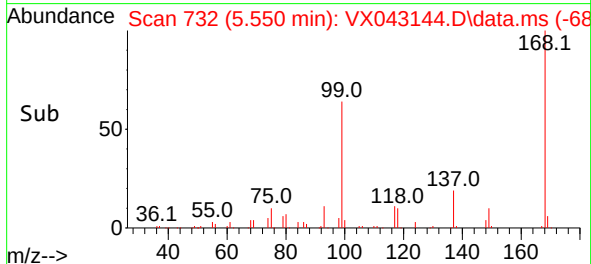
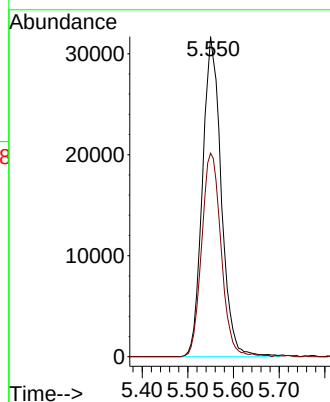
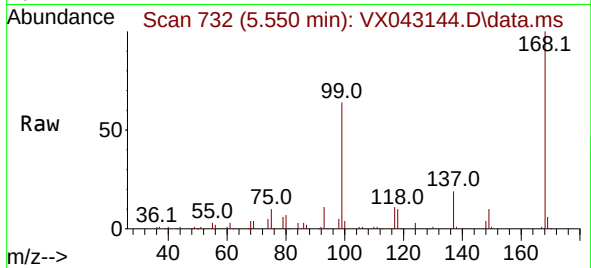




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

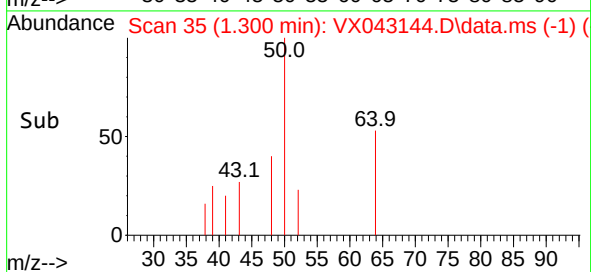
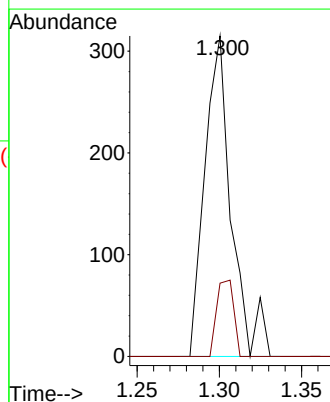
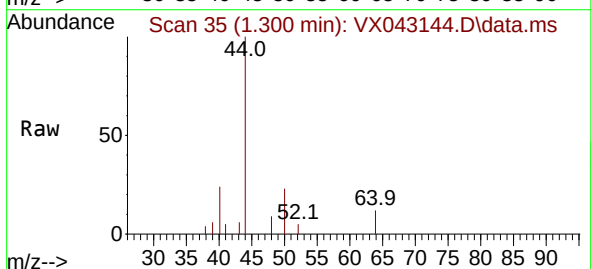
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D-20240919

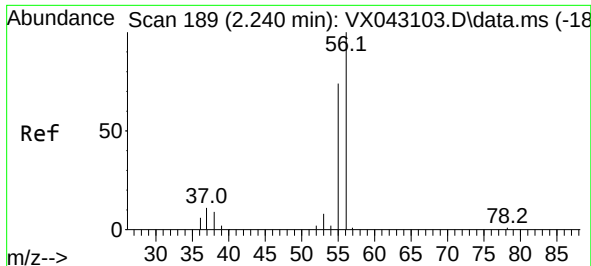
Tgt Ion:168 Resp: 90522
Ion Ratio Lower Upper
168 100
99 63.6 50.8 76.2



#3
Chloromethane
Concen: 0.357 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

Tgt Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 22.9 25.1 37.7#





#13

Acrolein

Concen: 0.520 ug/l

RT: 2.203 min Scan# 183

Delta R.T. -0.037 min

Lab File: VX043144.D

Acq: 25 Sep 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

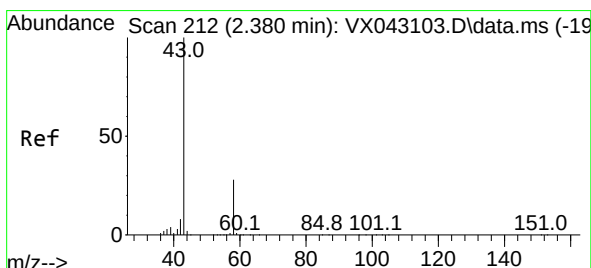
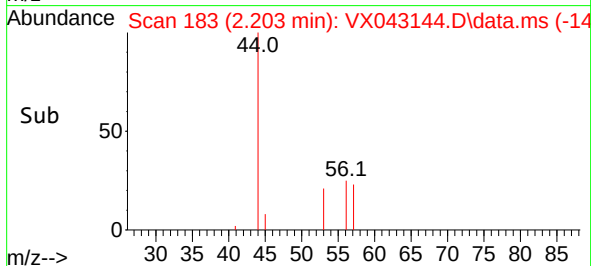
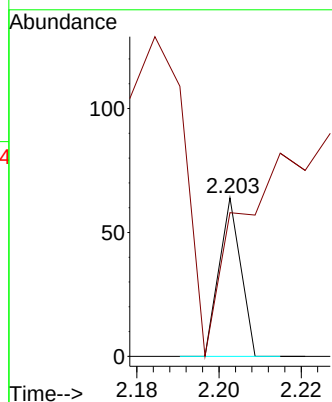
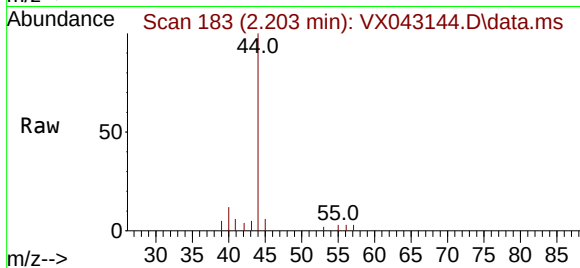
RW8-MW01D-20240919

Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

56 100

55 669.6 55.8 83.6#



#16

Acetone

Concen: 2.425 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX043144.D

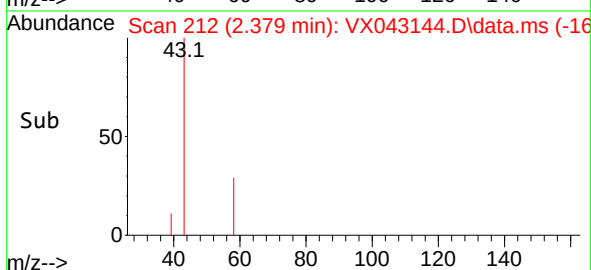
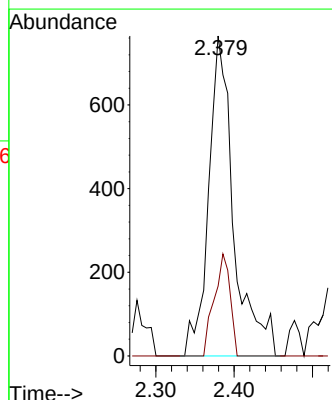
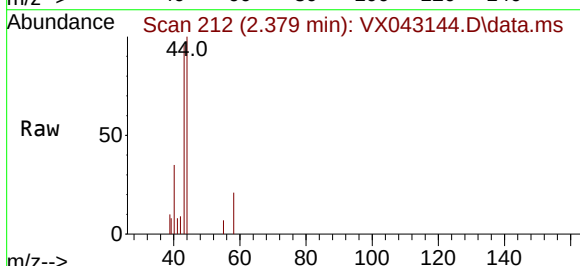
Acq: 25 Sep 2024 11:43

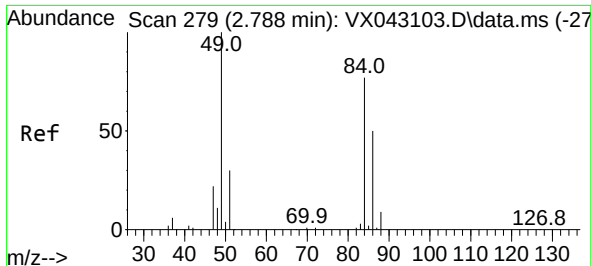
Tgt Ion: 43 Resp: 1705

Ion Ratio Lower Upper

43 100

58 21.8 22.6 34.0#

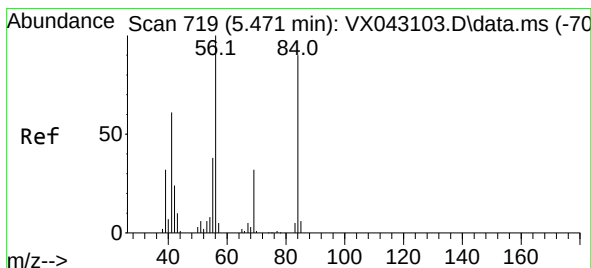
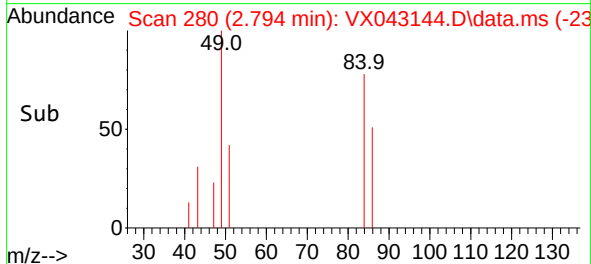
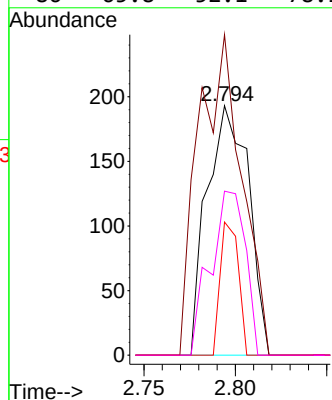
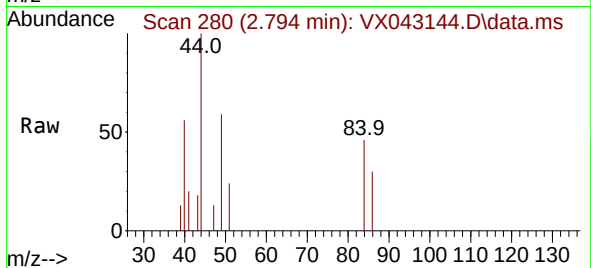




#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

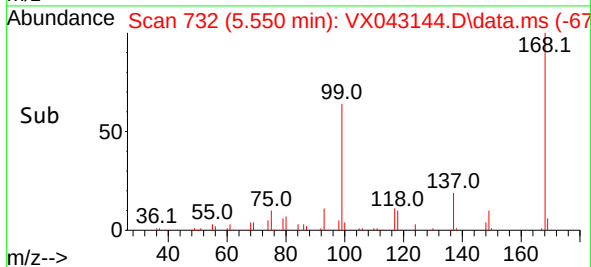
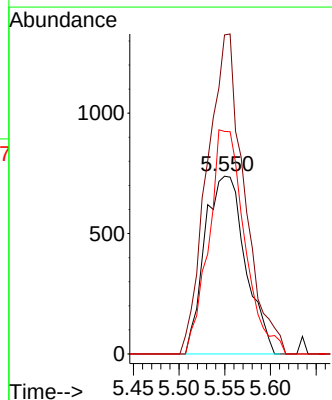
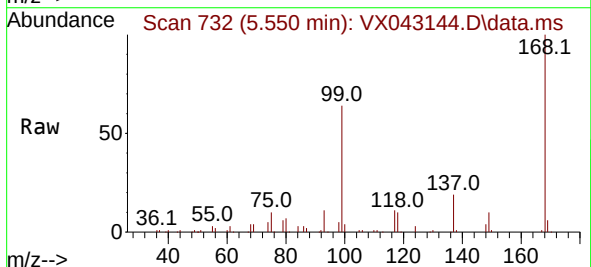
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D-20240919

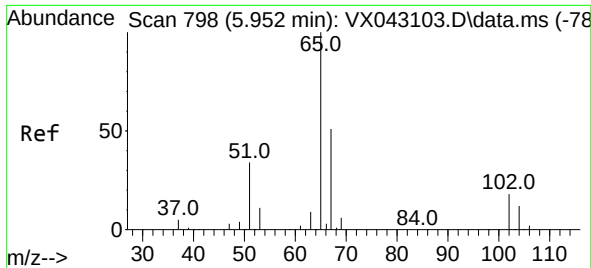
Tgt Ion:	84	Resp:	305
Ion	Ratio	Lower	Upper
84	100		
49	128.5	104.1	156.1
51	53.4	31.1	46.7#
86	65.8	52.1	78.1



#31
Cyclohexane
Concen: 1.540 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

Tgt Ion:	56	Resp:	2277
Ion	Ratio	Lower	Upper
56	100		
69	179.5	25.8	38.6#
84	125.2	72.4	108.6#

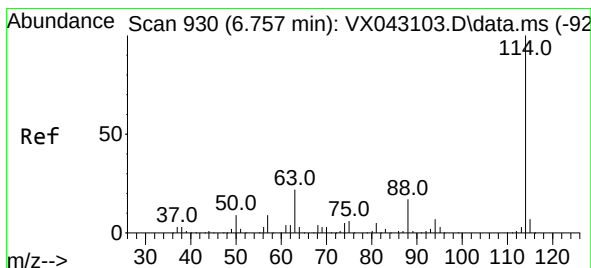
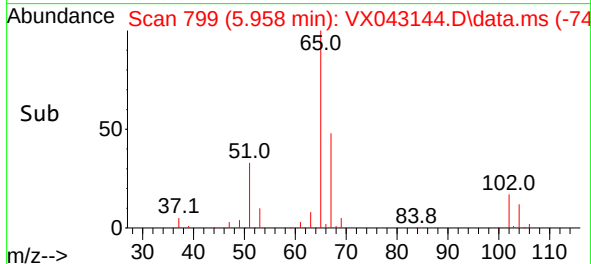
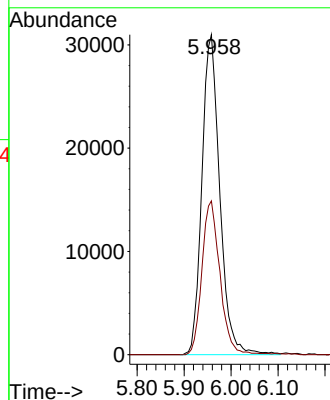
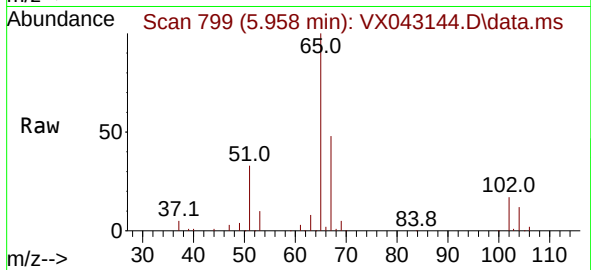




#33
1,2-Dichloroethane-d4
Concen: 54.415 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

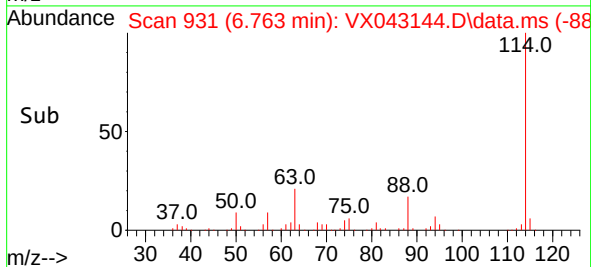
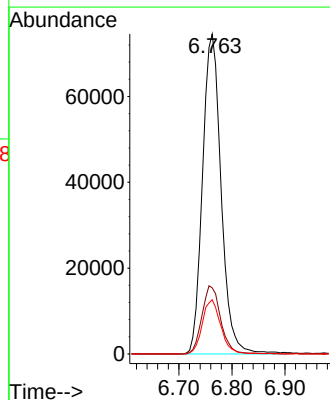
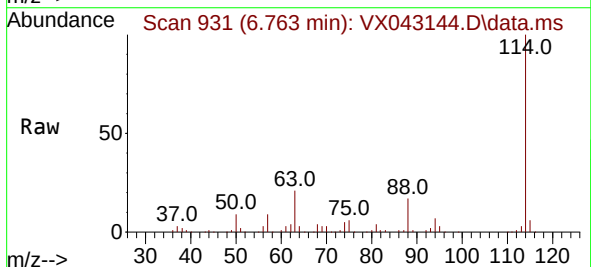
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D-20240919

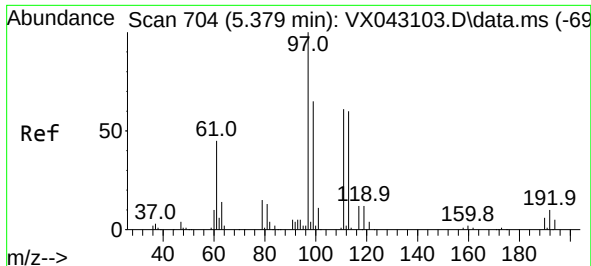
Tgt Ion: 65 Resp: 81819
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

Tgt Ion: 114 Resp: 181475
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 16.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.045 ug/l

RT: 5.391 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX043144.D

Acq: 25 Sep 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D-20240919

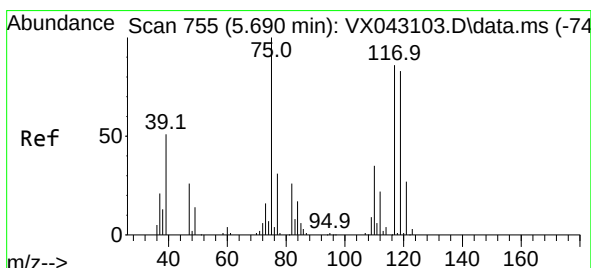
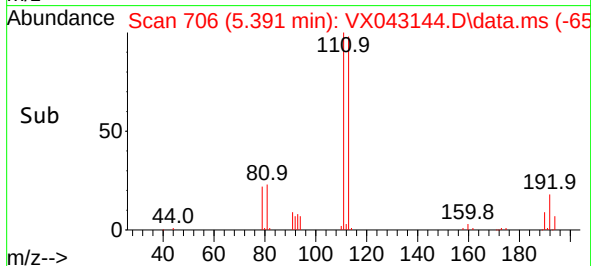
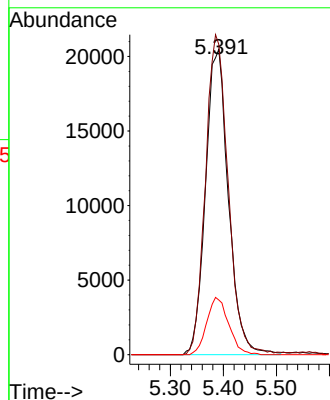
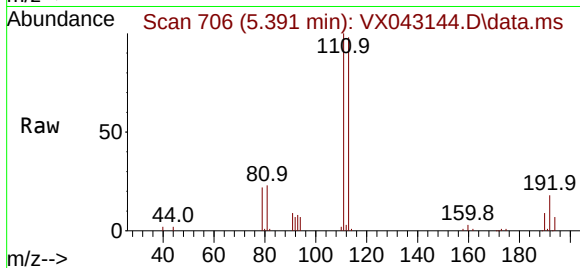
Tgt Ion:113 Resp: 61506

Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 17.9 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.117 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.141 min

Lab File: VX043144.D

Acq: 25 Sep 2024 11:43

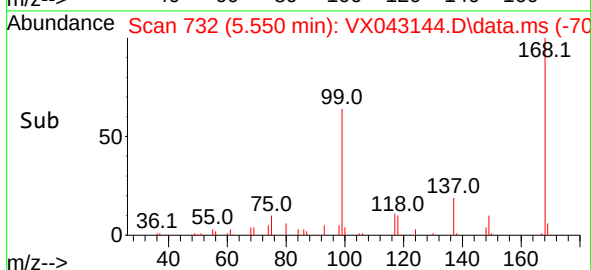
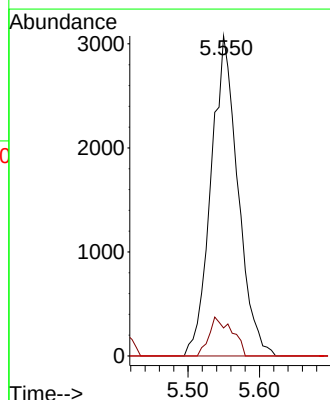
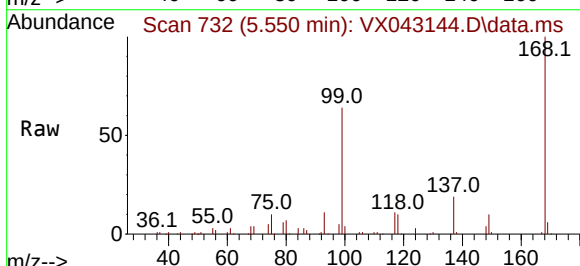
Tgt Ion: 75 Resp: 8050

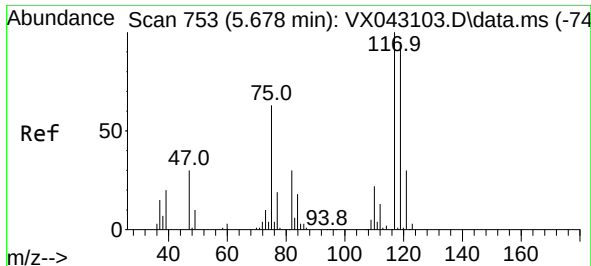
Ion Ratio Lower Upper

75 100

110 10.3 17.8 53.4#

77 0.0 25.2 37.8#

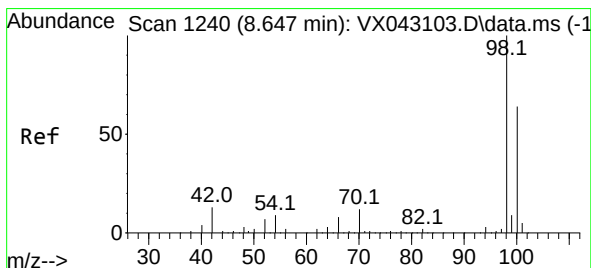
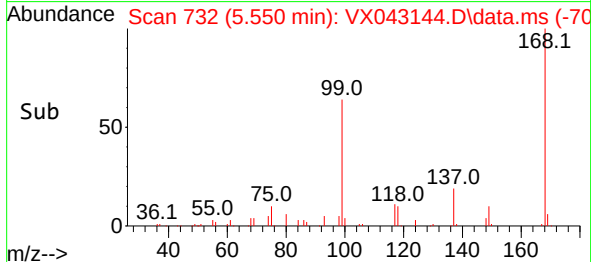
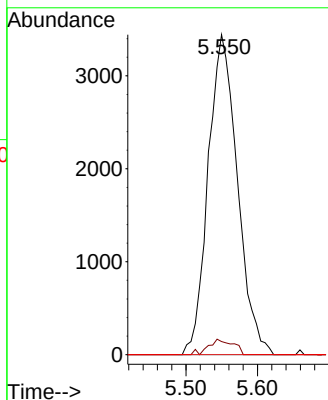
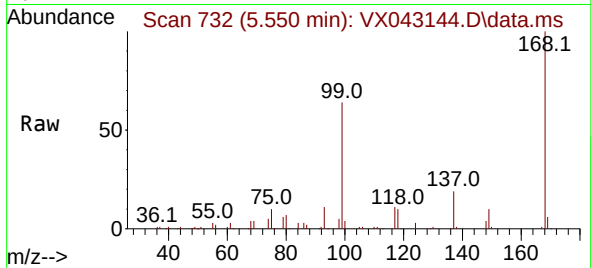




#38
Carbon Tetrachloride
Concen: 4.835 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

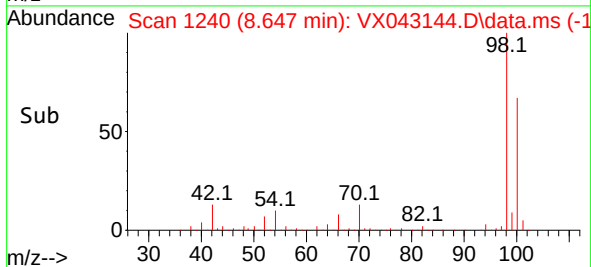
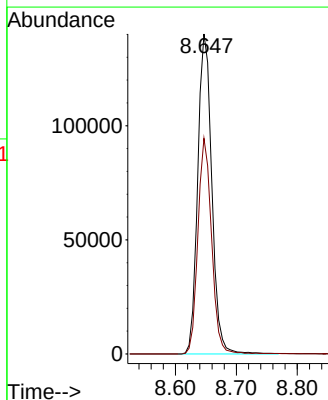
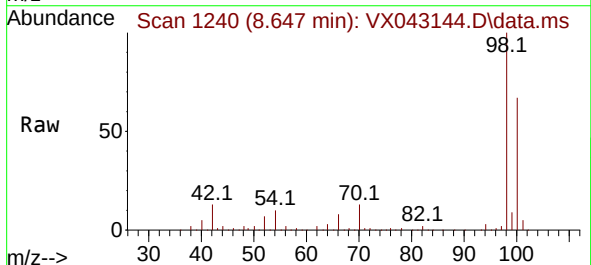
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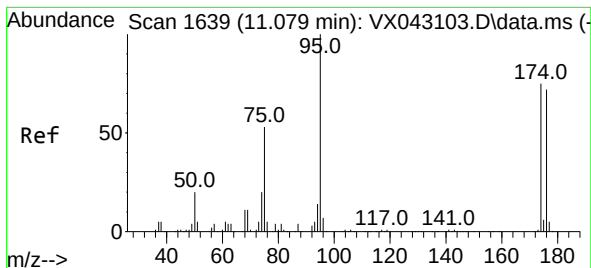
Tgt Ion:117 Resp: 9797
Ion Ratio Lower Upper
117 100
119 4.1 75.5 113.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.932 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

Tgt Ion: 98 Resp: 224924
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4

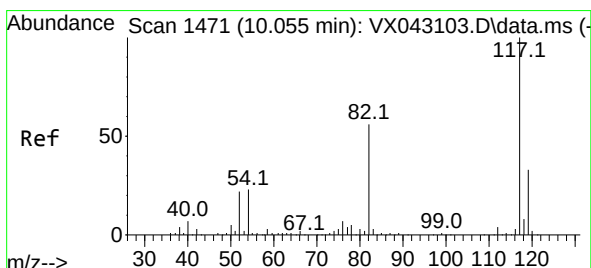
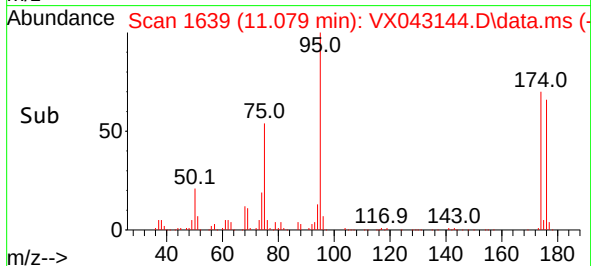
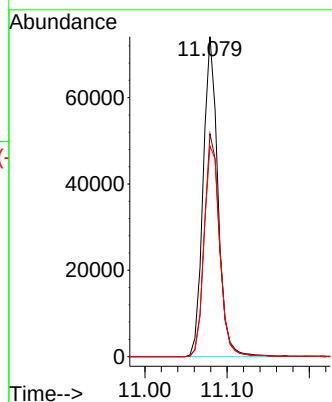
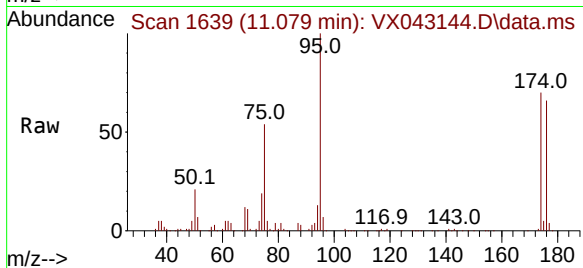




#62
4-Bromofluorobenzene
Concen: 52.965 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

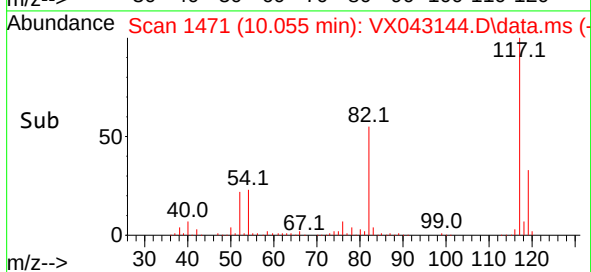
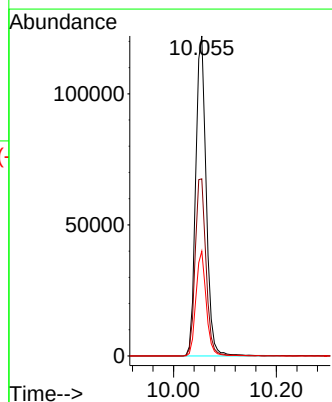
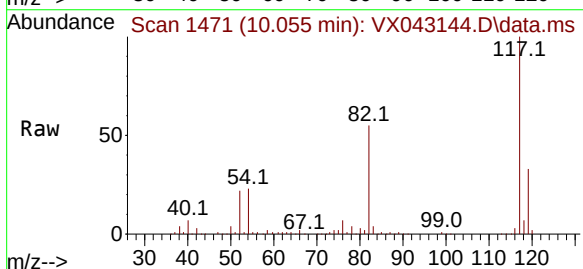
Instrument :
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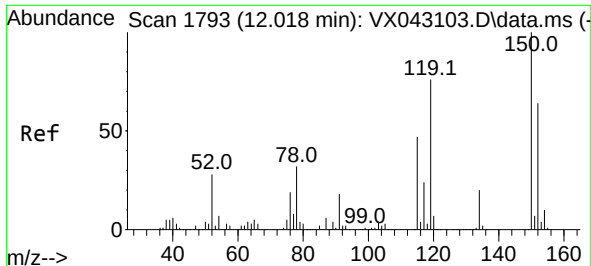
Tgt Ion: 95 Resp: 92383
Ion Ratio Lower Upper
95 100
174 71.9 0.0 146.0
176 70.4 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

Tgt Ion: 117 Resp: 173725
Ion Ratio Lower Upper
117 100
82 55.3 44.7 67.1
119 32.7 26.3 39.5

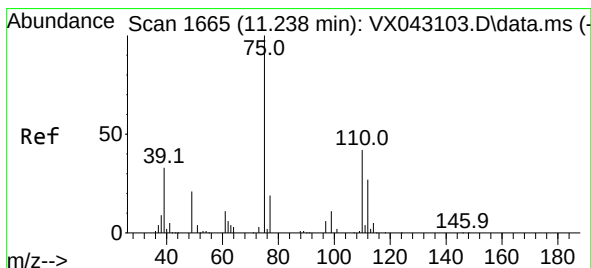
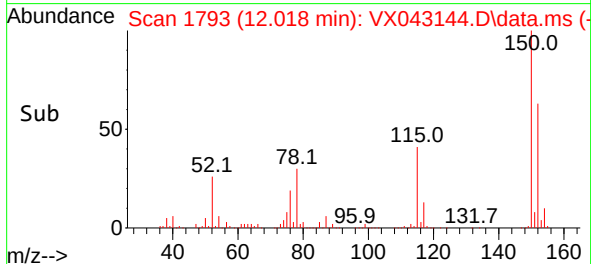
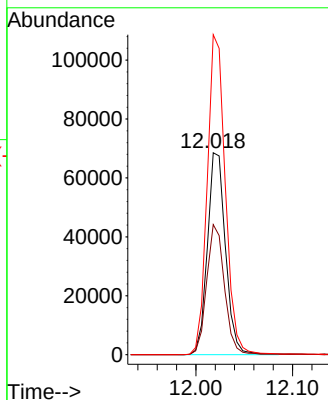
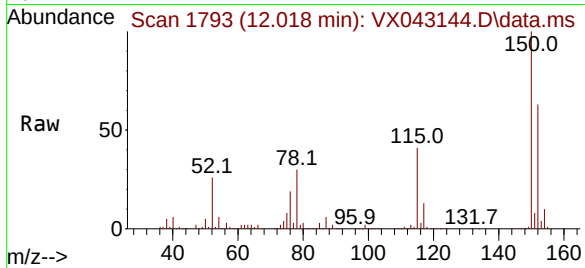




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

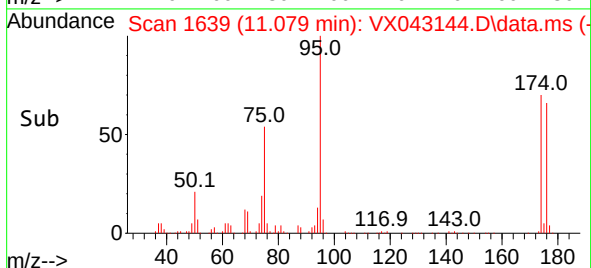
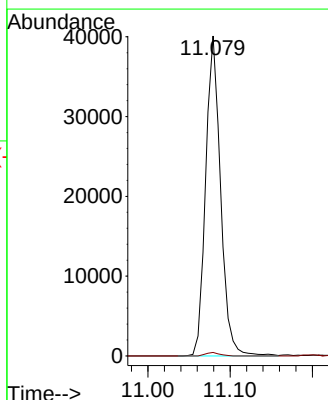
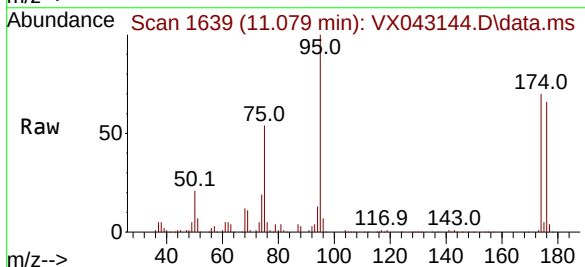
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D-20240919

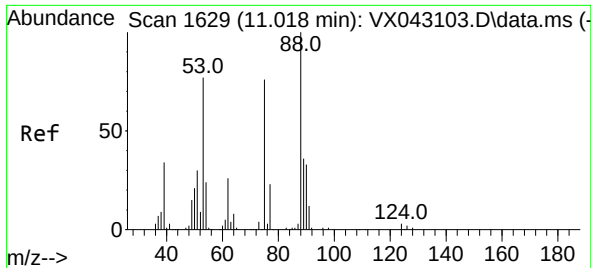
Tgt Ion:152 Resp: 89180
Ion Ratio Lower Upper
152 100
115 63.3 43.7 131.1
150 158.5 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 26.700 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

Tgt Ion: 75 Resp: 50624
Ion Ratio Lower Upper
75 100
77 1.0 21.9 65.7#

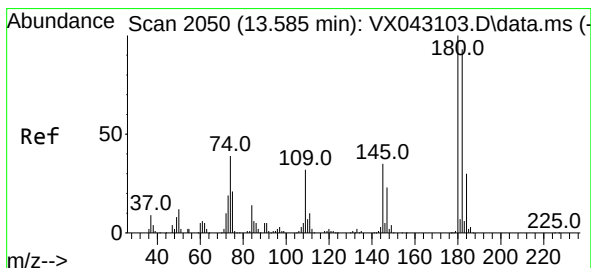
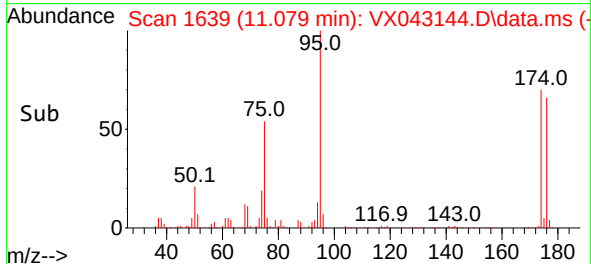
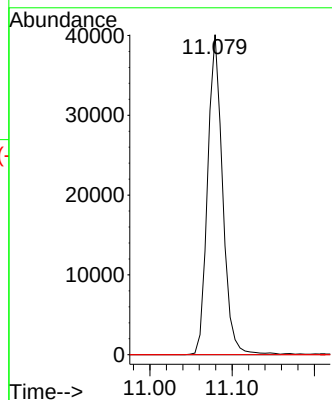
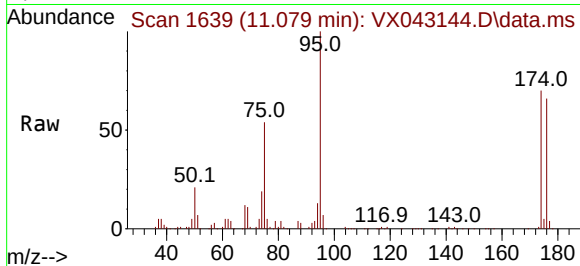




#81
trans-1,4-Dichloro-2-butene
Concen: 63.615 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

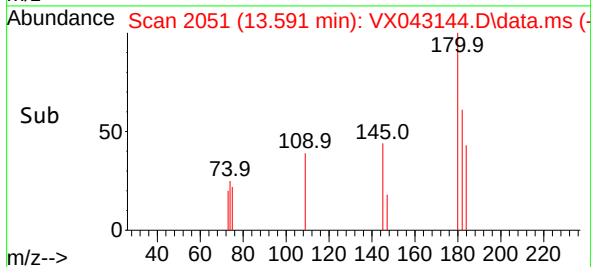
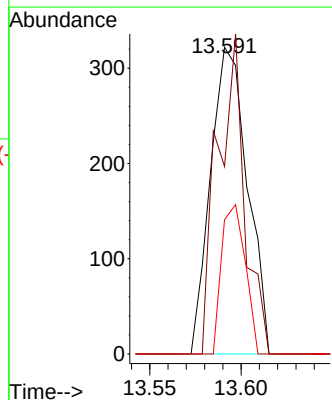
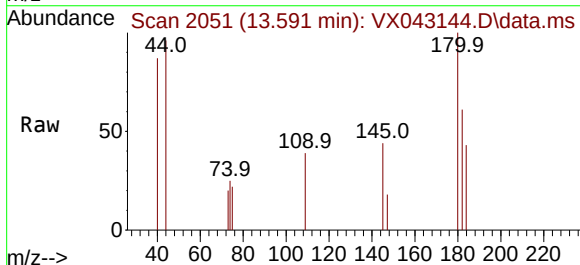
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D-20240919

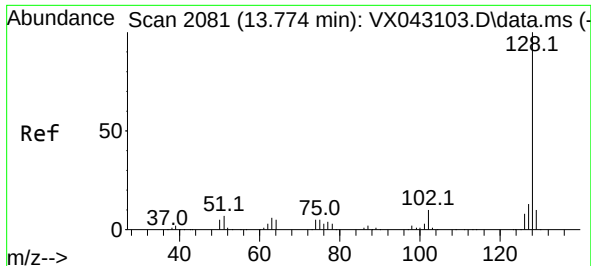
Tgt Ion: 75 Resp: 50624
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.253 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

Tgt Ion:180 Resp: 453
Ion Ratio Lower Upper
180 100
182 76.2 46.7 140.0
145 31.1 17.0 50.9

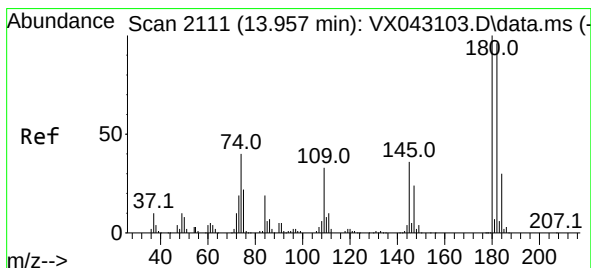
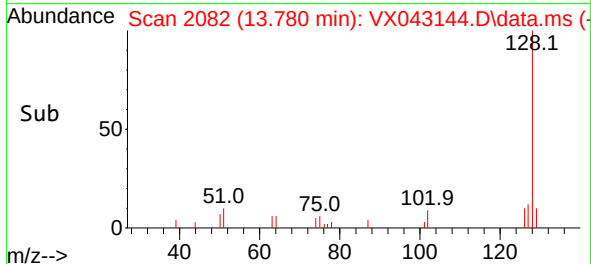
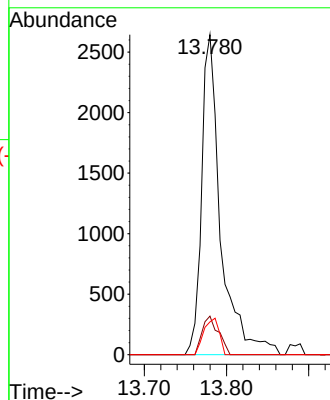
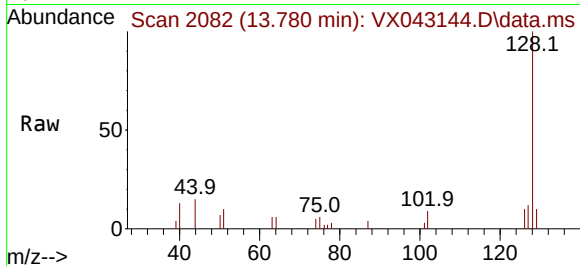




#95
Naphthalene
Concen: 0.687 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D-20240919

Tgt Ion:128	Resp:	4266
Ion	Ratio	Lower Upper
128	100	
127	10.3	10.2 15.4
129	9.2	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.207 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX043144.D
Acq: 25 Sep 2024 11:43

Tgt Ion:180	Resp:	367
Ion	Ratio	Lower Upper
180	100	
182	85.3	47.8 143.4
145	30.0	17.7 53.1

