

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043185.D
 Acq On : 26 Sep 2024 17:53
 Operator : JC/MD
 Sample : P4164-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01S-20240919

Quant Time: Sep 27 01:44:00 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)

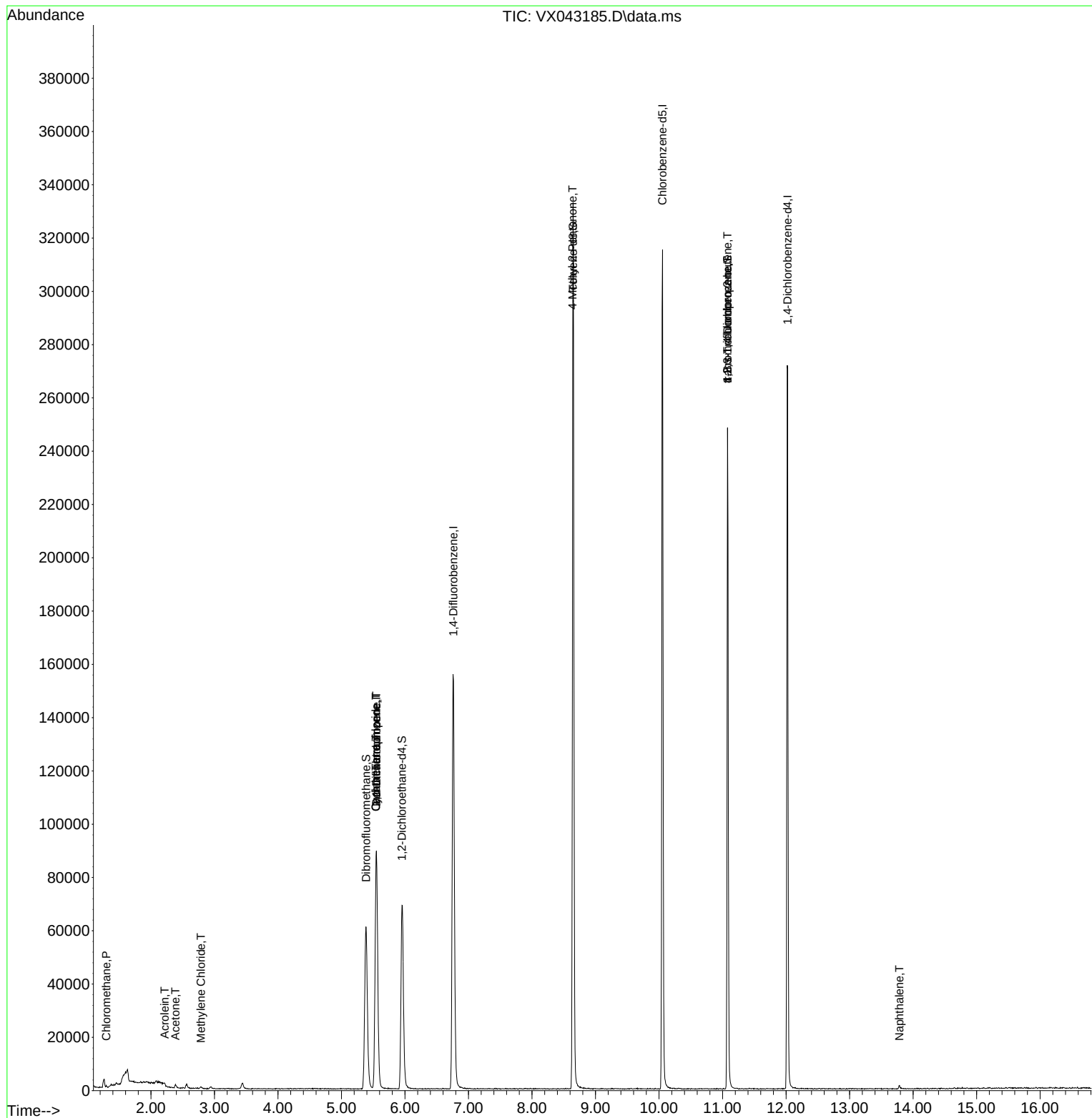
Internal Standards						
1) Pentafluorobenzene	5.550	168	82650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70972	51.697	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	= 103.400%		
35) Dibromofluoromethane	5.385	113	54645	48.344	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 96.680%		
50) Toluene-d8	8.647	98	194123	50.762	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	= 101.520%		
62) 4-Bromofluorobenzene	11.079	95	66228	43.004	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	= 86.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	233	0.259	ug/l	99
13) Acrolein	2.215	56	50	1.238	ug/l #	15
16) Acetone	2.386	43	1260	1.963	ug/l #	82
20) Methylene Chloride	2.788	84	374	0.366	ug/l #	75
31) Cyclohexane	5.544	56	1993	1.476	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	7133	5.136	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8780	4.907	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	977	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36815	30.329	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	36815	72.261	ug/l #	7
95) Naphthalene	13.786	128	1656	0.416	ug/l #	86

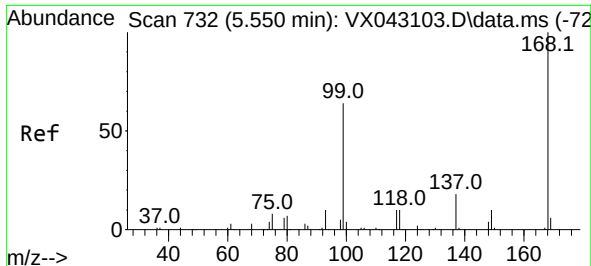
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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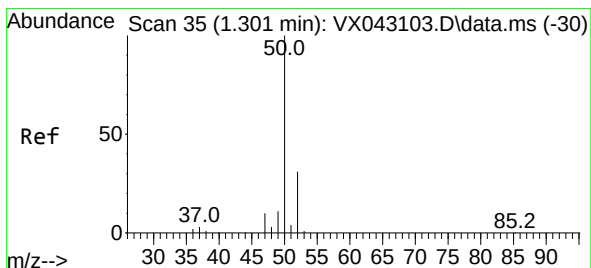
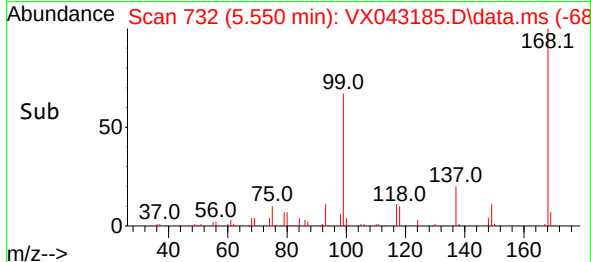
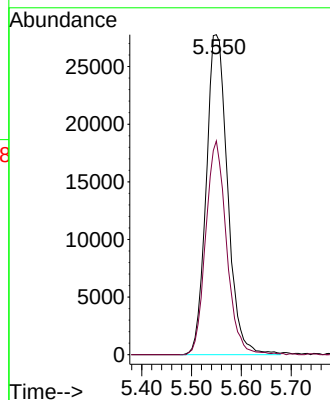
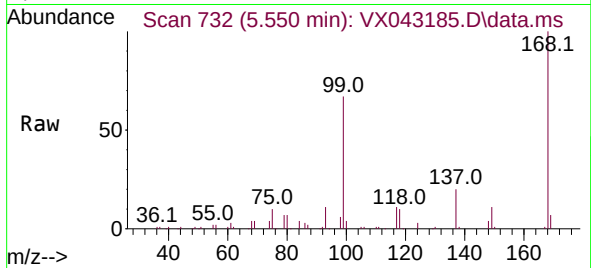




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

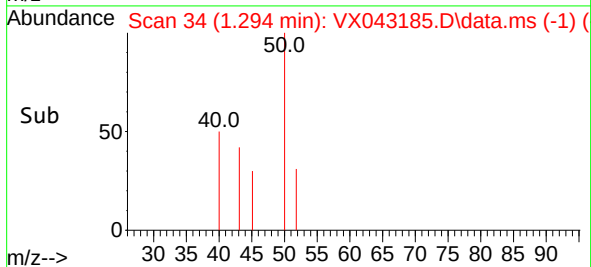
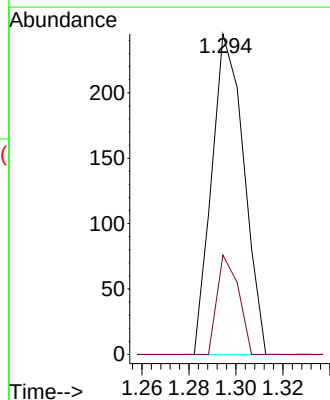
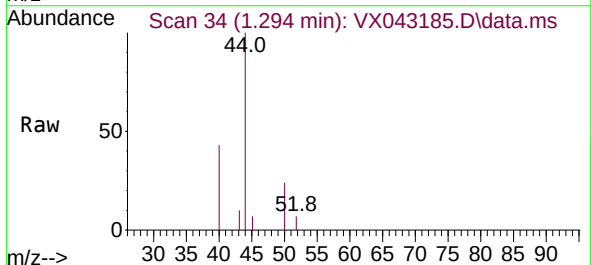
Instrument : MSVOA_X
ClientSampleId : RW8-MW01S-20240919

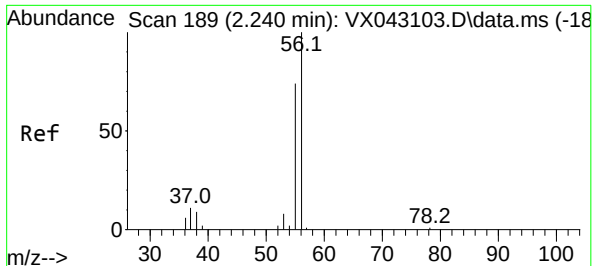
Tgt Ion:168 Resp: 82650
Ion Ratio Lower Upper
168 100
99 66.8 50.8 76.2



#3
Chloromethane
Concen: 0.259 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Tgt Ion: 50 Resp: 233
Ion Ratio Lower Upper
50 100
52 31.0 25.1 37.7

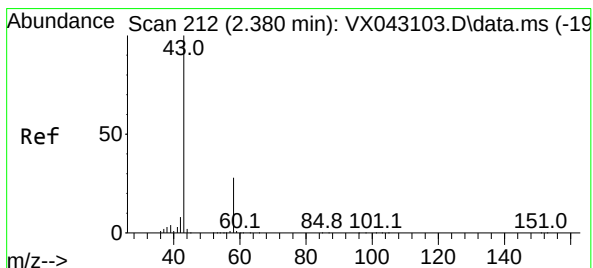
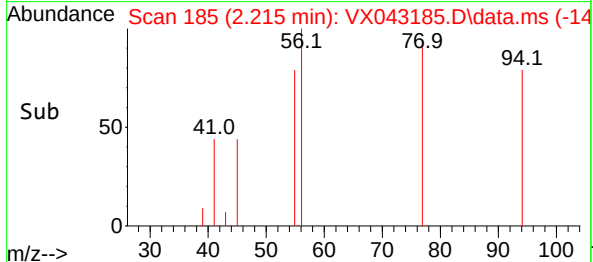
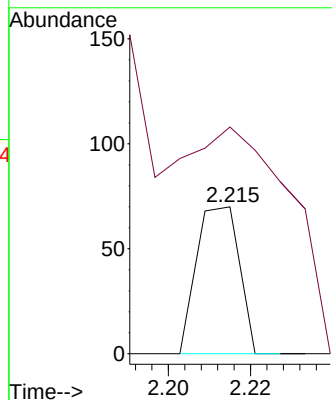
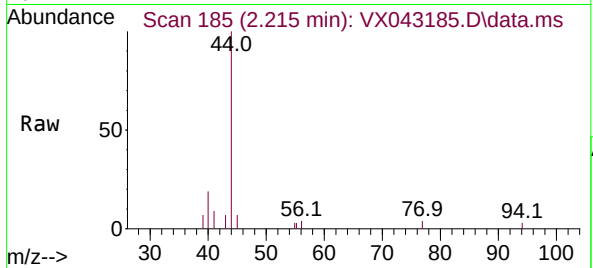




#13
Acrolein
Concen: 1.238 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

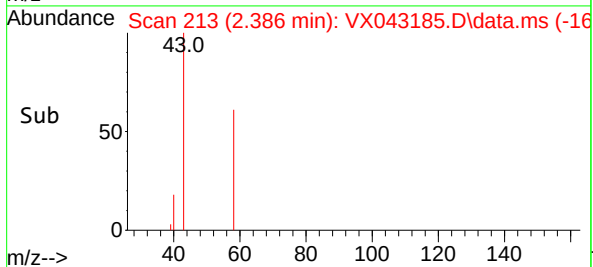
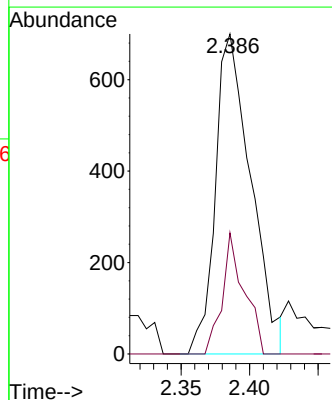
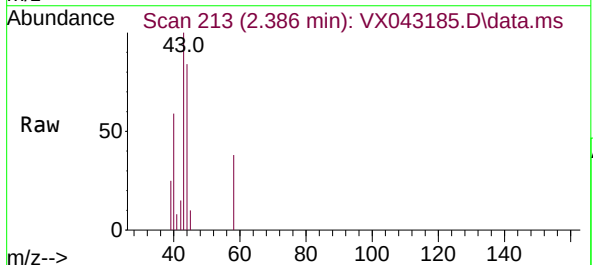
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20240919

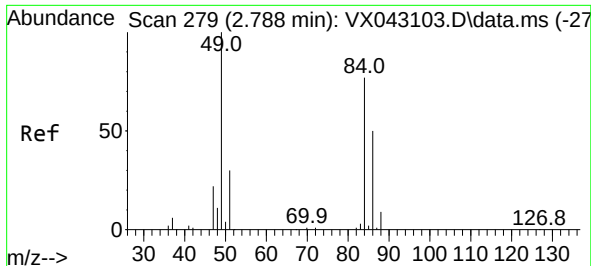
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#



#16
Acetone
Concen: 1.963 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
58 37.9 22.6 34.0#

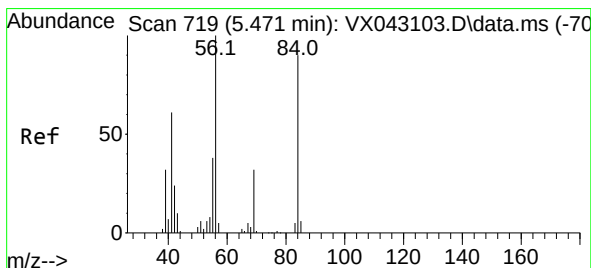
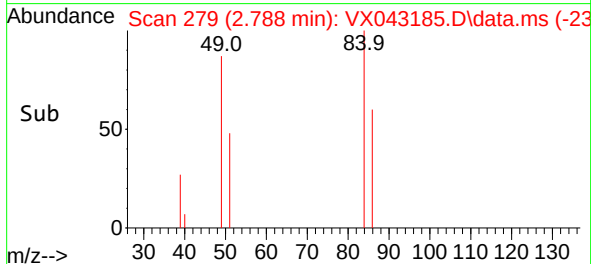
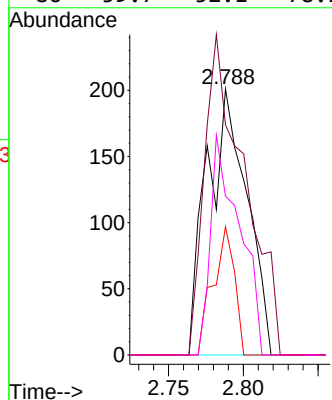
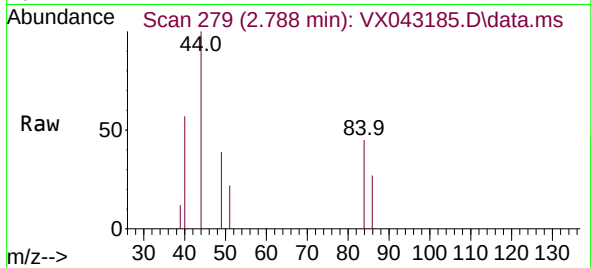




#20
Methylene Chloride
Concen: 0.366 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

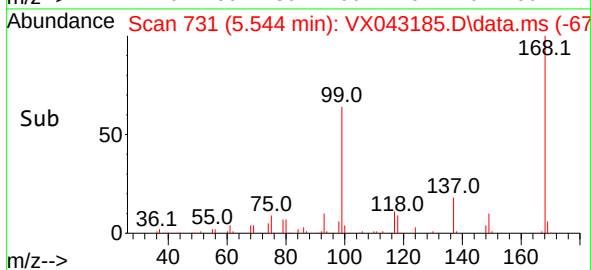
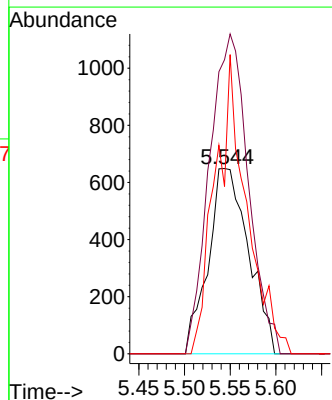
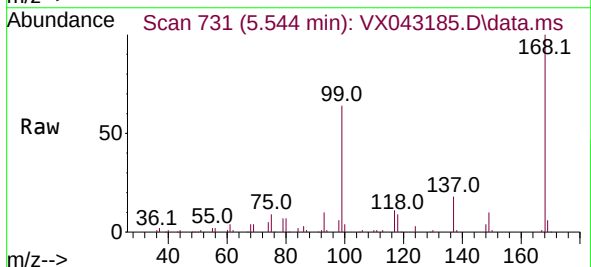
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20240919

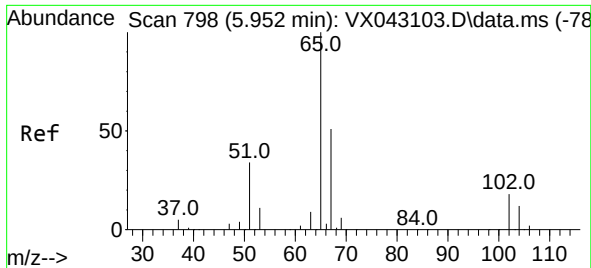
Tgt Ion:	84	Resp:	374
Ion	Ratio	Lower	Upper
84	100		
49	86.6	104.1	156.1#
51	48.3	31.1	46.7#
86	59.7	52.1	78.1



#31
Cyclohexane
Concen: 1.476 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Tgt Ion:	56	Resp:	1993
Ion	Ratio	Lower	Upper
56	100		
69	158.7	25.8	38.6#
84	90.3	72.4	108.6

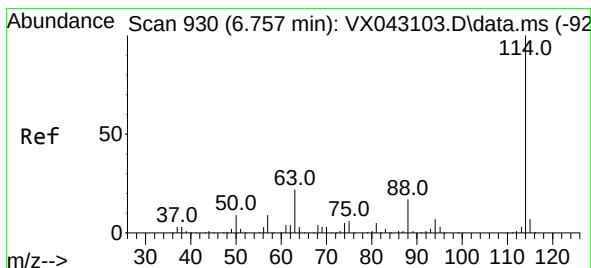
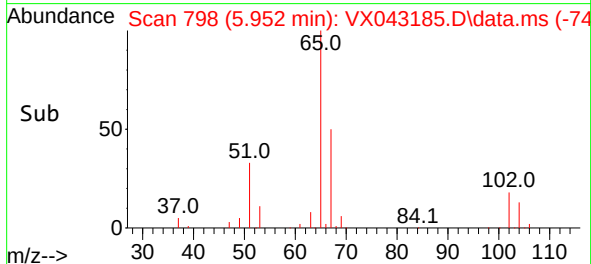
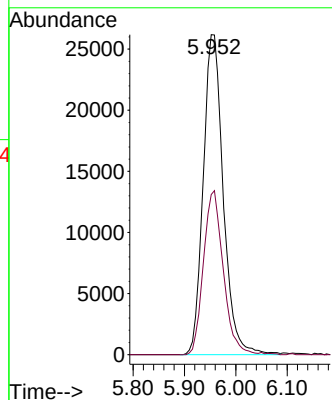
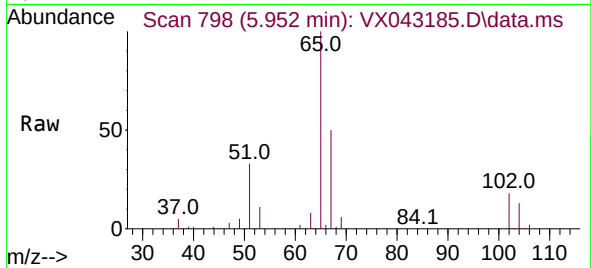




#33
1,2-Dichloroethane-d4
Concen: 51.697 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

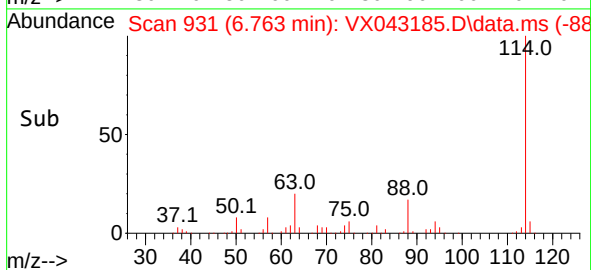
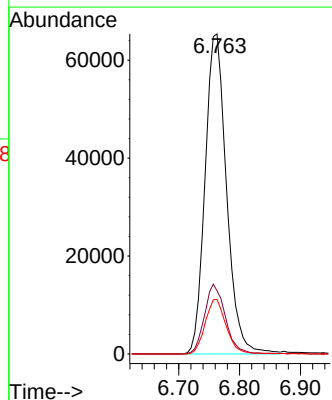
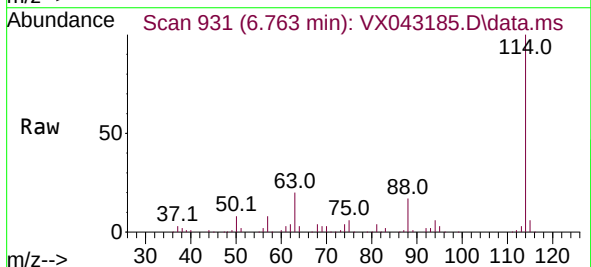
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20240919

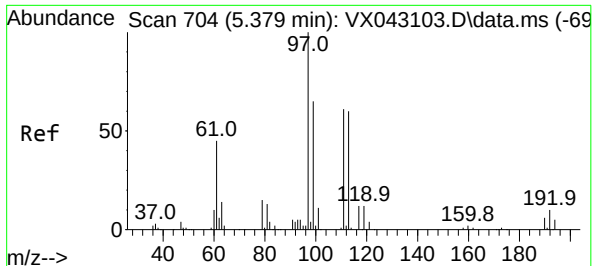
Tgt Ion: 65 Resp: 70972
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Tgt Ion: 114 Resp: 160233
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.2
88 17.1 0.0 33.4

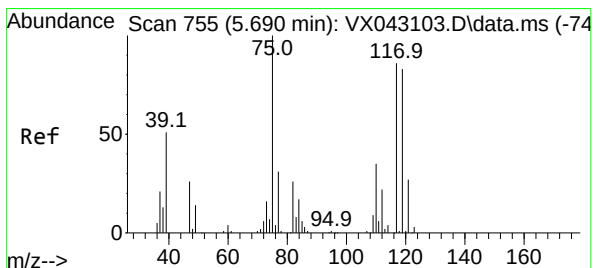
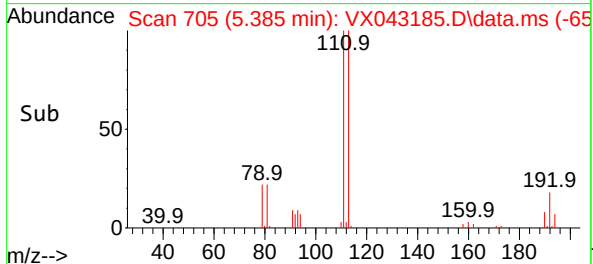
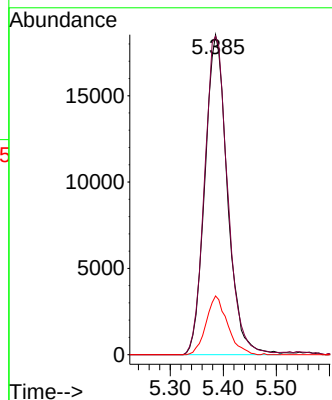
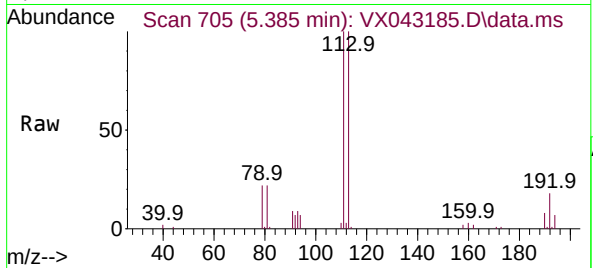




#35
Dibromofluoromethane
Concen: 48.344 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

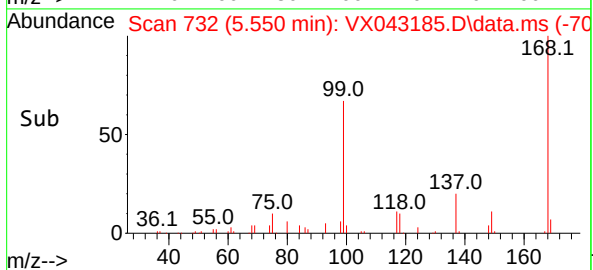
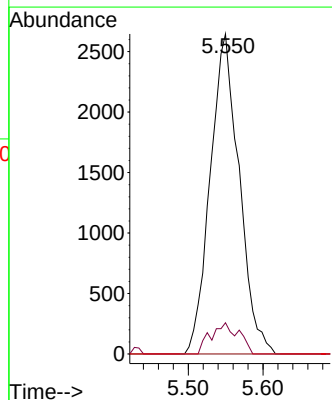
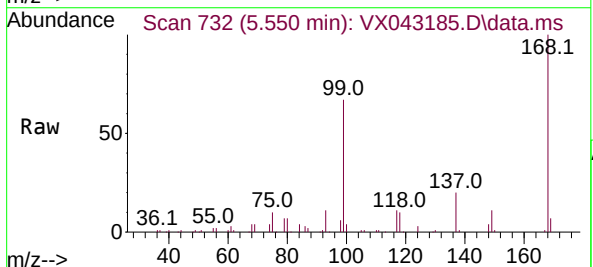
Instrument :
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ClientSampleId :
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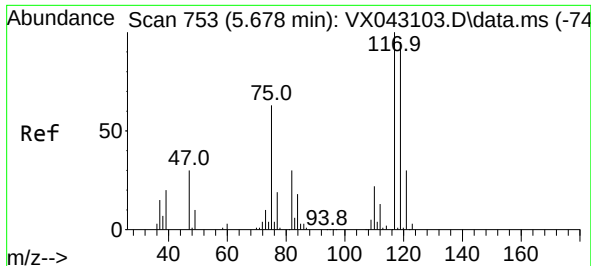
Tgt Ion:113 Resp: 54645
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 17.4 14.6 22.0



#36
1,1-Dichloropropene
Concen: 5.136 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Tgt Ion: 75 Resp: 7133
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.4#
77 0.0 25.2 37.8#

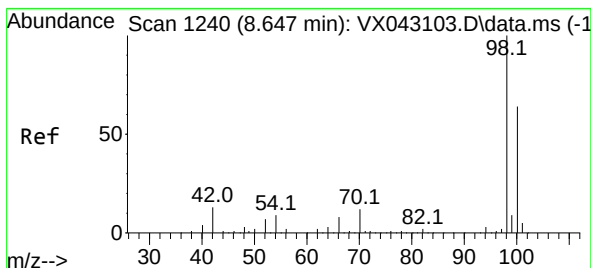
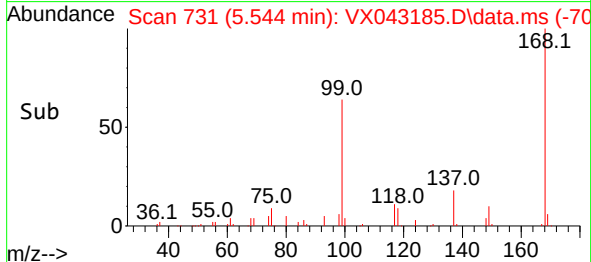
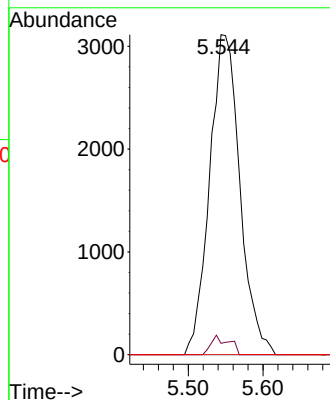
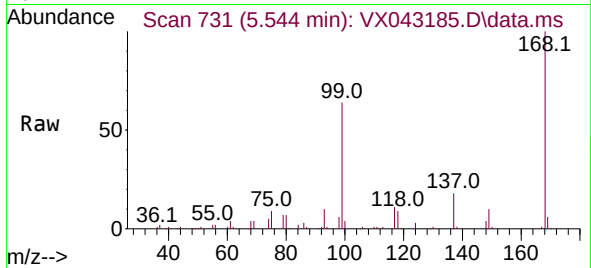




#38
Carbon Tetrachloride
Concen: 4.907 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

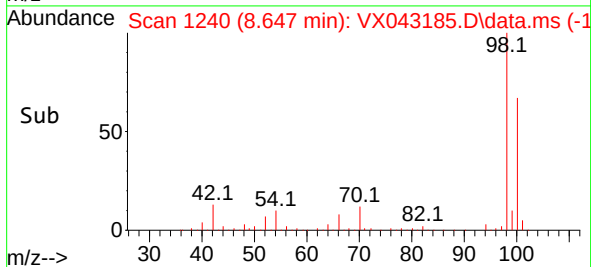
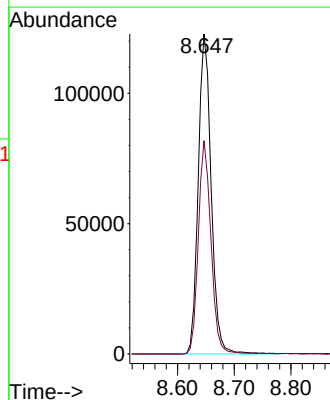
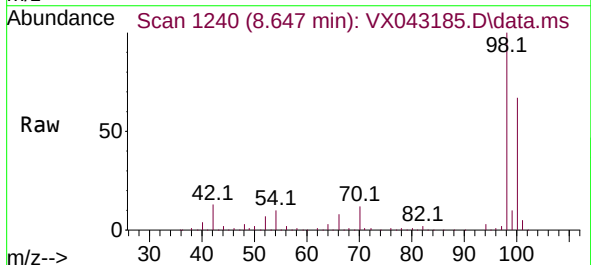
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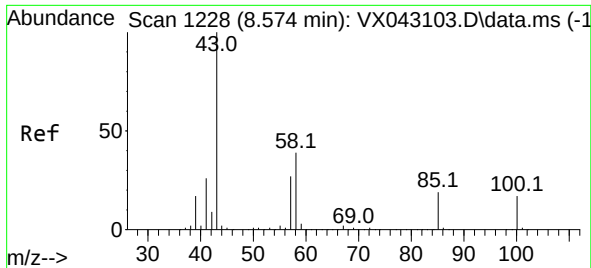
Tgt Ion:117 Resp: 8780
Ion Ratio Lower Upper
117 100
119 3.6 75.5 113.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.762 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Tgt Ion: 98 Resp: 194123
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

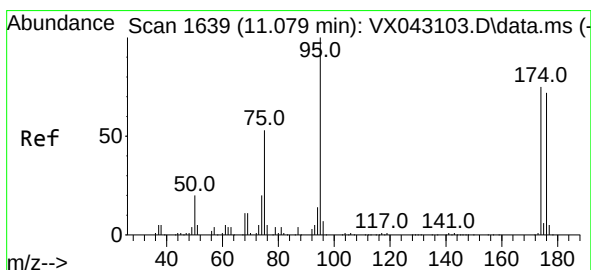
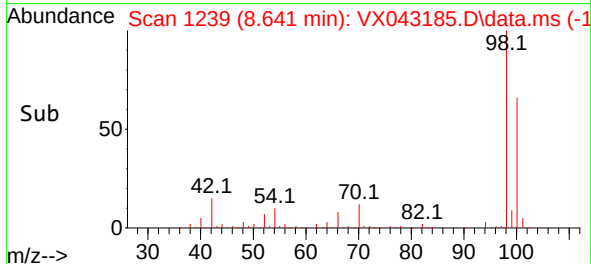
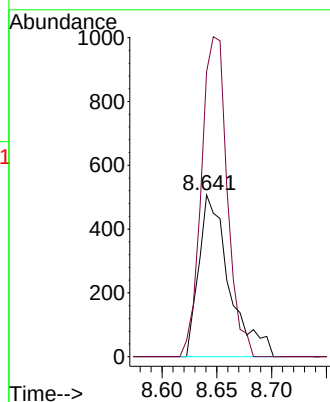
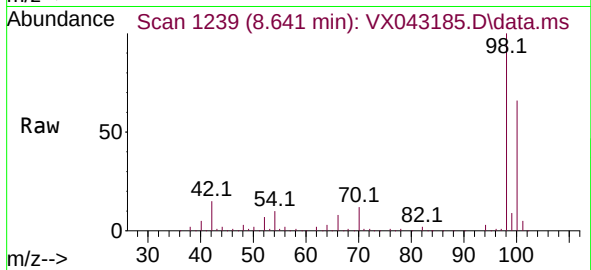




#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

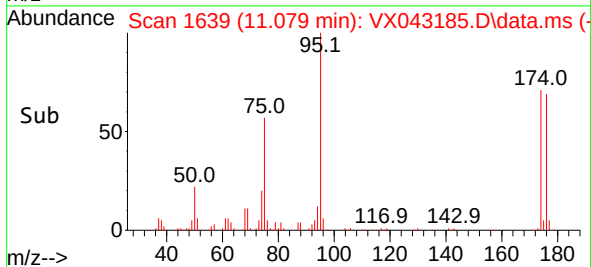
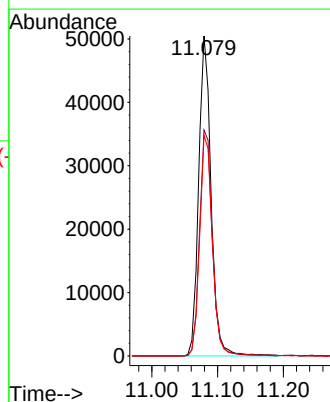
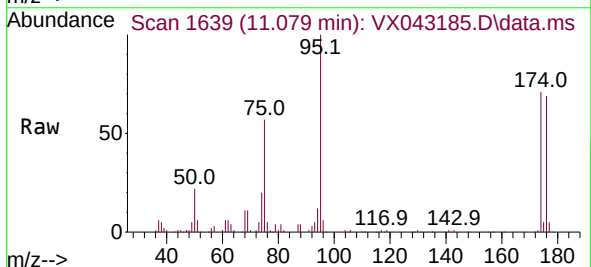
Instrument :
MSVOA_X
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RW8-MW01S-20240919

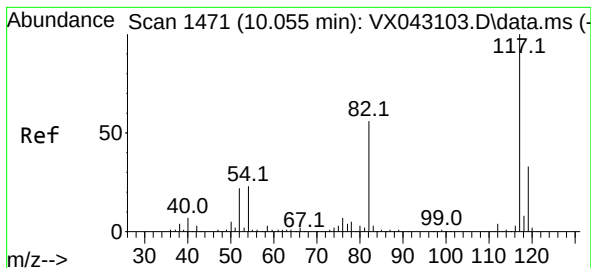
Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
58 168.6 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 43.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Tgt Ion: 95 Resp: 66228
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.0
176 70.9 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: VX043185.D

Acq: 26 Sep 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01S-20240919

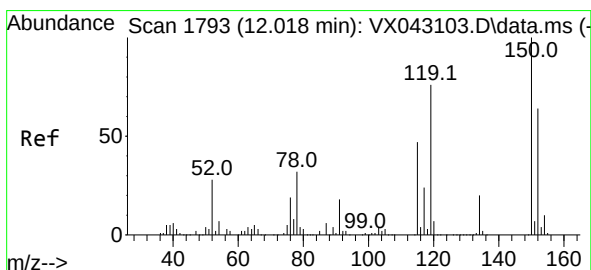
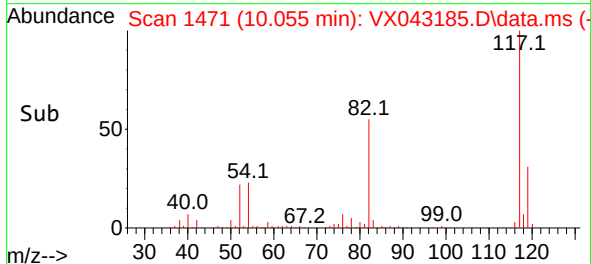
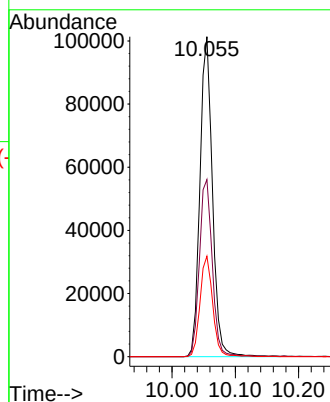
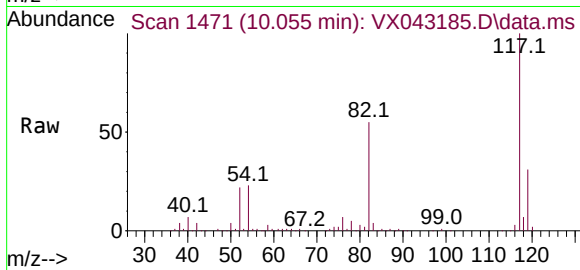
Tgt Ion:117 Resp: 139520

Ion Ratio Lower Upper

117 100

82 55.3 44.7 67.1

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX043185.D

Acq: 26 Sep 2024 17:53

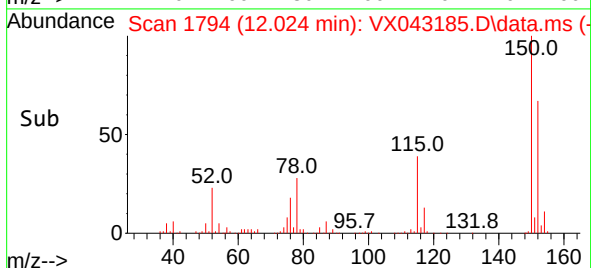
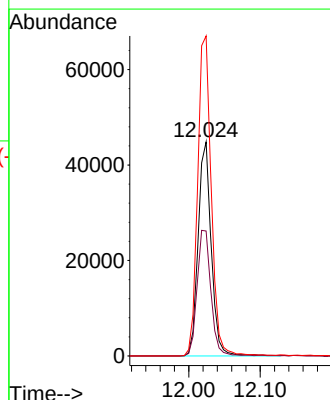
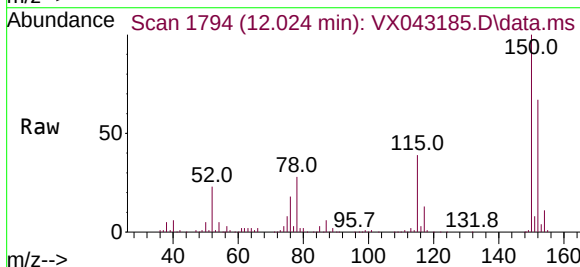
Tgt Ion:152 Resp: 57094

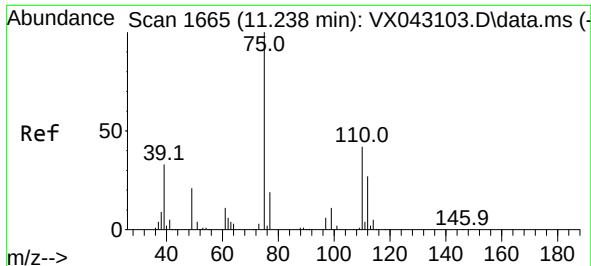
Ion Ratio Lower Upper

152 100

115 62.0 43.7 131.1

150 155.2 0.0 344.6

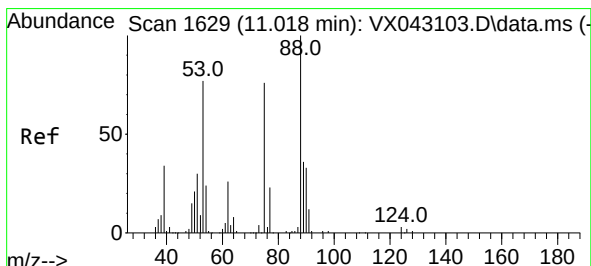
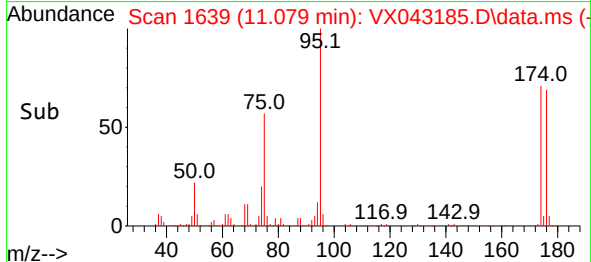
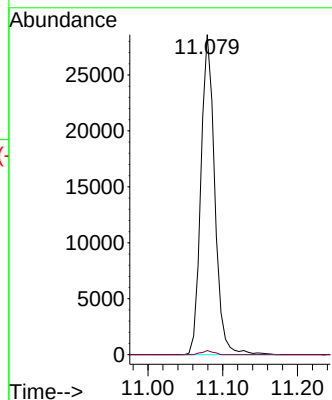
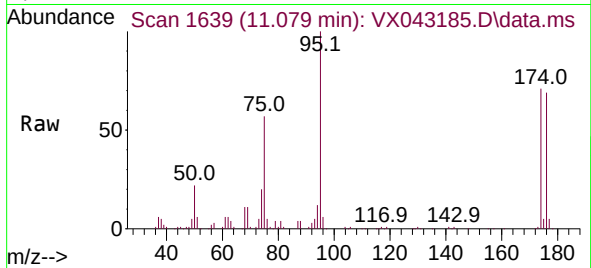




#76
1,2,3-Trichloropropane
Concen: 30.329 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

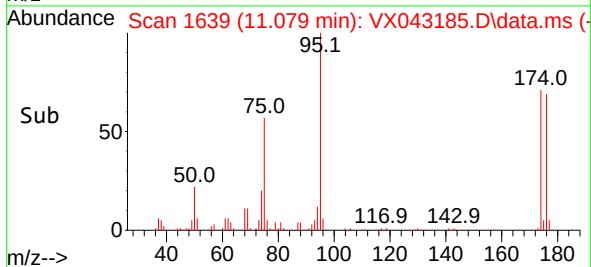
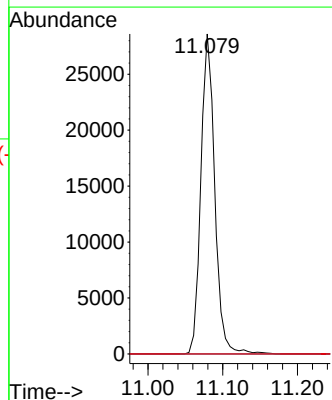
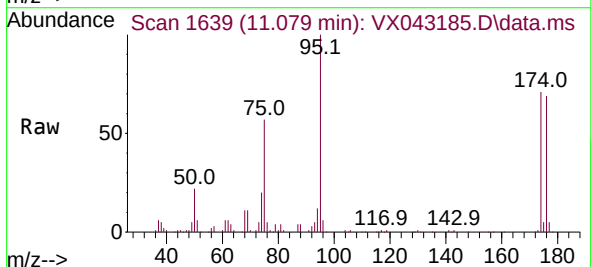
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01S-20240919

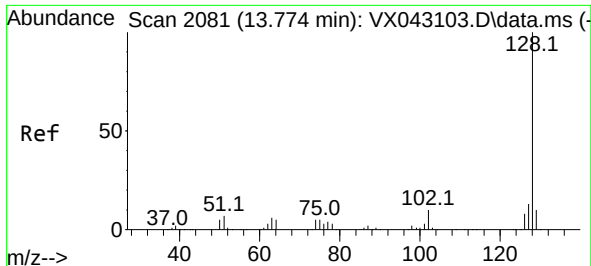
Tgt Ion: 75 Resp: 36815
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Tgt Ion: 75 Resp: 36815
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#





#95

Naphthalene

Concen: 0.416 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX043185.D

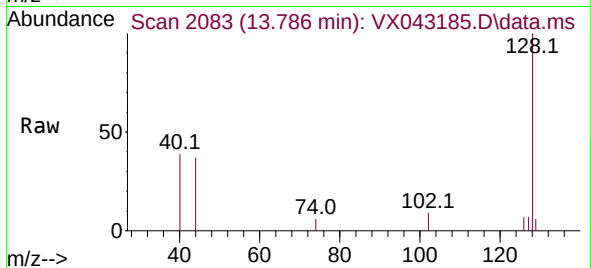
Acq: 26 Sep 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01S-20240919



Tgt Ion:128 Resp: 1656

Ion Ratio Lower Upper

128 100

127 7.9 10.2 15.4#

129 5.0 8.6 13.0#

