

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043143.D
 Acq On : 25 Sep 2024 11:20
 Operator : JC/MD
 Sample : P4164-11DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D2-20240920DL

Quant Time: Sep 26 01:32:03 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)

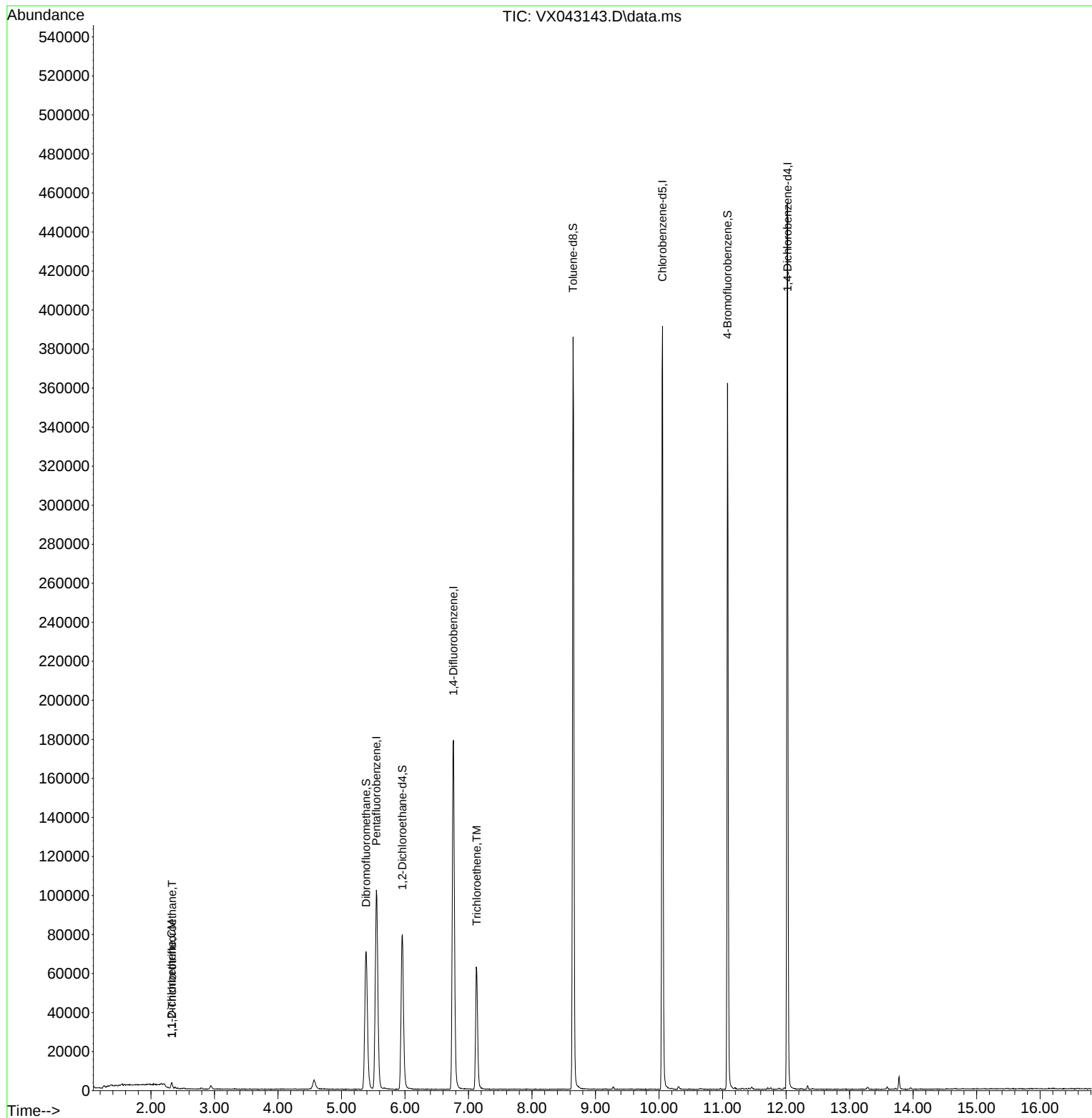
Internal Standards						
1) Pentafluorobenzene	5.550	168	90673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81303	53.982	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.960%	
35) Dibromofluoromethane	5.385	113	62844	49.122	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.240%	
50) Toluene-d8	8.647	98	224368	51.837	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	11.079	95	94346	54.126	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.260%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	817	0.813	ug/l	98
12) 1,1-Dichloroethene	2.325	96	541	0.563	ug/l	88
44) Trichloroethene	7.129	130	24243	19.101	ug/l	97

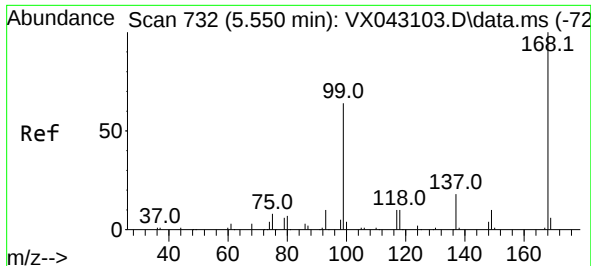
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.000 min

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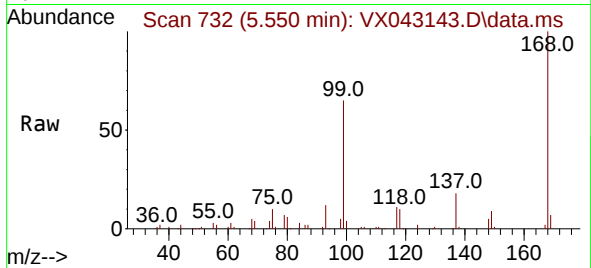
Acq: 25 Sep 2024 11:20

Instrument :

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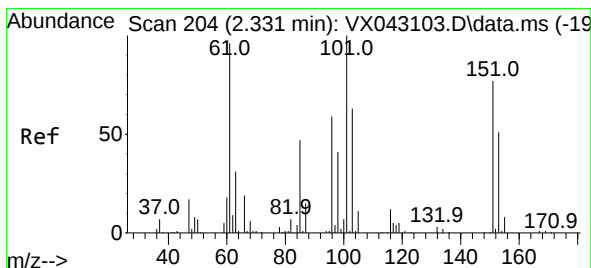
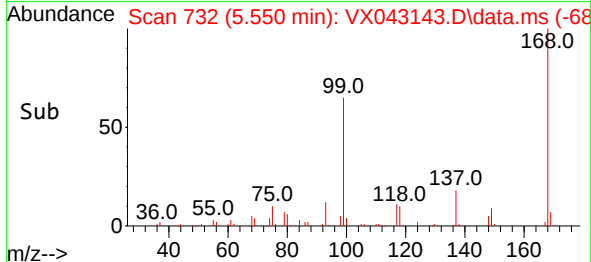
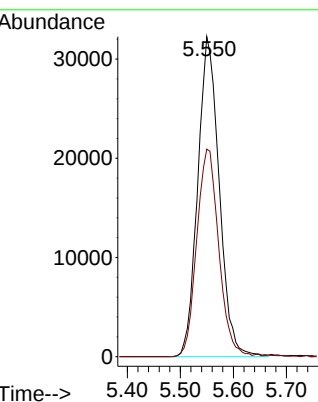


Tgt Ion:168 Resp: 90673

Ion Ratio Lower Upper

168 100

99 64.9 50.8 76.2



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.813 ug/l

RT: 2.331 min Scan# 204

Delta R.T. -0.000 min

Lab File: VX043143.D

Acq: 25 Sep 2024 11:20

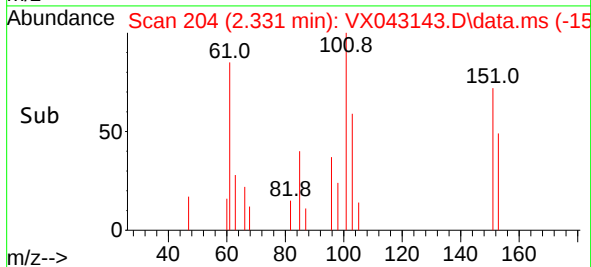
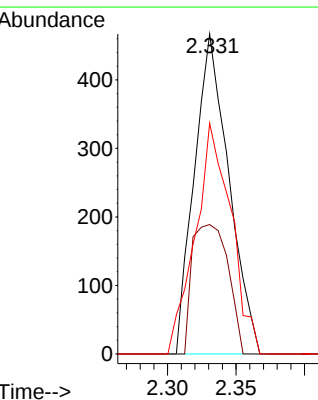
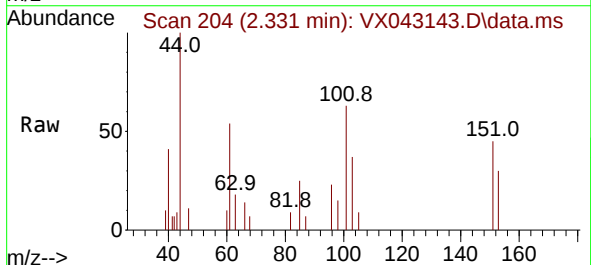
Tgt Ion:101 Resp: 817

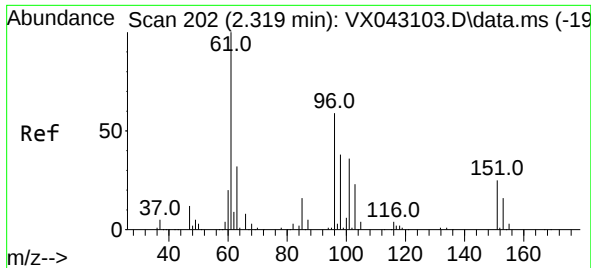
Ion Ratio Lower Upper

101 100

85 42.2 37.0 55.4

151 75.0 60.2 90.4





#12

1,1-Dichloroethene

Concen: 0.563 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX043143.D

Acq: 25 Sep 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

RE139D2-20240920DL

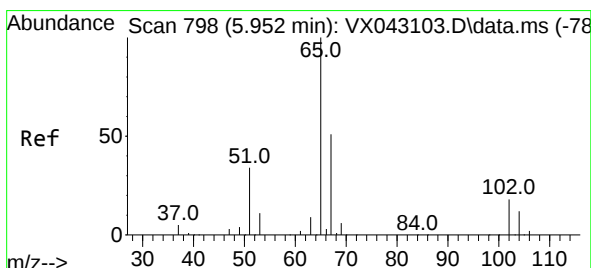
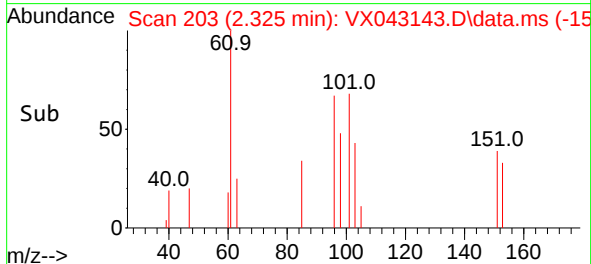
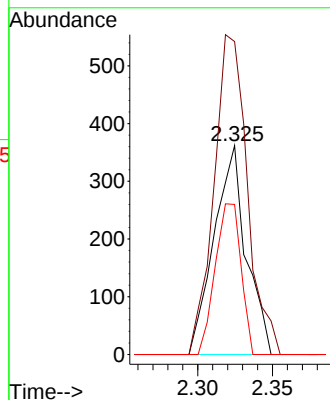
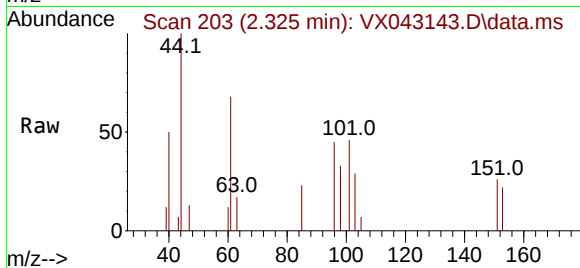
Tgt Ion: 96 Resp: 541

Ion Ratio Lower Upper

96 100

61 149.7 134.7 202.1

98 71.8 51.6 77.4



#33

1,2-Dichloroethane-d4

Concen: 53.982 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX043143.D

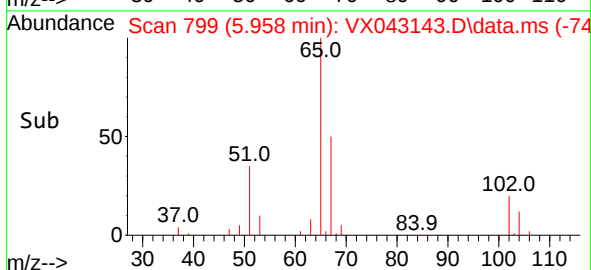
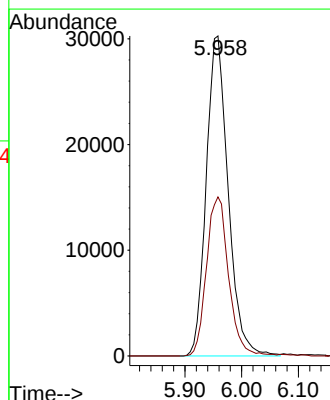
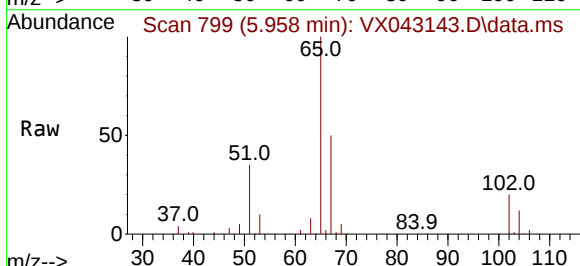
Acq: 25 Sep 2024 11:20

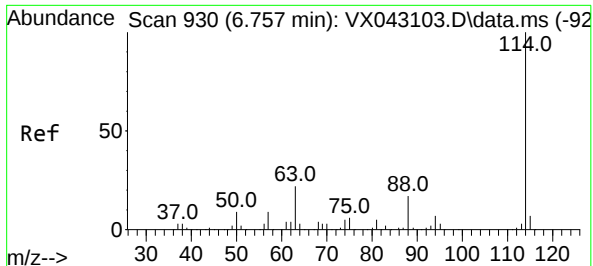
Tgt Ion: 65 Resp: 81303

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.0

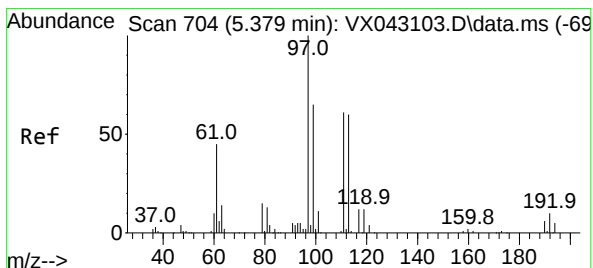
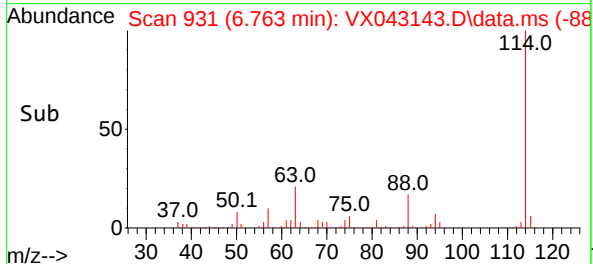
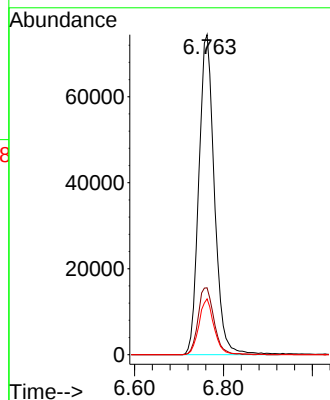
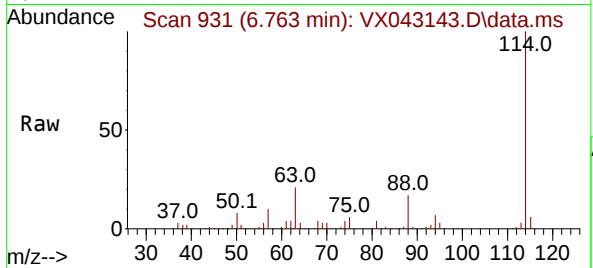




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

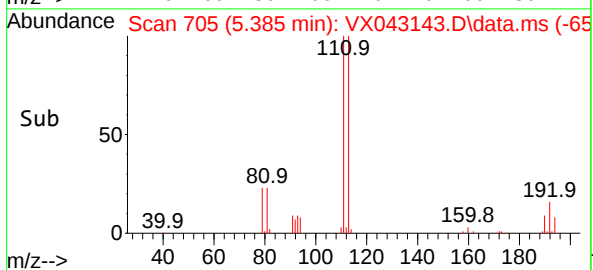
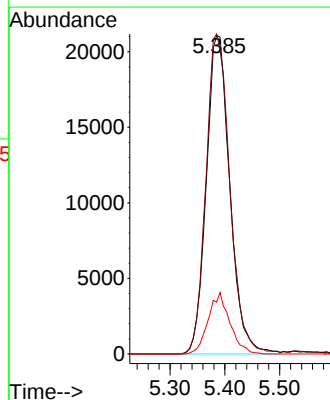
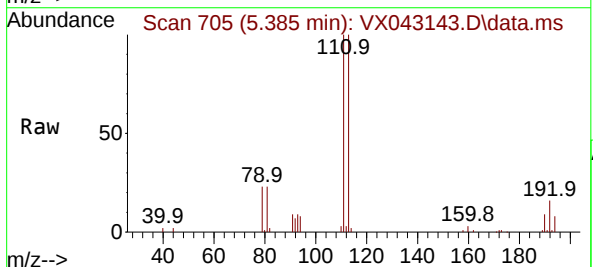
Instrument :
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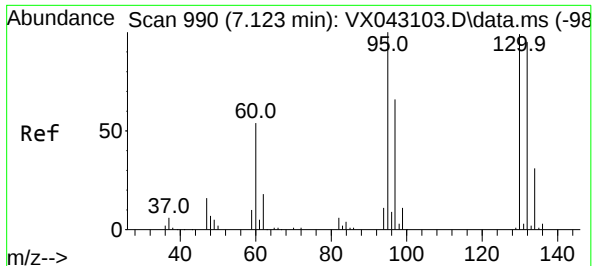
Tgt Ion:114 Resp: 181358
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 17.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.122 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

Tgt Ion:113 Resp: 62844
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 17.7 14.6 22.0

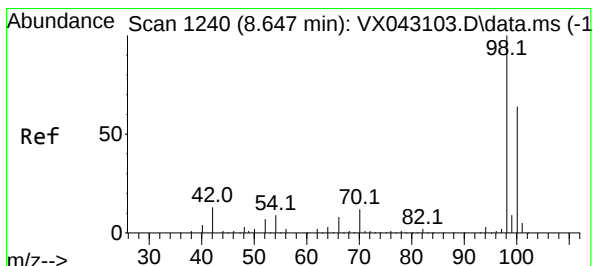
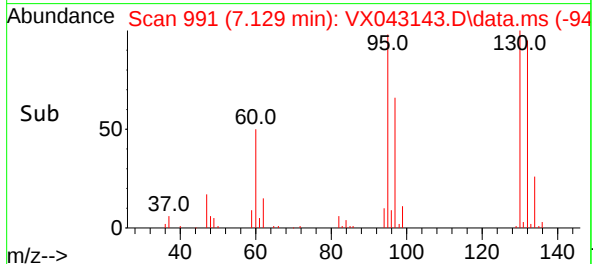
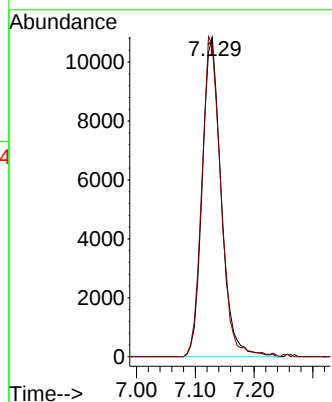
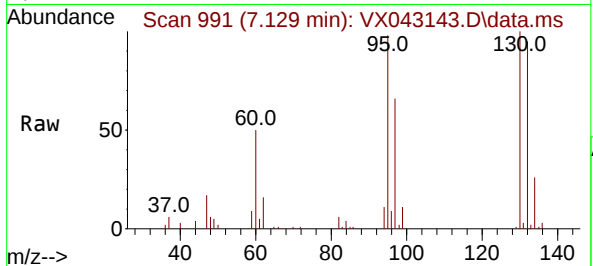




#44
Trichloroethene
Concen: 19.101 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

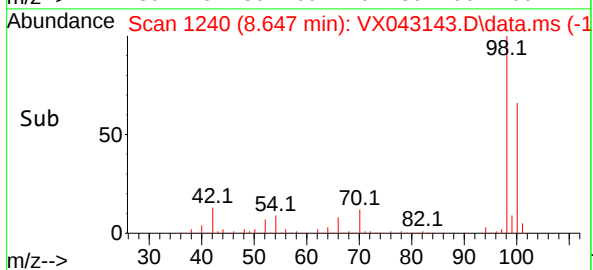
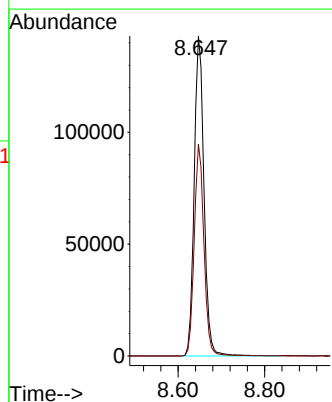
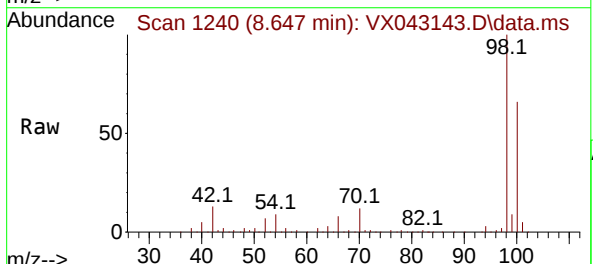
Instrument :
MSVOA_X
ClientSampleId :
RE139D2-20240920DL

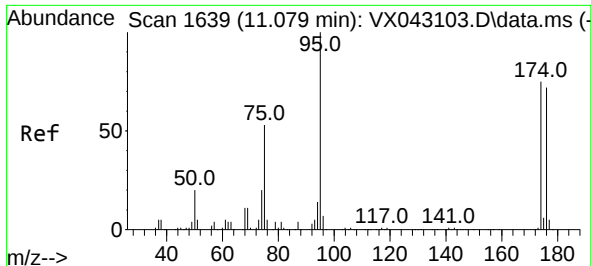
Tgt Ion:130 Resp: 24243
Ion Ratio Lower Upper
130 100
95 97.8 0.0 201.6



#50
Toluene-d8
Concen: 51.837 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043143.D
Acq: 25 Sep 2024 11:20

Tgt Ion: 98 Resp: 224368
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 54.126 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043143.D

Acq: 25 Sep 2024 11:20

Instrument :

MSVOA_X

ClientSampleId :

RE139D2-20240920DL

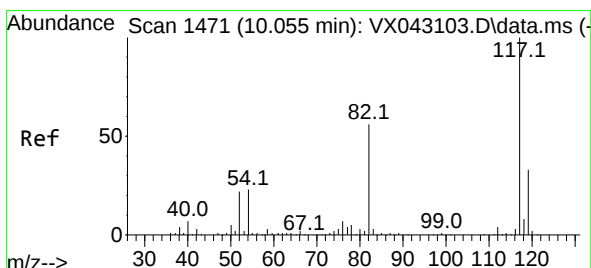
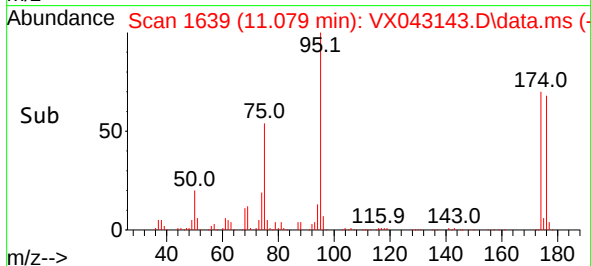
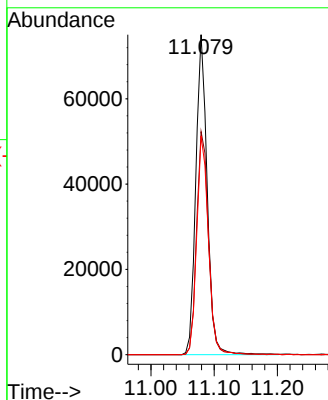
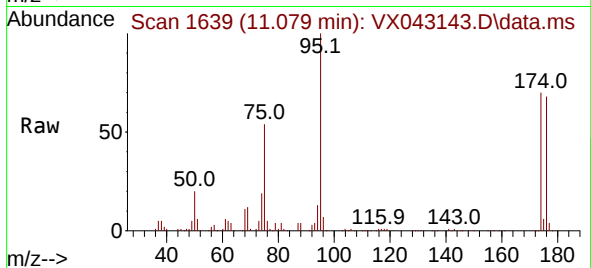
Tgt Ion: 95 Resp: 94346

Ion Ratio Lower Upper

95 100

174 72.3 0.0 146.0

176 70.2 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: VX043143.D

Acq: 25 Sep 2024 11:20

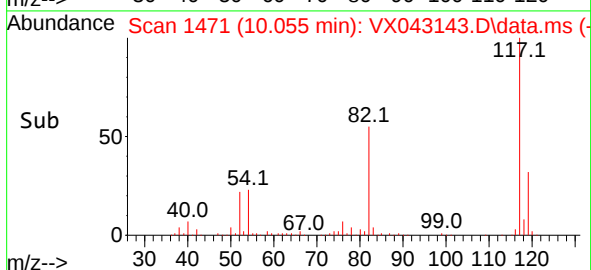
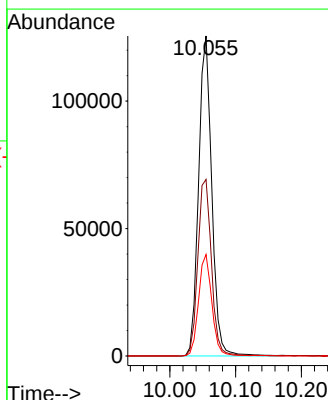
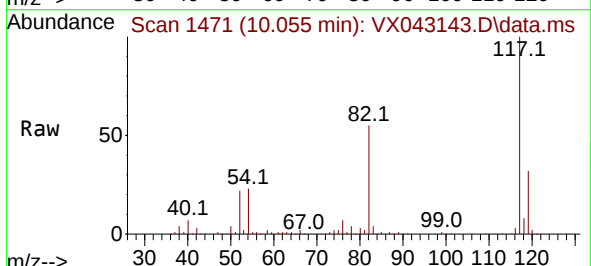
Tgt Ion: 117 Resp: 174796

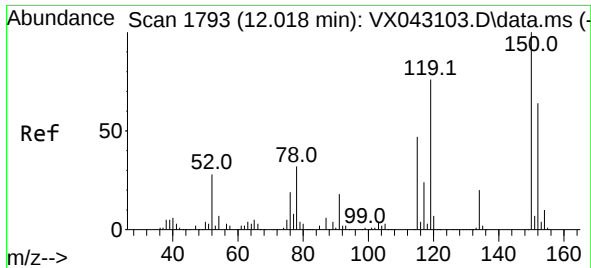
Ion Ratio Lower Upper

117 100

82 55.2 44.7 67.1

119 31.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043143.D

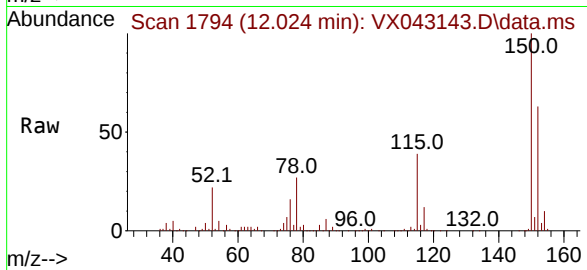
Acq: 25 Sep 2024 11:20

Instrument :

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RE139D2-20240920DL



Tgt Ion:152 Resp: 90828

Ion Ratio Lower Upper

152 100

115 64.0 43.7 131.1

150 160.9 0.0 344.6

