

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040296.D
 Acq On : 17 Feb 2024 12:52
 Operator : JC/MD
 Sample : P1507-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20240214DL

Quant Time: Feb 19 03:55:50 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)

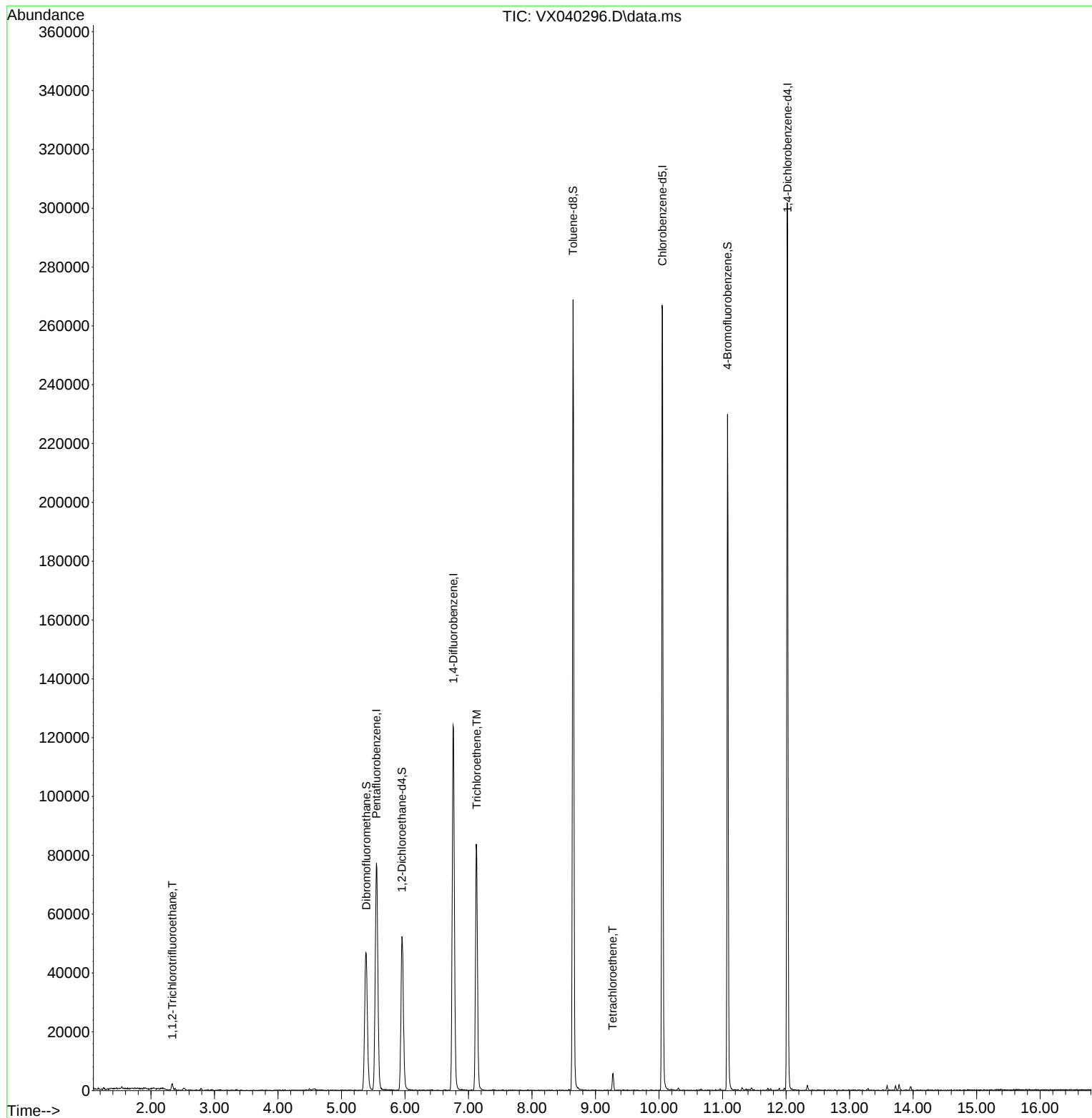
Internal Standards						
1) Pentafluorobenzene	5.550	168	73667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	51329	46.835	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.680%		
35) Dibromofluoromethane	5.391	113	41977	46.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.540%		
50) Toluene-d8	8.647	98	158466	47.196	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.400%		
62) 4-Bromofluorobenzene	11.079	95	60035	43.841	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.680%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	812	1.039	ug/l	92
44) Trichloroethene	7.129	130	31440	32.415	ug/l	95
64) Tetrachloroethene	9.269	164	1041	1.221	ug/l	94

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

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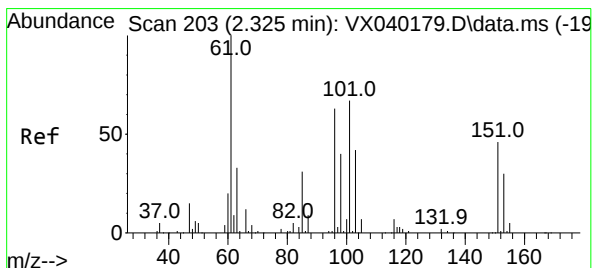
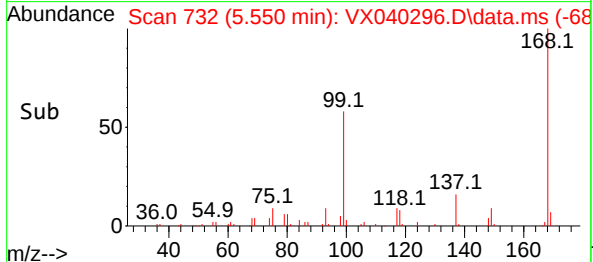
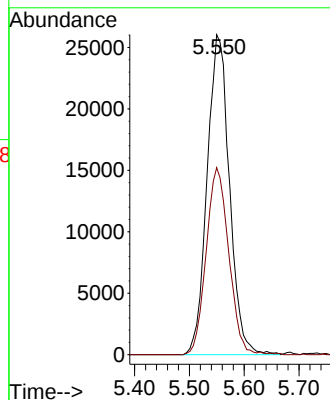
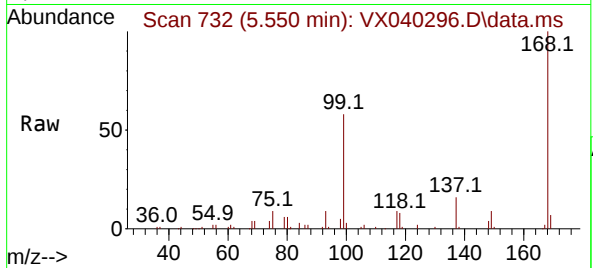




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040296.D
Acq: 17 Feb 2024 12:52

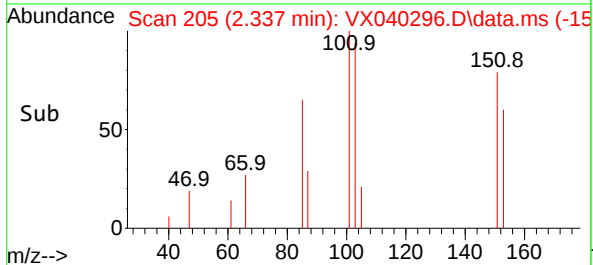
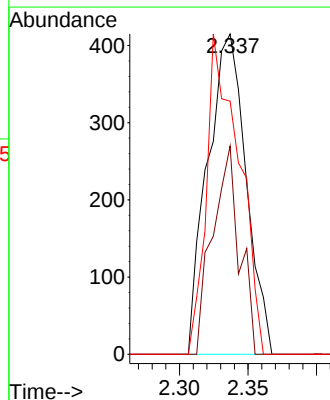
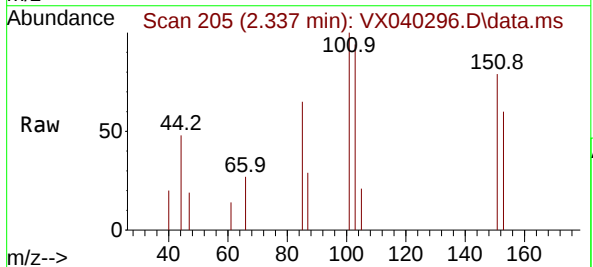
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20240214DL

Tgt Ion:168 Resp: 73667
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.039 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX040296.D
Acq: 17 Feb 2024 12:52

Tgt Ion:101 Resp: 812
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 84.2 58.6 87.8





#33

1,2-Dichloroethane-d4

Concen: 46.835 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040296.D

Acq: 17 Feb 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

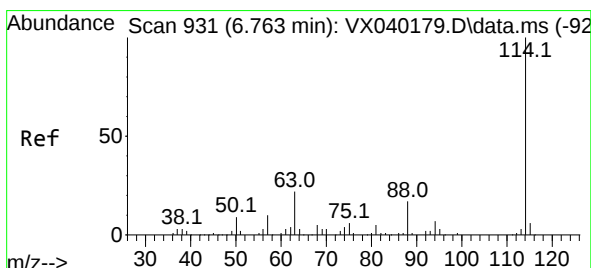
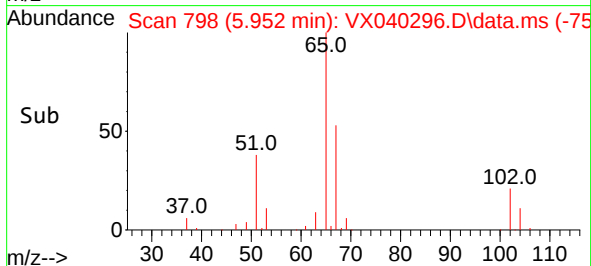
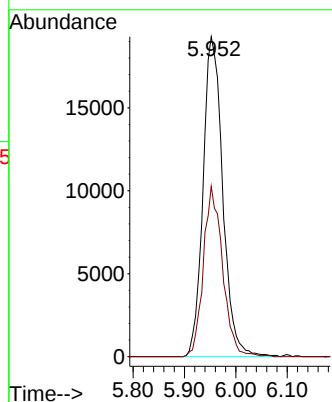
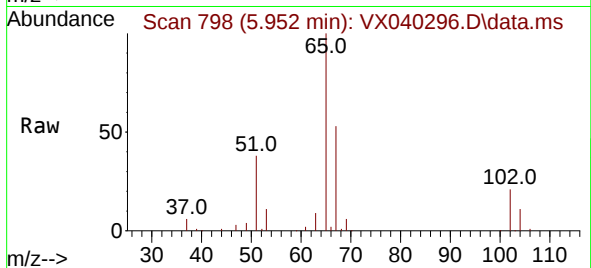
RE132D4-20240214DL

Tgt Ion: 65 Resp: 51329

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040296.D

Acq: 17 Feb 2024 12:52

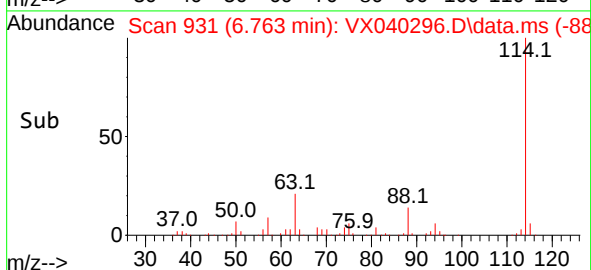
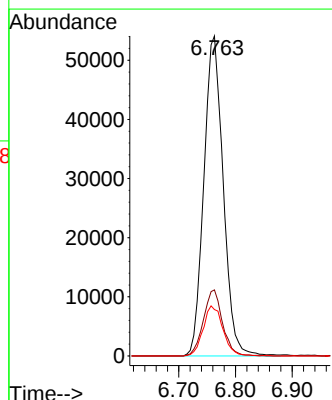
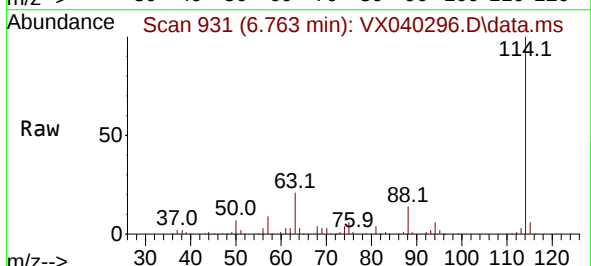
Tgt Ion: 114 Resp: 128531

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 14.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.766 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040296.D

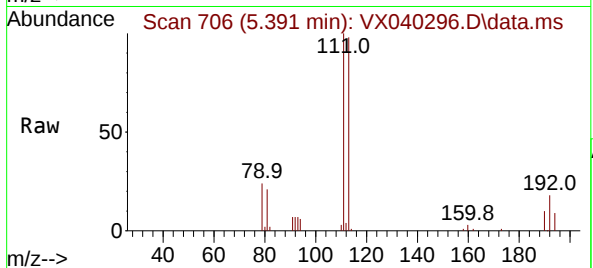
Acq: 17 Feb 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20240214DL



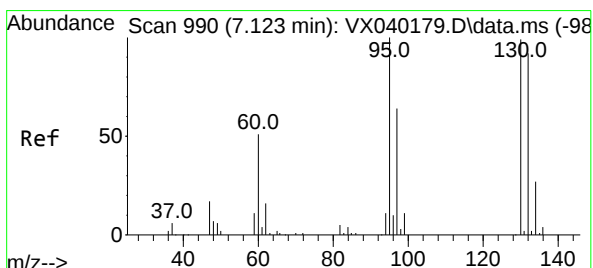
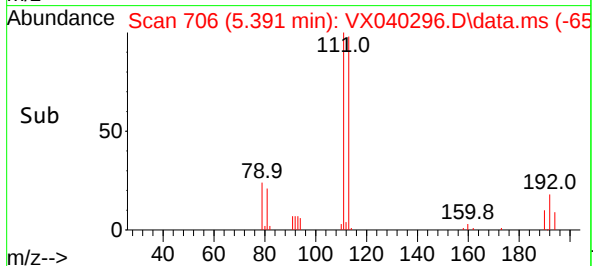
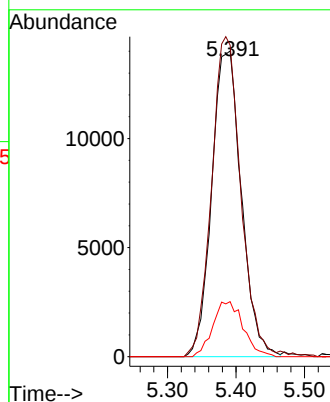
Tgt Ion:113 Resp: 41977

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

192 18.5 13.3 19.9



#44

Trichloroethene

Concen: 32.415 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX040296.D

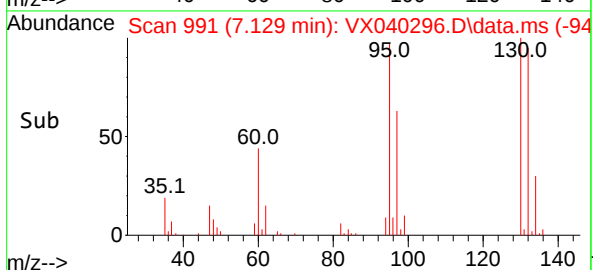
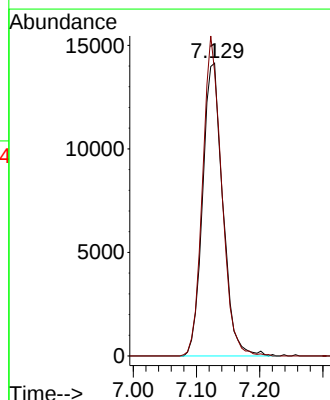
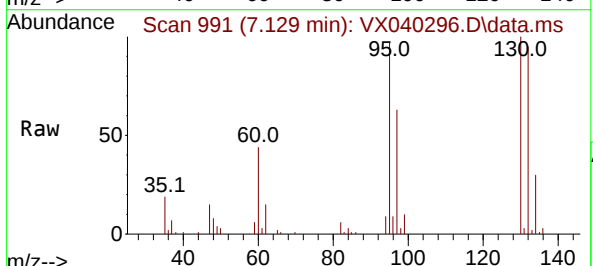
Acq: 17 Feb 2024 12:52

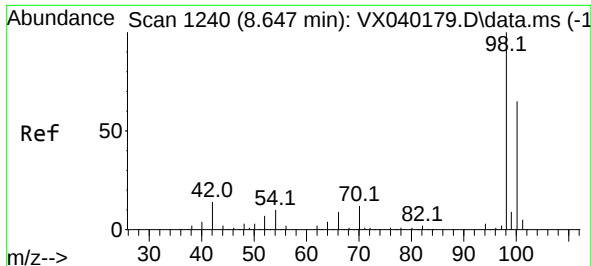
Tgt Ion:130 Resp: 31440

Ion Ratio Lower Upper

130 100

95 97.1 0.0 204.4

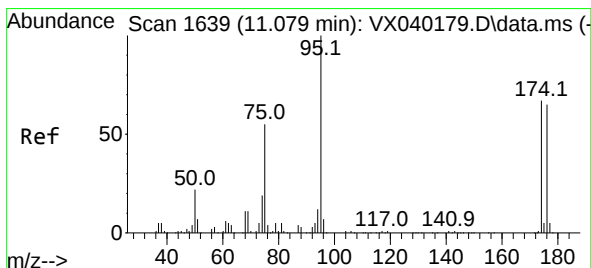
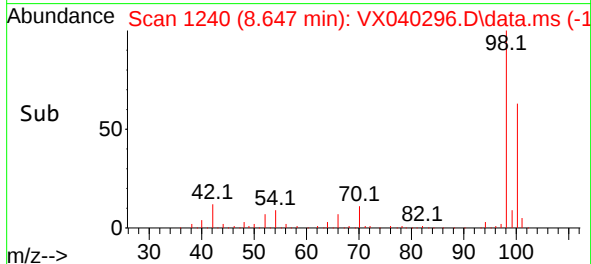
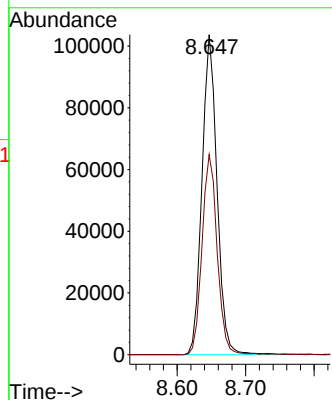
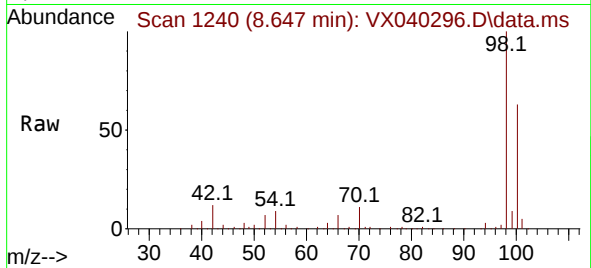




#50
Toluene-d8
Concen: 47.196 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040296.D
Acq: 17 Feb 2024 12:52

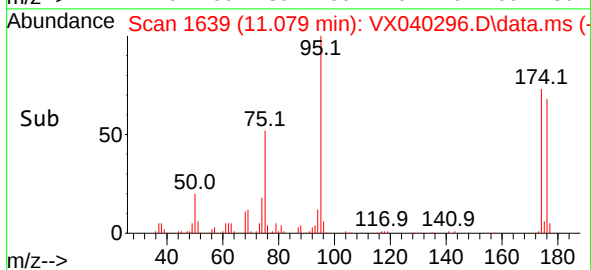
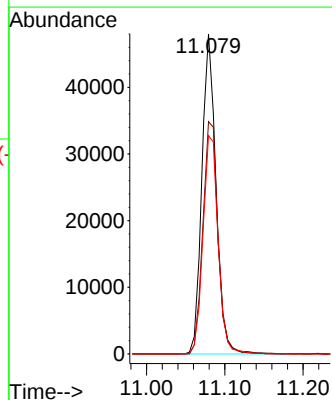
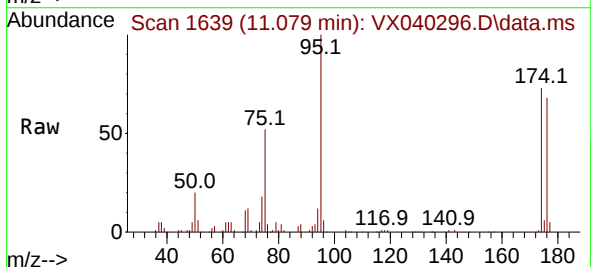
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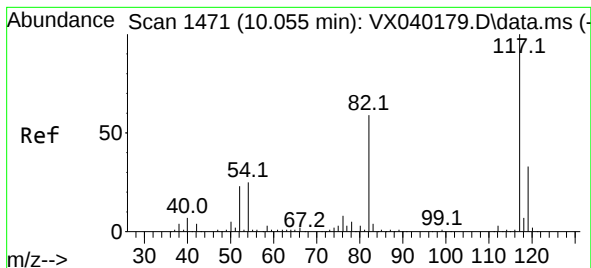
Tgt Ion: 98 Resp: 158466
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.841 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040296.D
Acq: 17 Feb 2024 12:52

Tgt Ion: 95 Resp: 60035
Ion Ratio Lower Upper
95 100
174 78.4 0.0 135.6
176 73.1 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: VX040296.D

Acq: 17 Feb 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20240214DL

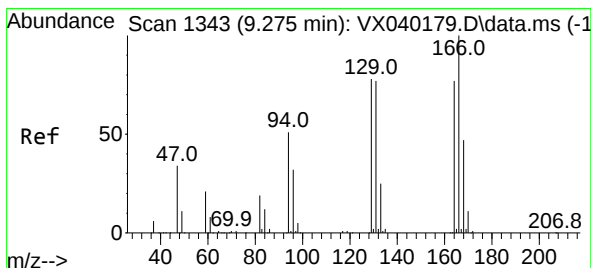
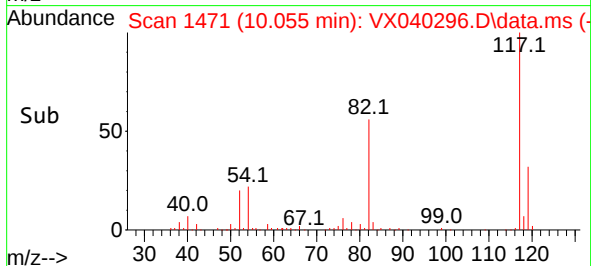
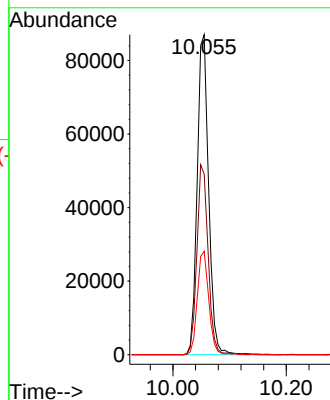
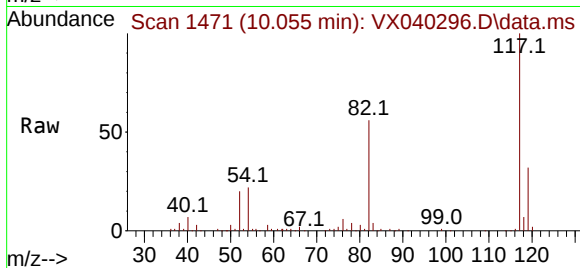
Tgt Ion:117 Resp: 121669

Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.4

119 32.3 25.5 38.3



#64

Tetrachloroethene

Concen: 1.221 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX040296.D

Acq: 17 Feb 2024 12:52

Tgt Ion:164 Resp: 1041

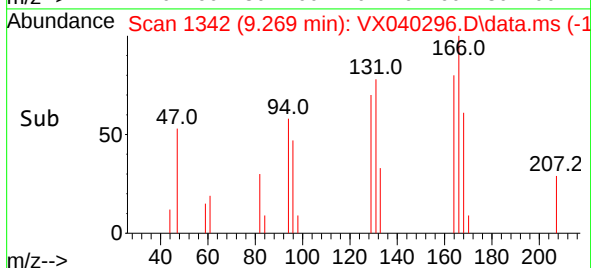
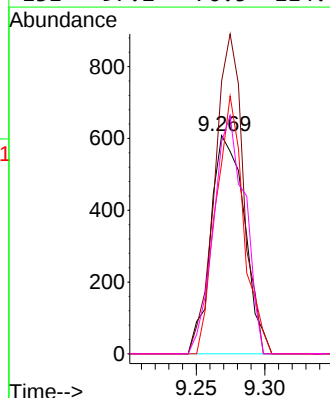
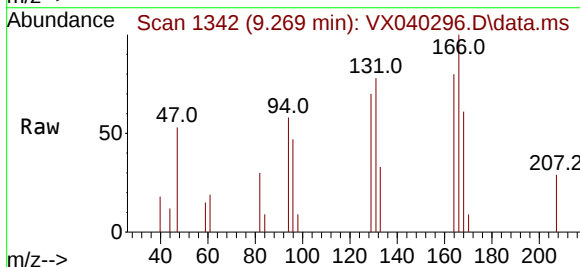
Ion Ratio Lower Upper

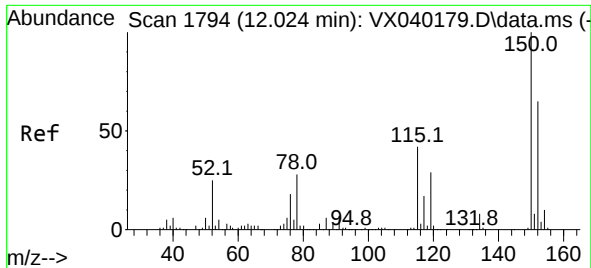
164 100

166 125.0 102.7 154.1

129 87.3 80.4 120.6

131 97.2 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: VX040296.D

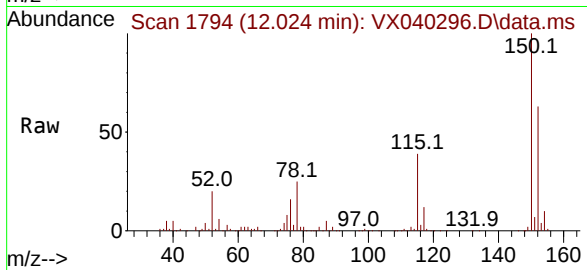
Acq: 17 Feb 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20240214DL



Tgt Ion:152 Resp: 61746

Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 158.6 0.0 345.0

