

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043435.D
 Acq On : 18 Oct 2024 15:32
 Operator : JC/MD
 Sample : P4438-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB190-HYD-20241016

Quant Time: Oct 18 23:21:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

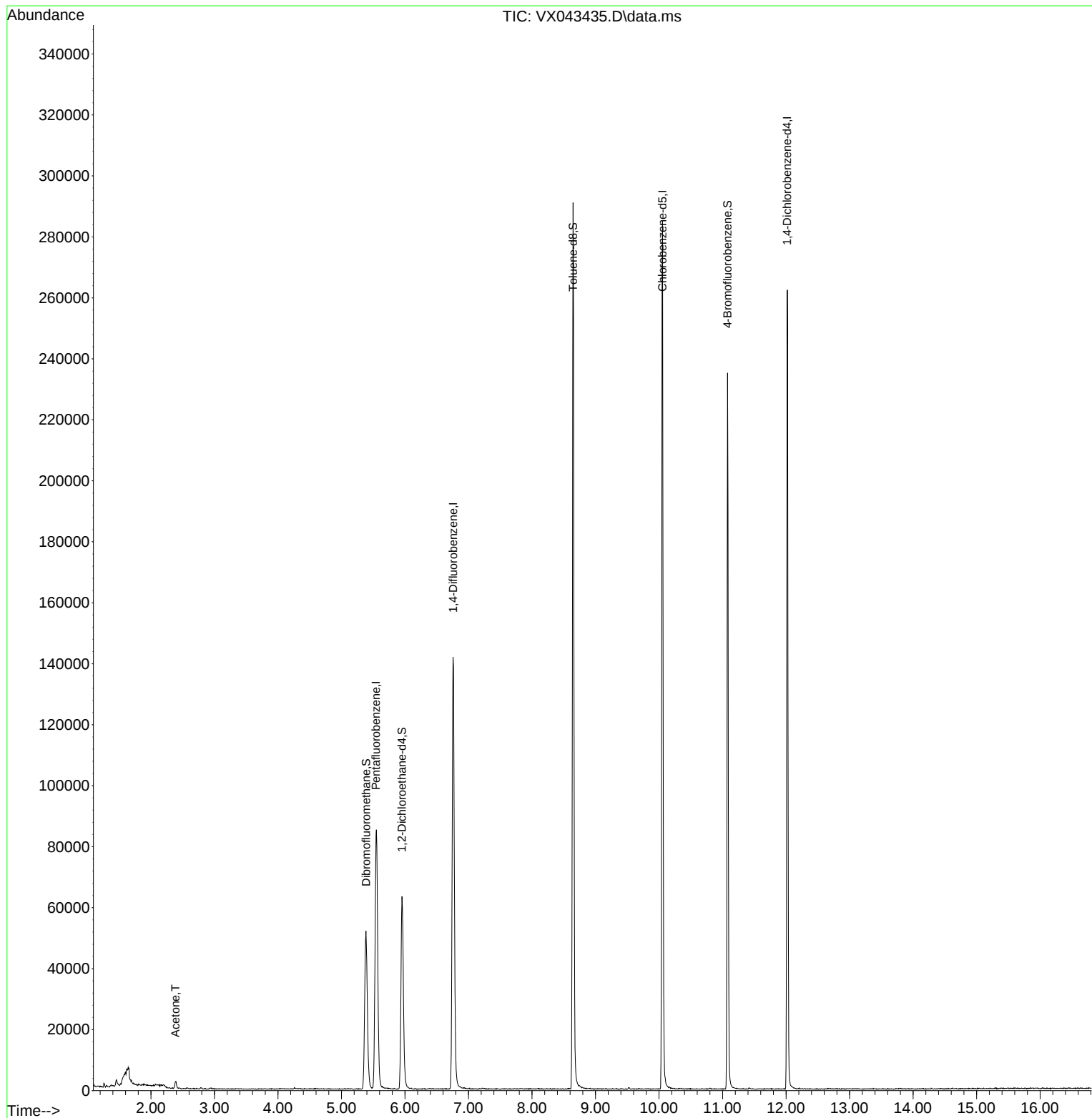
Internal Standards						
1) Pentafluorobenzene	5.544	168	78128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65103	51.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.040%
35) Dibromofluoromethane	5.385	113	45881	46.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.400%
50) Toluene-d8	8.647	98	175458	50.987	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.980%
62) 4-Bromofluorobenzene	11.079	95	62208	49.759	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.520%
Target Compounds						
16) Acetone	2.386	43	2982	5.596	ug/l	Qvalue 92

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

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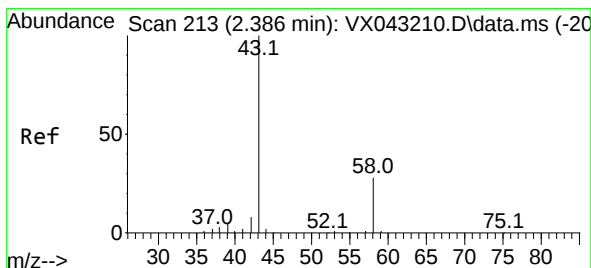
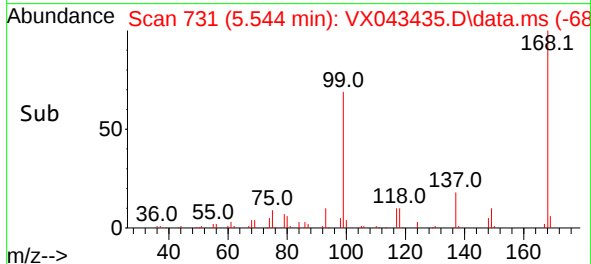
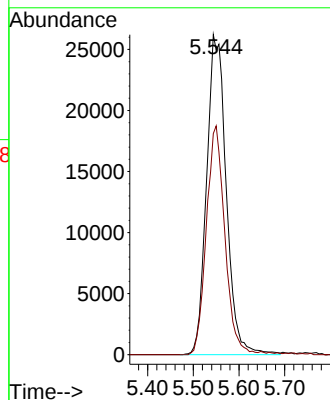
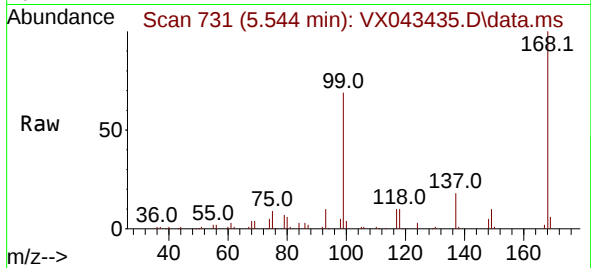




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

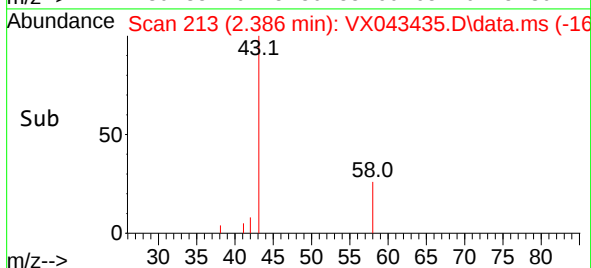
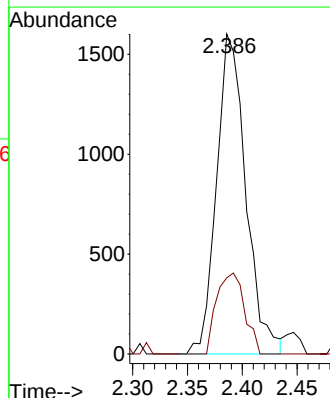
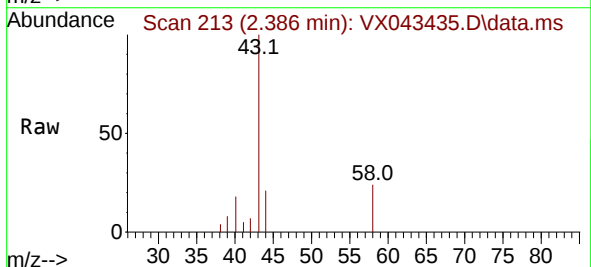
Instrument :
MSVOA_X
ClientSampleId :
VPB190-HYD-20241016

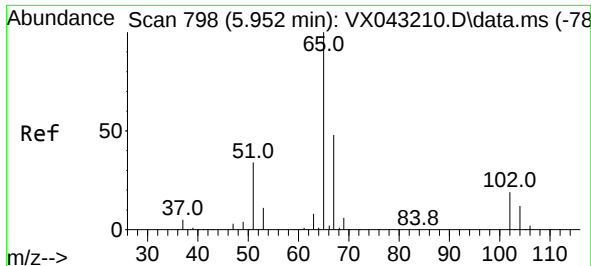
Tgt Ion:168 Resp: 78128
Ion Ratio Lower Upper
168 100
99 69.1 49.7 74.5



#16
Acetone
Concen: 5.596 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043435.D
Acq: 18 Oct 2024 15:32

Tgt Ion: 43 Resp: 2982
Ion Ratio Lower Upper
43 100
58 23.8 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 51.023 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043435.D

Acq: 18 Oct 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

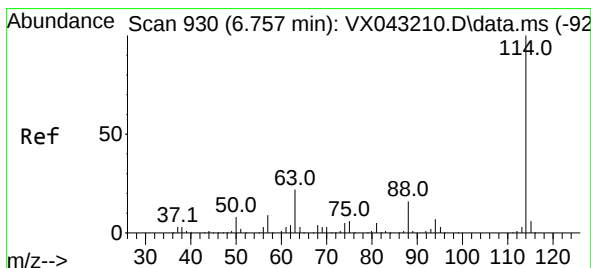
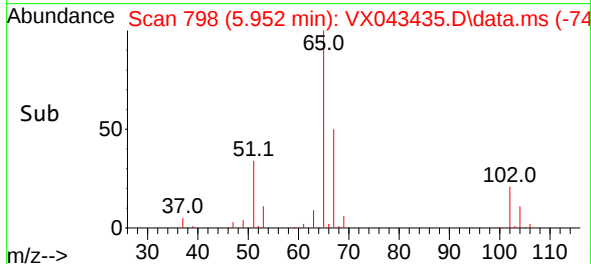
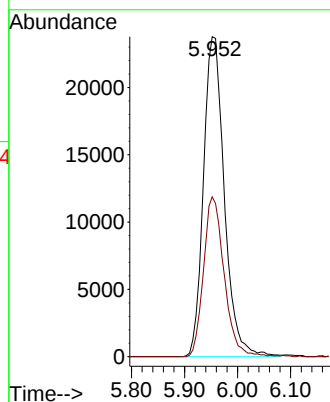
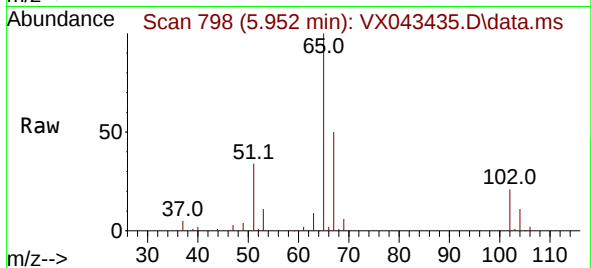
VPB190-HYD-20241016

Tgt Ion: 65 Resp: 65103

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043435.D

Acq: 18 Oct 2024 15:32

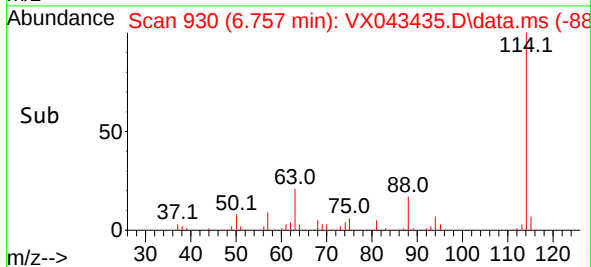
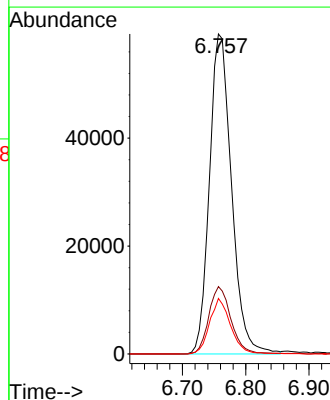
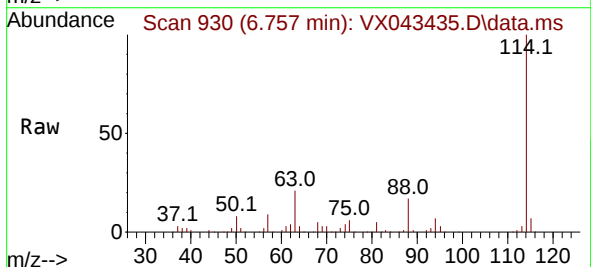
Tgt Ion: 114 Resp: 143990

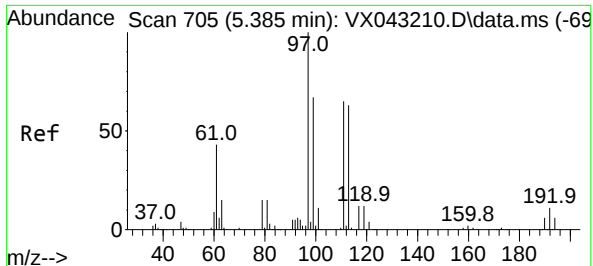
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.0

88 17.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 46.204 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX043435.D

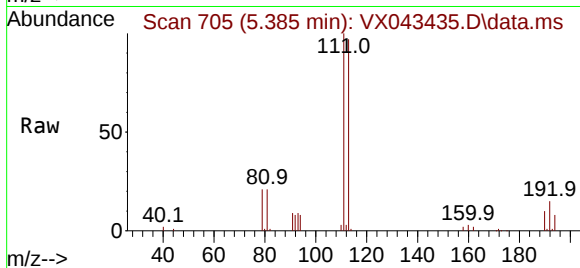
Acq: 18 Oct 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

VPB190-HYD-20241016



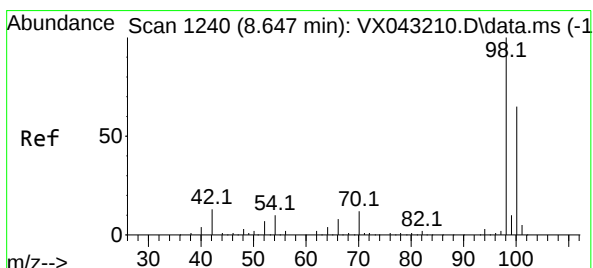
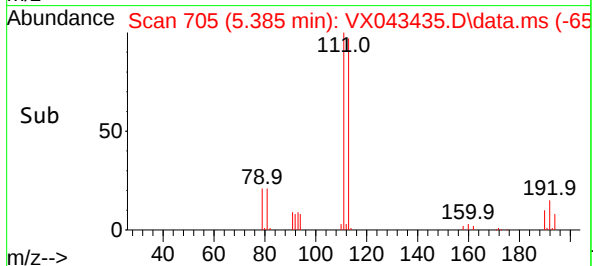
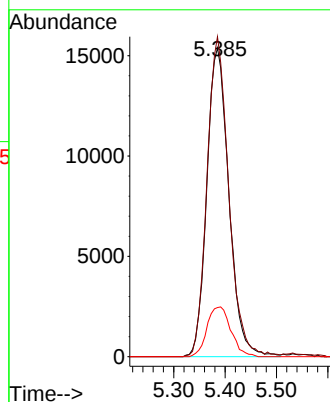
Tgt Ion:113 Resp: 45881

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.0

192 17.5 14.1 21.1



#50

Toluene-d8

Concen: 50.987 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043435.D

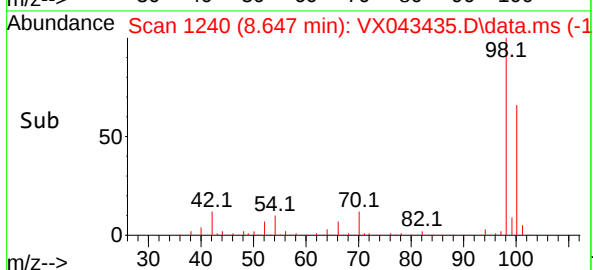
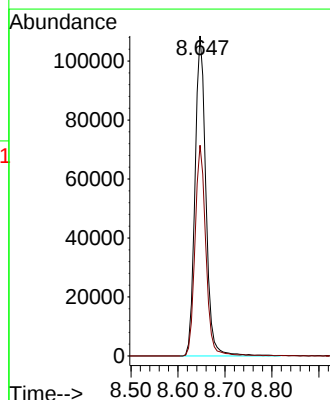
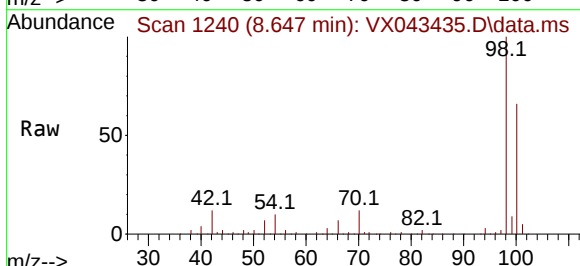
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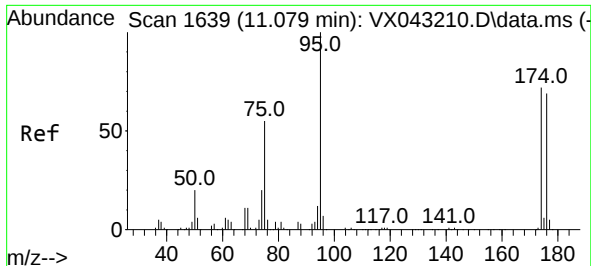
Tgt Ion: 98 Resp: 175458

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 49.759 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043435.D

Acq: 18 Oct 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

VPB190-HYD-20241016

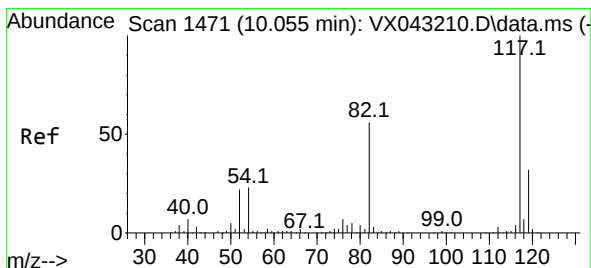
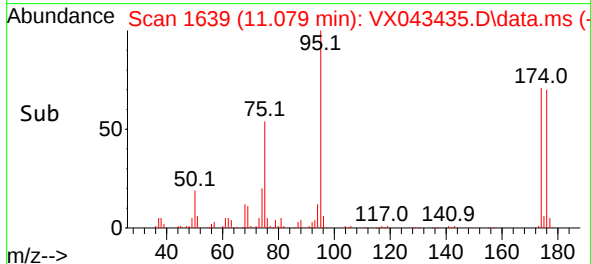
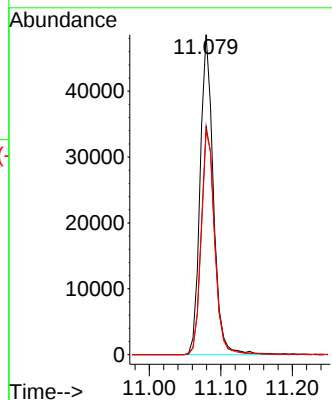
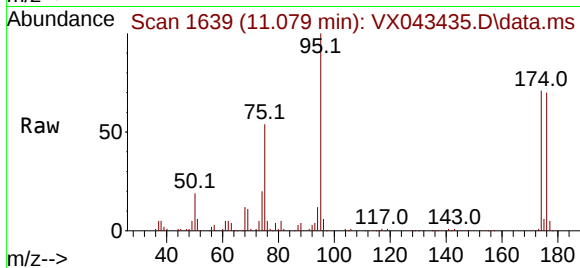
Tgt Ion: 95 Resp: 62208

Ion Ratio Lower Upper

95 100

174 72.7 0.0 145.0

176 70.8 0.0 143.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043435.D

Acq: 18 Oct 2024 15:32

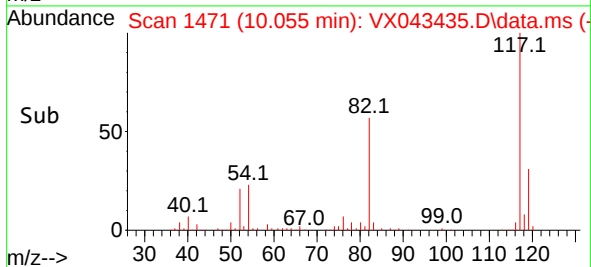
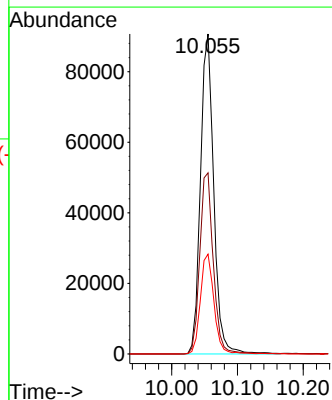
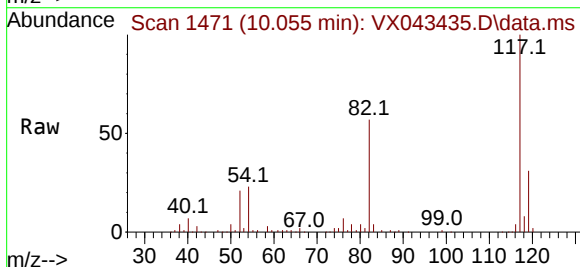
Tgt Ion: 117 Resp: 127313

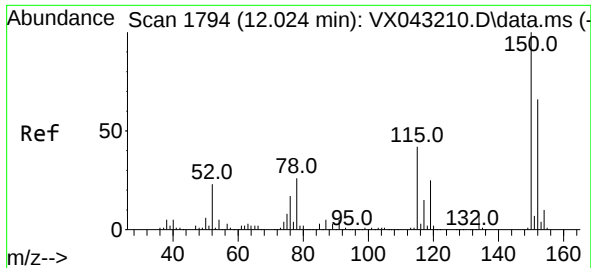
Ion Ratio Lower Upper

117 100

82 56.6 45.0 67.6

119 31.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX043435.D

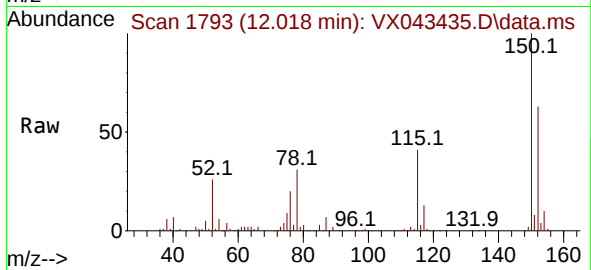
Acq: 18 Oct 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

VPB190-HYD-20241016



Tgt Ion:152 Resp: 52340

Ion Ratio Lower Upper

152 100

115 65.0 44.1 132.3

150 160.4 0.0 347.4

