

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046296.D
 Acq On : 21 May 2025 14:42
 Operator : JC/MD
 Sample : Q2082-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB182-HYD-20250516

Quant Time: May 22 01:50:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

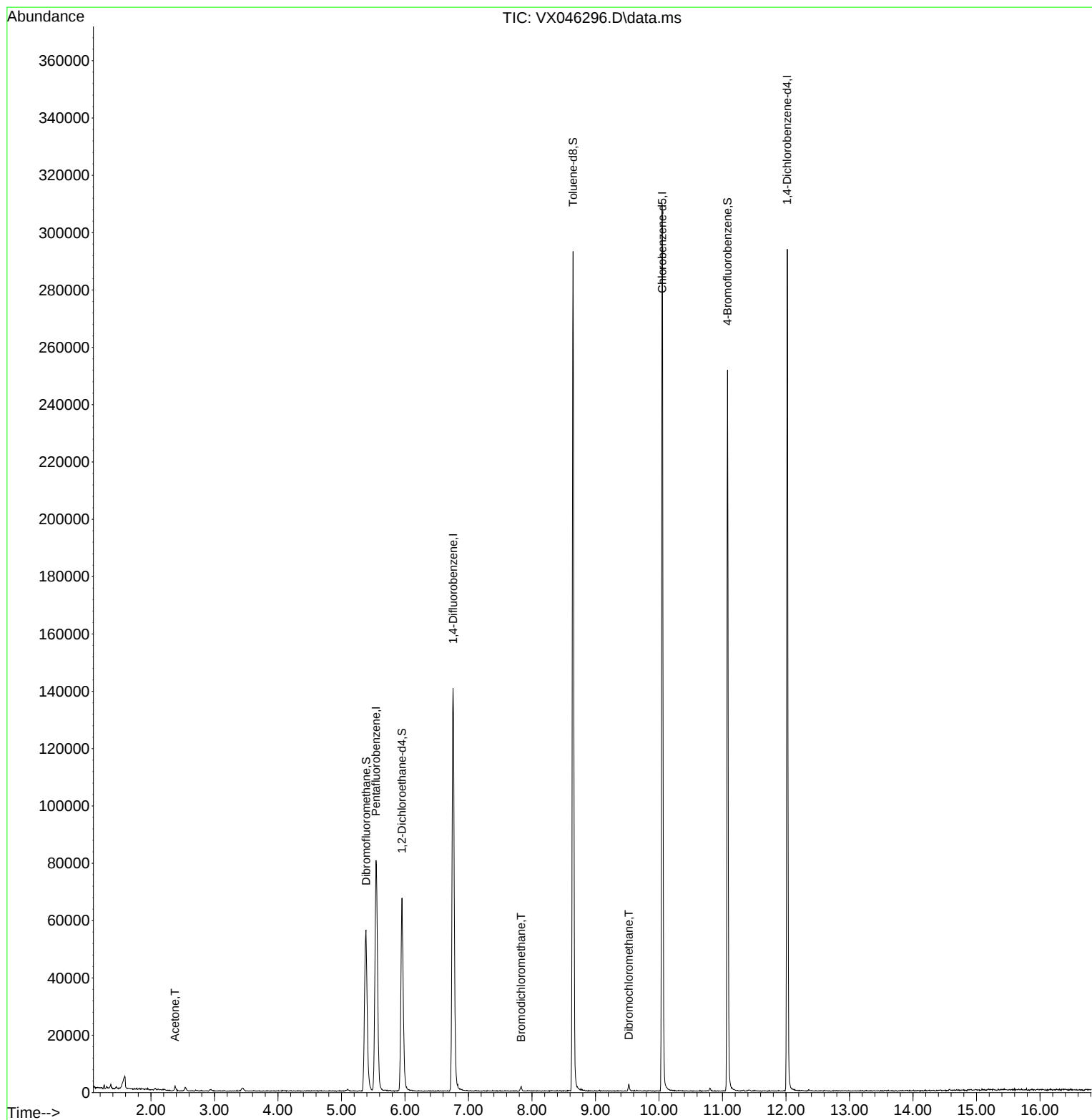
Internal Standards						
1) Pentafluorobenzene	5.544	168	67553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65952	52.368	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.740%	
35) Dibromofluoromethane	5.385	113	48556	50.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.340%	
50) Toluene-d8	8.647	98	165672	49.460	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	11.079	95	66559	51.802	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.600%	
Target Compounds						Qvalue
16) Acetone	2.380	43	1819	3.602	ug/l	93
47) Bromodichloromethane	7.830	83	915	0.622	ug/l #	91
60) Dibromochloromethane	9.525	129	1211	1.197	ug/l	96

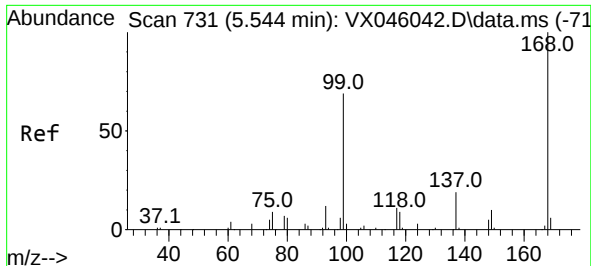
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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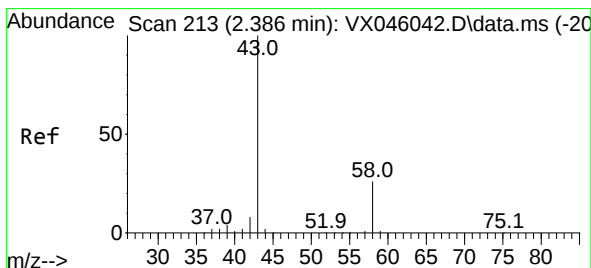
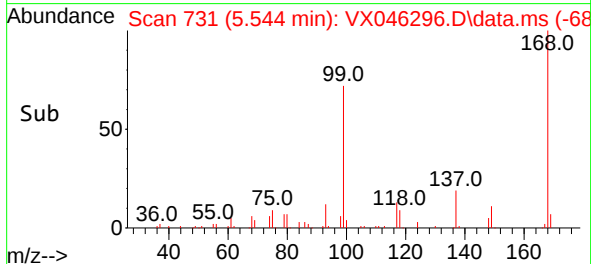
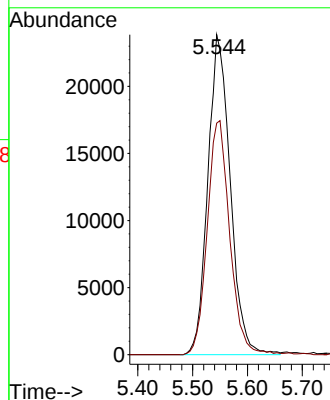
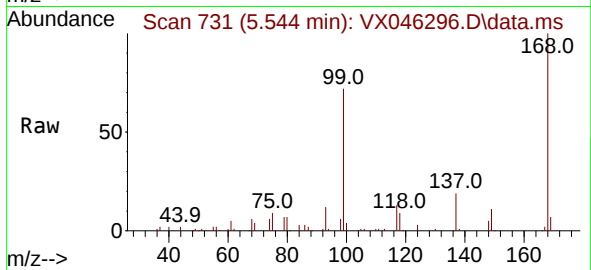




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

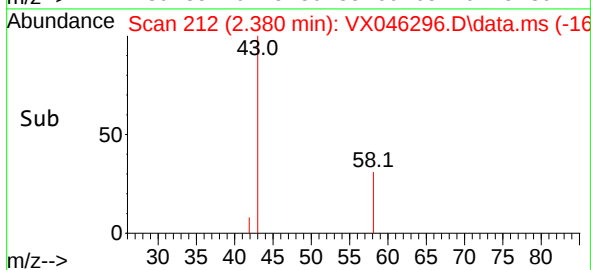
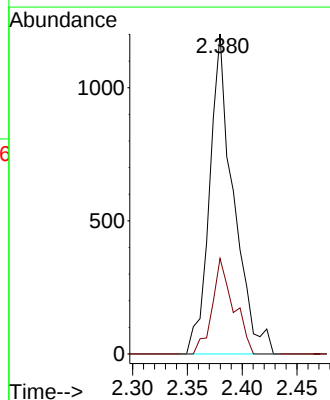
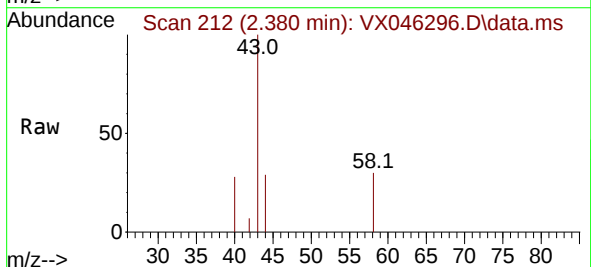
Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250516

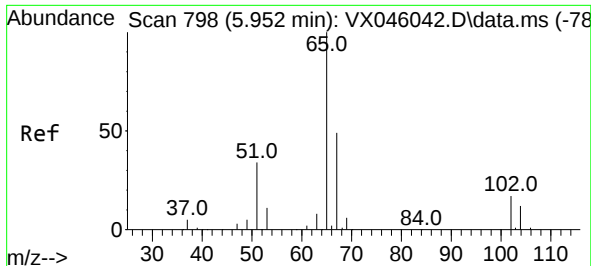
Tgt Ion:168 Resp: 67553
Ion Ratio Lower Upper
168 100
99 72.3 54.9 82.3



#16
Acetone
Concen: 3.602 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
58 29.9 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 52.368 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046296.D

Acq: 21 May 2025 14:42

Instrument :

MSVOA_X

ClientSampleId :

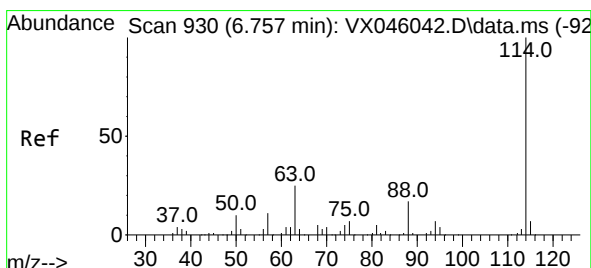
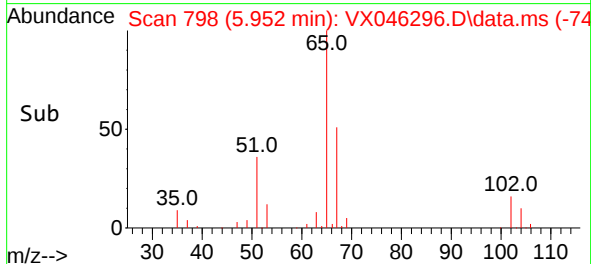
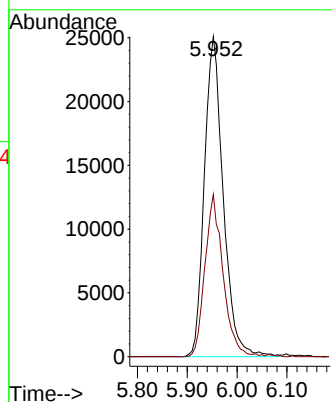
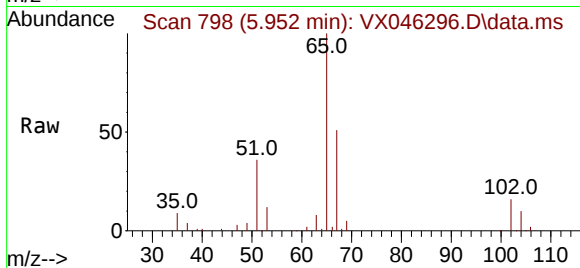
VPB182-HYD-20250516

Tgt Ion: 65 Resp: 65952

Ion Ratio Lower Upper

65 100

67 48.8 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: VX046296.D

Acq: 21 May 2025 14:42

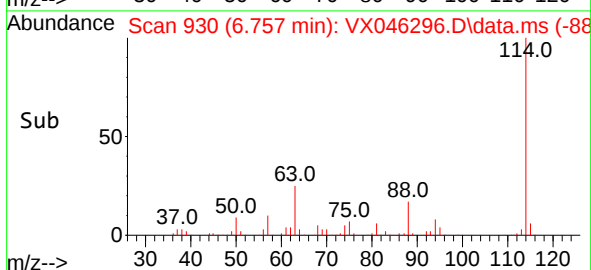
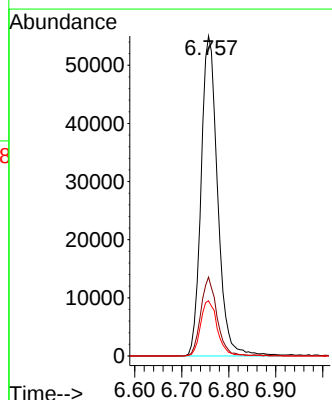
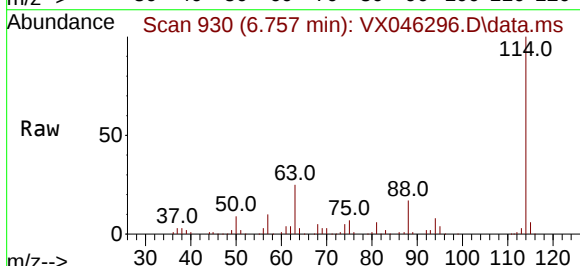
Tgt Ion: 114 Resp: 134394

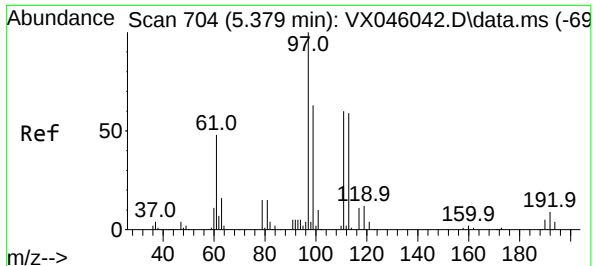
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

88 17.3 0.0 33.6

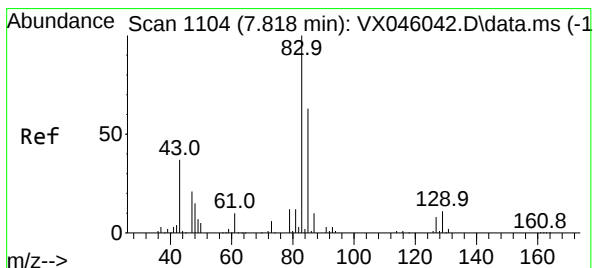
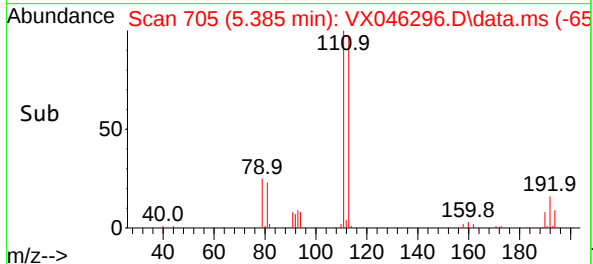
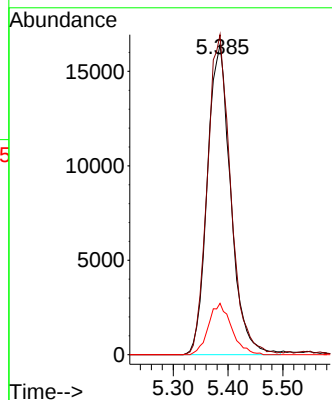
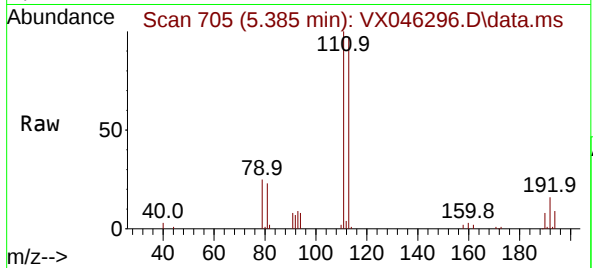




#35
Dibromofluoromethane
Concen: 50.173 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

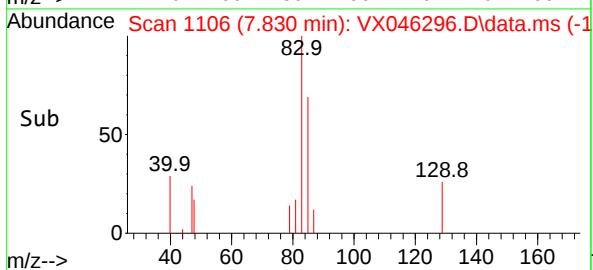
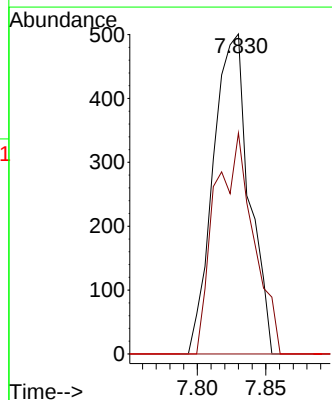
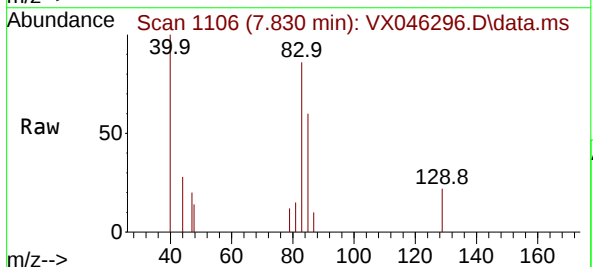
Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250516

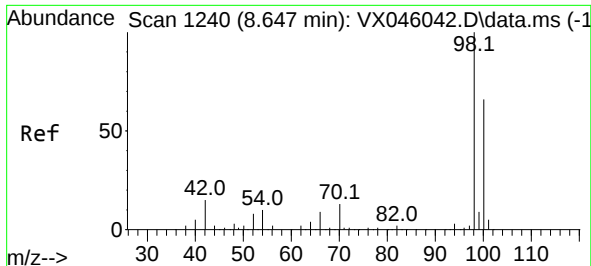
Tgt Ion:113 Resp: 48556
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 16.4 13.3 19.9



#47
Bromodichloromethane
Concen: 0.622 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

Tgt Ion: 83 Resp: 915
Ion Ratio Lower Upper
83 100
85 69.1 50.5 75.7
127 0.0 6.5 9.7#

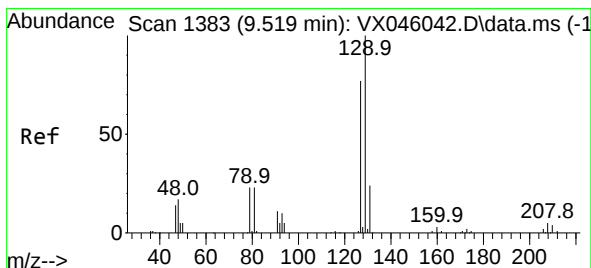
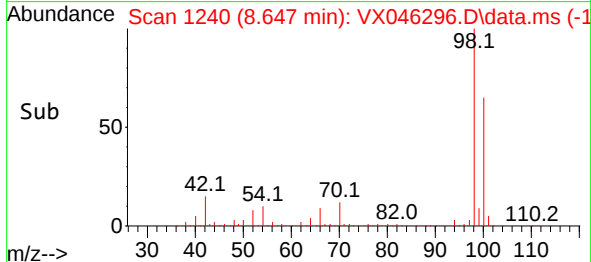
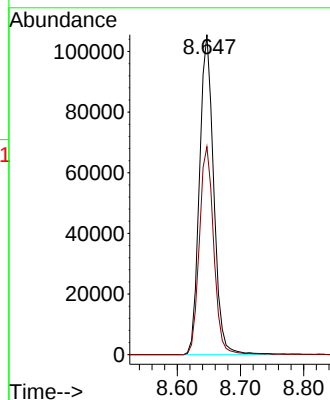
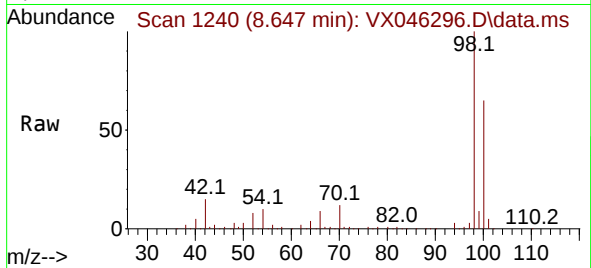




#50
Toluene-d8
Concen: 49.460 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

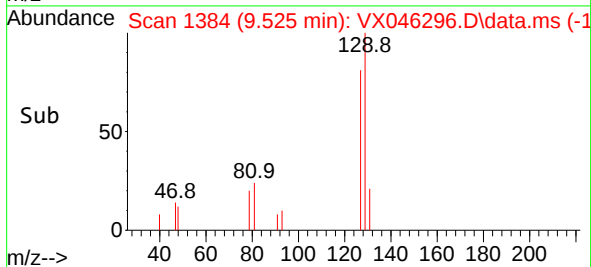
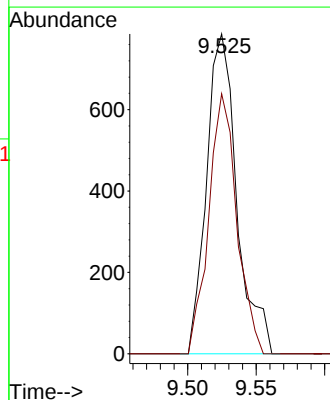
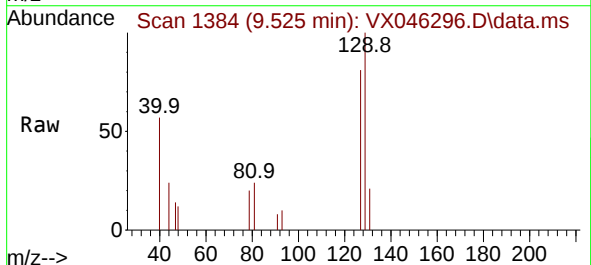
Instrument :
MSVOA_X
ClientSampleId :
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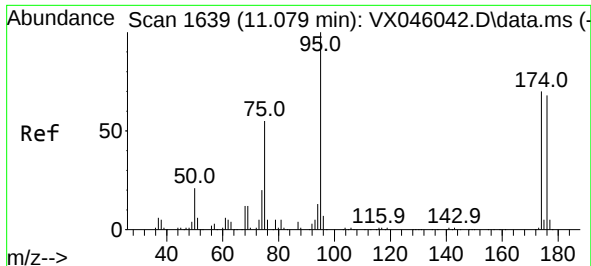
Tgt Ion: 98 Resp: 165672
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3



#60
Dibromochloromethane
Concen: 1.197 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

Tgt Ion: 129 Resp: 1211
Ion Ratio Lower Upper
129 100
127 75.1 39.3 117.8





#62

4-Bromofluorobenzene

Concen: 51.802 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046296.D

Acq: 21 May 2025 14:42

Instrument :

MSVOA_X

ClientSampleId :

VPB182-HYD-20250516

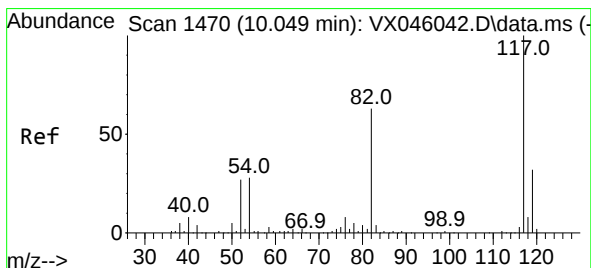
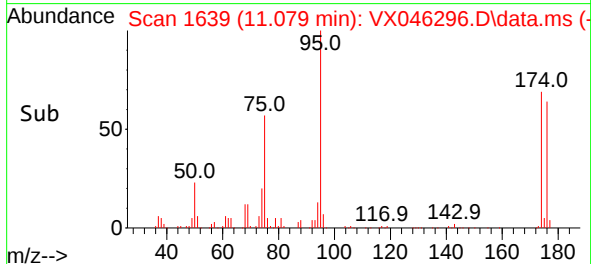
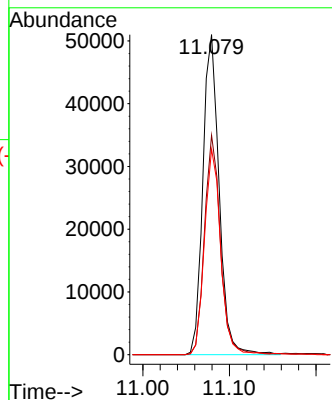
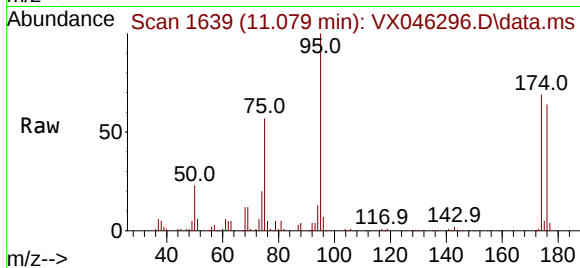
Tgt Ion: 95 Resp: 66559

Ion Ratio Lower Upper

95 100

174 67.5 0.0 135.8

176 64.0 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX046296.D

Acq: 21 May 2025 14:42

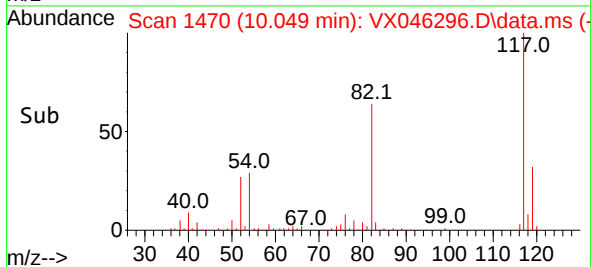
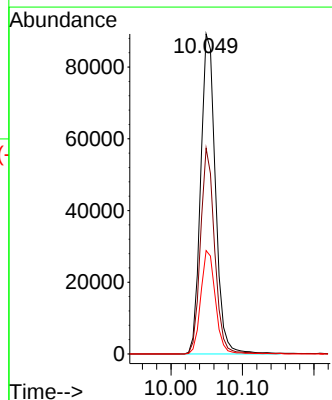
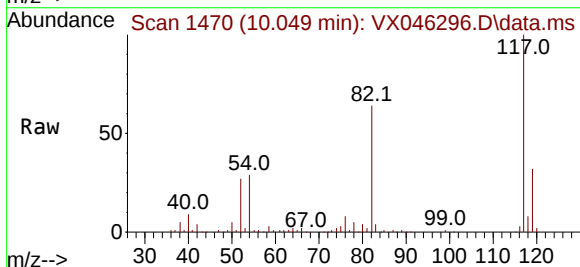
Tgt Ion: 117 Resp: 128060

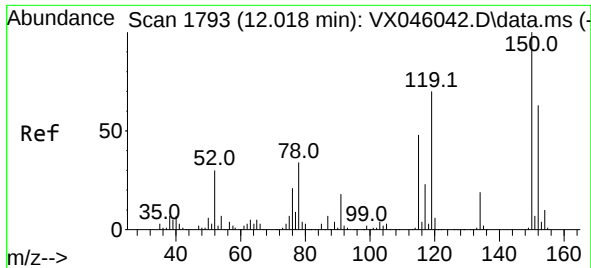
Ion Ratio Lower Upper

117 100

82 64.3 50.6 76.0

119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046296.D

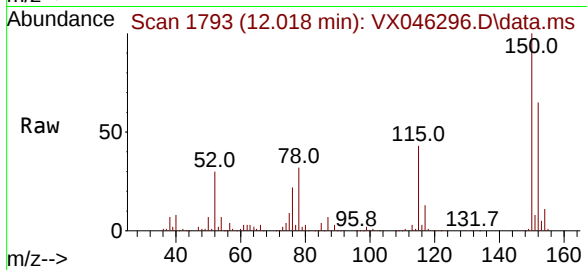
Acq: 21 May 2025 14:42

Instrument :

MSVOA_X

ClientSampleId :

VPB182-HYD-20250516



Tgt Ion:152 Resp: 54802

Ion Ratio Lower Upper

152 100

115 65.8 46.9 140.7

150 156.1 0.0 351.0

