

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047884.D
 Acq On : 29 Sep 2025 15:20
 Operator : JC/MD
 Sample : Q3213-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20250924

Quant Time: Sep 30 01:22:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

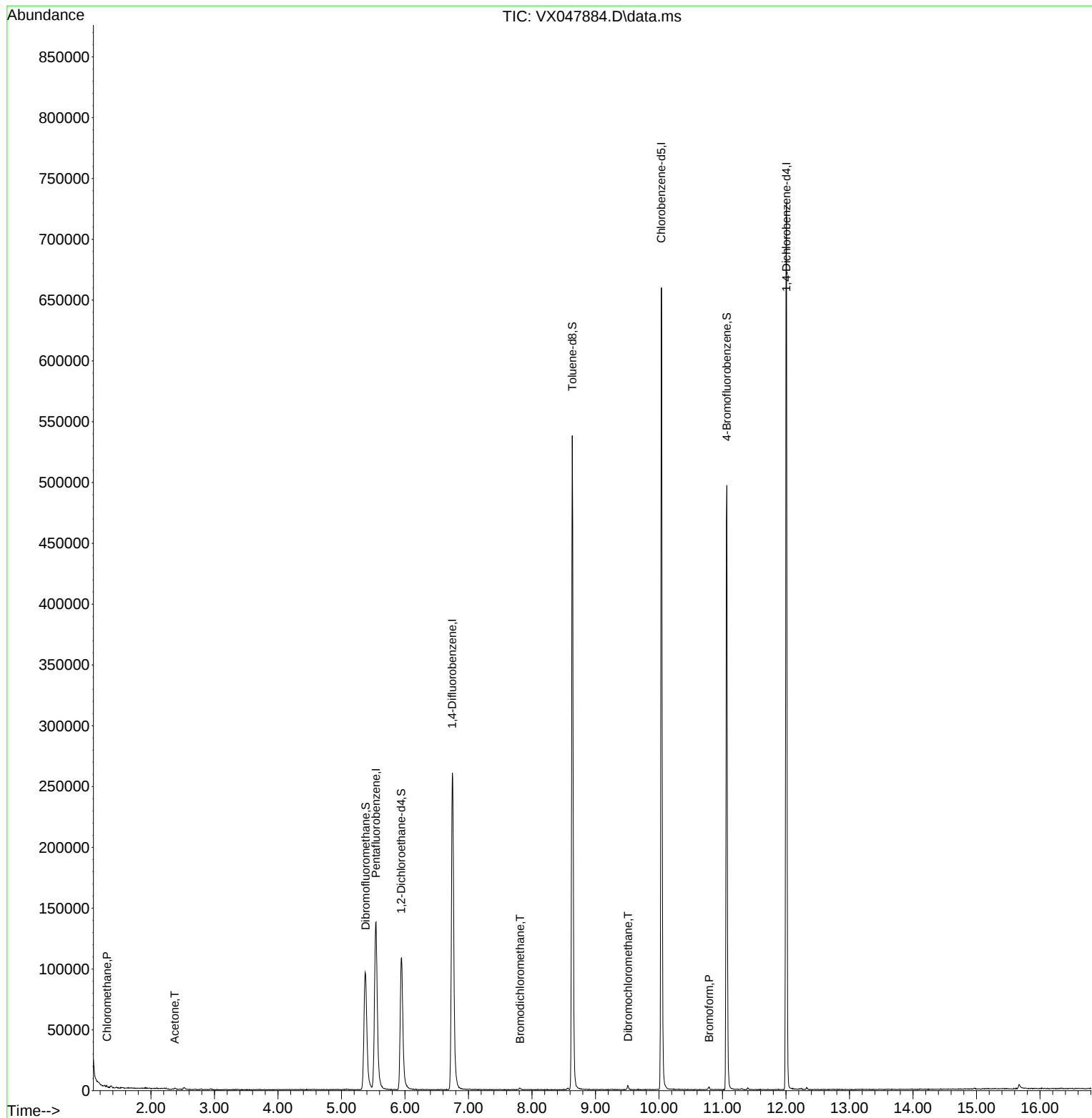
Internal Standards						
1) Pentafluorobenzene	5.544	168	137990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	287753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	302814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	155121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119798	54.542	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.080%		
35) Dibromofluoromethane	5.379	113	96280	49.890	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.780%		
50) Toluene-d8	8.635	98	324271	48.561	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.120%		
62) 4-Bromofluorobenzene	11.067	95	141573	55.863	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 111.720%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1005	0.535	ug/l	94
16) Acetone	2.374	43	1190	1.246	ug/l #	79
47) Bromodichloromethane	7.812	83	1036	0.315	ug/l #	81
60) Dibromochloromethane	9.513	129	1749	0.746	ug/l	100
71) Bromoform	10.787	173	934	0.527	ug/l #	93

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

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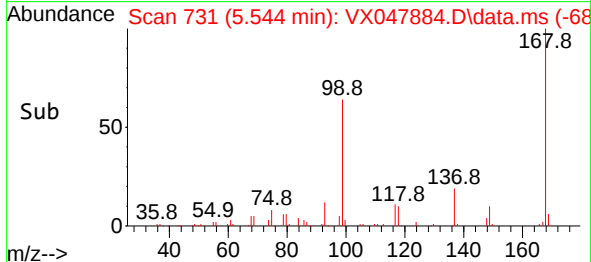
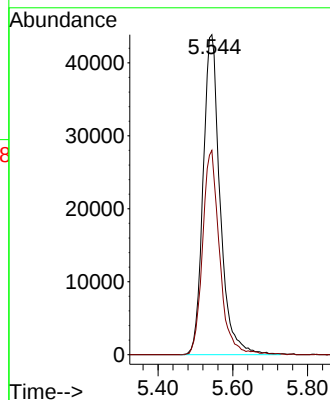
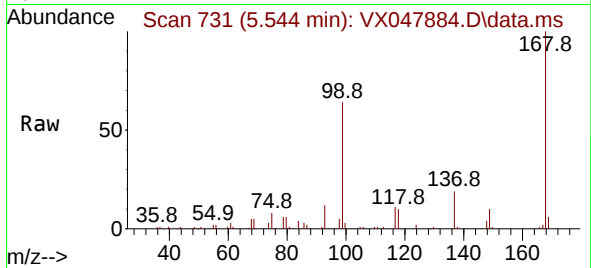




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

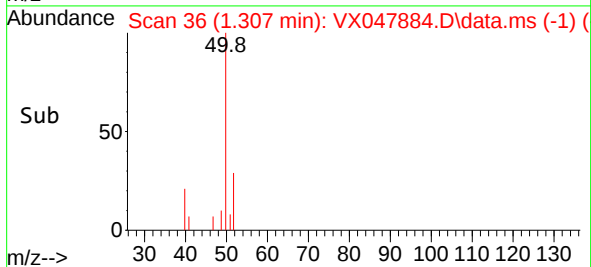
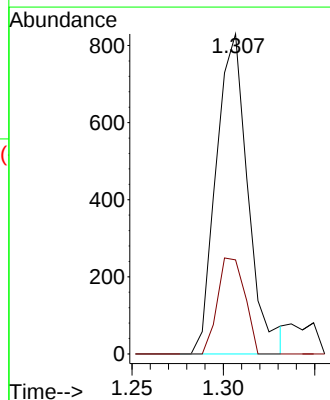
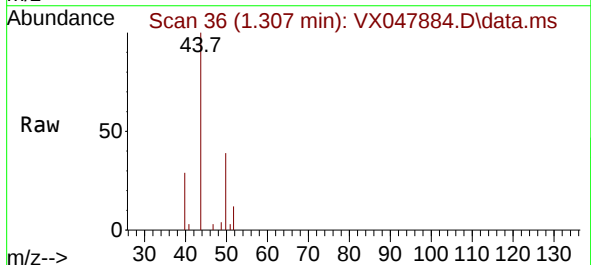
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20250924

Tgt Ion:168 Resp: 137990
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2



#3
Chloromethane
Concen: 0.535 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

Tgt Ion: 50 Resp: 1005
Ion Ratio Lower Upper
50 100
52 29.4 26.1 39.1

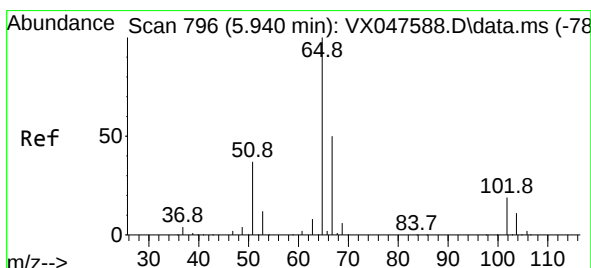
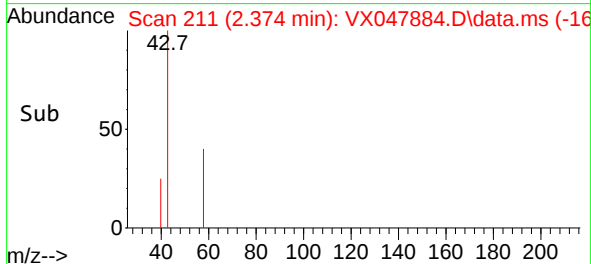
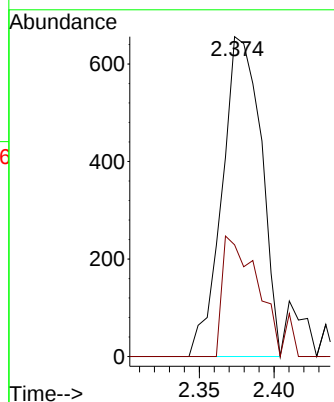
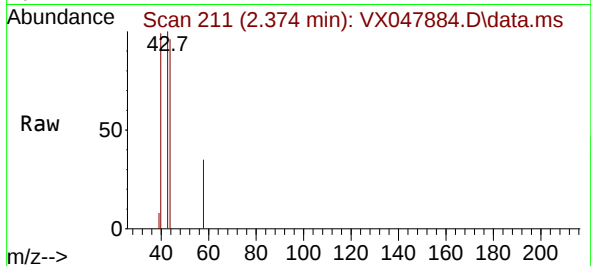




#16
Acetone
Concen: 1.246 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

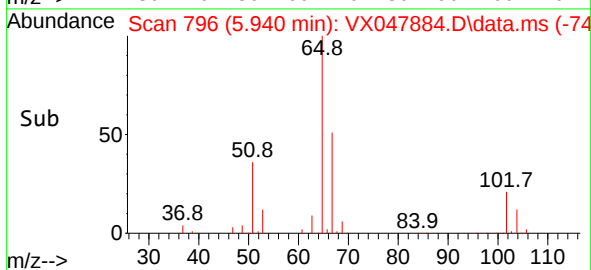
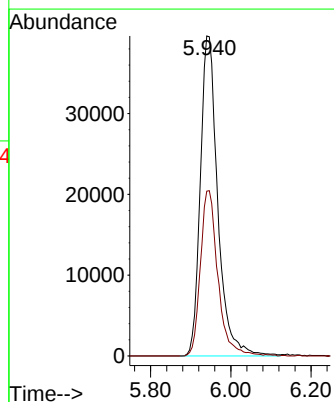
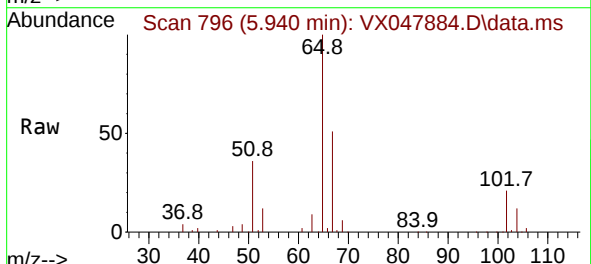
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20250924

Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
58 17.8 23.4 35.0#



#33
1,2-Dichloroethane-d4
Concen: 54.542 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

Tgt Ion: 65 Resp: 119798
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

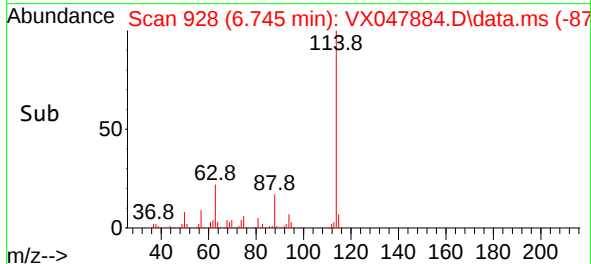
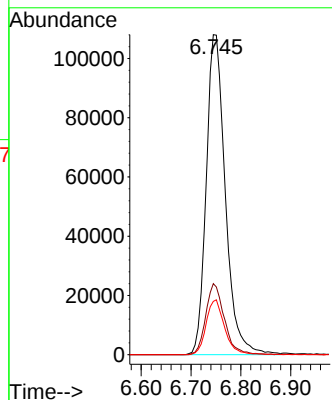
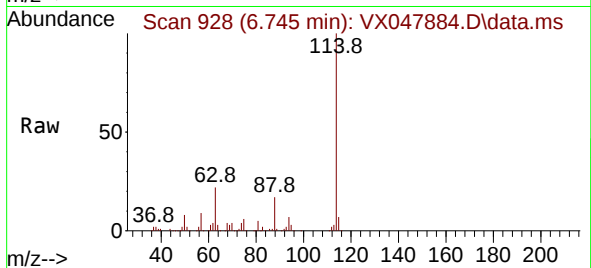




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

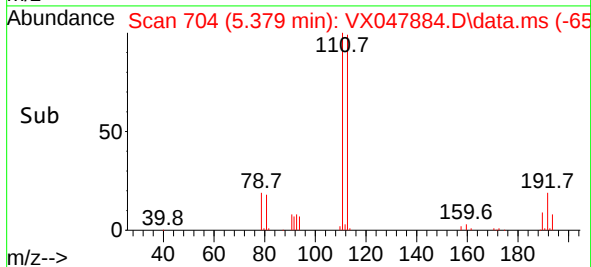
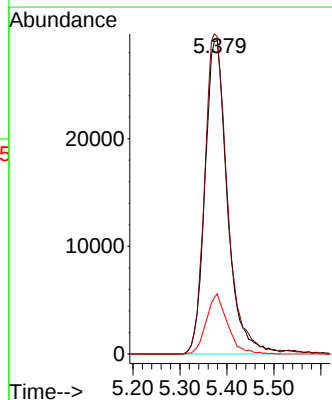
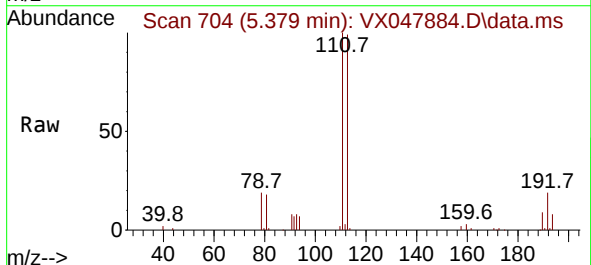
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20250924

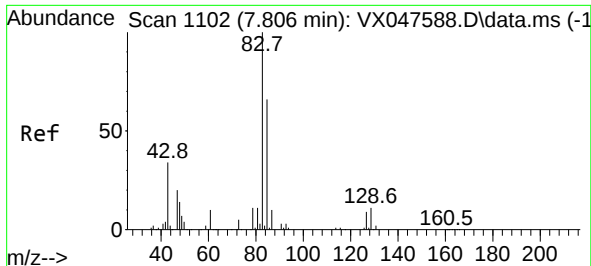
Tgt Ion:114 Resp: 287753
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.890 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

Tgt Ion:113 Resp: 96280
Ion Ratio Lower Upper
113 100
111 103.8 80.9 121.3
192 18.1 14.2 21.4





#47

Bromodichloromethane

Concen: 0.315 ug/l

RT: 7.812 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VX047884.D

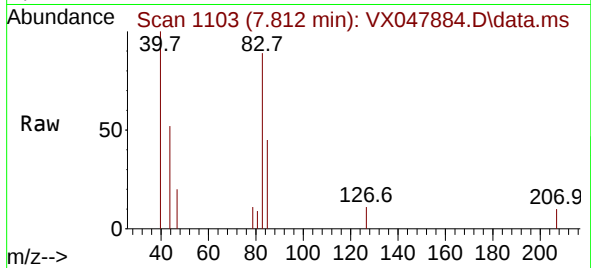
Acq: 29 Sep 2025 15:20

Instrument :

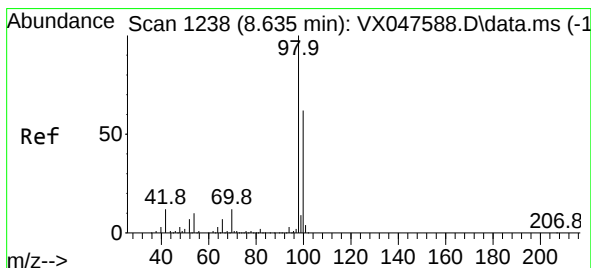
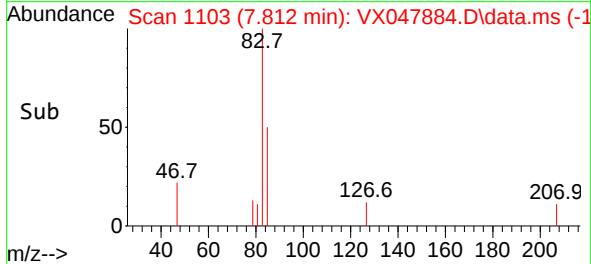
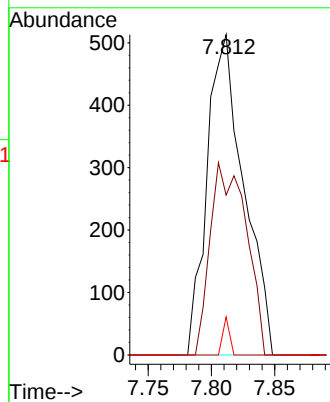
MSVOA_X

ClientSampleId :

VPB184-HYD-20250924



Tgt Ion:	83	Resp:	1036
Ion	Ratio	Lower	Upper
83	100		
85	49.9	52.5	78.7#
127	11.9	6.9	10.3#



#50

Toluene-d8

Concen: 48.561 ug/l

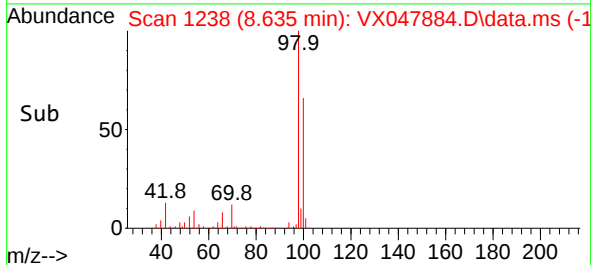
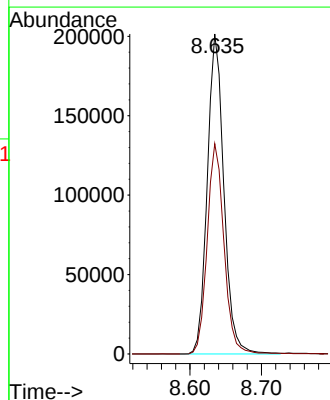
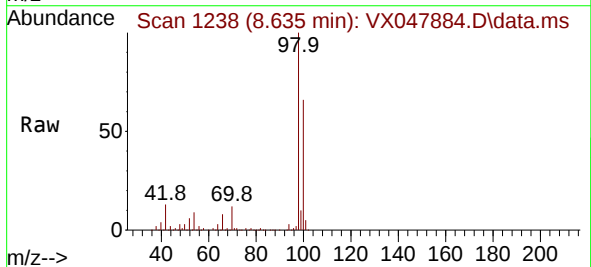
RT: 8.635 min Scan# 1238

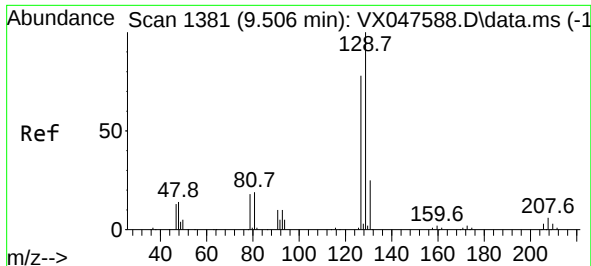
Delta R.T. -0.000 min

Lab File: VX047884.D

Acq: 29 Sep 2025 15:20

Tgt Ion:	98	Resp:	324271
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4

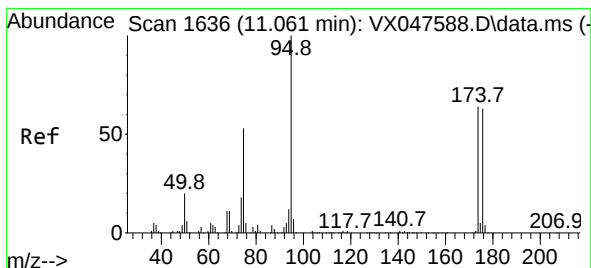
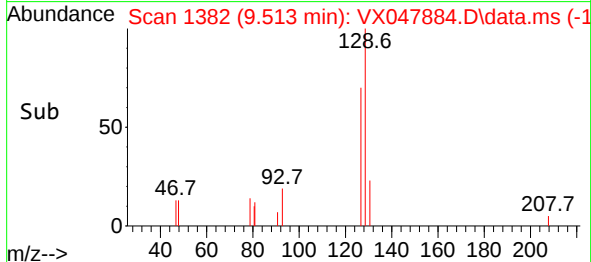
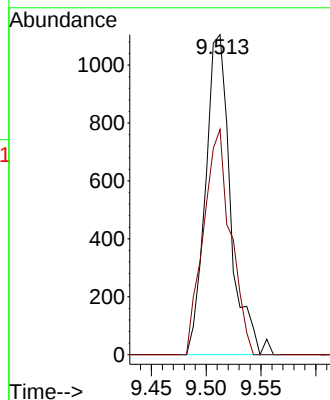
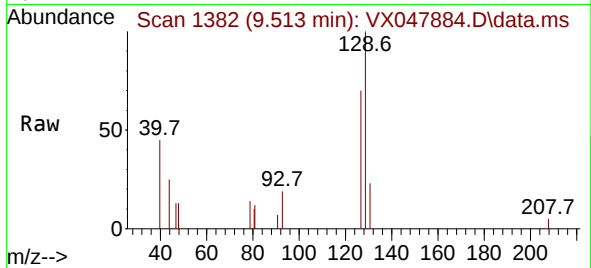




#60
Dibromochloromethane
Concen: 0.746 ug/l
RT: 9.513 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

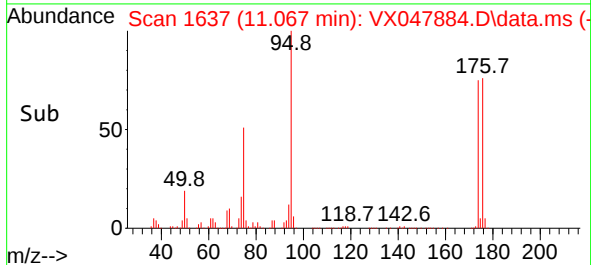
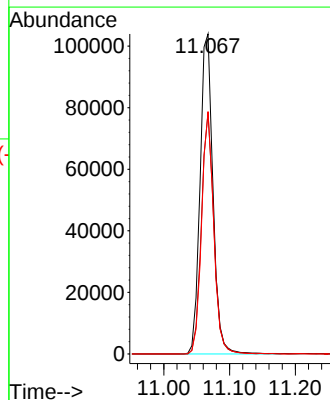
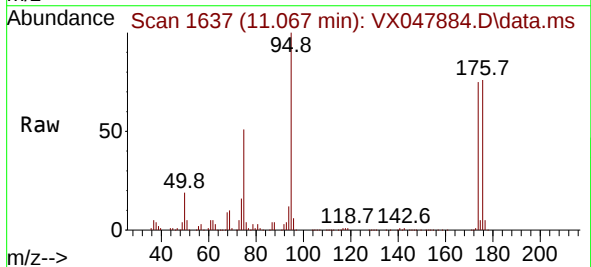
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20250924

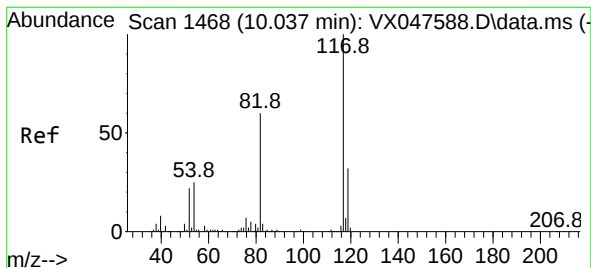
Tgt Ion:129 Resp: 1749
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 55.863 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

Tgt Ion: 95 Resp: 141573
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 71.3 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047884.D

Acq: 29 Sep 2025 15:20

Instrument :

MSVOA_X

ClientSampleId :

VPB184-HYD-20250924

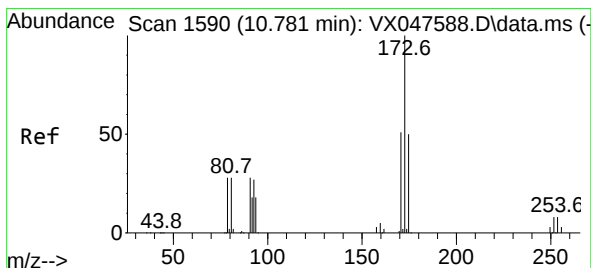
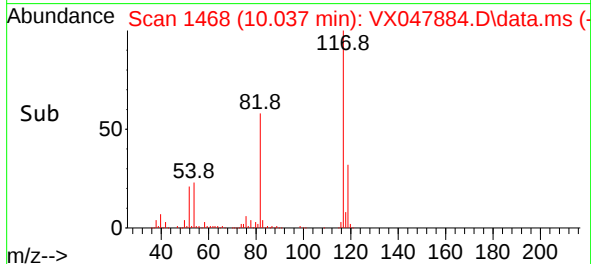
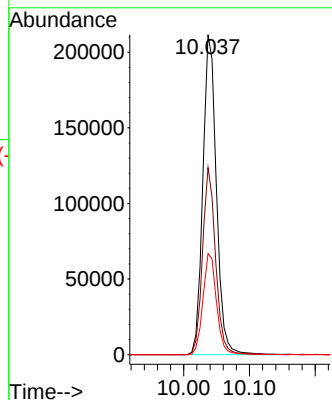
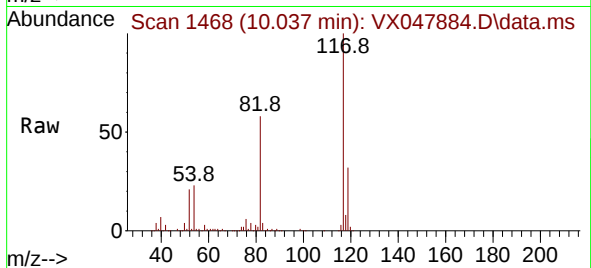
Tgt Ion:117 Resp: 302814

Ion Ratio Lower Upper

117 100

82 58.4 47.8 71.6

119 31.6 25.2 37.8



#71

Bromoform

Concen: 0.527 ug/l

RT: 10.787 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VX047884.D

Acq: 29 Sep 2025 15:20

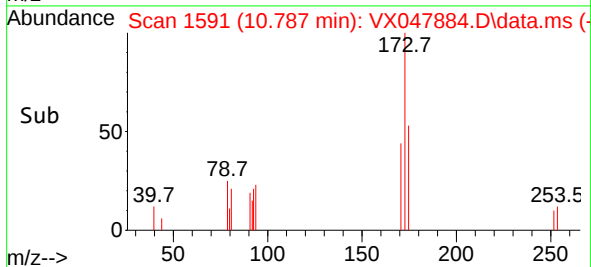
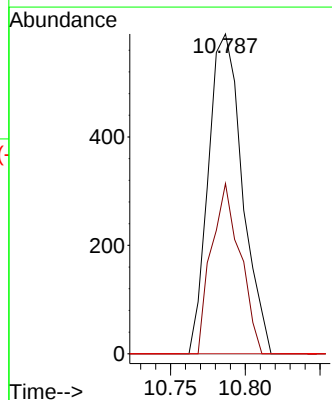
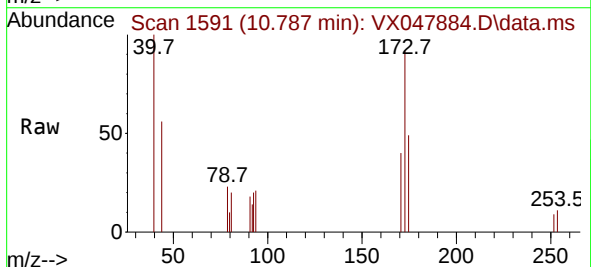
Tgt Ion:173 Resp: 934

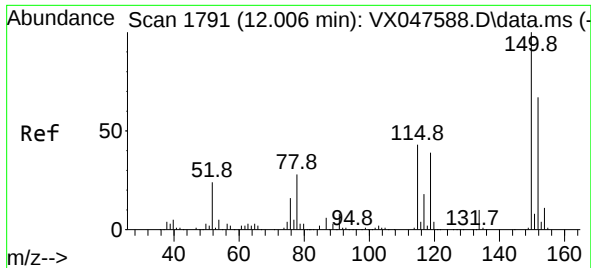
Ion Ratio Lower Upper

173 100

175 45.0 24.9 74.6

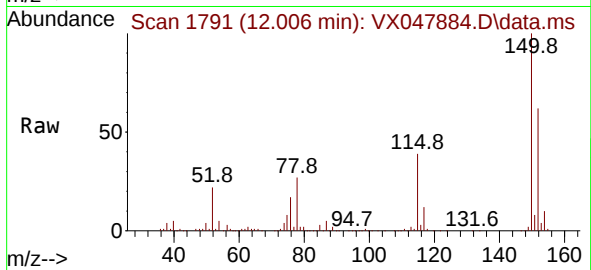
254 0.0 0.1 0.1#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047884.D
 Acq: 29 Sep 2025 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20250924



Tgt Ion:152 Resp: 155121
 Ion Ratio Lower Upper
 152 100
 115 62.5 44.9 134.5
 150 158.7 0.0 352.0

