

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047889.D
 Acq On : 29 Sep 2025 17:05
 Operator : JC/MD
 Sample : Q3213-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-400-402

Quant Time: Sep 30 01:24:11 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)

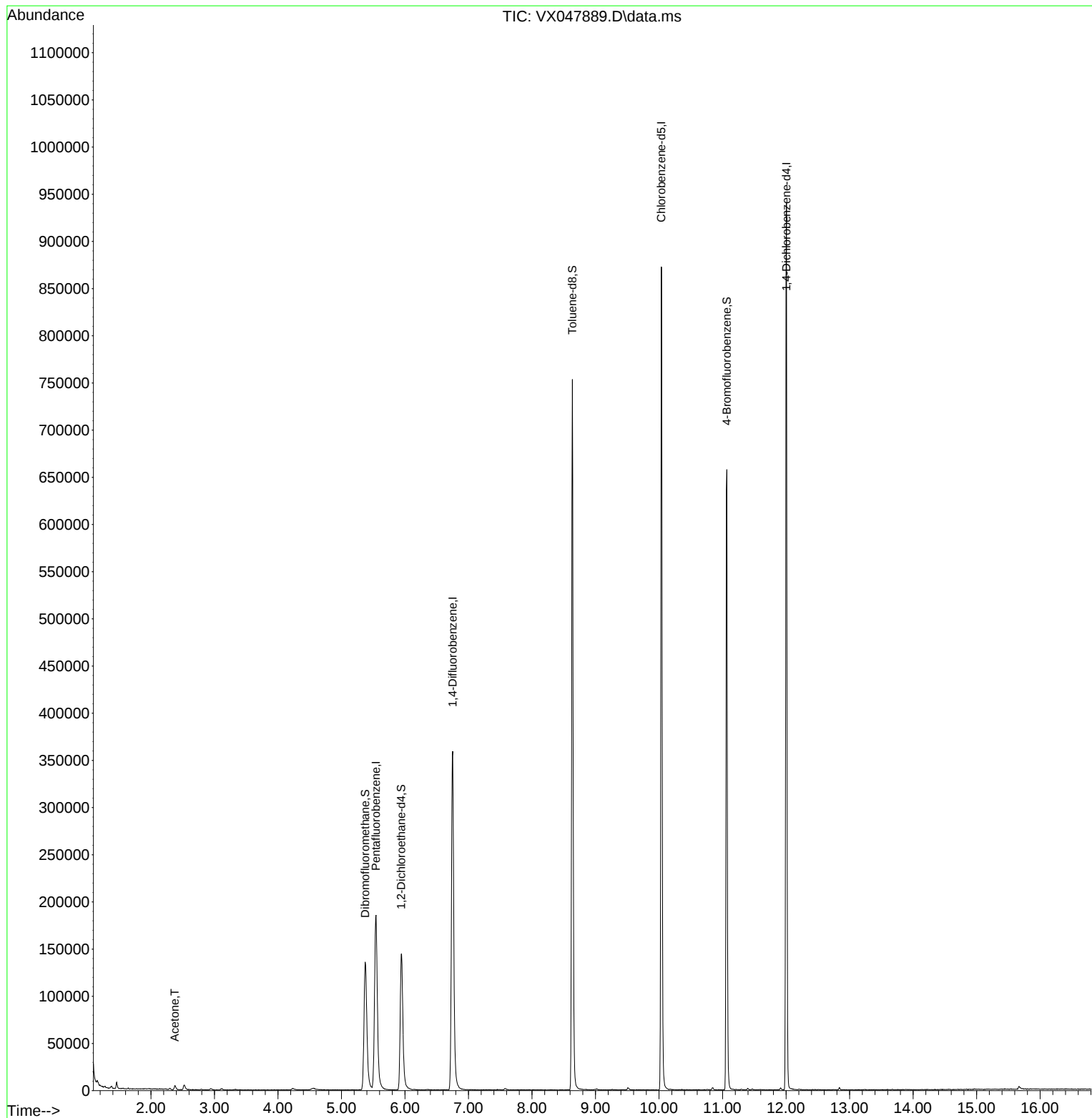
Internal Standards						
1) Pentafluorobenzene	5.544	168	187752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	393964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	400100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	194810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	158327	52.978	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.960%
35) Dibromofluoromethane	5.373	113	134608	50.947	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.900%
50) Toluene-d8	8.635	98	454743	49.740	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.480%
62) 4-Bromofluorobenzene	11.067	95	190319	54.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.700%
Target Compounds						
16) Acetone	2.374	43	5584	4.297	ug/l	Qvalue 100

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

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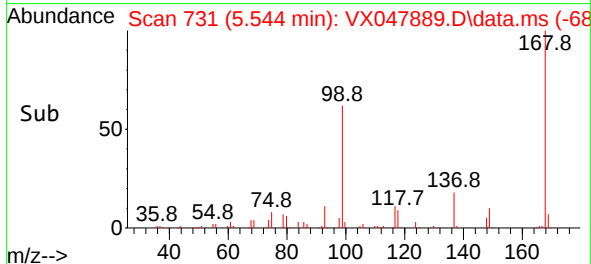
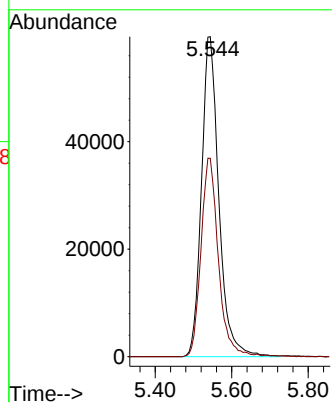
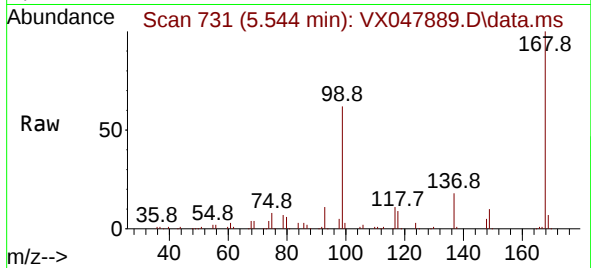




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047889.D
Acq: 29 Sep 2025 17:05

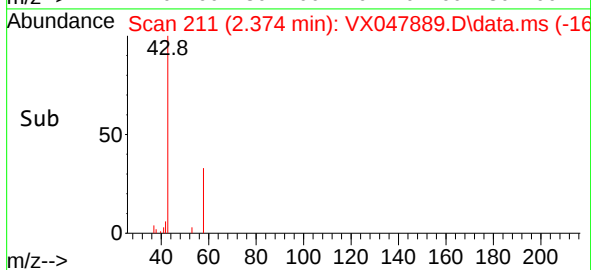
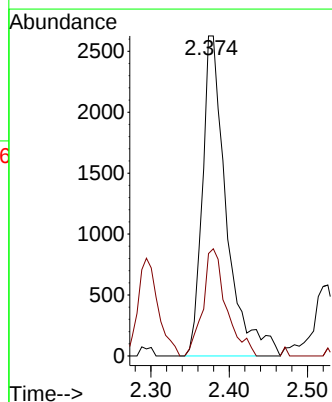
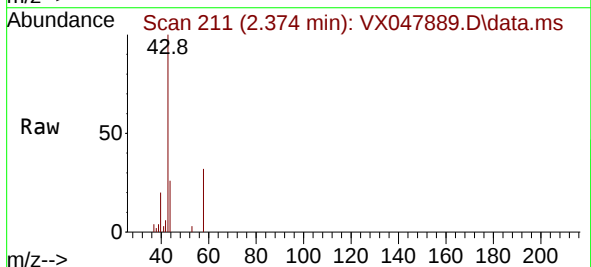
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-400-402

Tgt Ion:168 Resp: 187752
Ion Ratio Lower Upper
168 100
99 62.0 48.8 73.2



#16
Acetone
Concen: 4.297 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047889.D
Acq: 29 Sep 2025 17:05

Tgt Ion: 43 Resp: 5584
Ion Ratio Lower Upper
43 100
58 29.0 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 52.978 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047889.D

Acq: 29 Sep 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

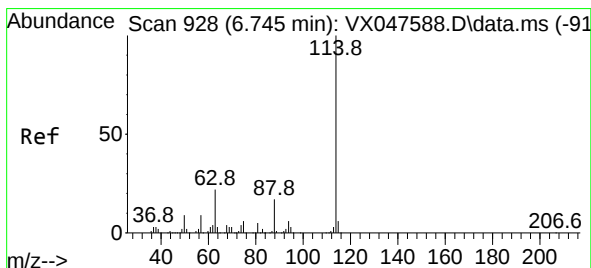
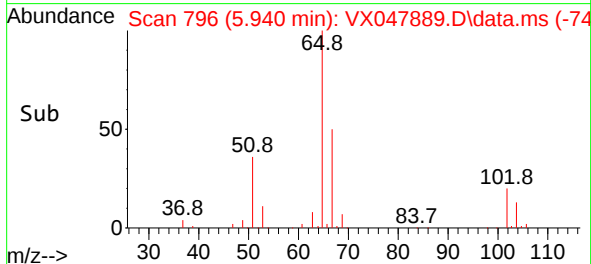
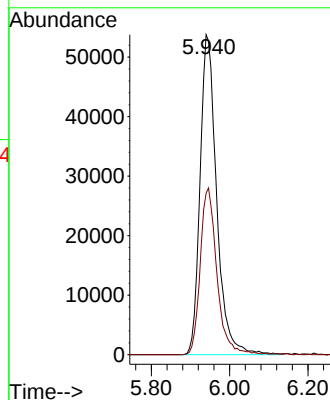
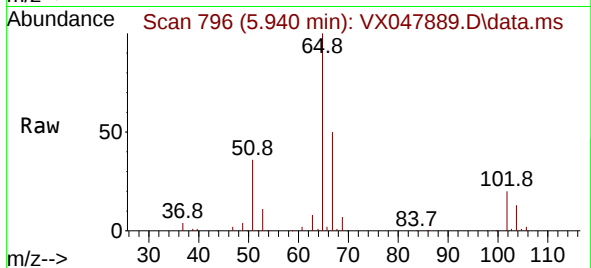
BP-VPB-184-GW-400-402

Tgt Ion: 65 Resp: 158327

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047889.D

Acq: 29 Sep 2025 17:05

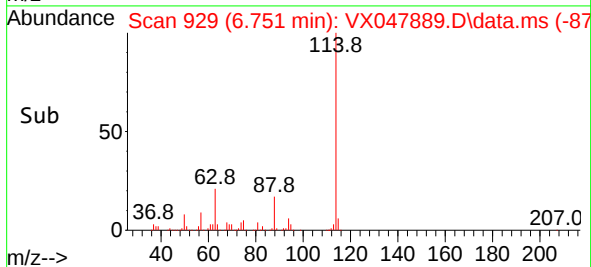
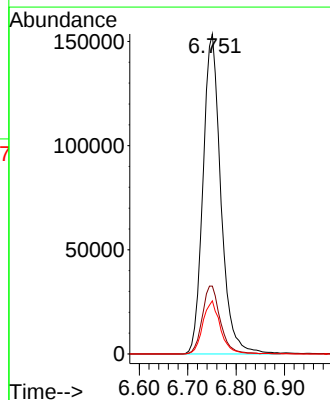
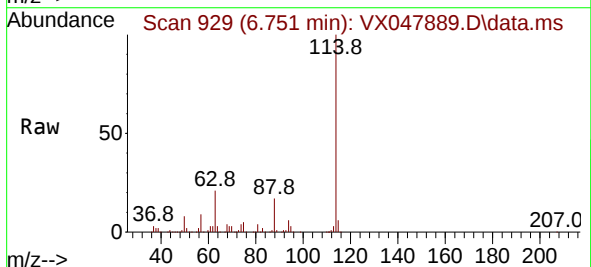
Tgt Ion: 114 Resp: 393964

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 16.6 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.947 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047889.D

Acq: 29 Sep 2025 17:05

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-400-402

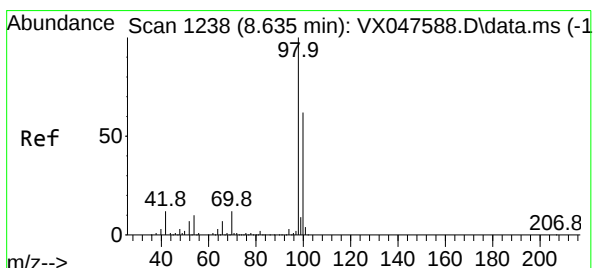
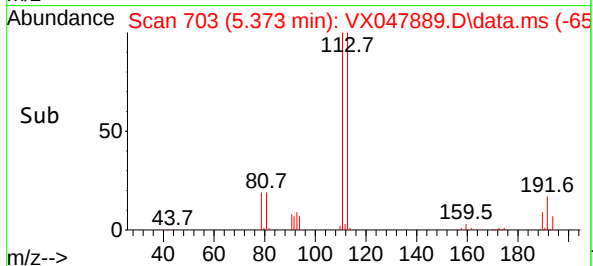
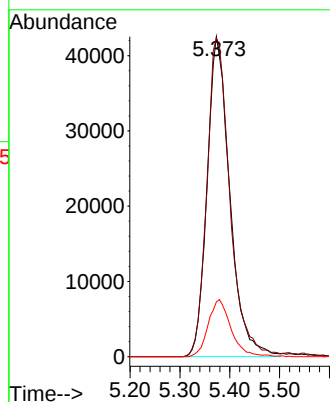
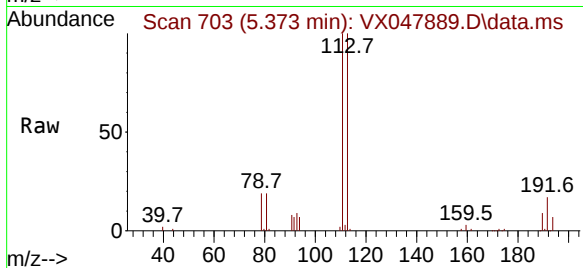
Tgt Ion:113 Resp: 134608

Ion Ratio Lower Upper

113 100

111 101.2 80.9 121.3

192 17.9 14.2 21.4



#50

Toluene-d8

Concen: 49.740 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047889.D

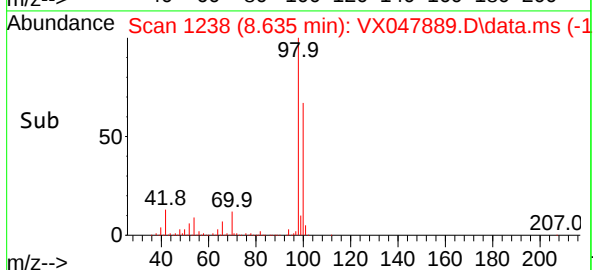
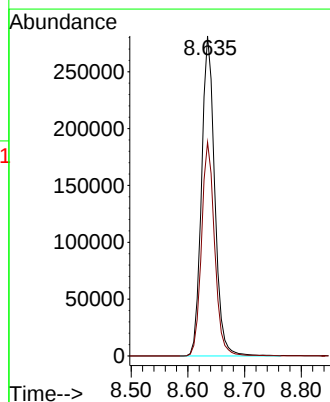
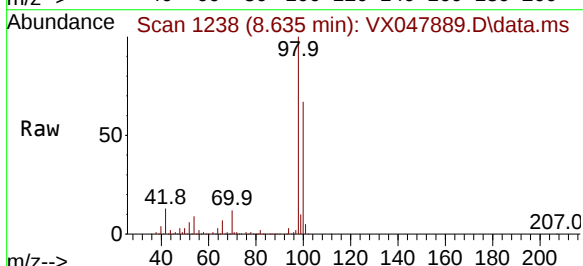
Acq: 29 Sep 2025 17:05

Tgt Ion: 98 Resp: 454743

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.4

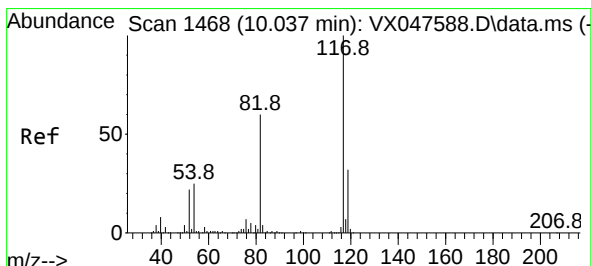
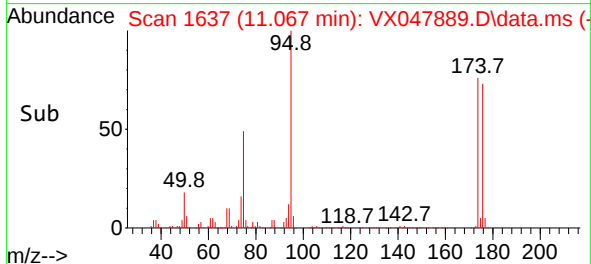
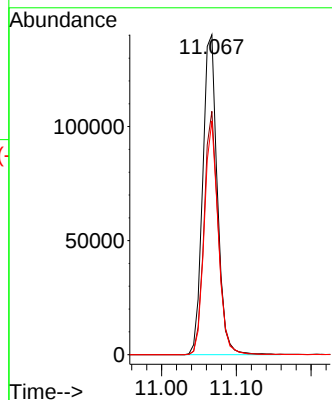
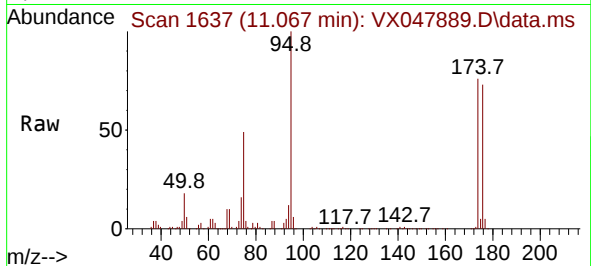




#62
4-Bromofluorobenzene
Concen: 54.852 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047889.D
Acq: 29 Sep 2025 17:05

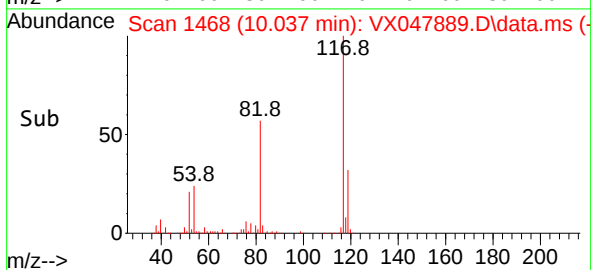
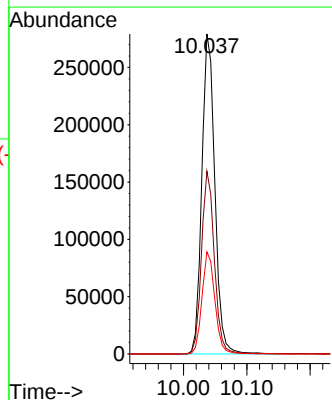
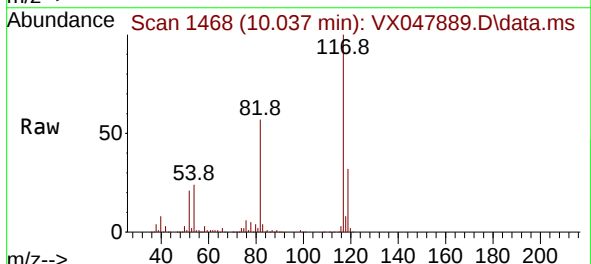
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-400-402

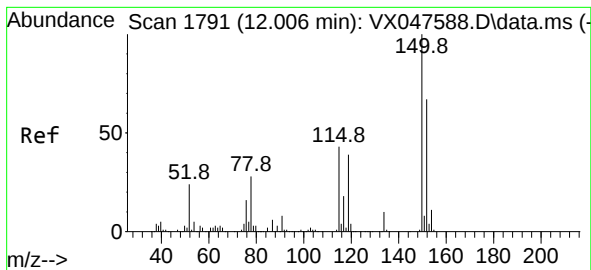
Tgt Ion: 95 Resp: 190319
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.6
176 70.0 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047889.D
Acq: 29 Sep 2025 17:05

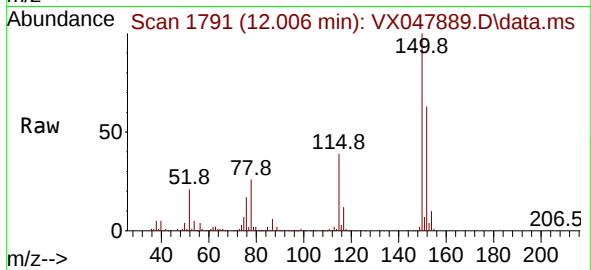
Tgt Ion: 117 Resp: 400100
Ion Ratio Lower Upper
117 100
82 57.1 47.8 71.6
119 31.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047889.D
 Acq: 29 Sep 2025 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-400-402



Tgt Ion:152 Resp: 194810
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.9 134.5
 150 158.3 0.0 352.0

