

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047929.D
 Acq On : 01 Oct 2025 11:20
 Operator : JC/MD
 Sample : Q3193-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20250922DL

Quant Time: Oct 03 01:17:11 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)

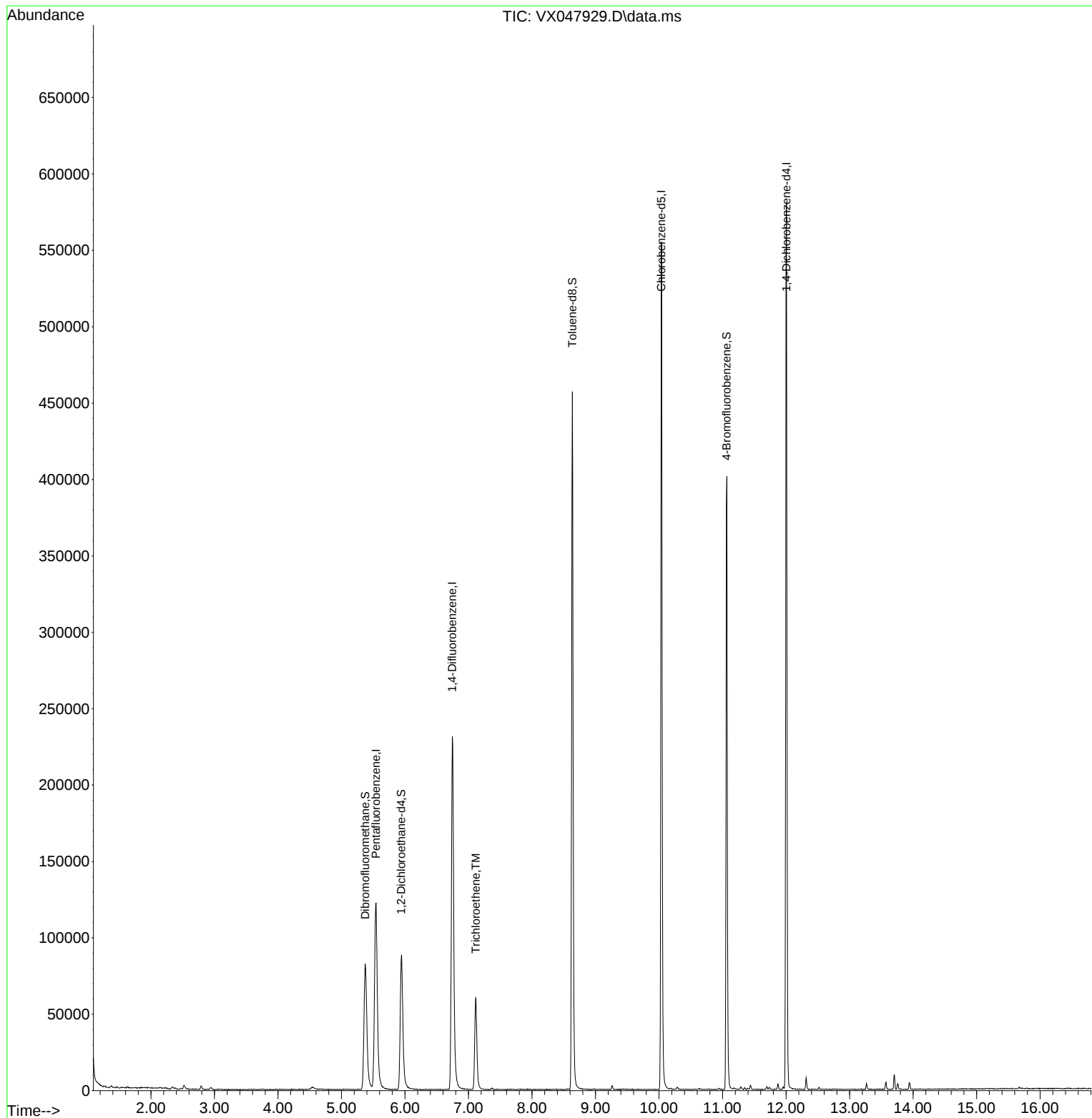
Internal Standards						
1) Pentafluorobenzene	5.544	168	124052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	250181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	254599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	96884	49.065	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.140%
35) Dibromofluoromethane	5.373	113	81226	48.411	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	8.635	98	281463	48.480	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.061	95	116365	52.812	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.620%
Target Compounds						
					Qvalue	
44) Trichloroethene	7.117	130	25236	14.018	ug/l	99

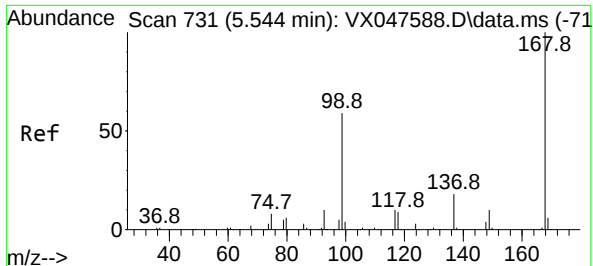
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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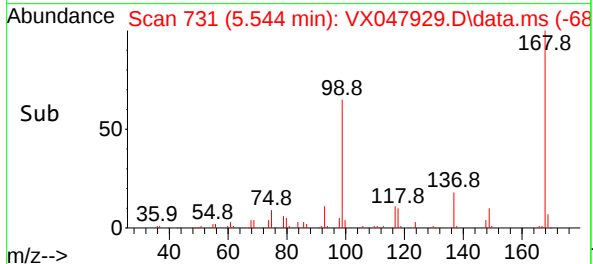
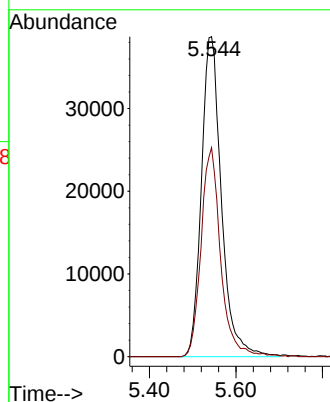
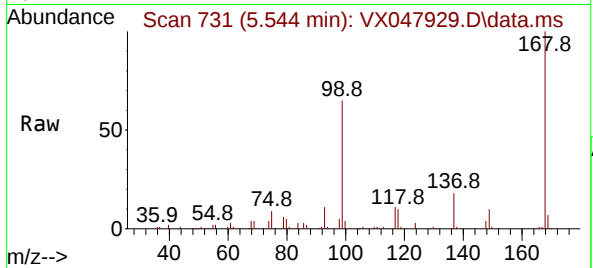




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047929.D
Acq: 01 Oct 2025 11:20

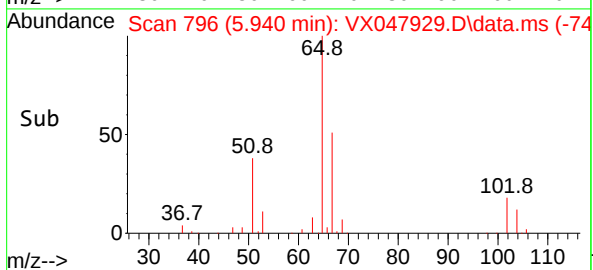
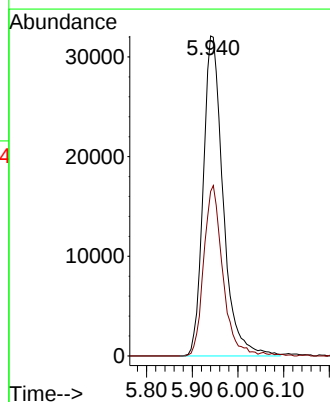
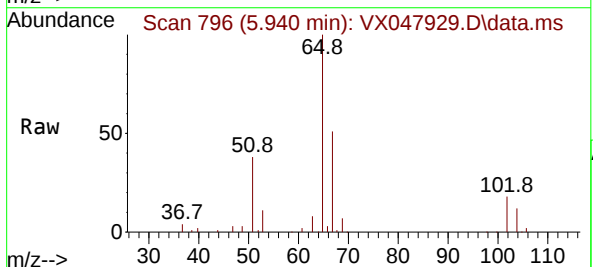
Instrument :
MSVOA_X
ClientSampleId :
RW4-20250922DL

Tgt Ion:168 Resp: 124052
Ion Ratio Lower Upper
168 100
99 65.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 49.065 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047929.D
Acq: 01 Oct 2025 11:20

Tgt Ion: 65 Resp: 96884
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

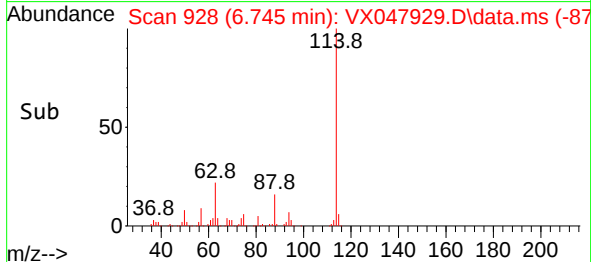
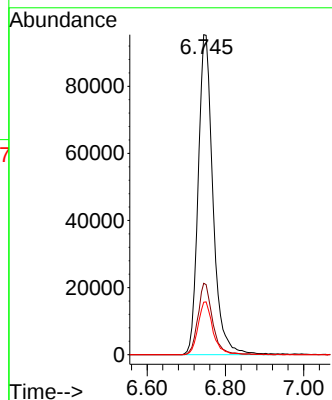
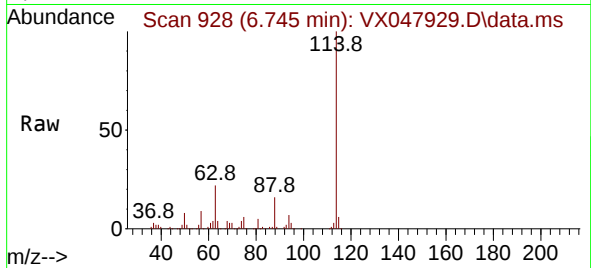




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047929.D
Acq: 01 Oct 2025 11:20

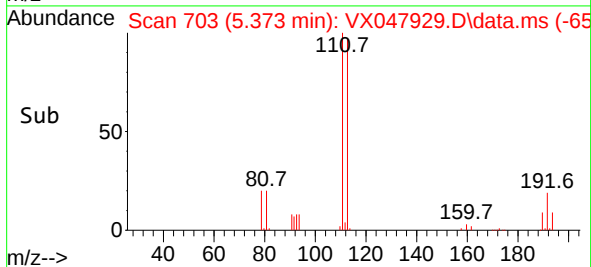
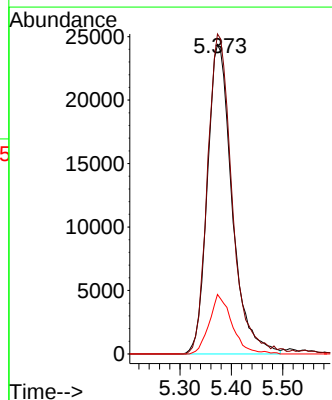
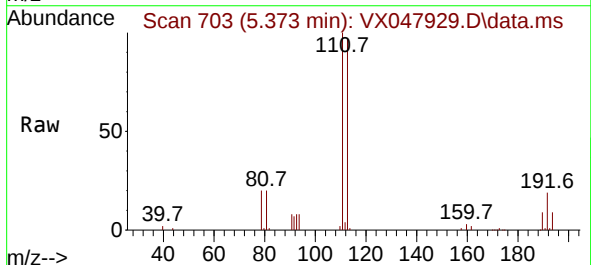
Instrument :
MSVOA_X
ClientSampleId :
RW4-20250922DL

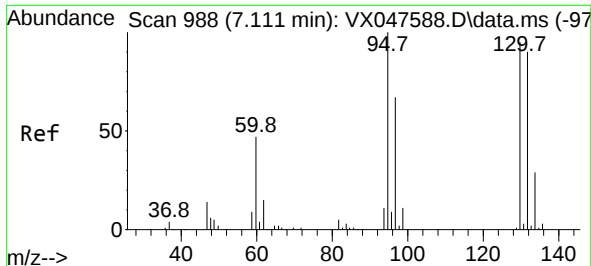
Tgt Ion:114 Resp: 250181
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.411 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047929.D
Acq: 01 Oct 2025 11:20

Tgt Ion:113 Resp: 81226
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 17.9 14.2 21.4

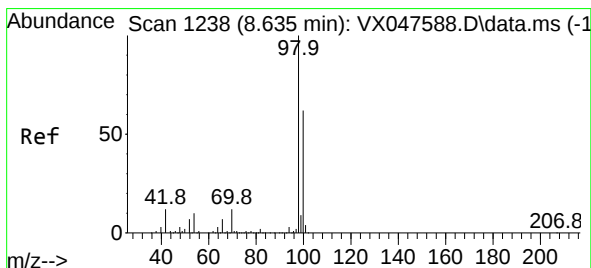
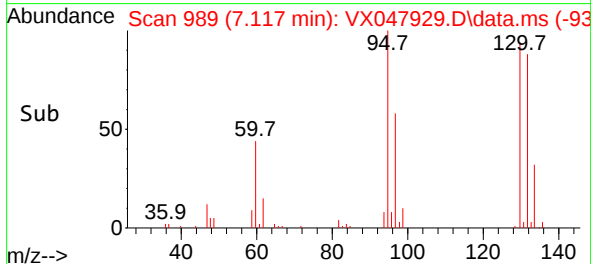
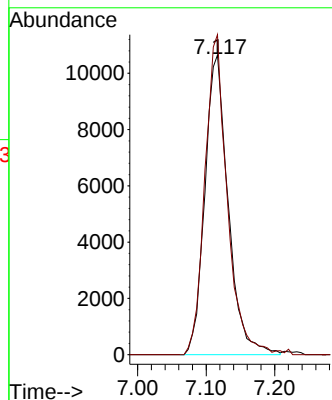
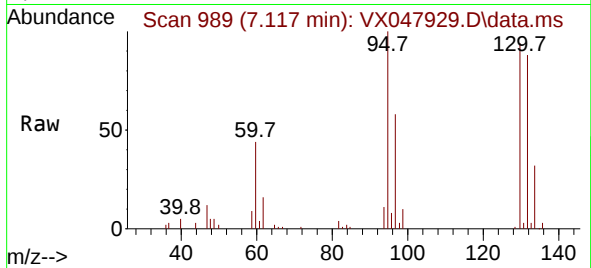




#44
Trichloroethene
Concen: 14.018 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047929.D
Acq: 01 Oct 2025 11:20

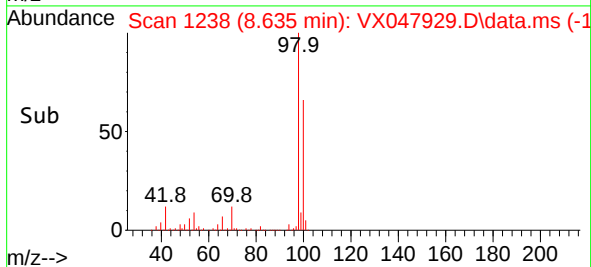
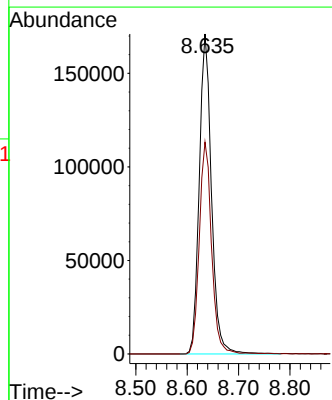
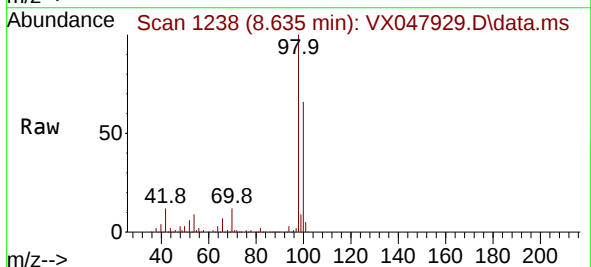
Instrument :
MSVOA_X
ClientSampleId :
RW4-20250922DL

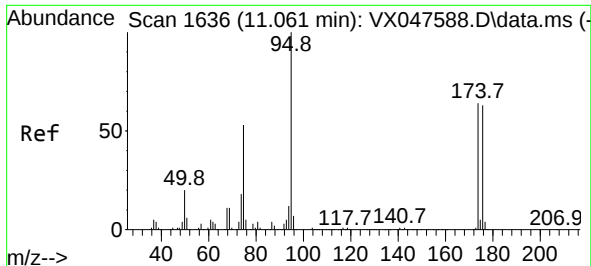
Tgt Ion:130 Resp: 25236
Ion Ratio Lower Upper
130 100
95 106.8 0.0 210.8



#50
Toluene-d8
Concen: 48.480 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047929.D
Acq: 01 Oct 2025 11:20

Tgt Ion: 98 Resp: 281463
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4

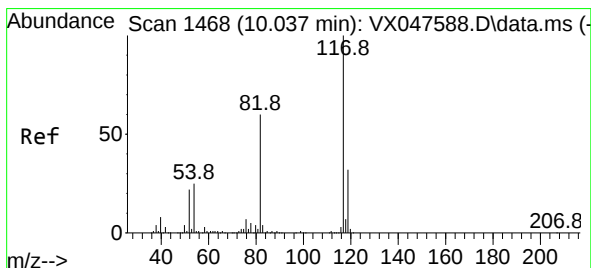
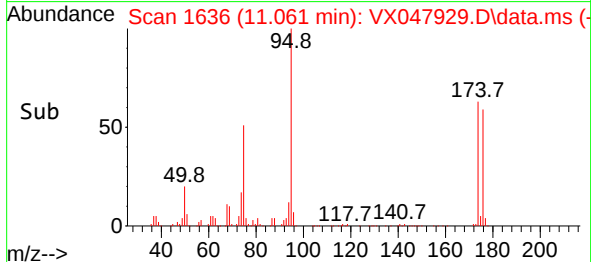
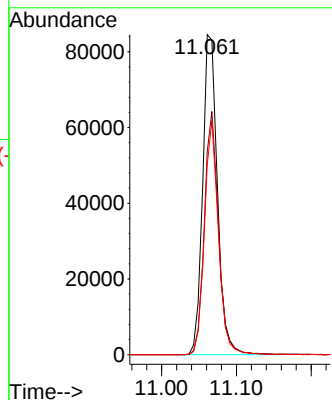
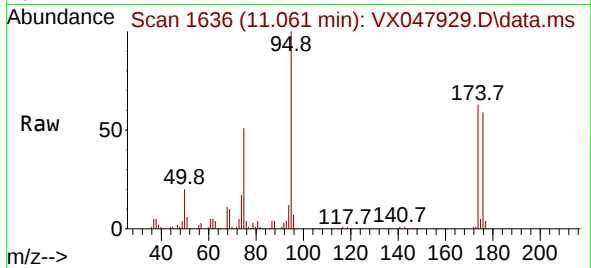




#62
4-Bromofluorobenzene
Concen: 52.812 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047929.D
Acq: 01 Oct 2025 11:20

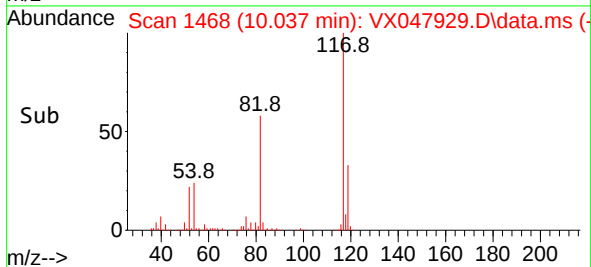
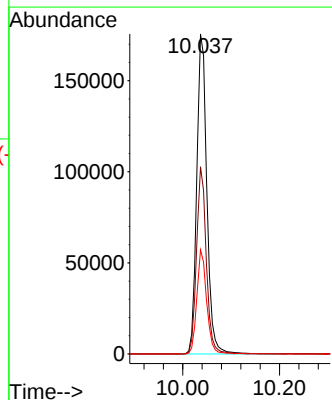
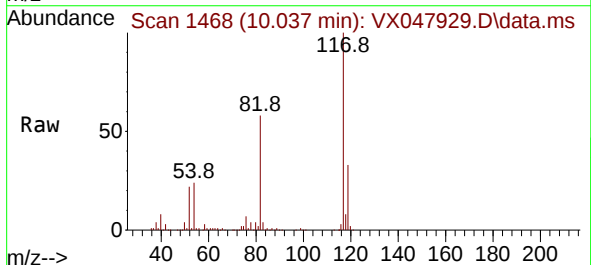
Instrument :
MSVOA_X
ClientSampleId :
RW4-20250922DL

Tgt Ion: 95 Resp: 116365
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 69.2 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: VX047929.D
Acq: 01 Oct 2025 11:20

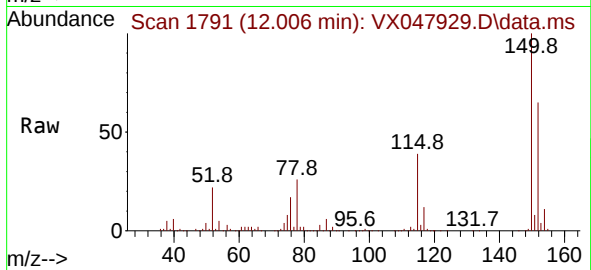
Tgt Ion: 117 Resp: 254599
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 32.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047929.D
 Acq: 01 Oct 2025 11:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RW4-20250922DL



Tgt Ion:152 Resp: 121354
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.9 134.5
 150 156.9 0.0 352.0

