

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048116.D
 Acq On : 10 Oct 2025 16:35
 Operator : JC/MD
 Sample : Q3311-08DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101SDL

Quant Time: Oct 11 00:35:17 2025
 Quant Title :
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

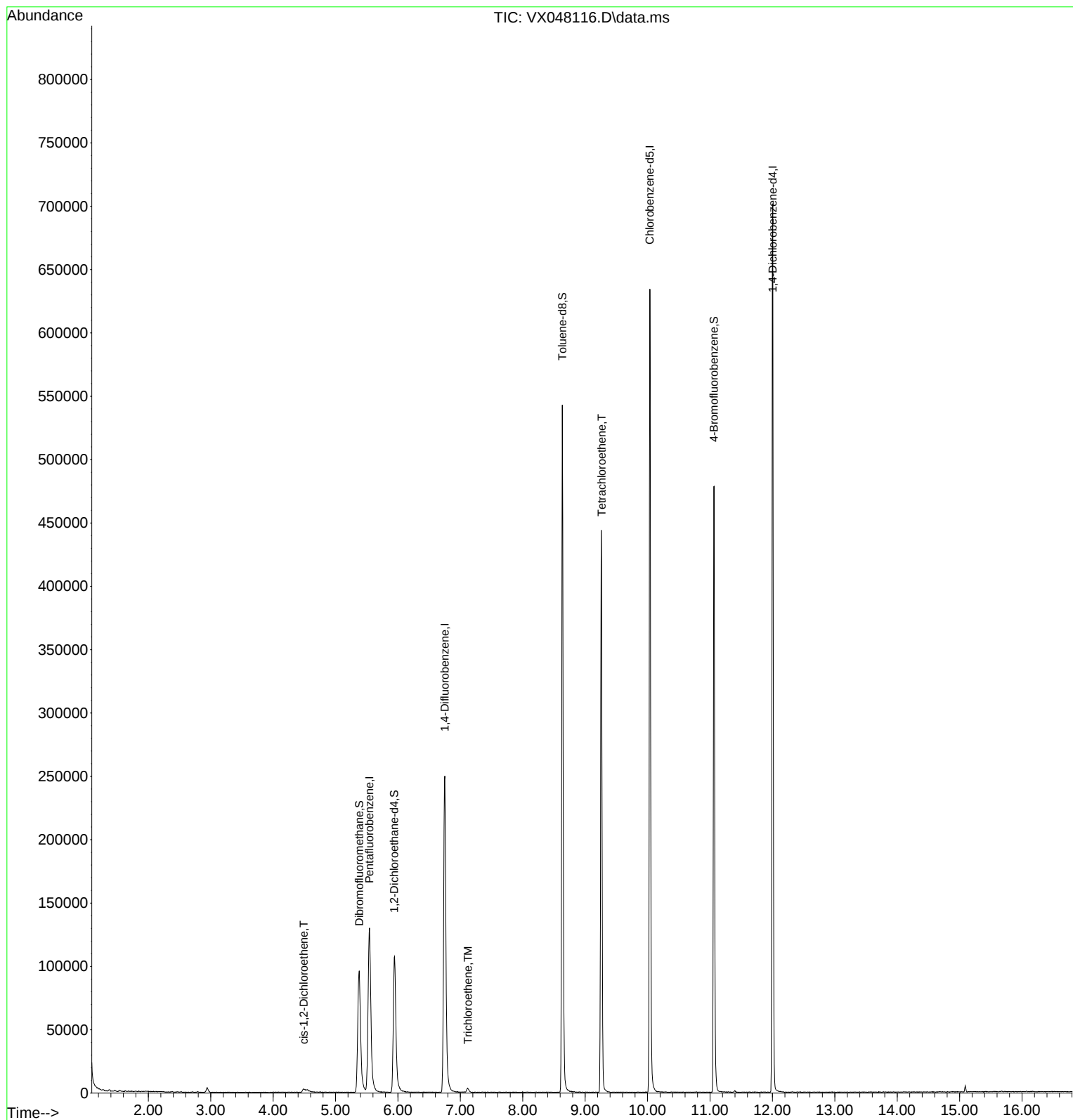
Internal Standards						
1) Pentafluorobenzene	5.544	168	127815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	272296	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	294793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	148707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119213	58.596	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.200%#
35) Dibromofluoromethane	5.379	113	95415	52.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.500%
50) Toluene-d8	8.634	98	316300	50.056	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.120%
62) 4-Bromofluorobenzene	11.061	95	140471	58.575	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.160%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.489	96	1752	0.875	ug/l	97
44) Trichloroethene	7.123	130	1538	0.785	ug/l	99
64) Tetrachloroethene	9.262	164	83873	43.644	ug/l	98

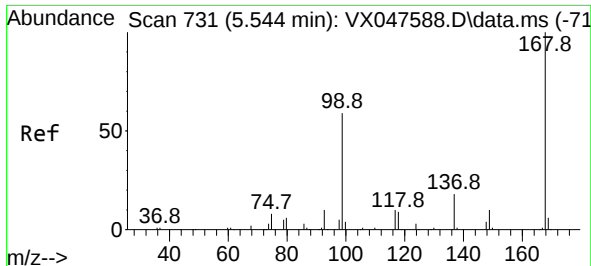
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048116.D
Acq On : 10 Oct 2025 16:35
Operator : JC/MD
Sample : Q3311-08DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101SDL

Quant Time: Oct 11 00:35:17 2025
Quant Title :
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX048116.D

Acq: 10 Oct 2025 16:35

Instrument :

MSVOA_X

ClientSampleId :

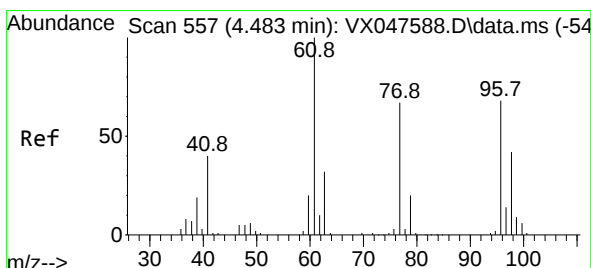
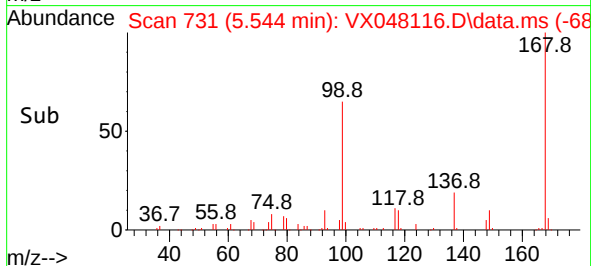
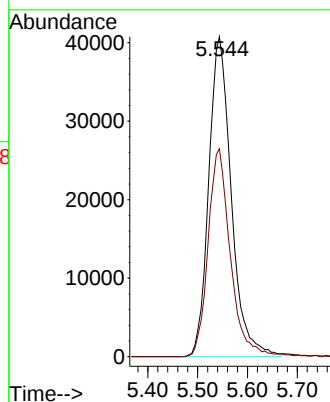
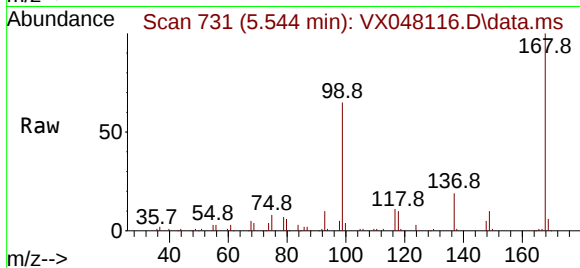
MW-101SDL

Tgt Ion:168 Resp: 127815

Ion Ratio Lower Upper

168 100

99 65.0 48.8 73.2



#27

cis-1,2-Dichloroethene

Concen: 0.875 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX048116.D

Acq: 10 Oct 2025 16:35

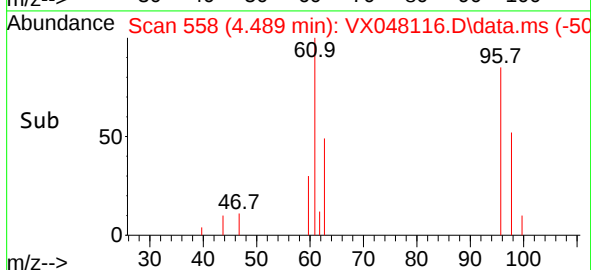
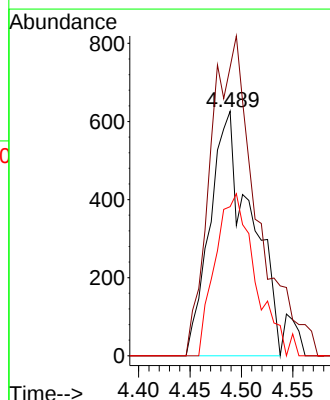
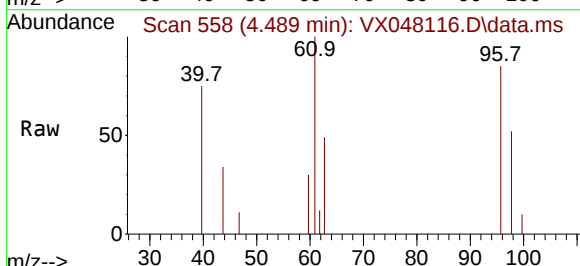
Tgt Ion: 96 Resp: 1752

Ion Ratio Lower Upper

96 100

61 146.6 0.0 303.2

98 64.3 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 58.596 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048116.D

Acq: 10 Oct 2025 16:35

Instrument :

MSVOA_X

ClientSampleId :

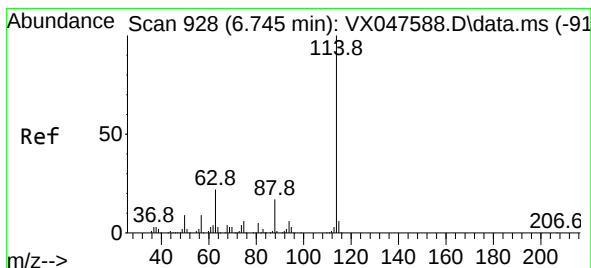
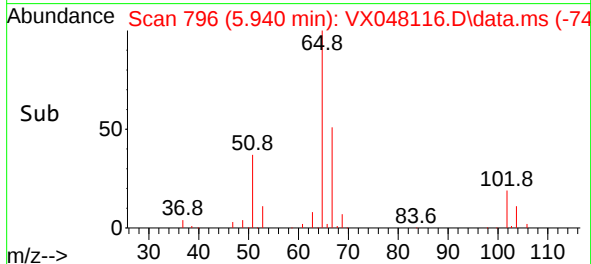
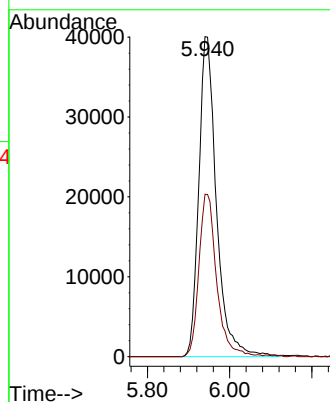
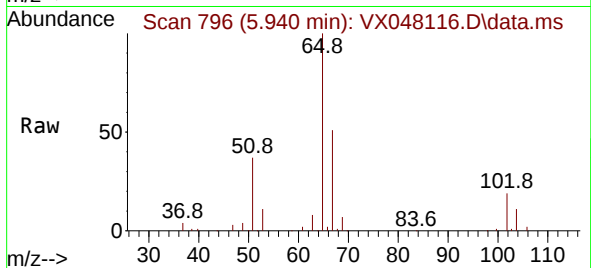
MW-101SDL

Tgt Ion: 65 Resp: 119213

Ion Ratio Lower Upper

65 100

67 51.1 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: VX048116.D

Acq: 10 Oct 2025 16:35

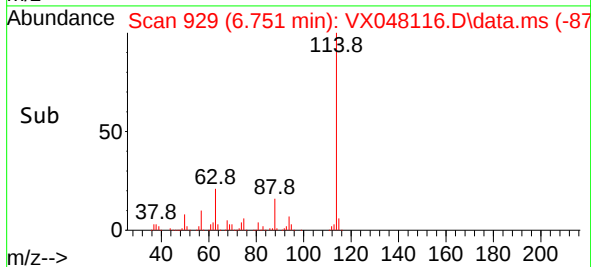
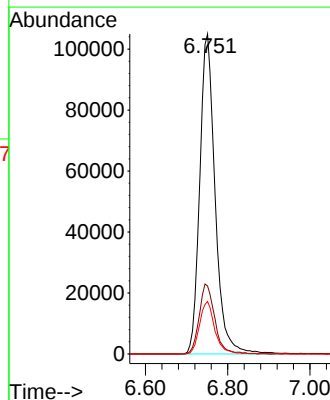
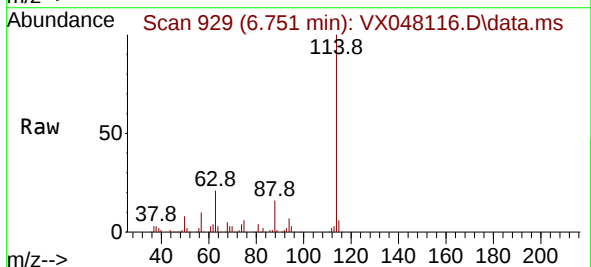
Tgt Ion: 114 Resp: 272296

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 16.4 0.0 34.2

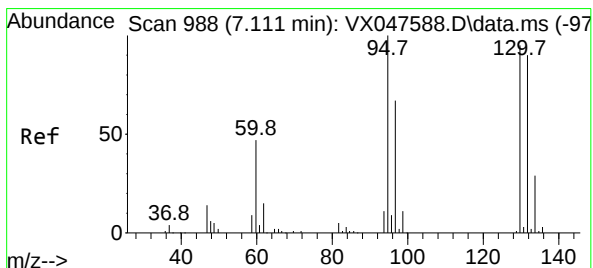
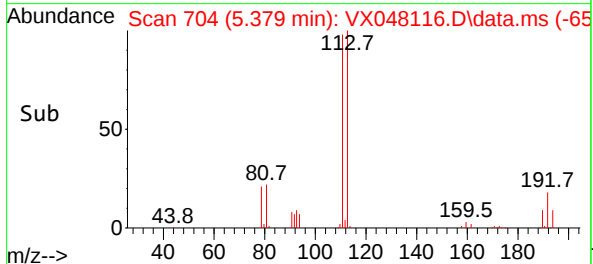
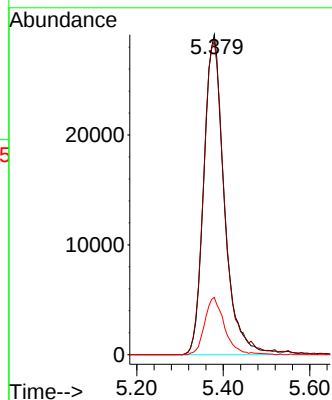
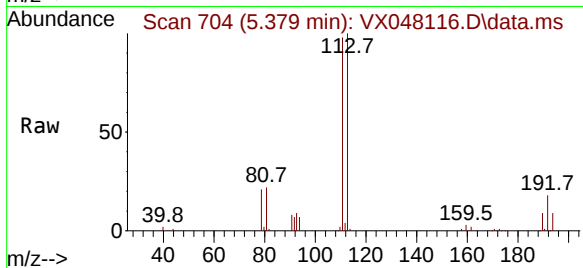




#35
Dibromofluoromethane
Concen: 52.249 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

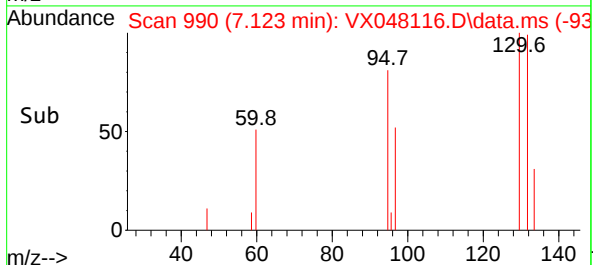
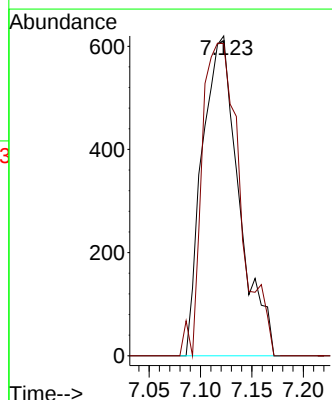
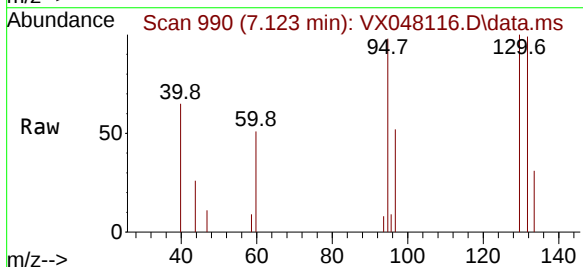
Instrument :
MSVOA_X
ClientSampleId :
MW-101SDL

Tgt Ion:113 Resp: 95415
Ion Ratio Lower Upper
113 100
111 100.0 80.9 121.3
192 17.5 14.2 21.4



#44
Trichloroethene
Concen: 0.785 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Tgt Ion:130 Resp: 1538
Ion Ratio Lower Upper
130 100
95 106.3 0.0 210.8

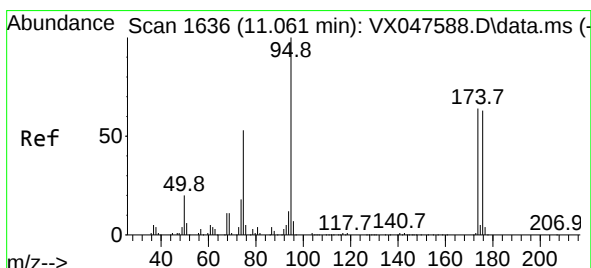
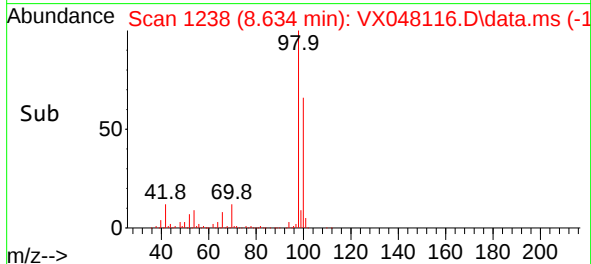
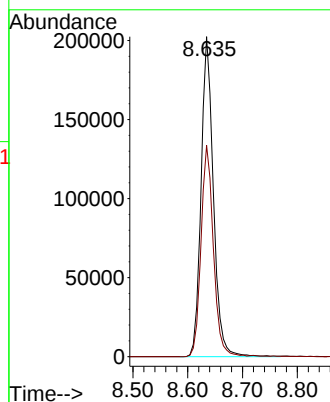
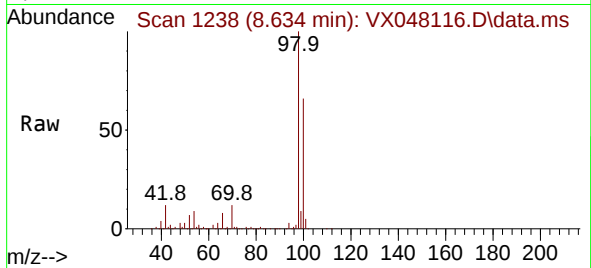




#50
Toluene-d8
Concen: 50.056 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

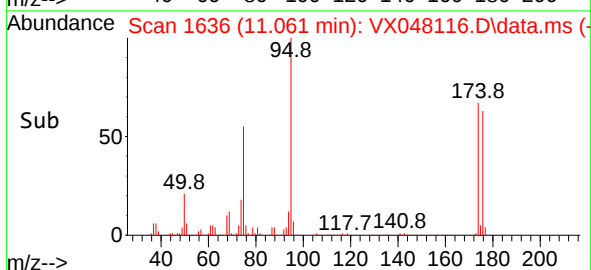
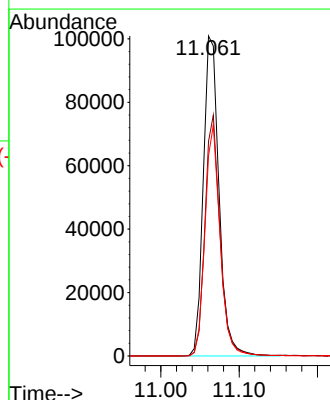
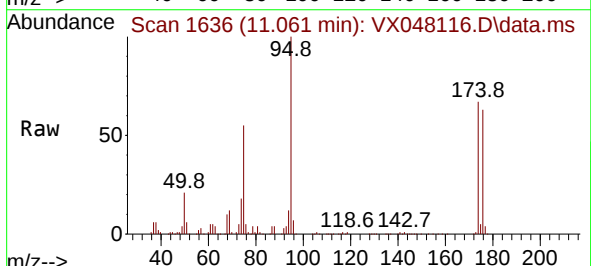
Instrument :
MSVOA_X
ClientSampleId :
MW-101SDL

Tgt Ion: 98 Resp: 316300
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.575 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Tgt Ion: 95 Resp: 140471
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.6
176 69.6 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: VX048116.D

Acq: 10 Oct 2025 16:35

Instrument :

MSVOA_X

ClientSampleId :

MW-101SDL

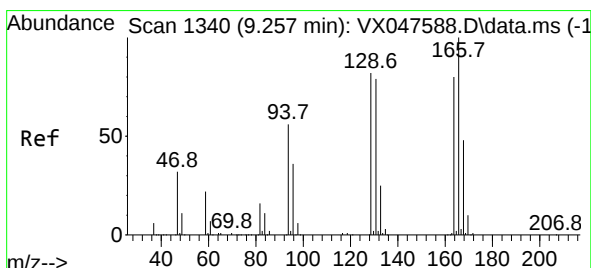
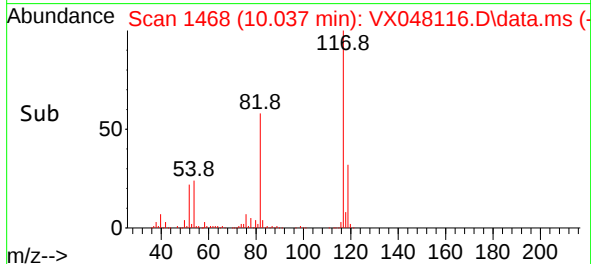
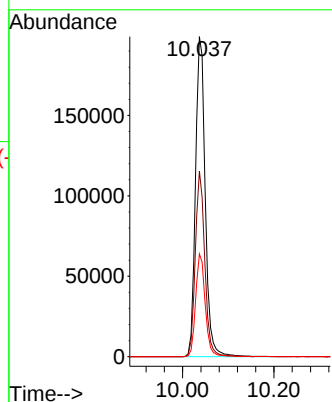
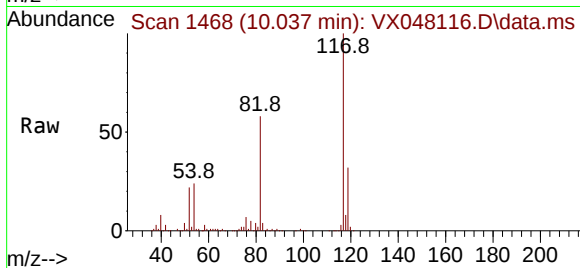
Tgt Ion:117 Resp: 294793

Ion Ratio Lower Upper

117 100

82 58.0 47.8 71.6

119 32.1 25.2 37.8



#64

Tetrachloroethene

Concen: 43.644 ug/l

RT: 9.262 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX048116.D

Acq: 10 Oct 2025 16:35

Tgt Ion:164 Resp: 83873

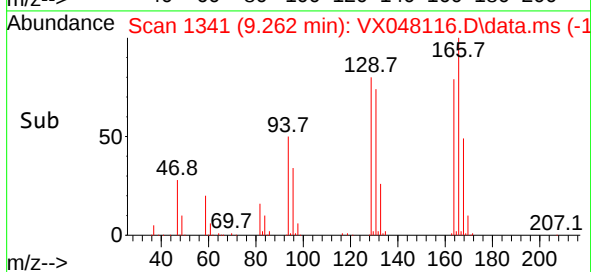
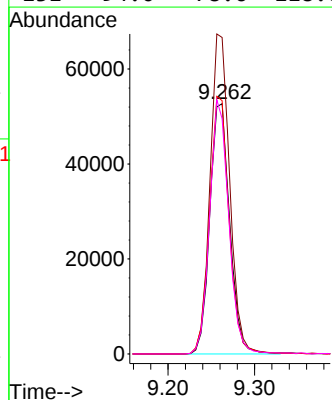
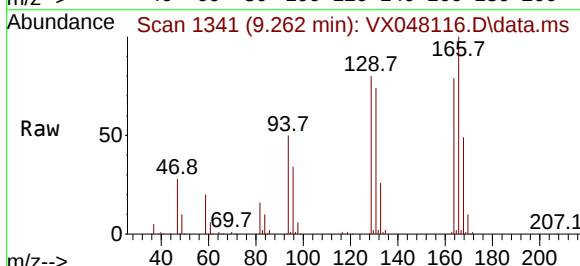
Ion Ratio Lower Upper

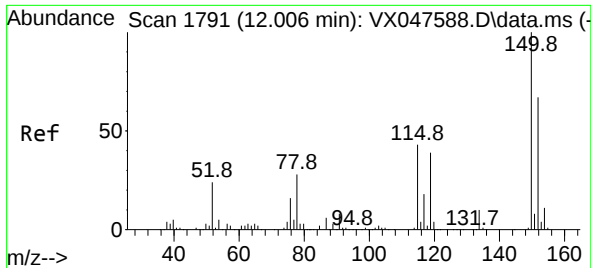
164 100

166 126.5 100.2 150.2

129 101.2 81.8 122.6

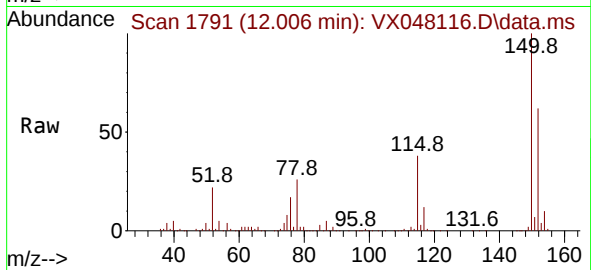
131 94.0 78.6 118.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :
MW-101SDL



Tgt Ion:152 Resp: 148707
Ion Ratio Lower Upper
152 100
115 62.2 44.9 134.5
150 156.8 0.0 352.0

