

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048878.D
 Acq On : 15 Dec 2025 15:08
 Operator : JC/MD
 Sample : Q3863-01DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-121225DL

Quant Time: Dec 16 00:17:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

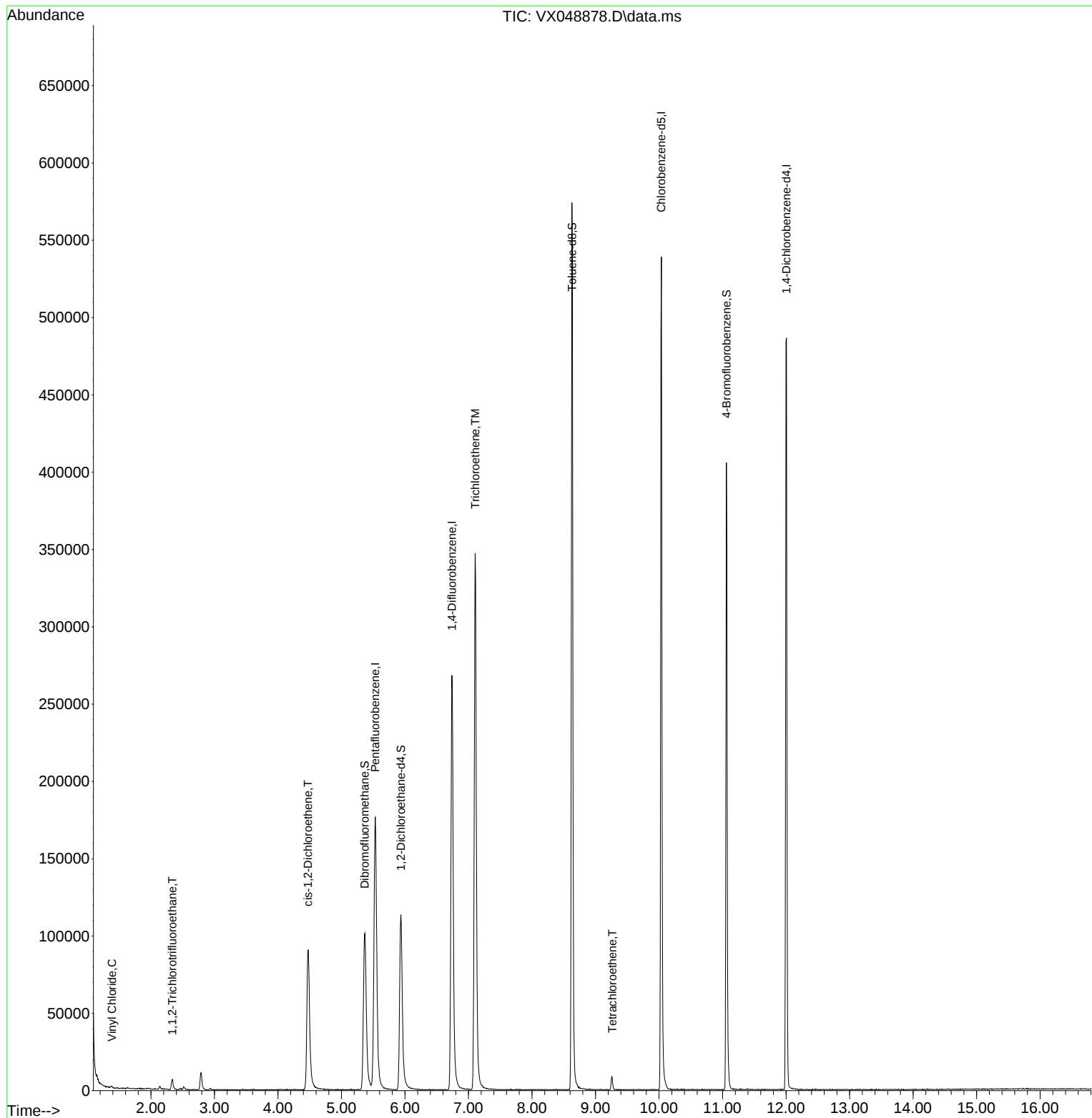
Internal Standards						
1) Pentafluorobenzene	5.531	168	182137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	301665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	265370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	126601	51.788	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.580%			
35) Dibromofluoromethane	5.367	113	103147	49.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.320%			
50) Toluene-d8	8.628	98	363041	49.863	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.720%			
62) 4-Bromofluorobenzene	11.061	95	112630	44.861	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.720%			
Target Compounds						
4) Vinyl Chloride	1.386	62	713	0.286	ug/l #	84
9) 1,1,2-Trichlorotrifluo...	2.337	101	2745	1.325	ug/l	97
27) cis-1,2-Dichloroethene	4.471	96	66900	27.465	ug/l	96
44) Trichloroethene	7.104	130	149597	67.983	ug/l	98
64) Tetrachloroethene	9.262	164	1992	1.030	ug/l #	79

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

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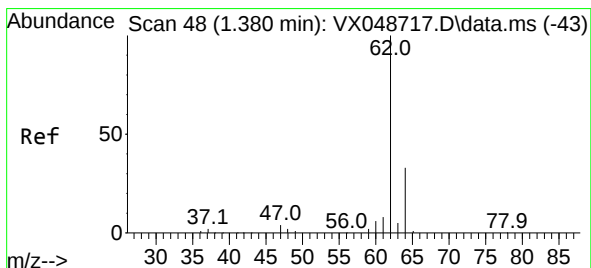
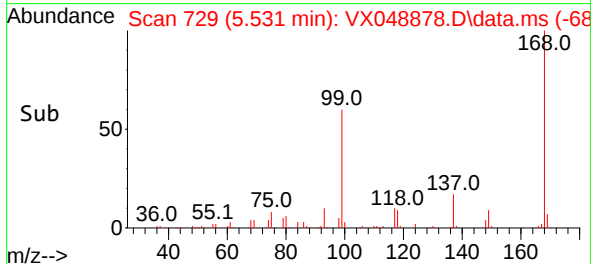
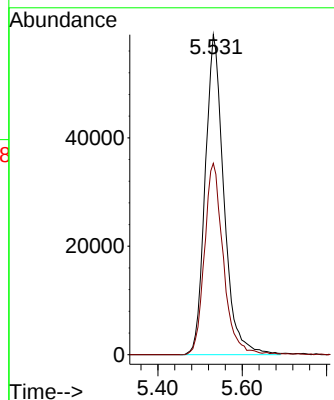
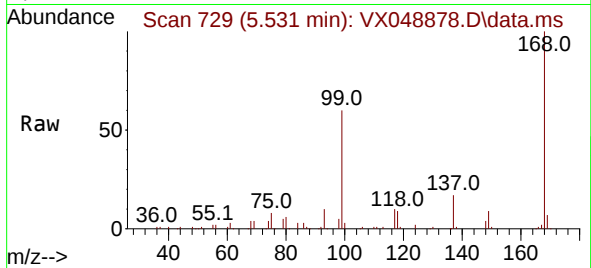




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX048878.D
Acq: 15 Dec 2025 15:08

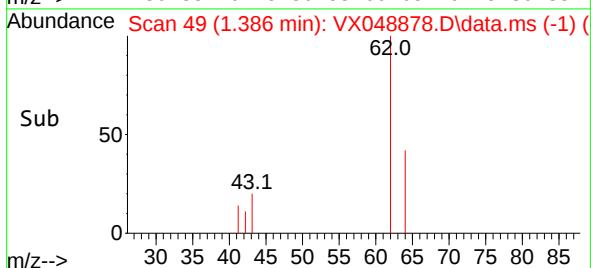
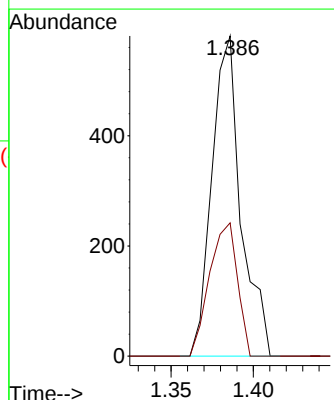
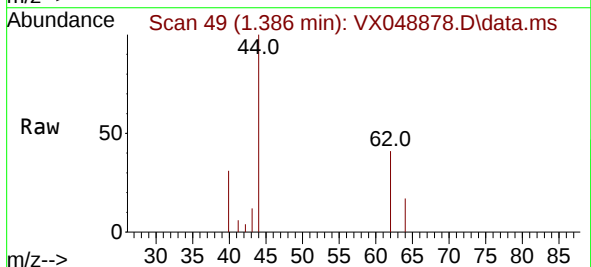
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-121225DL

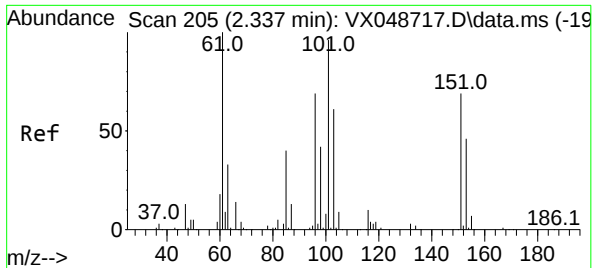
Tgt Ion:168 Resp: 182137
Ion Ratio Lower Upper
168 100
99 59.8 44.2 66.4



#4
Vinyl Chloride
Concen: 0.286 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX048878.D
Acq: 15 Dec 2025 15:08

Tgt Ion: 62 Resp: 713
Ion Ratio Lower Upper
62 100
64 41.7 26.0 39.0#

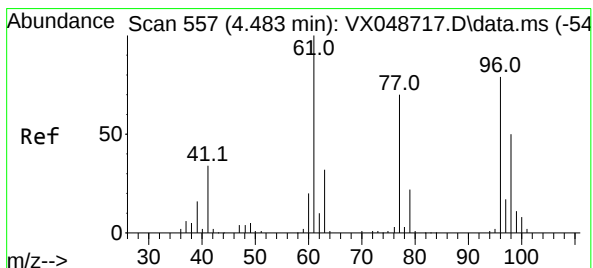
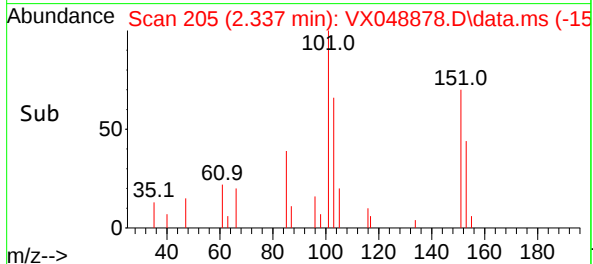
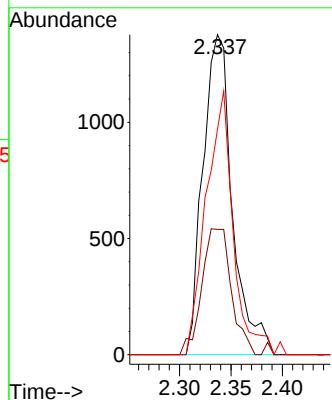
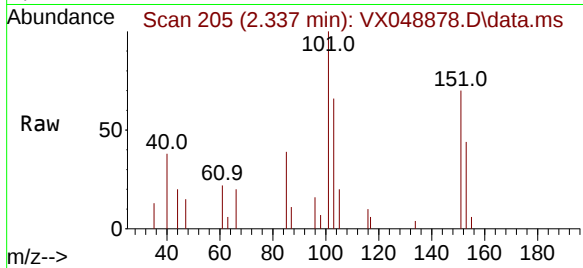




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.325 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX048878.D
 Acq: 15 Dec 2025 15:08

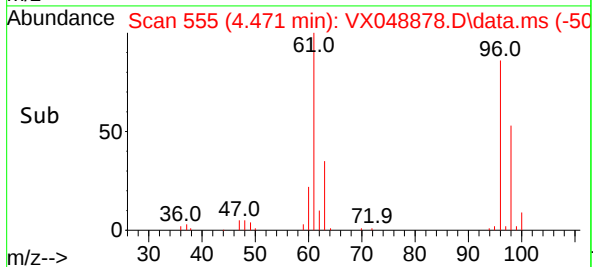
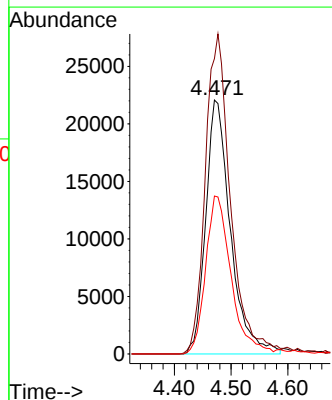
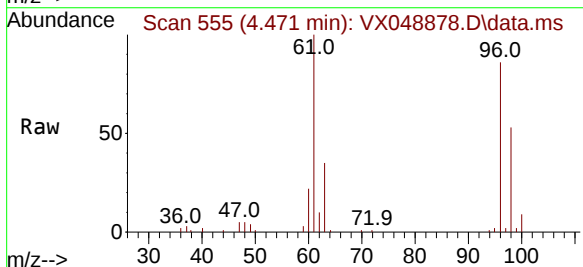
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-121225DL

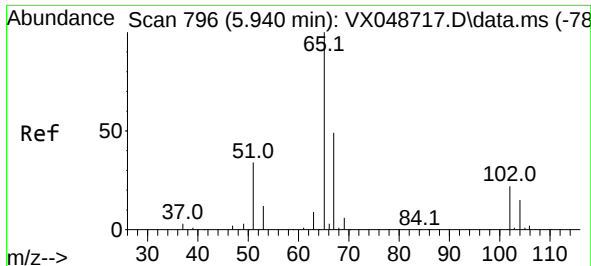
Tgt Ion:	101	Resp:	2745
Ion	Ratio	Lower	Upper
101	100		
85	39.5	34.2	51.2
151	76.3	60.2	90.4



#27
 cis-1,2-Dichloroethene
 Concen: 27.465 ug/l
 RT: 4.471 min Scan# 555
 Delta R.T. -0.012 min
 Lab File: VX048878.D
 Acq: 15 Dec 2025 15:08

Tgt Ion:	96	Resp:	66900
Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	271.0
98	63.8	0.0	130.2

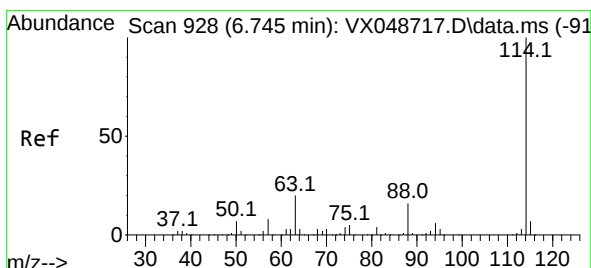
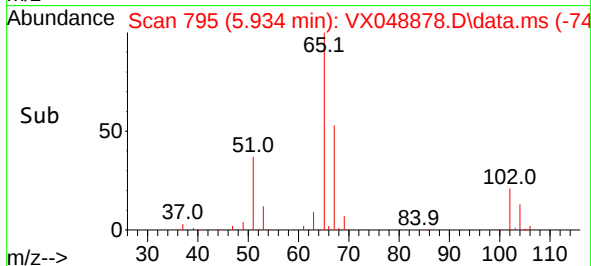
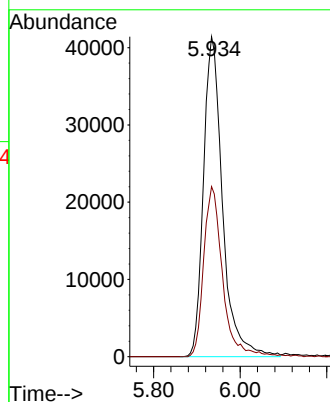
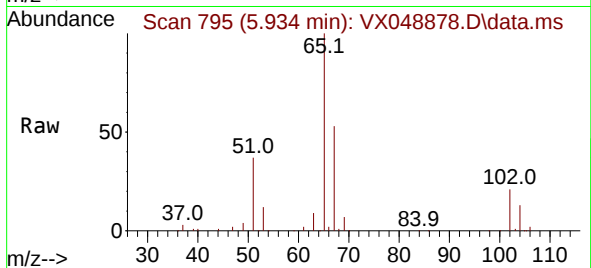




#33
 1,2-Dichloroethane-d4
 Concen: 51.788 ug/l
 RT: 5.934 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: VX048878.D
 Acq: 15 Dec 2025 15:08

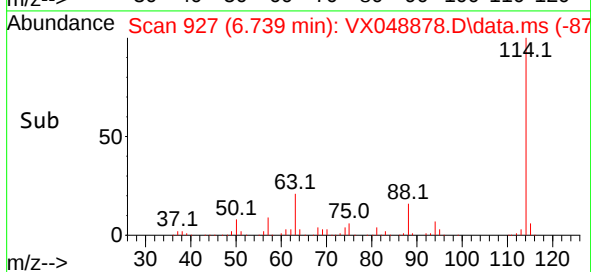
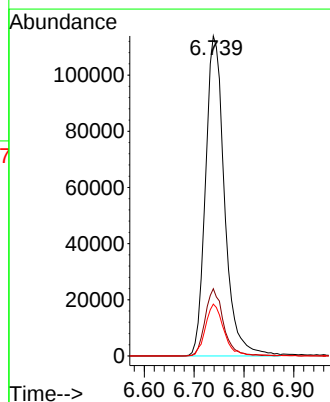
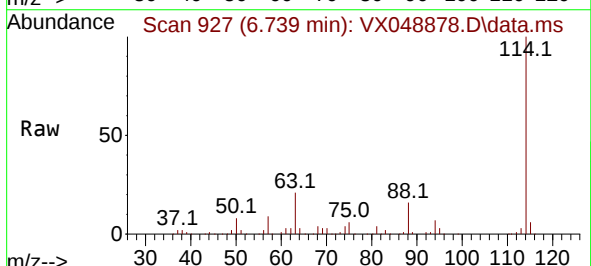
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-121225DL

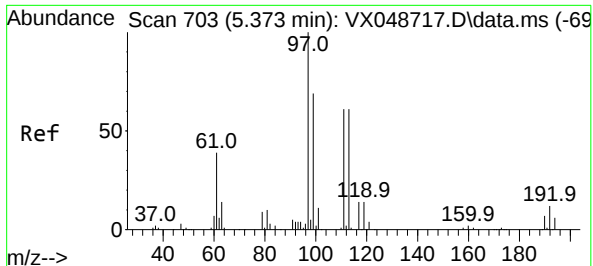
Tgt Ion: 65 Resp: 126601
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048878.D
 Acq: 15 Dec 2025 15:08

Tgt Ion: 114 Resp: 301665
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.0
 88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.660 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048878.D

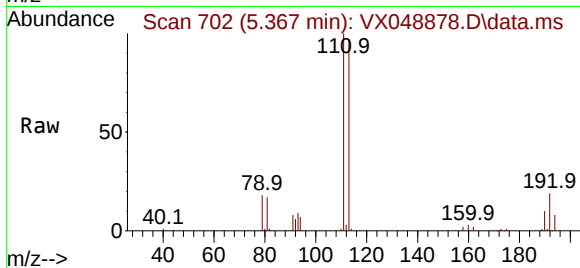
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Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-121225DL



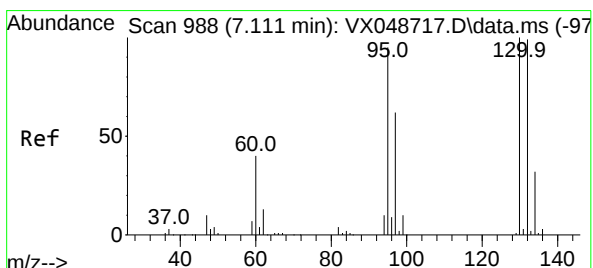
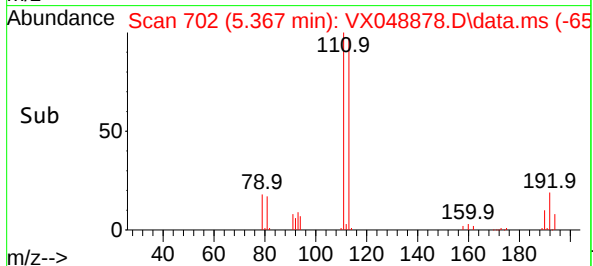
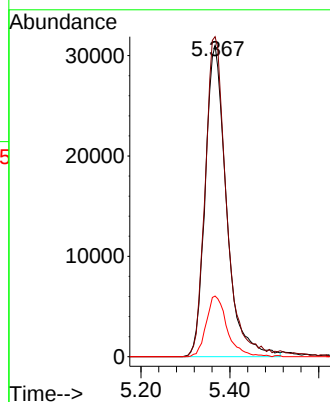
Tgt Ion:113 Resp: 103147

Ion Ratio Lower Upper

113 100

111 102.3 79.5 119.3

192 19.2 16.1 24.1



#44

Trichloroethene

Concen: 67.983 ug/l

RT: 7.104 min Scan# 987

Delta R.T. -0.006 min

Lab File: VX048878.D

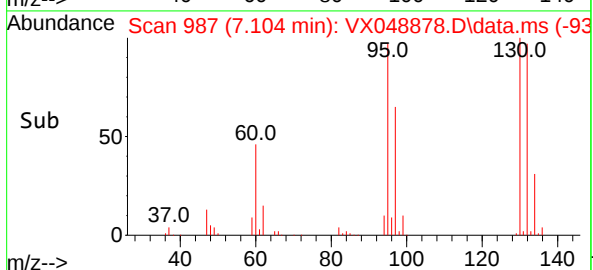
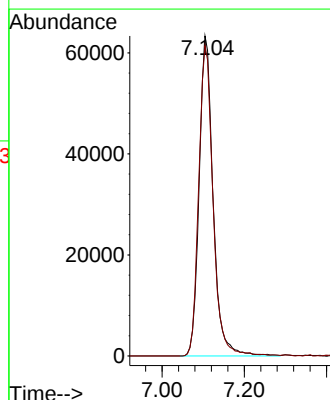
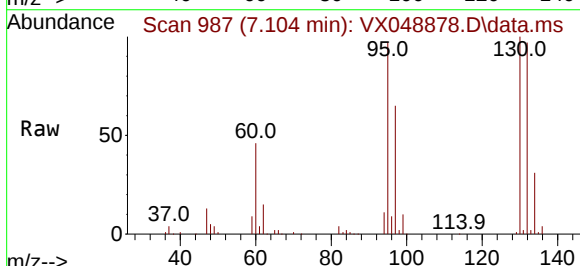
Acq: 15 Dec 2025 15:08

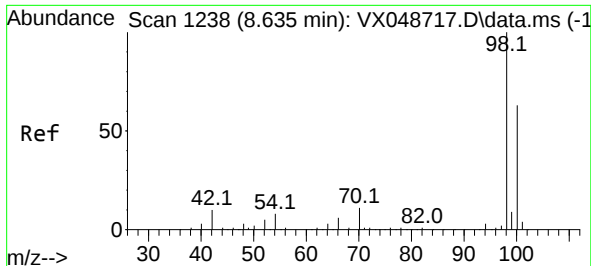
Tgt Ion:130 Resp: 149597

Ion Ratio Lower Upper

130 100

95 97.0 0.0 189.6

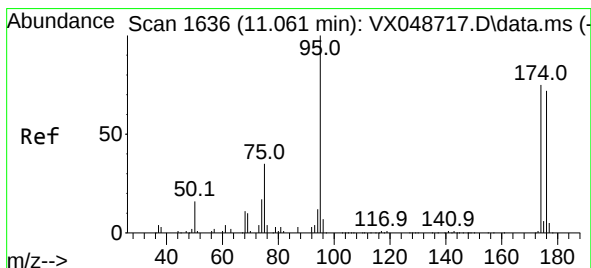
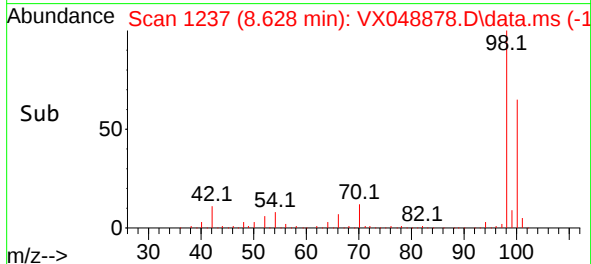
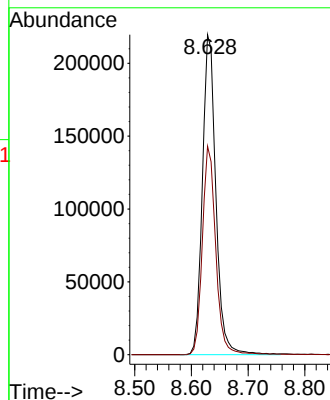
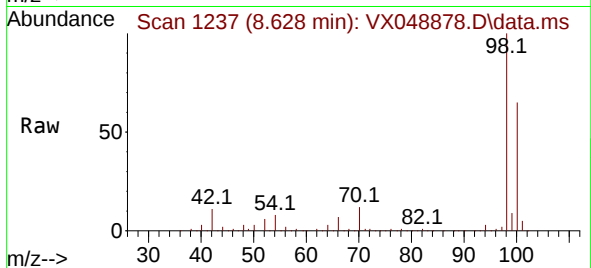




#50
Toluene-d8
Concen: 49.863 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048878.D
Acq: 15 Dec 2025 15:08

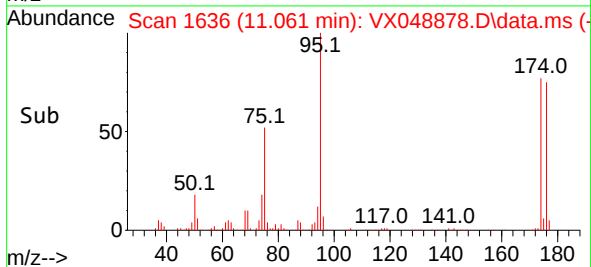
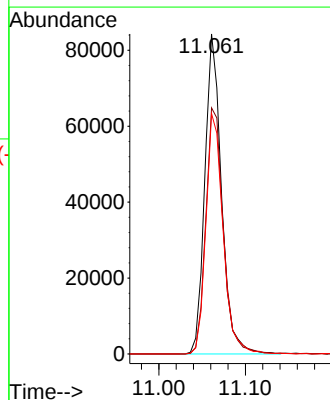
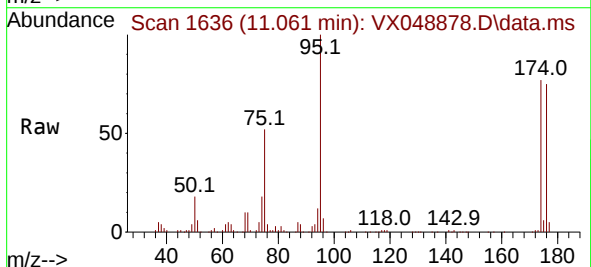
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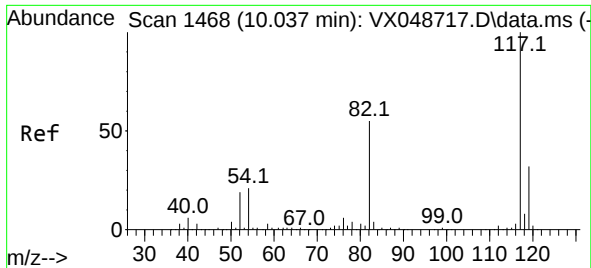
Tgt Ion: 98 Resp: 363041
Ion Ratio Lower Upper
98 100
100 65.0 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 44.861 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048878.D
Acq: 15 Dec 2025 15:08

Tgt Ion: 95 Resp: 112630
Ion Ratio Lower Upper
95 100
174 81.3 0.0 157.8
176 77.7 0.0 154.0

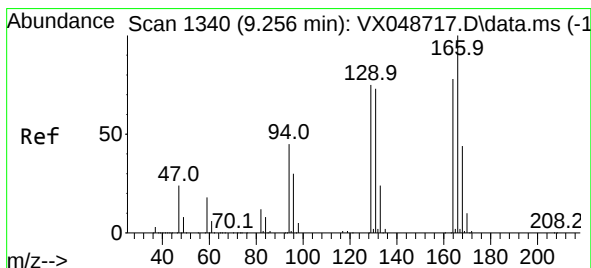
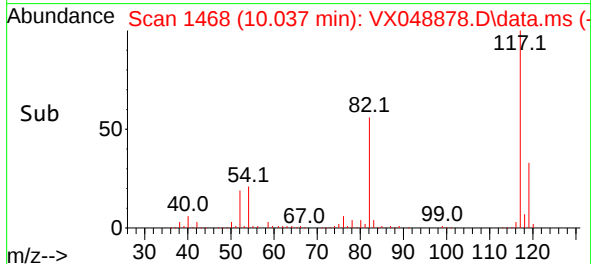
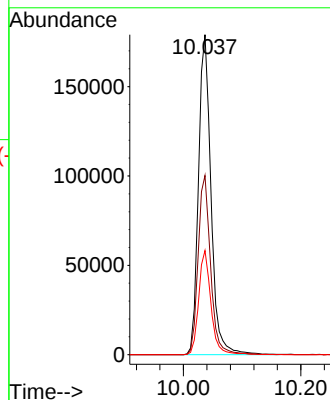
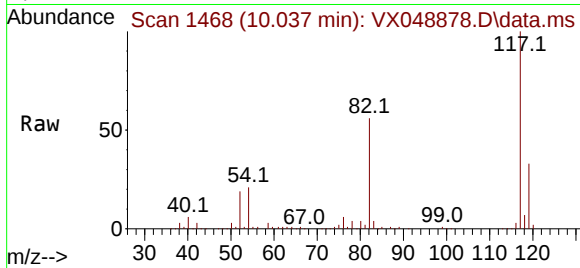




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048878.D
Acq: 15 Dec 2025 15:08

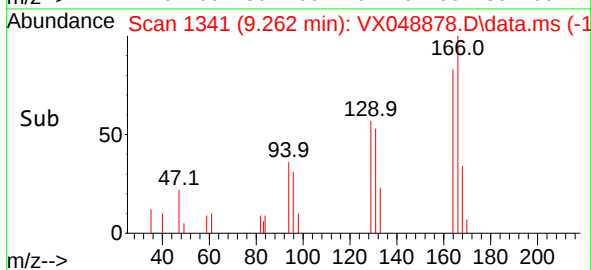
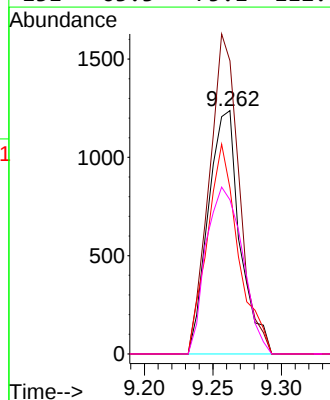
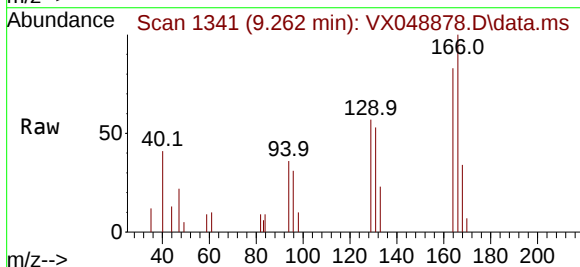
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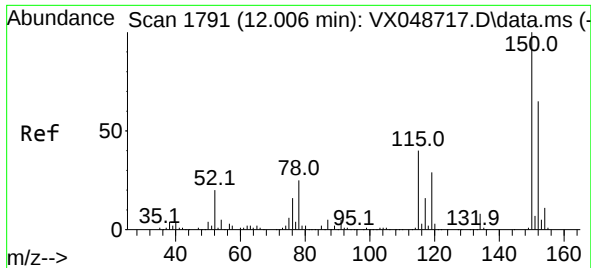
Tgt Ion:117 Resp: 265370
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 32.5 25.2 37.8



#64
Tetrachloroethene
Concen: 1.030 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048878.D
Acq: 15 Dec 2025 15:08

Tgt Ion:164 Resp: 1992
Ion Ratio Lower Upper
164 100
166 120.4 103.1 154.7
129 68.2 76.9 115.3#
131 63.3 75.1 112.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048878.D

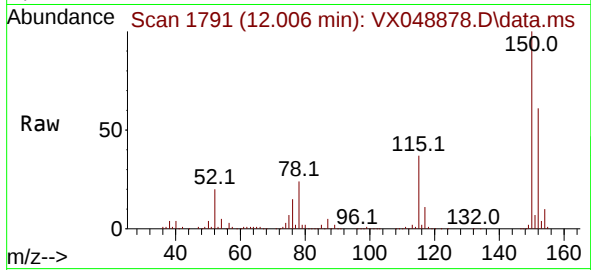
Acq: 15 Dec 2025 15:08

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-121225DL



Tgt Ion:152 Resp: 111258

Ion Ratio Lower Upper

152 100

115 59.7 42.1 126.4

150 156.8 0.0 347.8

