

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048849.D
 Acq On : 12 Dec 2025 13:09
 Operator : JC/MD
 Sample : Q3835-04DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B-37.5-121025DL

Quant Time: Dec 12 22:12:12 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)

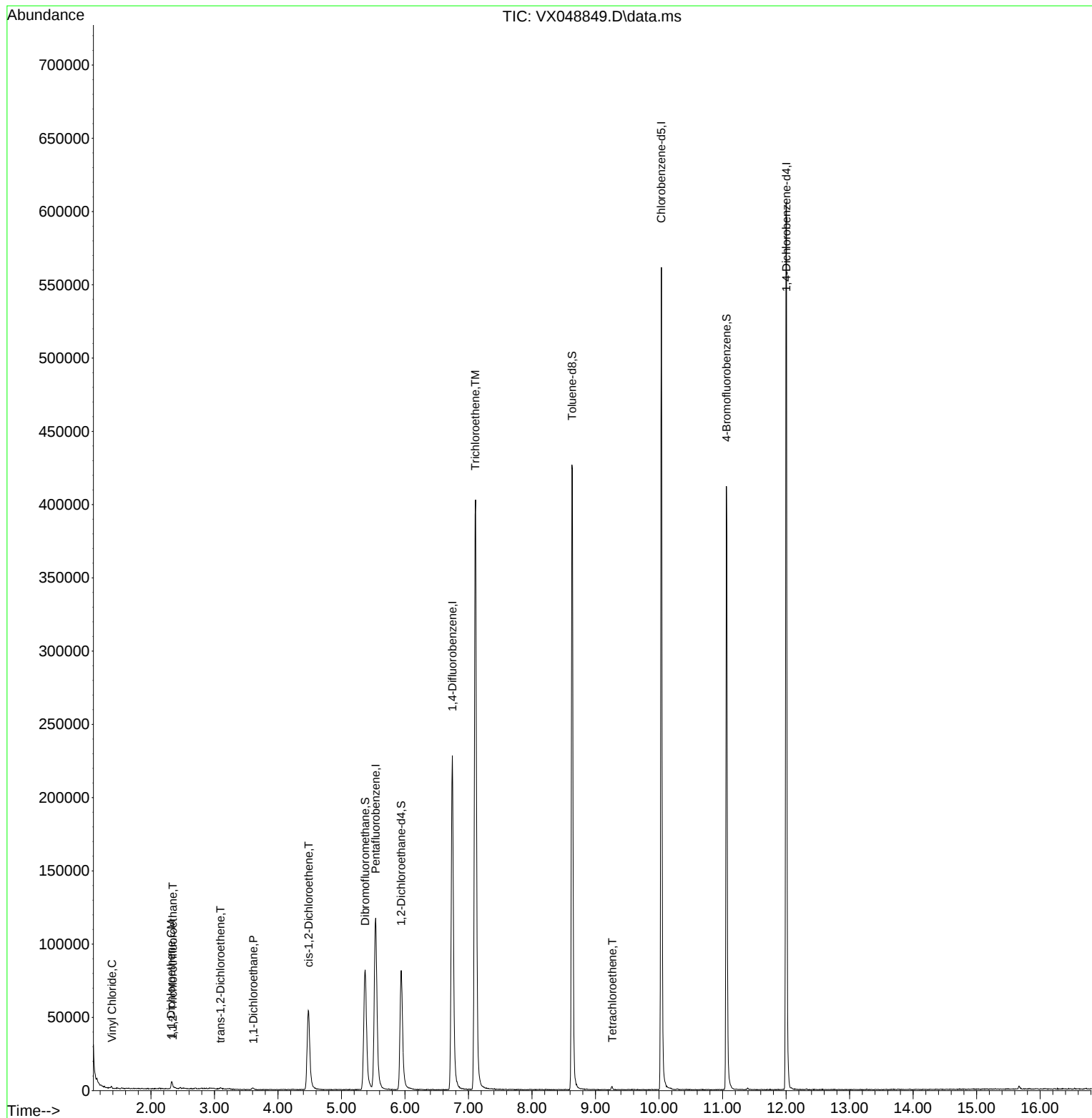
Internal Standards						
1) Pentafluorobenzene	5.537	168	120522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	248427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	265146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	89181	55.131	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 110.260%		
35) Dibromofluoromethane	5.373	113	81291	47.524	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.040%		
50) Toluene-d8	8.628	98	282710	47.151	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 94.300%		
62) 4-Bromofluorobenzene	11.061	95	118269	57.202	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.400%		
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.386	62	434	0.263	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.343	101	472	0.344	ug/l	94
12) 1,1-Dichloroethene	2.318	96	1616	1.155	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	373	0.261	ug/l #	81
24) 1,1-Dichloroethane	3.611	63	1738	0.710	ug/l #	82
27) cis-1,2-Dichloroethene	4.483	96	39020	24.209	ug/l	96
44) Trichloroethene	7.104	130	172748	95.327	ug/l	95
64) Tetrachloroethene	9.262	164	559	0.289	ug/l #	66

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

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MW-11B-37.5-121025DL

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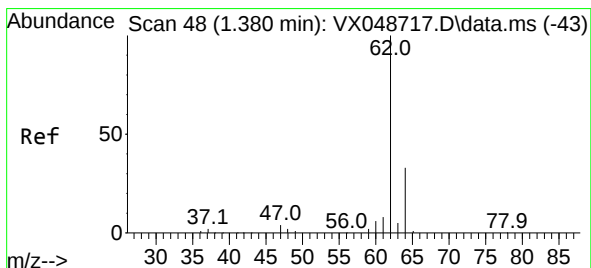
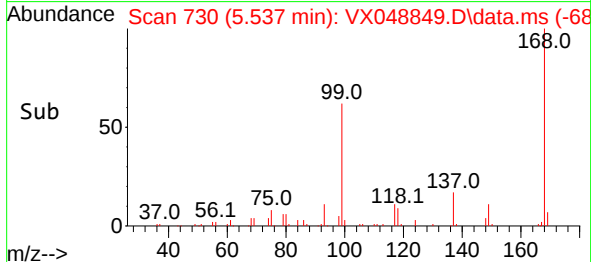
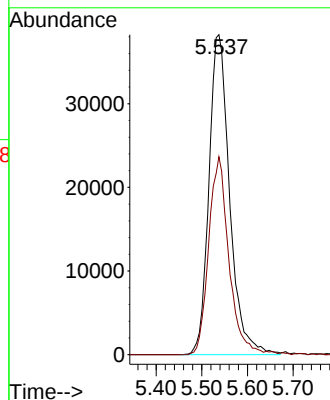
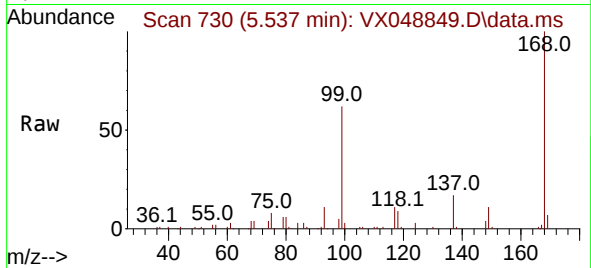




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048849.D
Acq: 12 Dec 2025 13:09

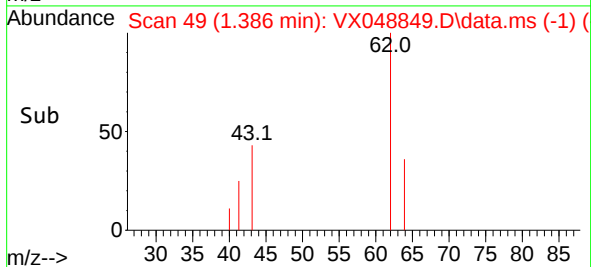
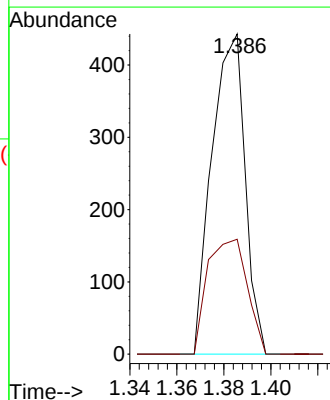
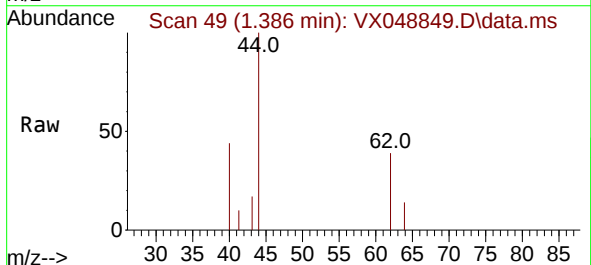
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-121025DL

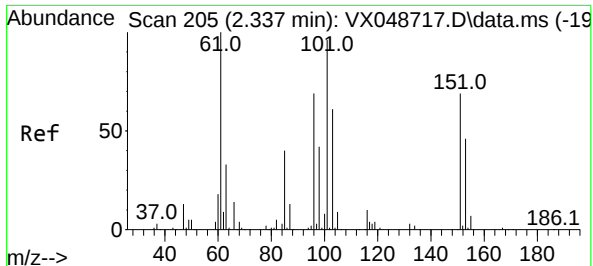
Tgt Ion:168 Resp: 120522
Ion Ratio Lower Upper
168 100
99 61.8 44.2 66.4



#4
Vinyl Chloride
Concen: 0.263 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX048849.D
Acq: 12 Dec 2025 13:09

Tgt Ion: 62 Resp: 434
Ion Ratio Lower Upper
62 100
64 35.9 26.0 39.0

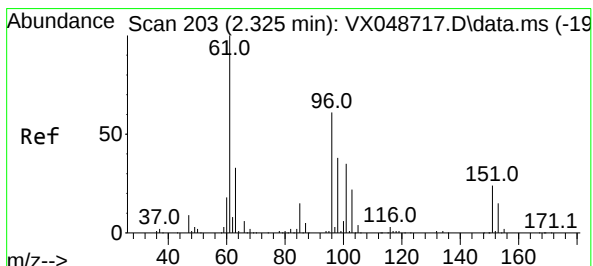
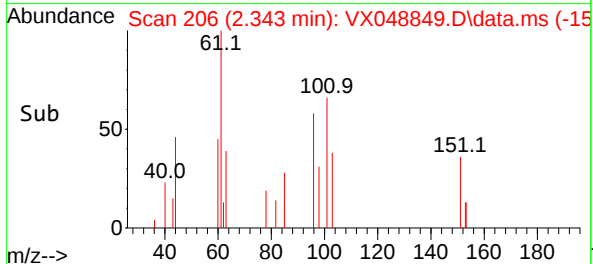
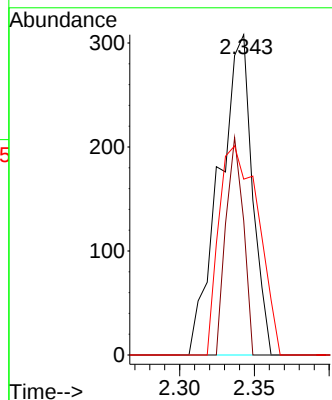
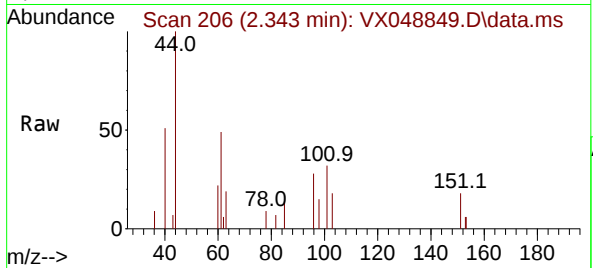




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.344 ug/l
 RT: 2.343 min Scan# 205
 Delta R.T. 0.006 min
 Lab File: VX048849.D
 Acq: 12 Dec 2025 13:09

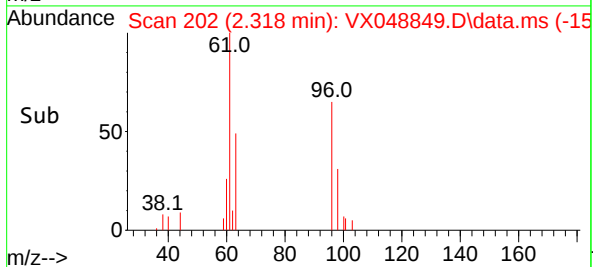
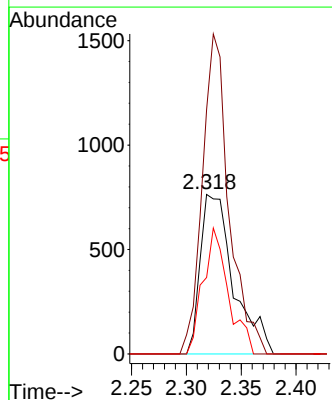
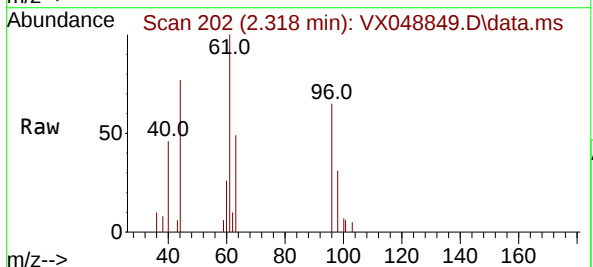
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B-37.5-121025DL

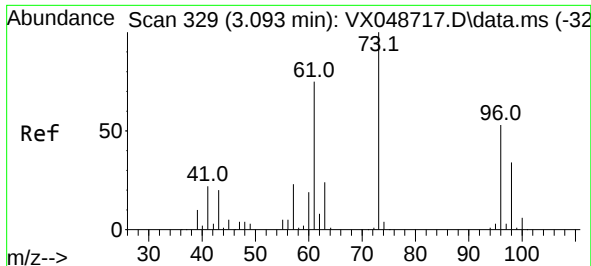
Tgt Ion:101 Resp: 472
 Ion Ratio Lower Upper
 101 100
 85 36.0 34.2 51.2
 151 78.0 60.2 90.4



#12
 1,1-Dichloroethene
 Concen: 1.155 ug/l
 RT: 2.318 min Scan# 202
 Delta R.T. -0.006 min
 Lab File: VX048849.D
 Acq: 12 Dec 2025 13:09

Tgt Ion: 96 Resp: 1616
 Ion Ratio Lower Upper
 96 100
 61 153.1 130.7 196.1
 98 47.9 49.8 74.8#

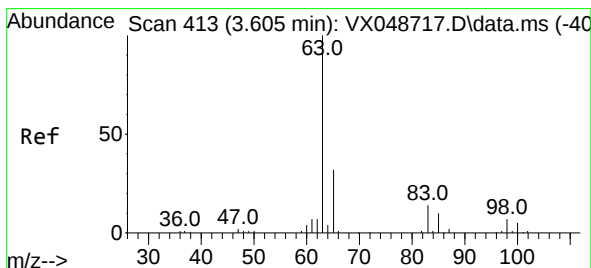
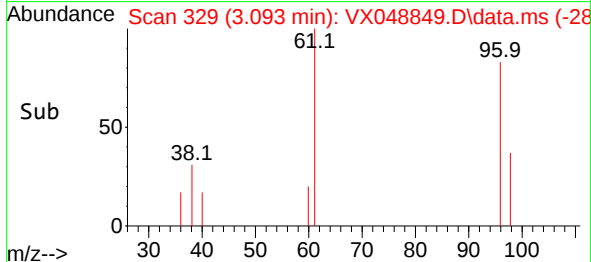
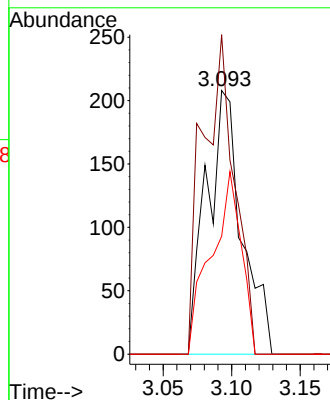
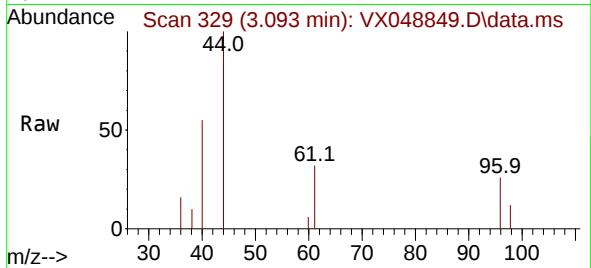




#21
trans-1,2-Dichloroethene
Concen: 0.261 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048849.D
Acq: 12 Dec 2025 13:09

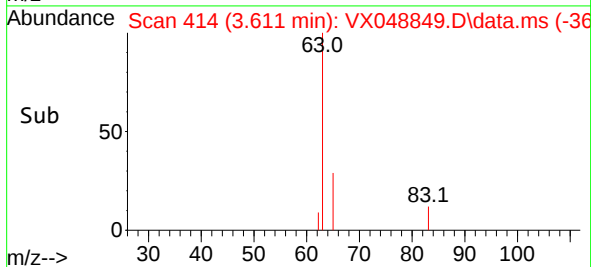
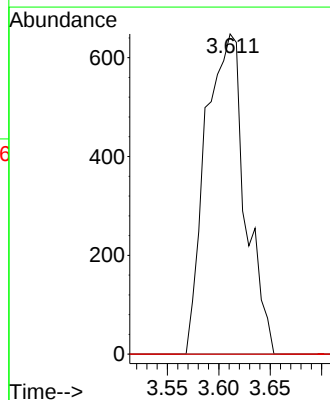
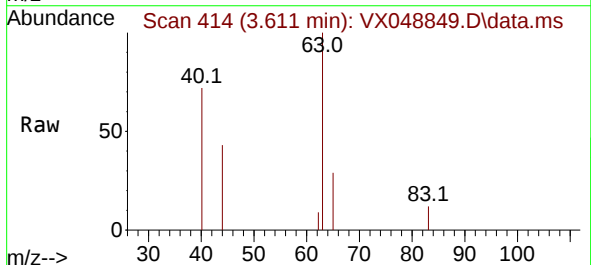
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-121025DL

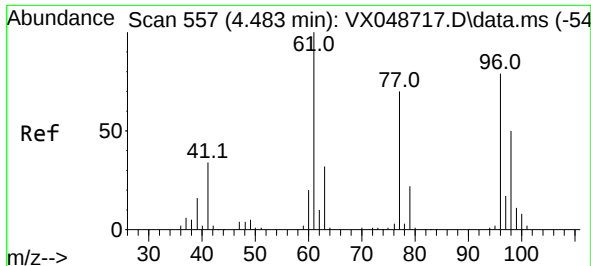
Tgt Ion: 96 Resp: 373
Ion Ratio Lower Upper
96 100
61 121.2 112.8 169.2
98 44.7 51.0 76.4#



#24
1,1-Dichloroethane
Concen: 0.710 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048849.D
Acq: 12 Dec 2025 13:09

Tgt Ion: 63 Resp: 1738
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.6#
100 0.0 2.5 7.4#





#27

cis-1,2-Dichloroethene

Concen: 24.209 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX048849.D

Acq: 12 Dec 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

MW-11B-37.5-121025DL

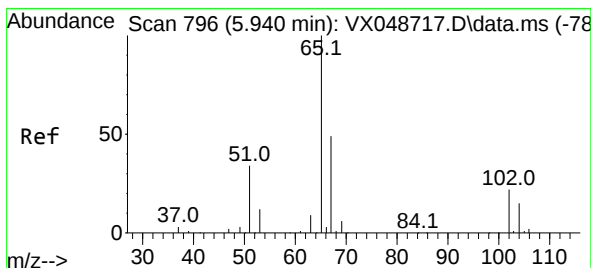
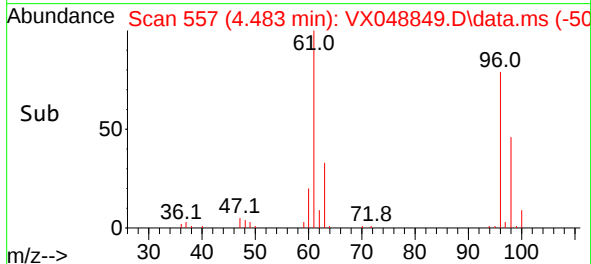
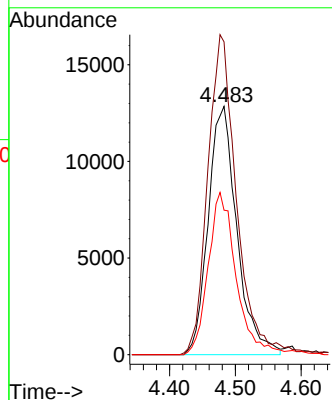
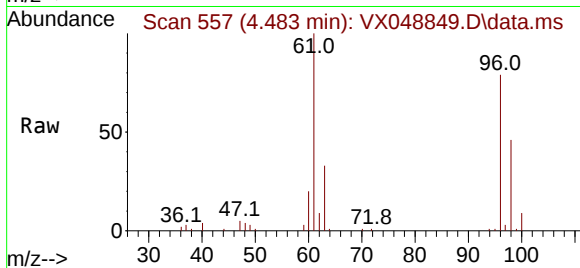
Tgt Ion: 96 Resp: 39020

Ion Ratio Lower Upper

96 100

61 129.8 0.0 271.0

98 63.5 0.0 130.2



#33

1,2-Dichloroethane-d4

Concen: 55.131 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048849.D

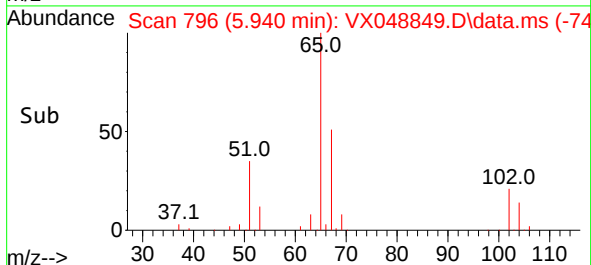
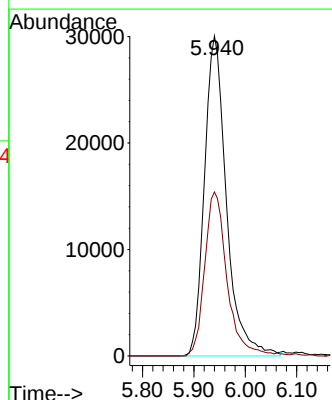
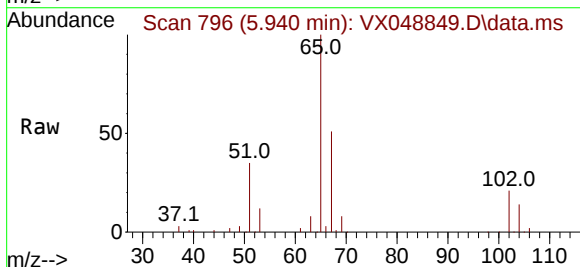
Acq: 12 Dec 2025 13:09

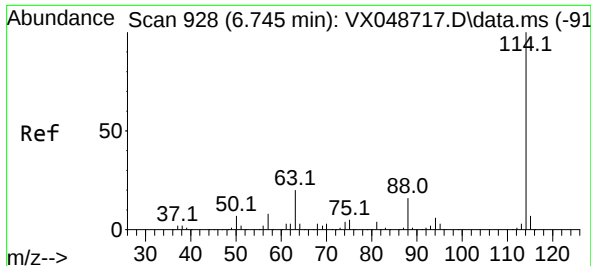
Tgt Ion: 65 Resp: 89181

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4

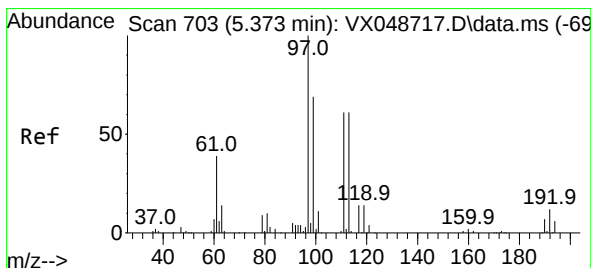
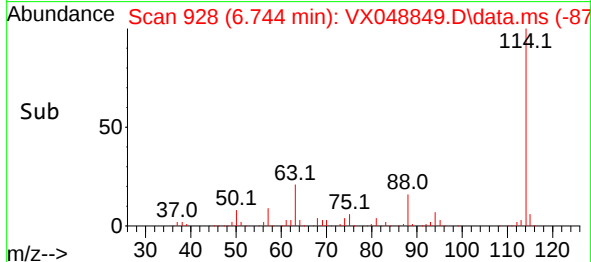
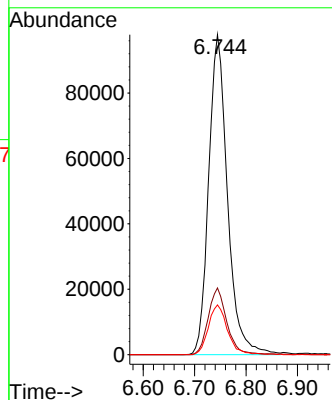
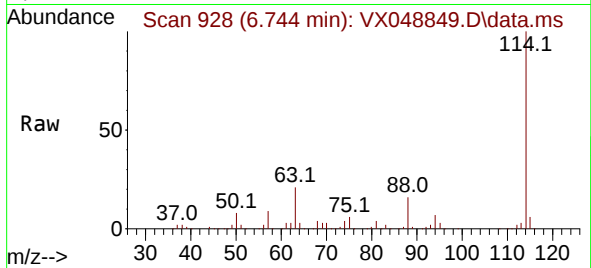




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048849.D
Acq: 12 Dec 2025 13:09

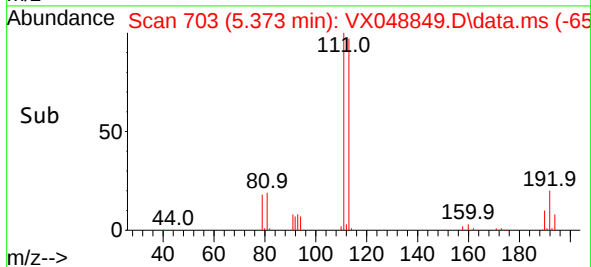
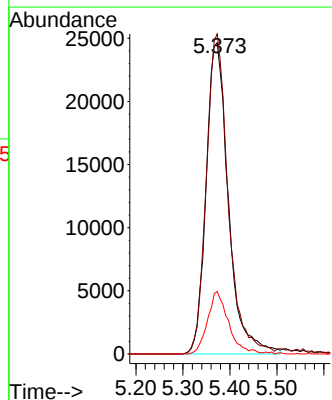
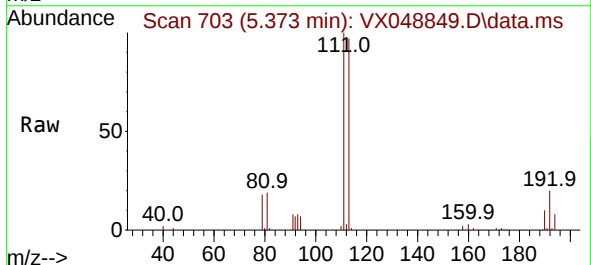
Instrument :
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ClientSampleId :
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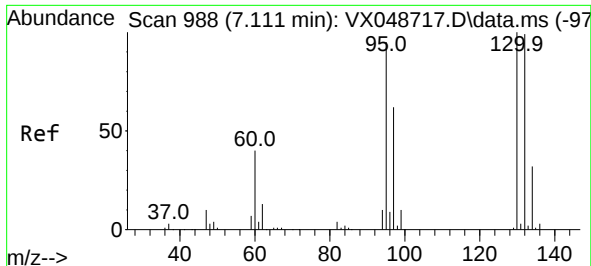
Tgt Ion:114 Resp: 248427
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.0
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.524 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048849.D
Acq: 12 Dec 2025 13:09

Tgt Ion:113 Resp: 81291
Ion Ratio Lower Upper
113 100
111 100.7 79.5 119.3
192 18.9 16.1 24.1

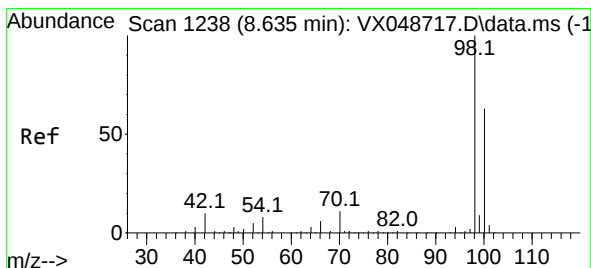
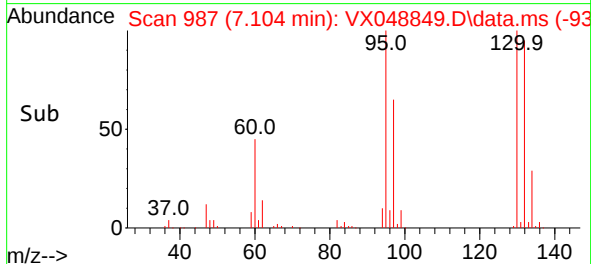
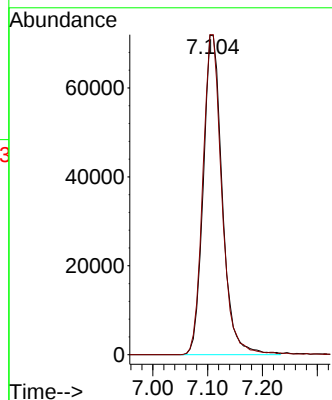
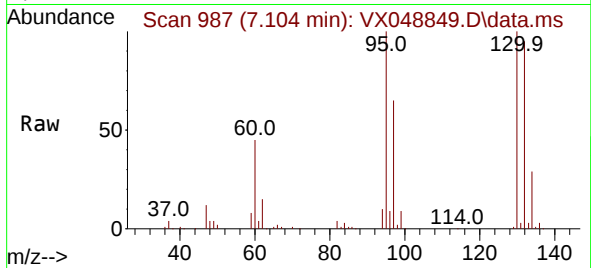




#44
Trichloroethene
Concen: 95.327 ug/l
RT: 7.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048849.D
Acq: 12 Dec 2025 13:09

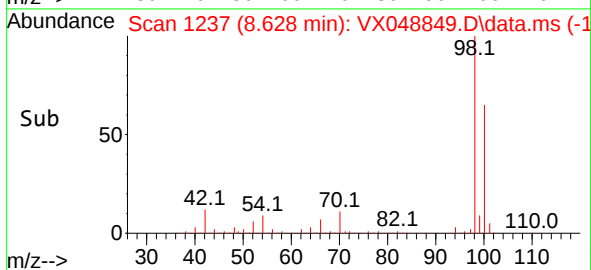
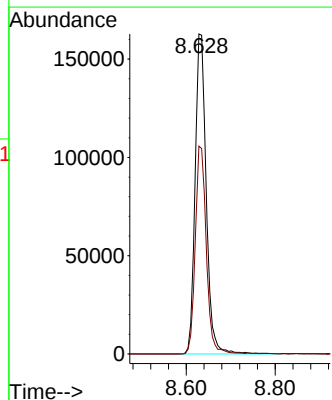
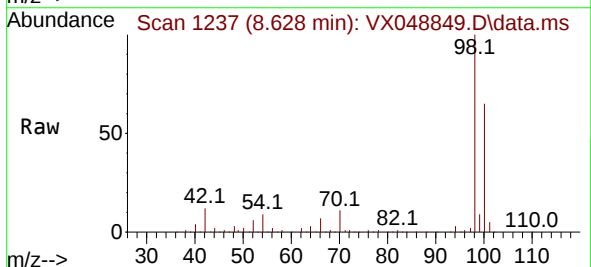
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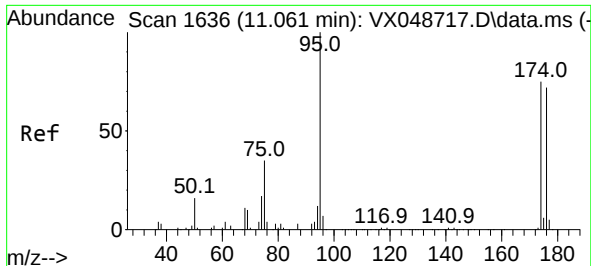
Tgt Ion:130 Resp: 172748
Ion Ratio Lower Upper
130 100
95 100.1 0.0 189.6



#50
Toluene-d8
Concen: 47.151 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048849.D
Acq: 12 Dec 2025 13:09

Tgt Ion: 98 Resp: 282710
Ion Ratio Lower Upper
98 100
100 64.1 53.4 80.0

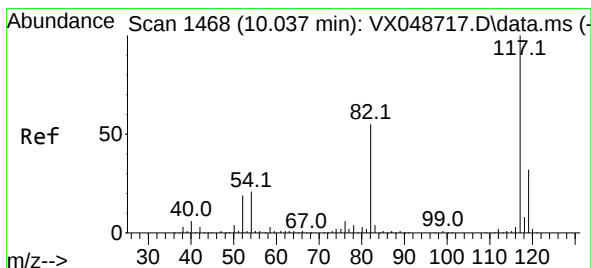
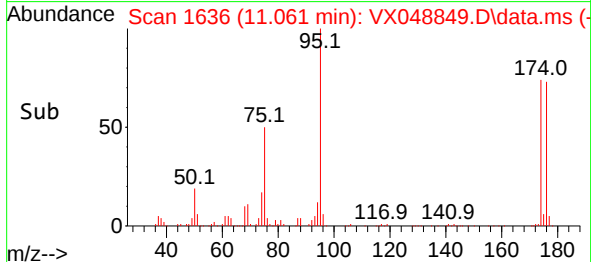
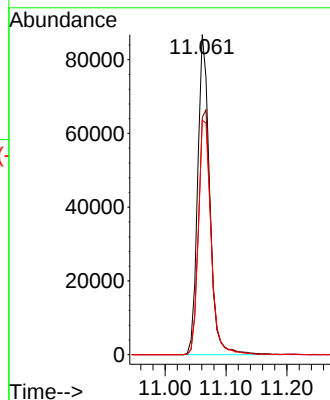
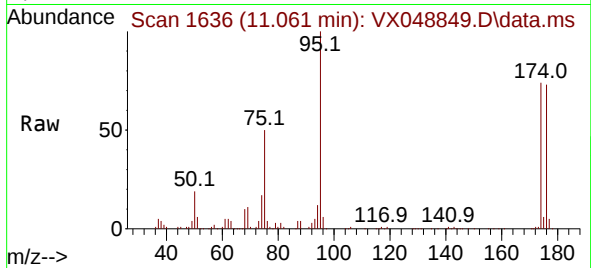




#62
4-Bromofluorobenzene
Concen: 57.202 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048849.D
Acq: 12 Dec 2025 13:09

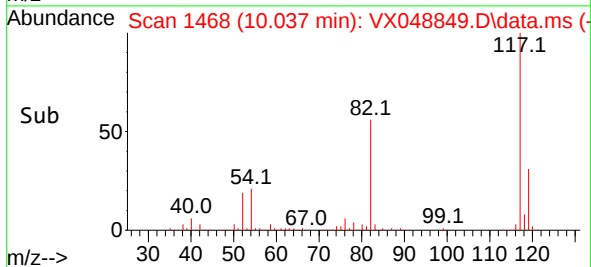
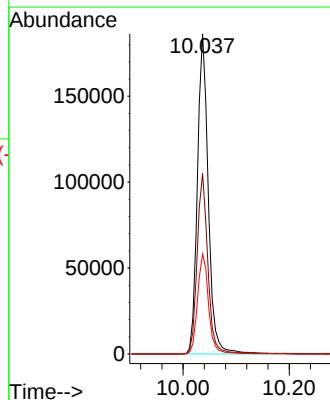
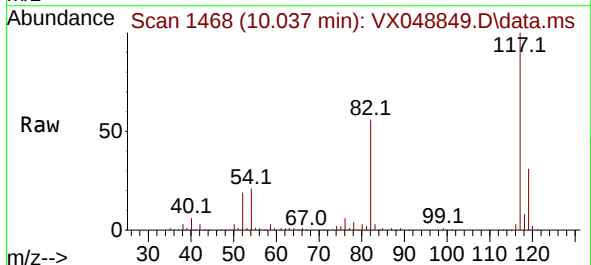
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-121025DL

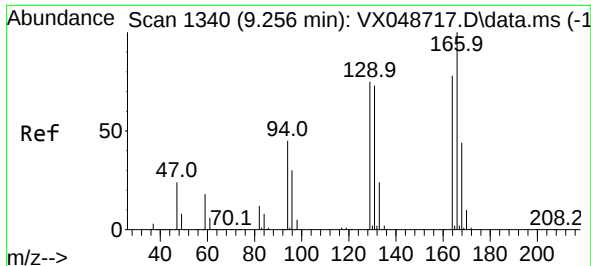
Tgt Ion: 95 Resp: 118269
Ion Ratio Lower Upper
95 100
174 80.0 0.0 157.8
176 77.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048849.D
Acq: 12 Dec 2025 13:09

Tgt Ion: 117 Resp: 265146
Ion Ratio Lower Upper
117 100
82 56.4 44.1 66.1
119 31.3 25.2 37.8

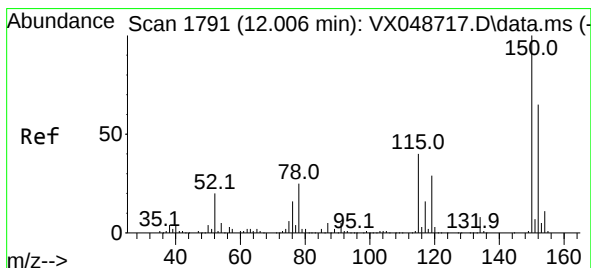
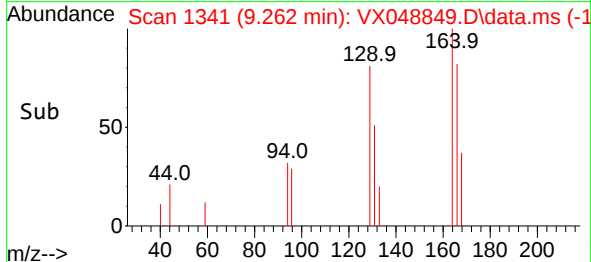
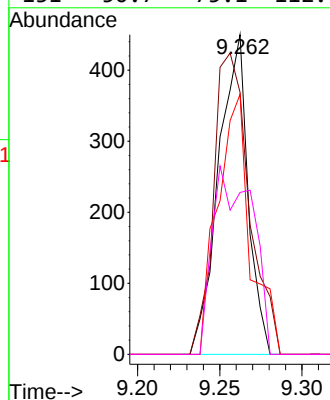
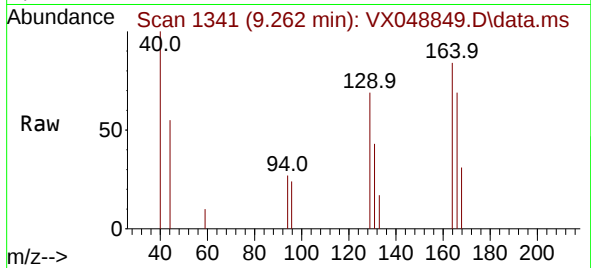




#64
Tetrachloroethene
Concen: 0.289 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048849.D
Acq: 12 Dec 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-121025DL

Tgt Ion:164	Resp:	559
Ion	Ratio	Lower Upper
164	100	
166	82.0	103.1 154.7#
129	81.3	76.9 115.3
131	50.7	75.1 112.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048849.D
Acq: 12 Dec 2025 13:09

Tgt Ion:152	Resp:	140485
Ion	Ratio	Lower Upper
152	100	
115	58.5	42.1 126.4
150	154.5	0.0 347.8

