

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048874.D
 Acq On : 15 Dec 2025 12:52
 Operator : JC/MD
 Sample : Q3863-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 16 00:15:33 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)

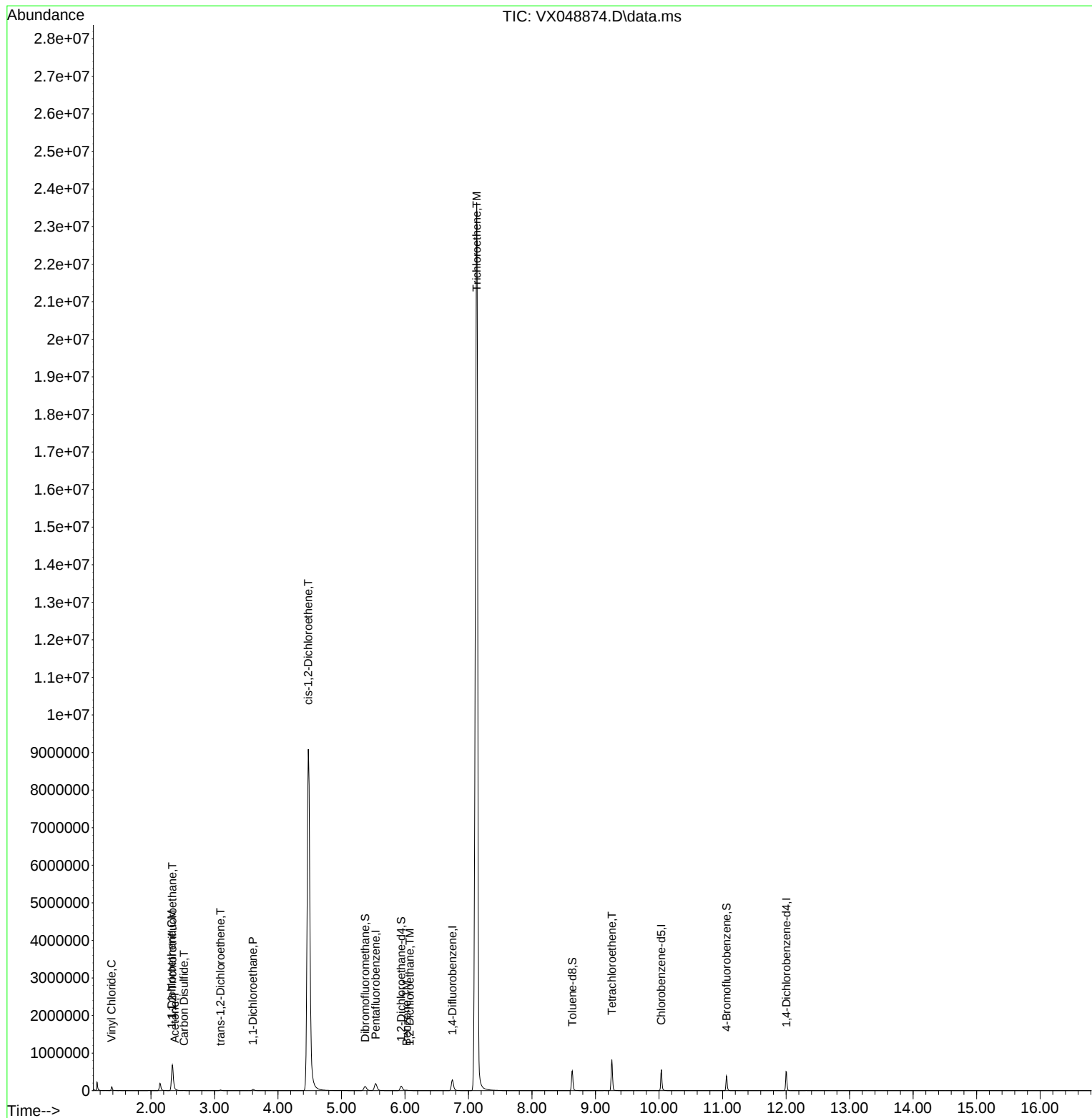
Internal Standards						
1) Pentafluorobenzene	5.537	168	192259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	322555	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	261053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	130567	50.598	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.200%			
35) Dibromofluoromethane	5.373	113	102697	46.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.480%			
50) Toluene-d8	8.634	98	338259	43.450	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 86.900%#			
62) 4-Bromofluorobenzene	11.061	95	113037	42.107	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.220%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.380	62	78000	29.628	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	272287	124.481	ug/l	99
12) 1,1-Dichloroethene	2.325	96	60793	27.231	ug/l	99
16) Acetone	2.373	43	3003	3.040	ug/l	98
17) Carbon Disulfide	2.520	76	3601	0.555	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	8253	3.622	ug/l	100
24) 1,1-Dichloroethane	3.605	63	40116	10.269	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	6526222	2538.181	ug/l	95
40) Benzene	6.025	78	11436	1.268	ug/l	99
42) 1,2-Dichloroethane	6.074	62	5929m	1.858	ug/l	
44) Trichloroethene	7.129	130	10760566	4573.339	ug/l	89
64) Tetrachloroethene	9.256	164	166474	87.487	ug/l	98

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

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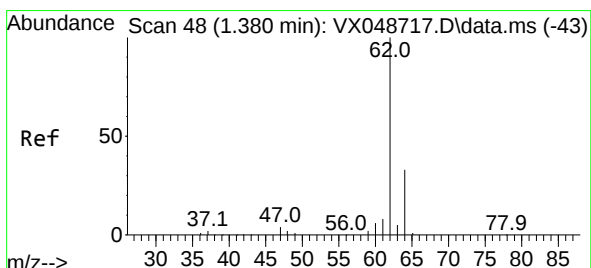
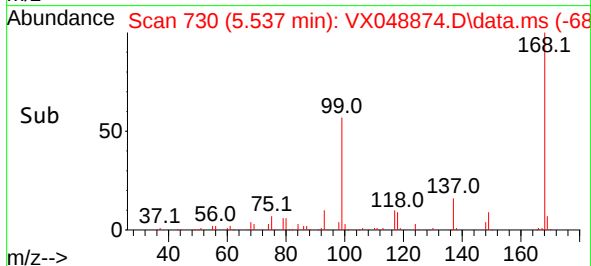
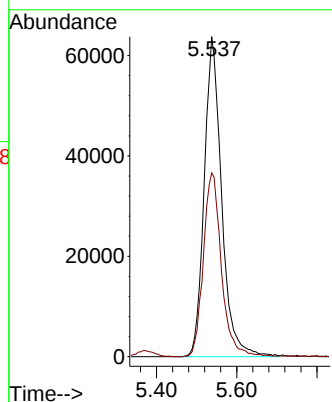
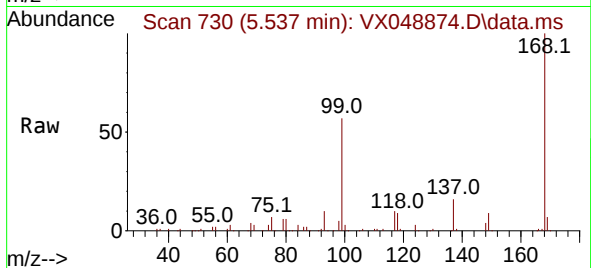




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048874.D
Acq: 15 Dec 2025 12:52

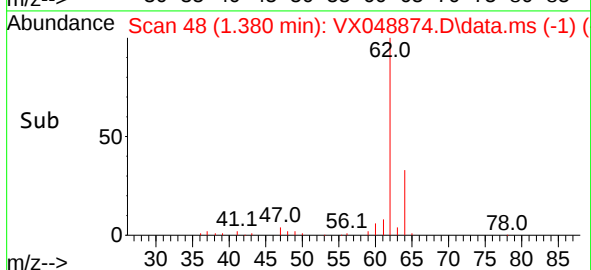
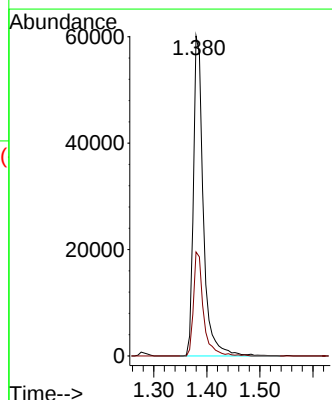
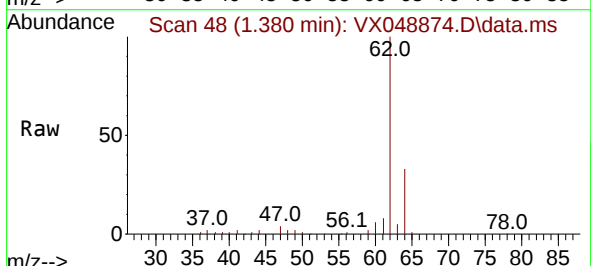
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-121225

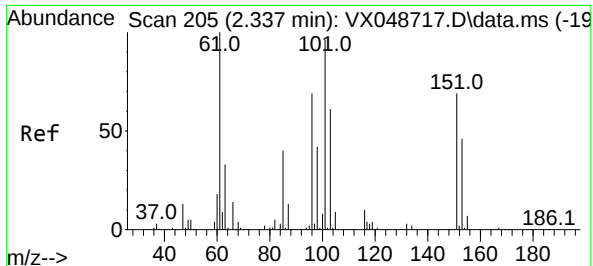
Tgt Ion:168 Resp: 192259
Ion Ratio Lower Upper
168 100
99 57.4 44.2 66.4



#4
Vinyl Chloride
Concen: 29.628 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048874.D
Acq: 15 Dec 2025 12:52

Tgt Ion: 62 Resp: 78000
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

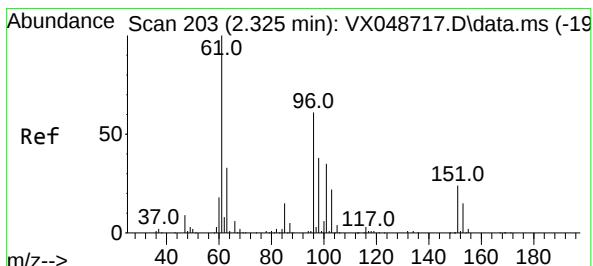
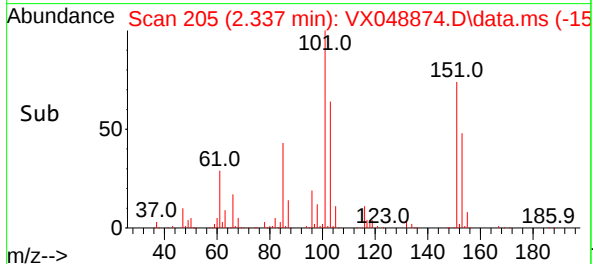
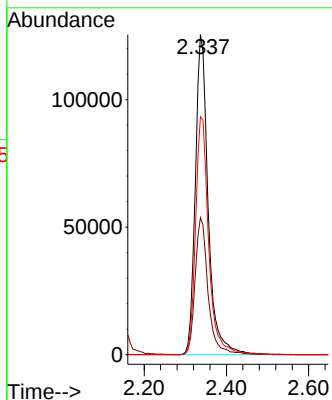
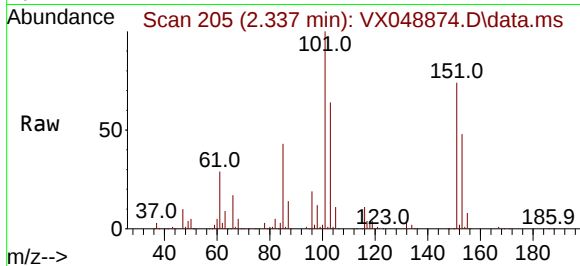




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 124.481 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX048874.D
 Acq: 15 Dec 2025 12:52

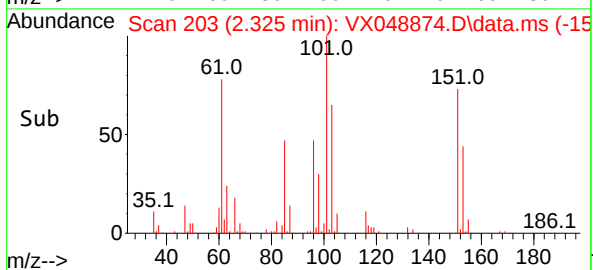
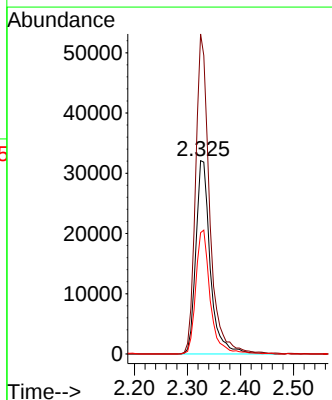
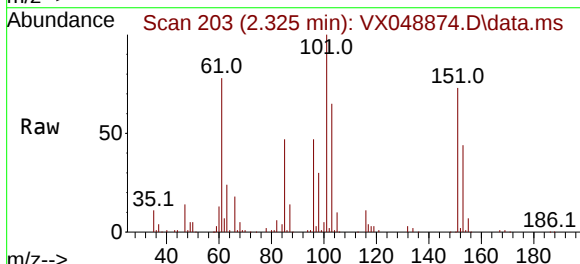
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-121225

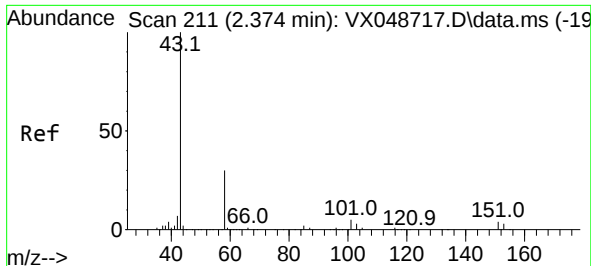
Tgt Ion:101 Resp: 272287
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.2 51.2
 151 75.7 60.2 90.4



#12
 1,1-Dichloroethene
 Concen: 27.231 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX048874.D
 Acq: 15 Dec 2025 12:52

Tgt Ion: 96 Resp: 60793
 Ion Ratio Lower Upper
 96 100
 61 165.5 130.7 196.1
 98 62.8 49.8 74.8

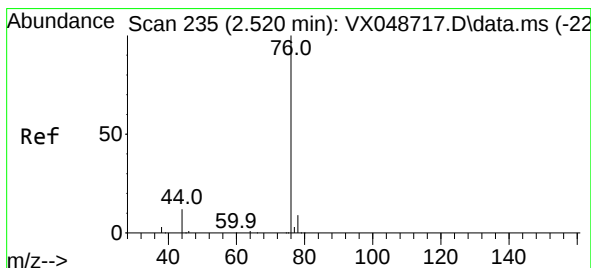
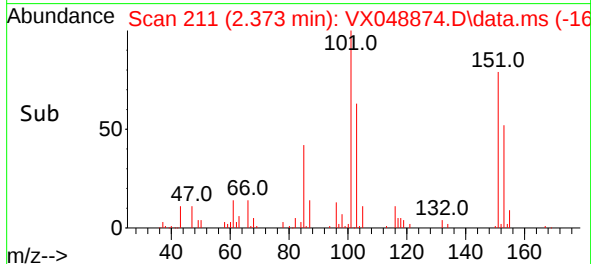
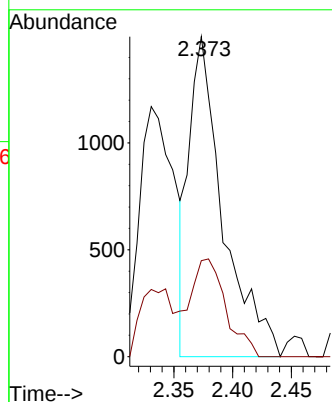
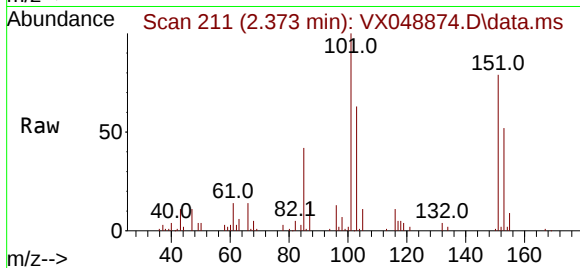




#16
Acetone
Concen: 3.040 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048874.D
Acq: 15 Dec 2025 12:52

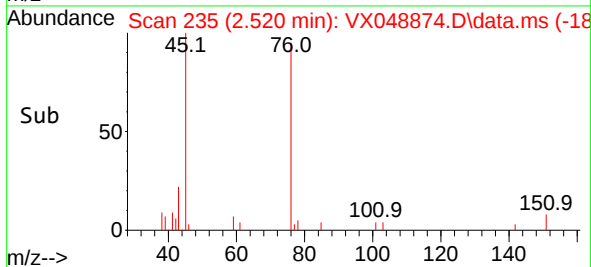
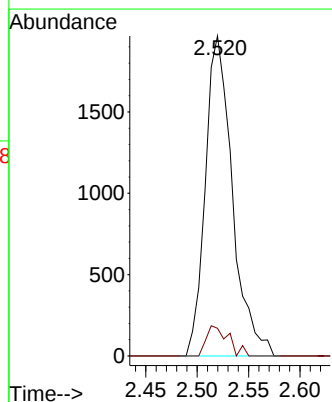
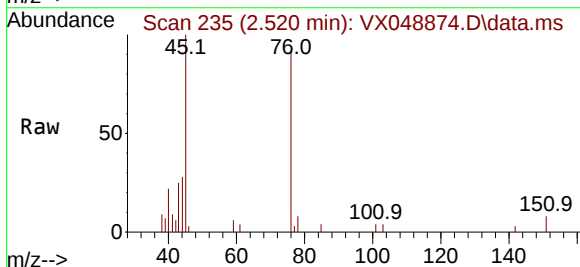
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-121225

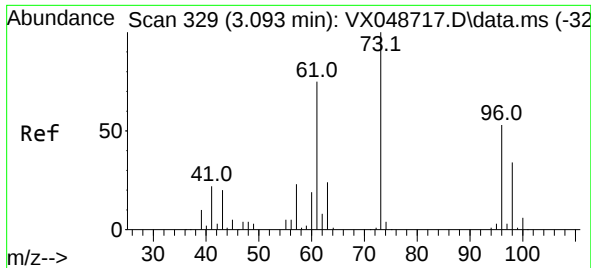
Tgt Ion: 43 Resp: 3003
Ion Ratio Lower Upper
43 100
58 30.0 25.0 37.4



#17
Carbon Disulfide
Concen: 0.555 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048874.D
Acq: 15 Dec 2025 12:52

Tgt Ion: 76 Resp: 3601
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

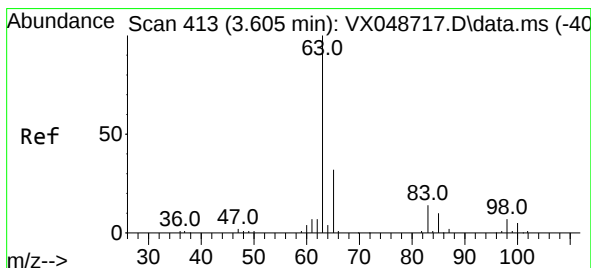
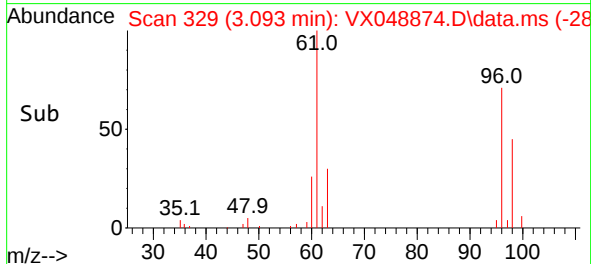
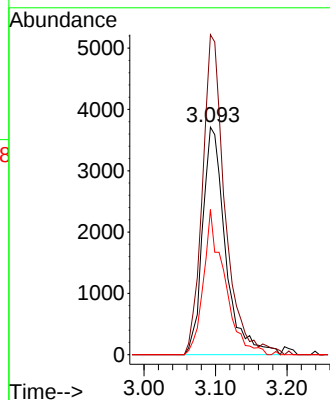
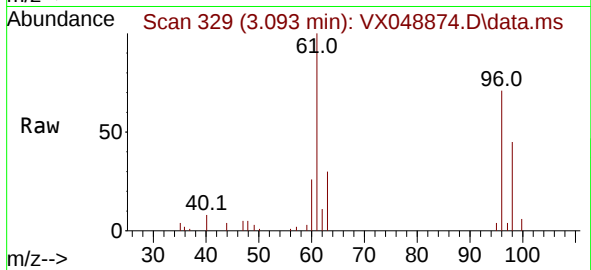




#21
trans-1,2-Dichloroethene
Concen: 3.622 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048874.D
Acq: 15 Dec 2025 12:52

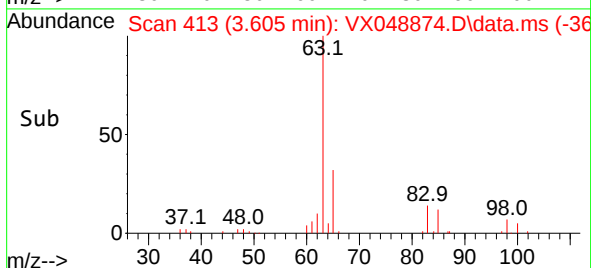
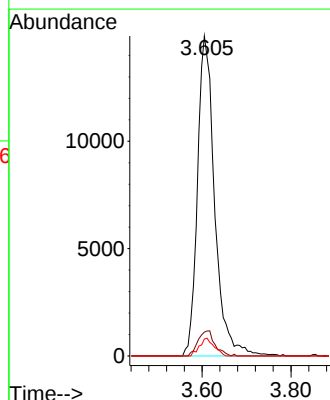
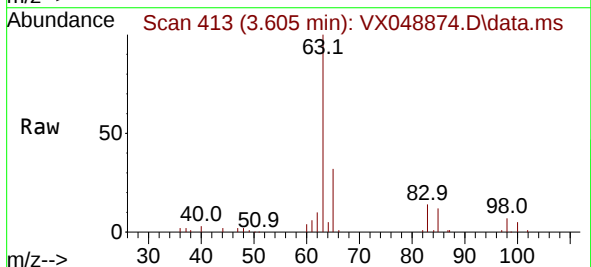
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-121225

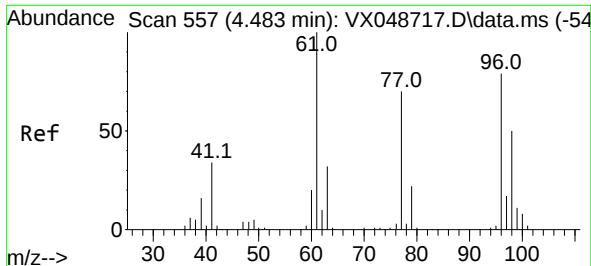
Tgt Ion: 96 Resp: 8253
Ion Ratio Lower Upper
96 100
61 140.7 112.8 169.2
98 63.8 51.0 76.4



#24
1,1-Dichloroethane
Concen: 10.269 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048874.D
Acq: 15 Dec 2025 12:52

Tgt Ion: 63 Resp: 40116
Ion Ratio Lower Upper
63 100
98 7.5 3.5 10.6
100 5.3 2.5 7.4





#27

cis-1,2-Dichloroethene

Concen: 2538.181 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048874.D

Acq: 15 Dec 2025 12:52

Instrument :

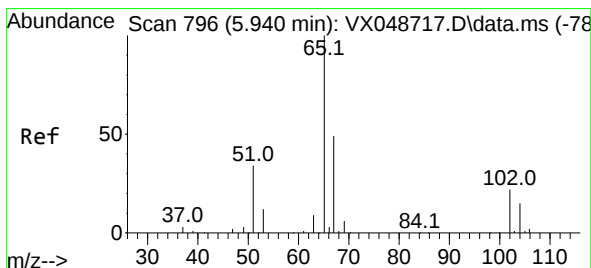
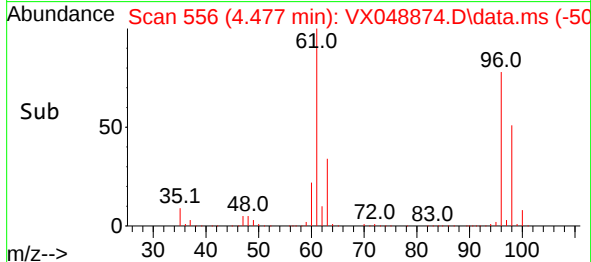
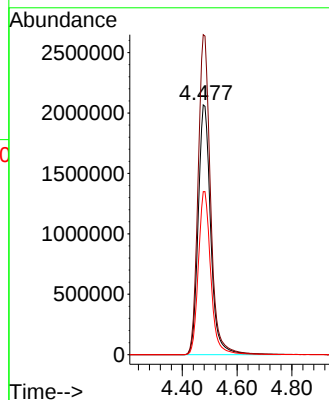
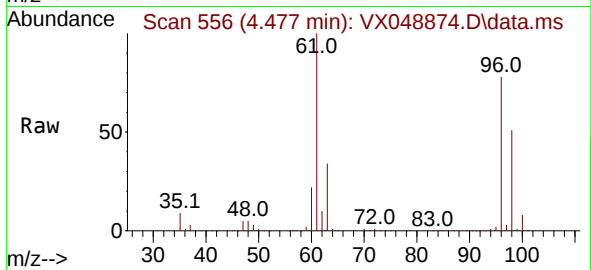
MSVOA_X

ClientSampleId :

MW-17B-55-121225

Tgt Ion: 96 Resp: 6526222

Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	271.0
98	64.9	0.0	130.2



#33

1,2-Dichloroethane-d4

Concen: 50.598 ug/l

RT: 5.940 min Scan# 796

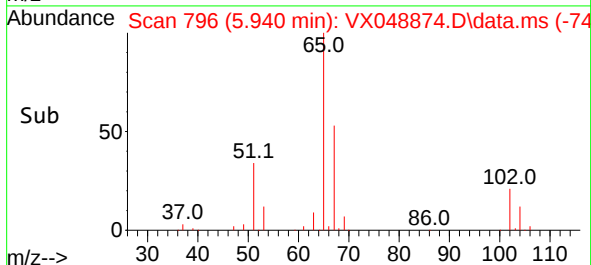
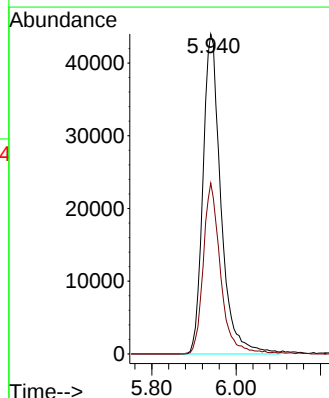
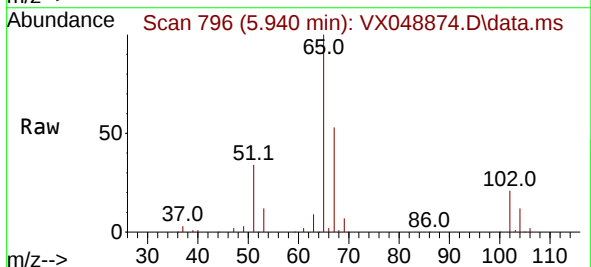
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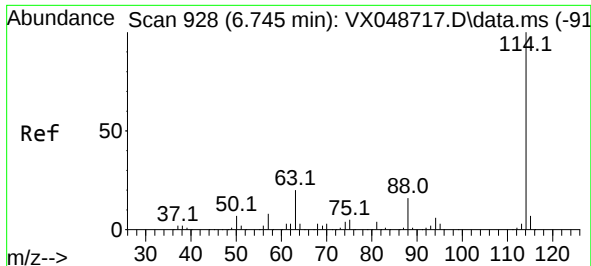
Lab File: VX048874.D

Acq: 15 Dec 2025 12:52

Tgt Ion: 65 Resp: 130567

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	107.4

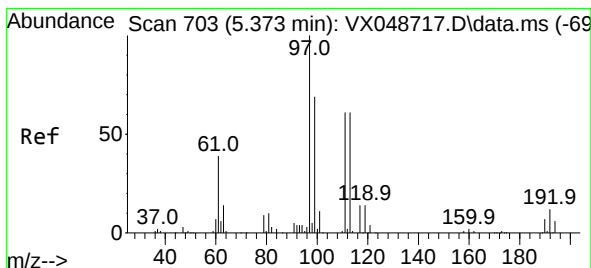
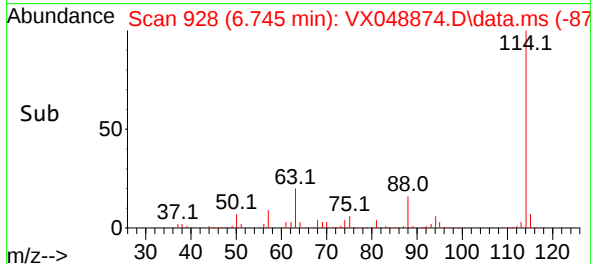
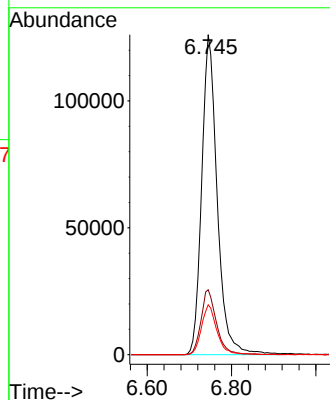
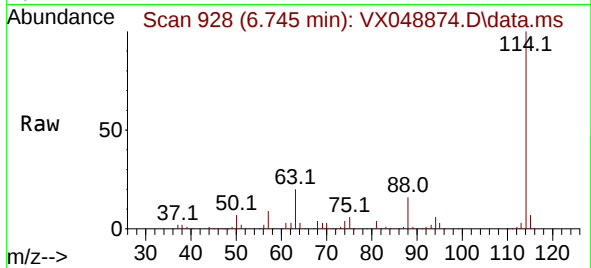




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048874.D
Acq: 15 Dec 2025 12:52

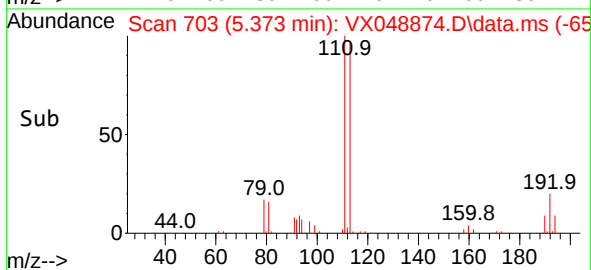
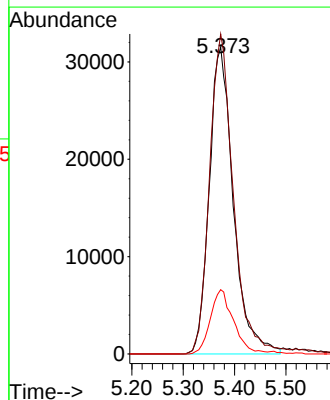
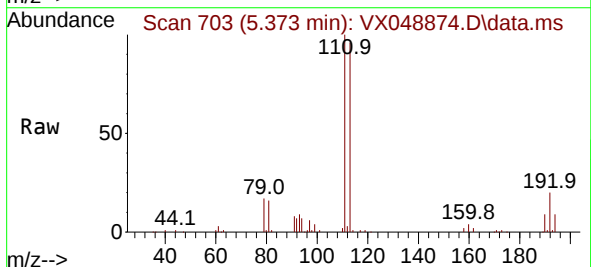
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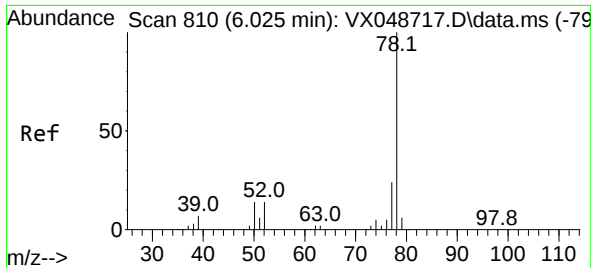
Tgt Ion:114 Resp: 322555
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.0
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.241 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048874.D
Acq: 15 Dec 2025 12:52

Tgt Ion:113 Resp: 102697
Ion Ratio Lower Upper
113 100
111 103.2 79.5 119.3
192 20.1 16.1 24.1





#40

Benzene

Concen: 1.268 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048874.D

Acq: 15 Dec 2025 12:52

Instrument :

MSVOA_X

ClientSampleId :

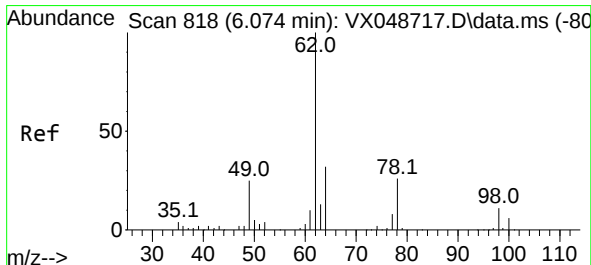
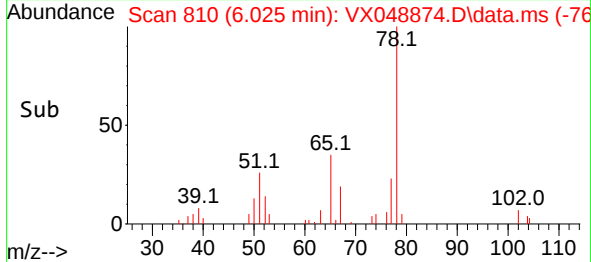
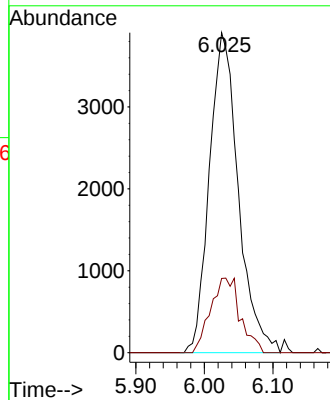
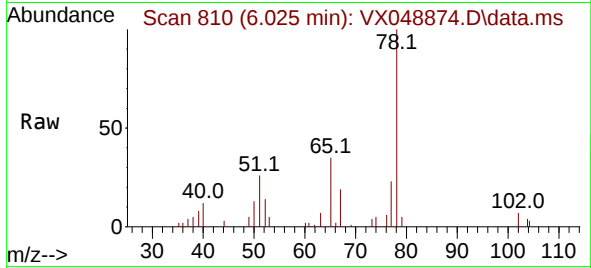
MW-17B-55-121225

Tgt Ion: 78 Resp: 11436

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2



#42

1,2-Dichloroethane

Concen: 1.858 ug/l m

RT: 6.074 min Scan# 818

Delta R.T. -0.000 min

Lab File: VX048874.D

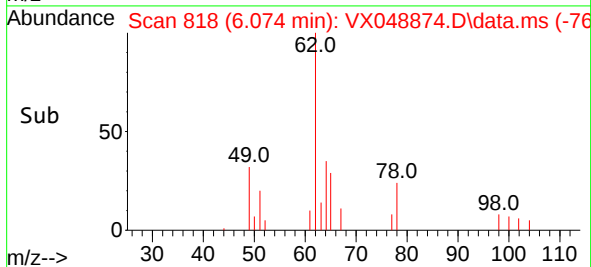
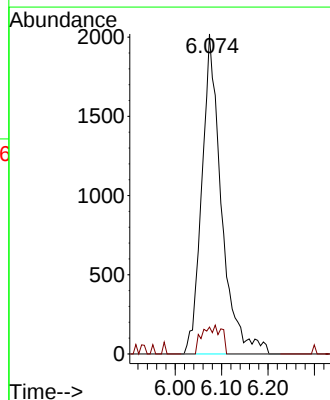
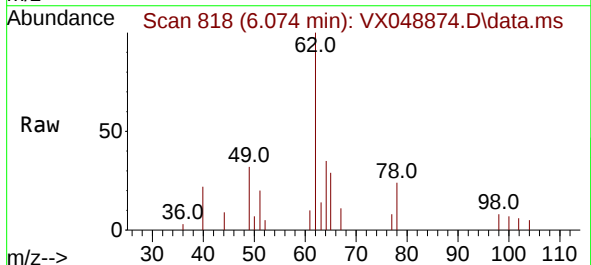
Acq: 15 Dec 2025 12:52

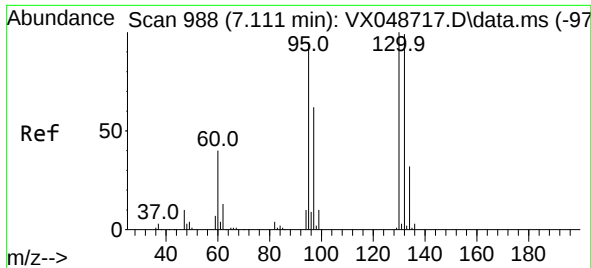
Tgt Ion: 62 Resp: 5929

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



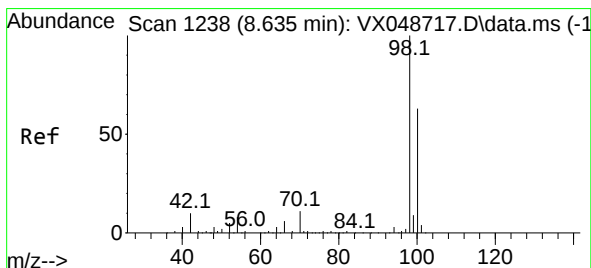
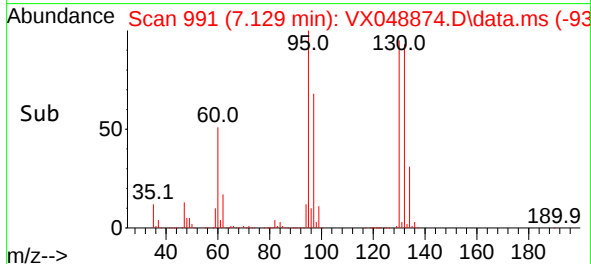
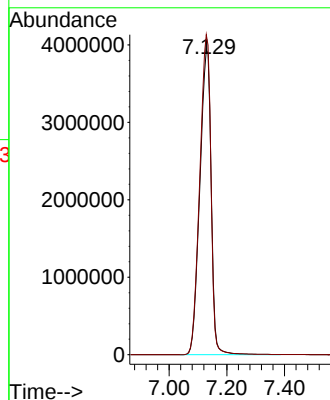
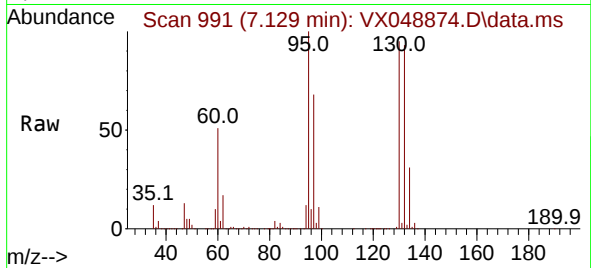


#44
 Trichloroethene
 Concen: 4573.339 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.018 min
 Lab File: VX048874.D
 Acq: 15 Dec 2025 12:52

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

Tgt Ion:130 Resp:10760566

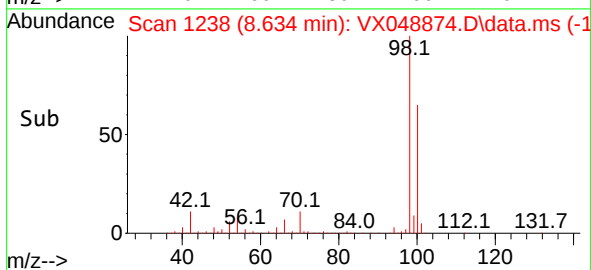
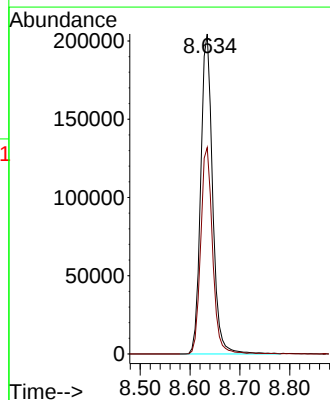
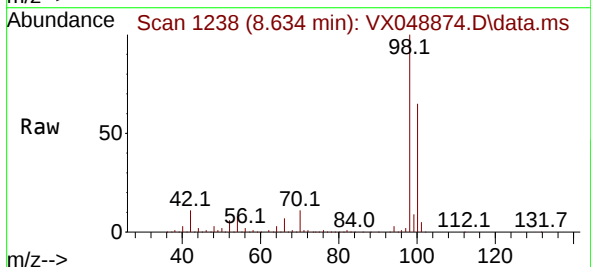
Ion	Ratio	Lower	Upper
130	100		
95	105.0	0.0	189.6

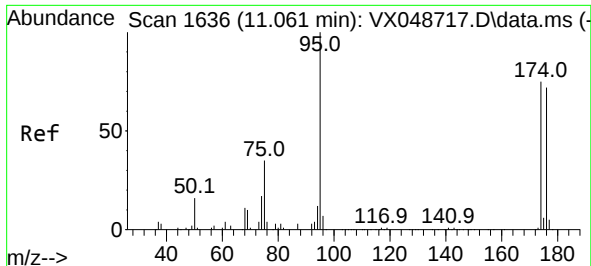


#50
 Toluene-d8
 Concen: 43.450 ug/l
 RT: 8.634 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX048874.D
 Acq: 15 Dec 2025 12:52

Tgt Ion: 98 Resp: 338259

Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.4	80.0





#62

4-Bromofluorobenzene

Concen: 42.107 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048874.D

Acq: 15 Dec 2025 12:52

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-121225

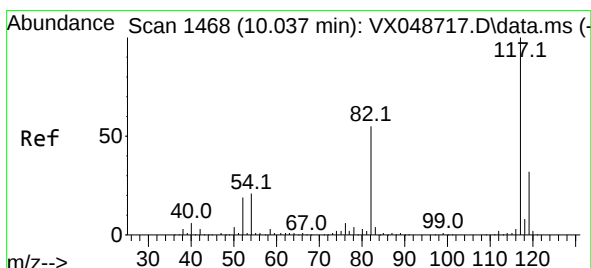
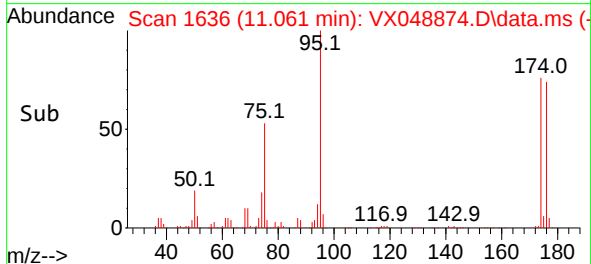
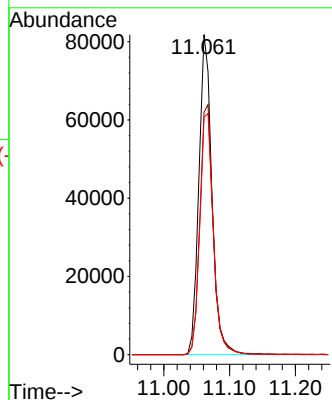
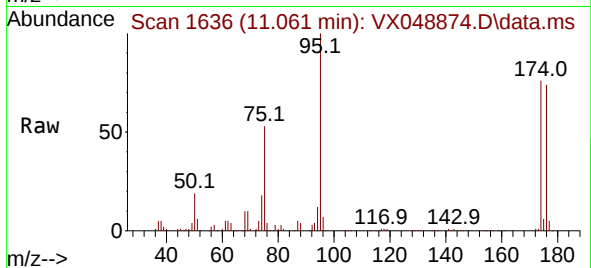
Tgt Ion: 95 Resp: 113037

Ion Ratio Lower Upper

95 100

174 79.6 0.0 157.8

176 77.9 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: VX048874.D

Acq: 15 Dec 2025 12:52

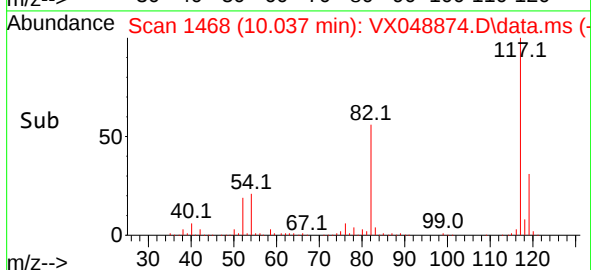
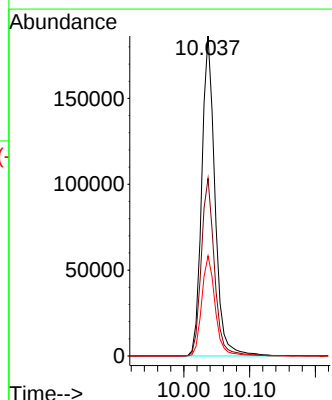
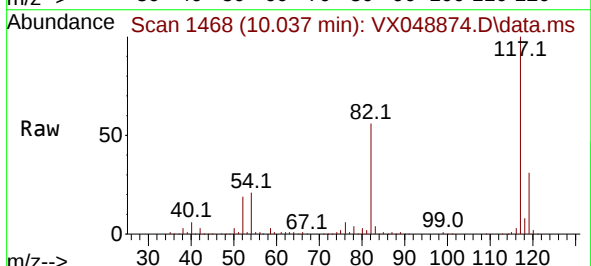
Tgt Ion: 117 Resp: 261053

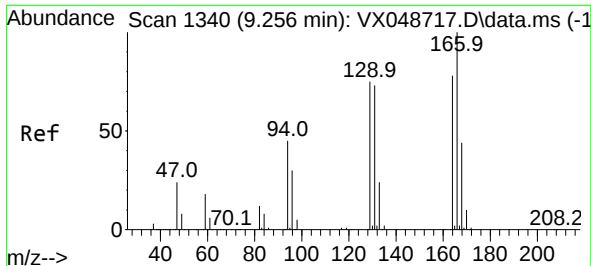
Ion Ratio Lower Upper

117 100

82 55.5 44.1 66.1

119 31.3 25.2 37.8



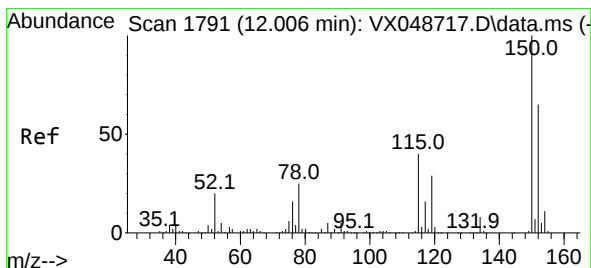
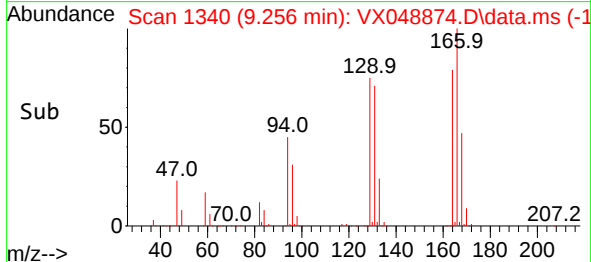
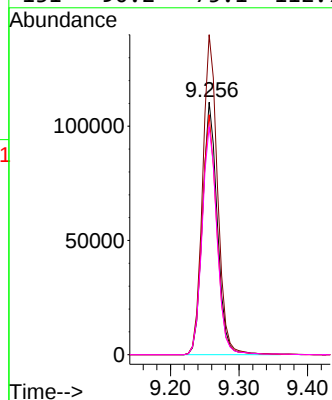
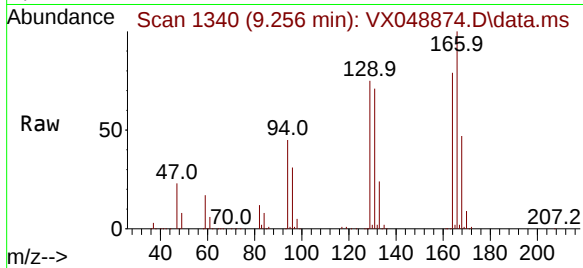


#64
Tetrachloroethene
Concen: 87.487 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048874.D
Acq: 15 Dec 2025 12:52

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

Tgt Ion:164 Resp: 166474

Ion	Ratio	Lower	Upper
164	100		
166	126.8	103.1	154.7
129	95.1	76.9	115.3
131	90.2	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: VX048874.D
Acq: 15 Dec 2025 12:52

Tgt Ion:152 Resp: 115047

Ion	Ratio	Lower	Upper
152	100		
115	58.3	42.1	126.4
150	157.1	0.0	347.8

