

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048873.D
 Acq On : 15 Dec 2025 12:31
 Operator : JC/MD
 Sample : Q3848-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-57.5-121125-FDDL

Quant Time: Dec 16 00:15:00 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)

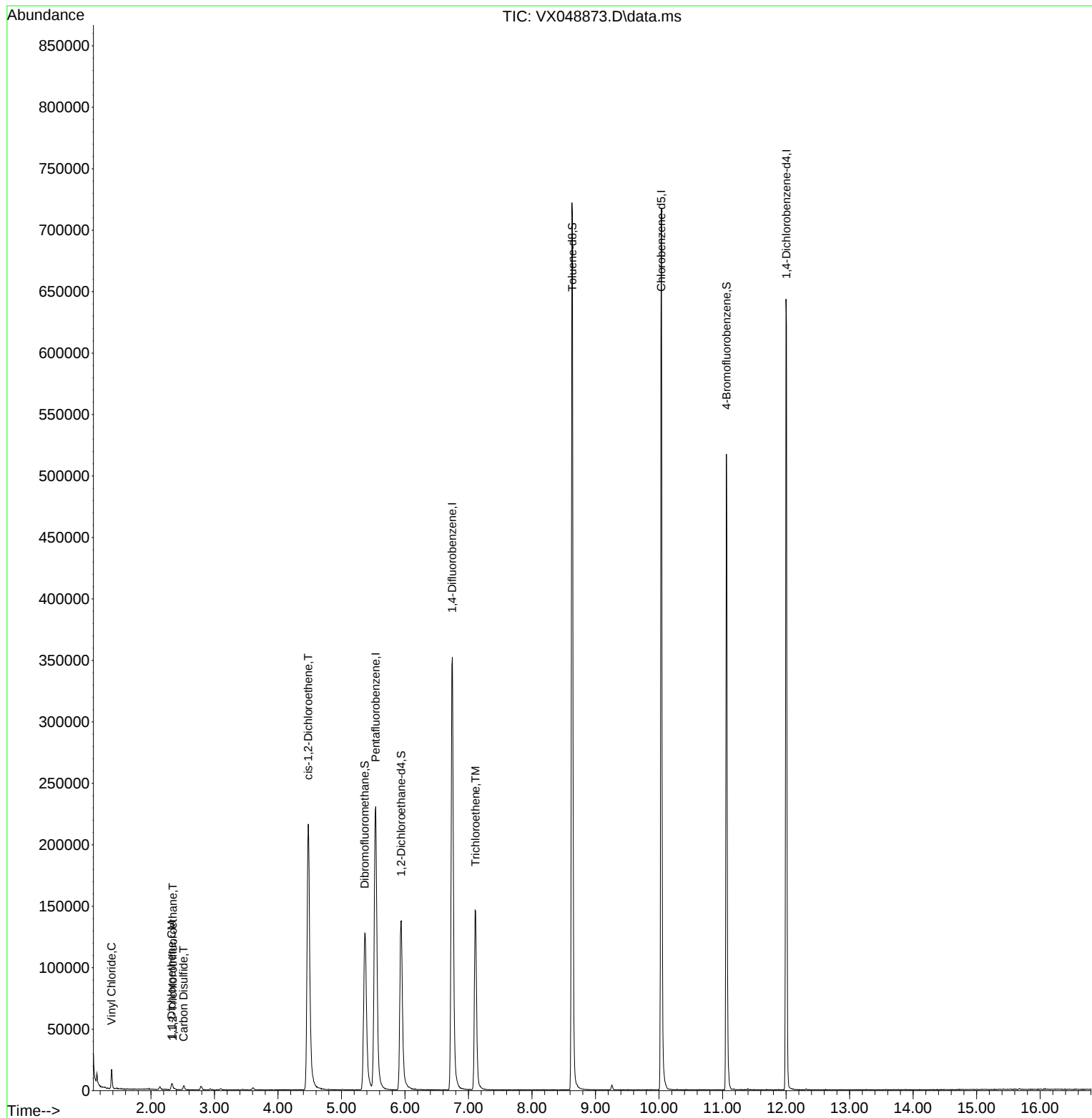
Internal Standards						
1) Pentafluorobenzene	5.538	168	239031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	394109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	342760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	153304	47.785	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.560%		
35) Dibromofluoromethane	5.367	113	128869	47.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.980%		
50) Toluene-d8	8.635	98	466863	49.082	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.160%		
62) 4-Bromofluorobenzene	11.061	95	144396	44.023	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.040%		
Target Compounds						
4) Vinyl Chloride	1.380	62	11073	3.383	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	1379	0.507	ug/l	95
12) 1,1-Dichloroethene	2.325	96	1271	0.458	ug/l #	81
17) Carbon Disulfide	2.514	76	4627	0.574	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	154385	48.295	ug/l	95
44) Trichloroethene	7.111	130	64898	22.574	ug/l	96

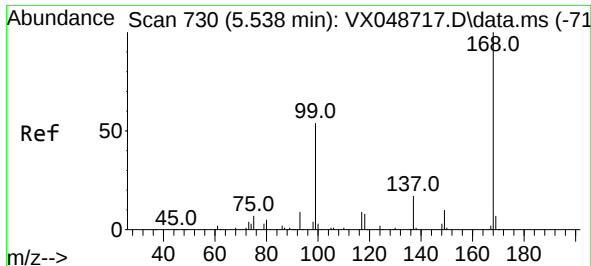
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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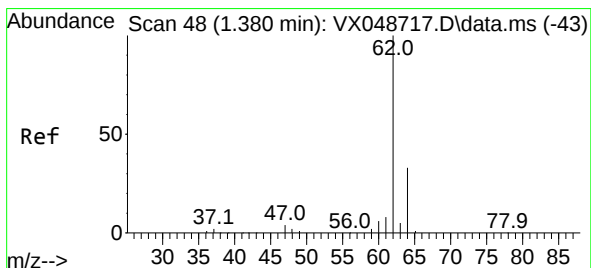
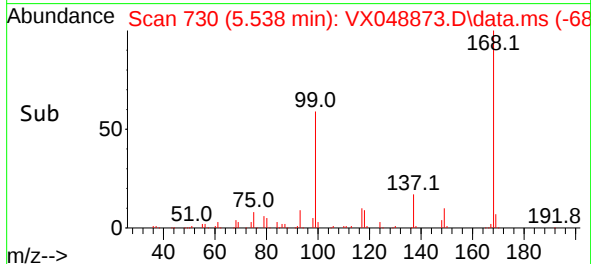
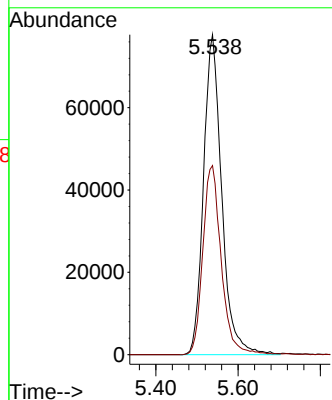
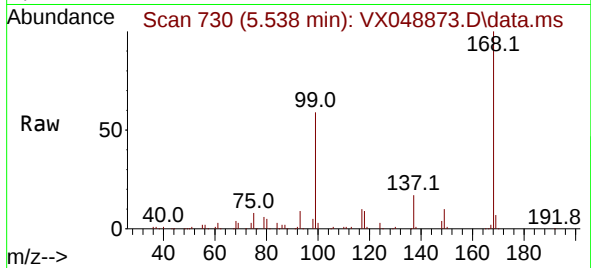




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048873.D
Acq: 15 Dec 2025 12:31

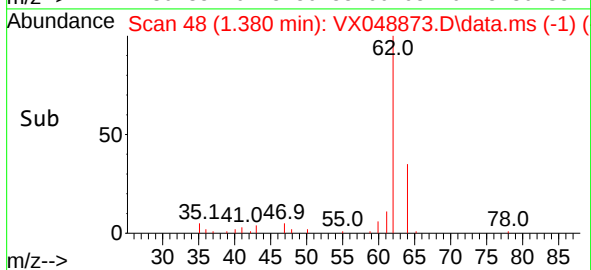
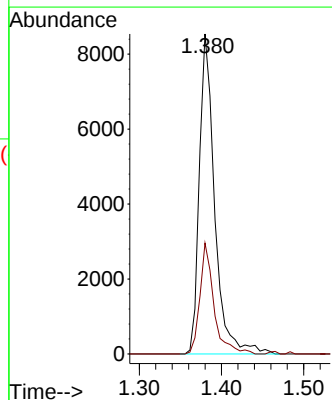
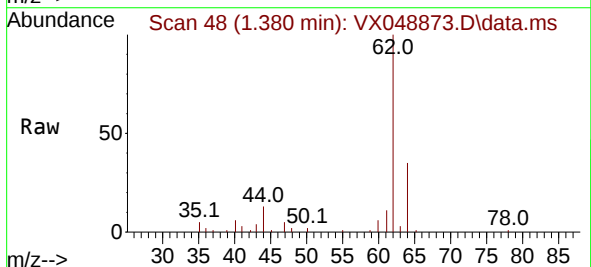
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-57.5-121125-FDDL

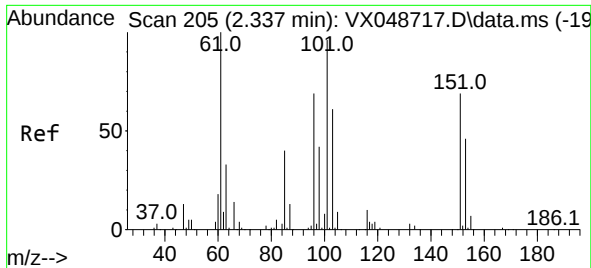
Tgt Ion:168 Resp: 239031
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#4
Vinyl Chloride
Concen: 3.383 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048873.D
Acq: 15 Dec 2025 12:31

Tgt Ion: 62 Resp: 11073
Ion Ratio Lower Upper
62 100
64 34.6 26.0 39.0

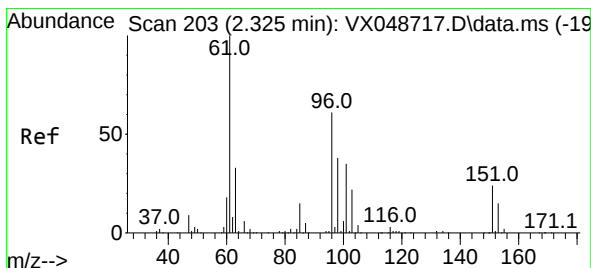
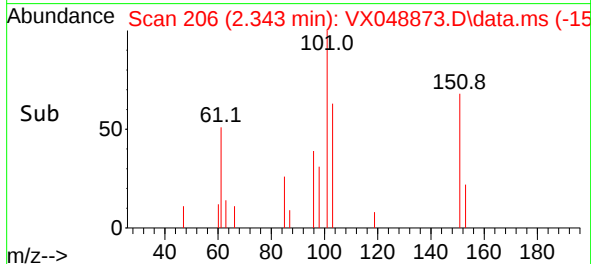
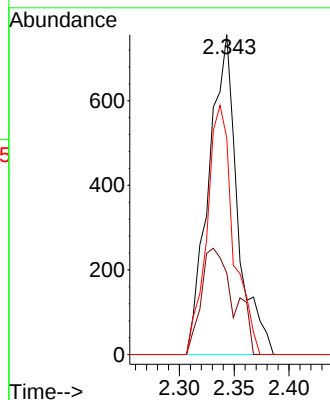
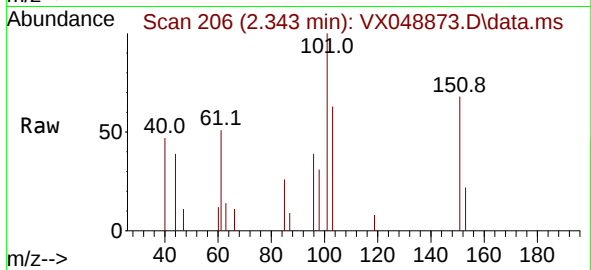




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.507 ug/l
 RT: 2.343 min Scan# 205
 Delta R.T. 0.006 min
 Lab File: VX048873.D
 Acq: 15 Dec 2025 12:31

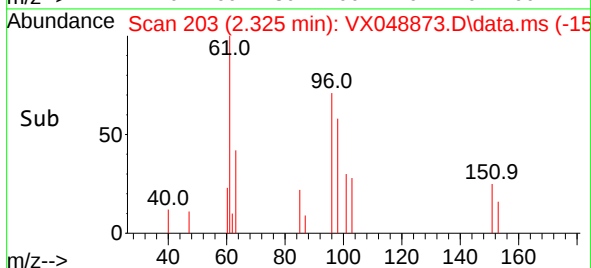
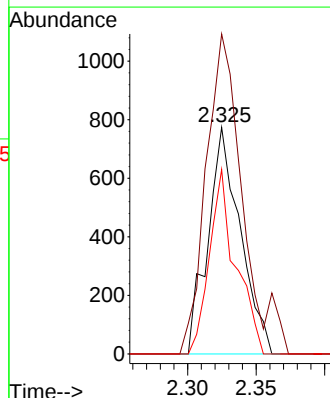
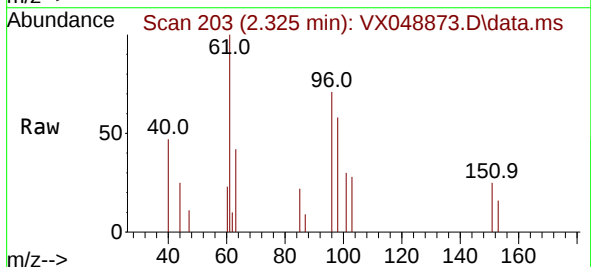
Instrument :
 MSVOA_X
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 MW-18B-57.5-121125-FDDL

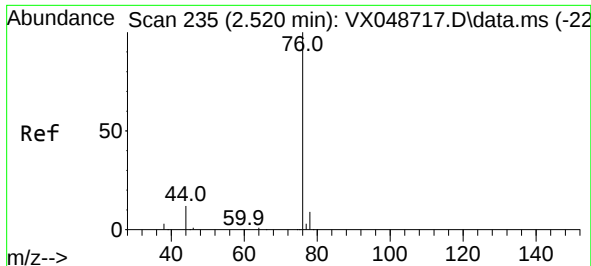
Tgt Ion:101 Resp: 1379
 Ion Ratio Lower Upper
 101 100
 85 37.6 34.2 51.2
 151 72.3 60.2 90.4



#12
 1,1-Dichloroethene
 Concen: 0.458 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.000 min
 Lab File: VX048873.D
 Acq: 15 Dec 2025 12:31

Tgt Ion: 96 Resp: 1271
 Ion Ratio Lower Upper
 96 100
 61 141.2 130.7 196.1
 98 81.4 49.8 74.8#





#17

Carbon Disulfide

Concen: 0.574 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX048873.D

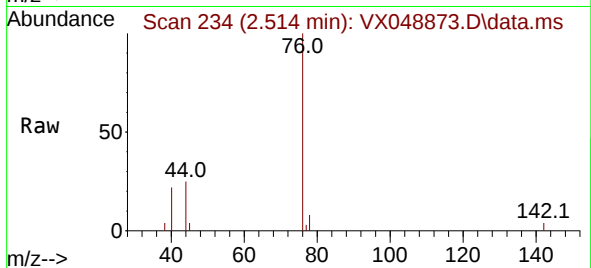
Acq: 15 Dec 2025 12:31

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-57.5-121125-FDDL

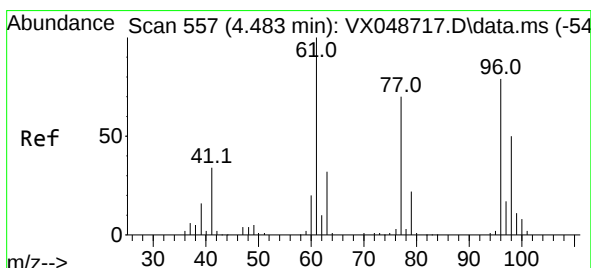
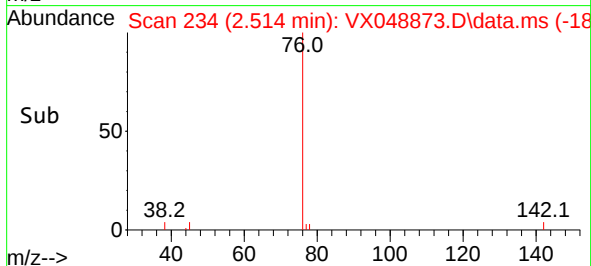
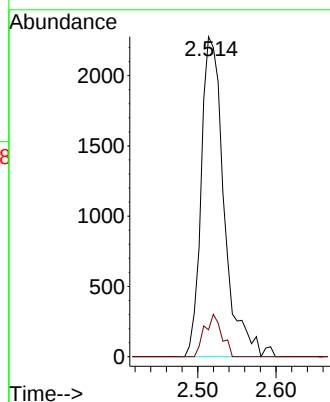


Tgt Ion: 76 Resp: 4627

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.2



#27

cis-1,2-Dichloroethene

Concen: 48.295 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX048873.D

Acq: 15 Dec 2025 12:31

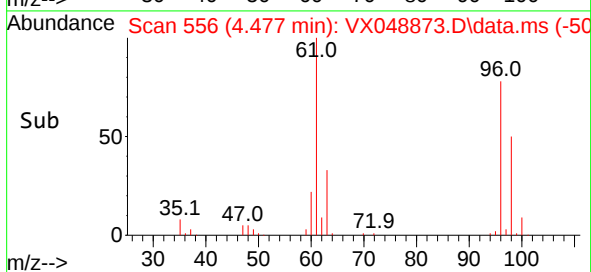
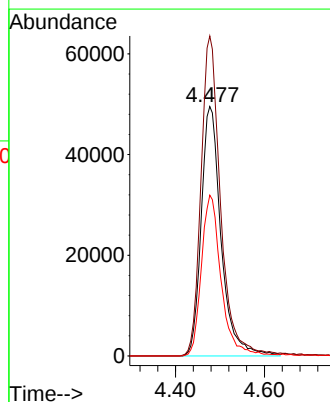
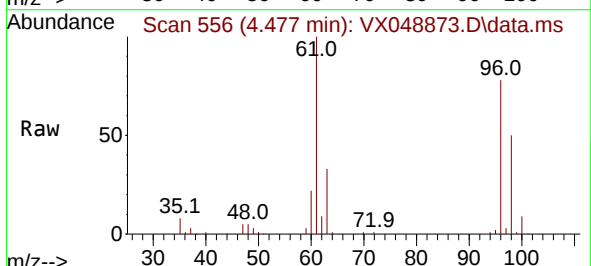
Tgt Ion: 96 Resp: 154385

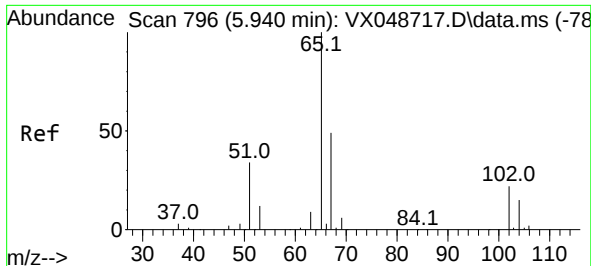
Ion Ratio Lower Upper

96 100

61 126.7 0.0 271.0

98 63.9 0.0 130.2





#33

1,2-Dichloroethane-d4

Concen: 47.785 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048873.D

Acq: 15 Dec 2025 12:31

Instrument :

MSVOA_X

ClientSampleId :

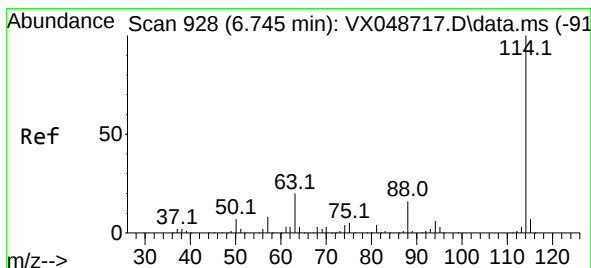
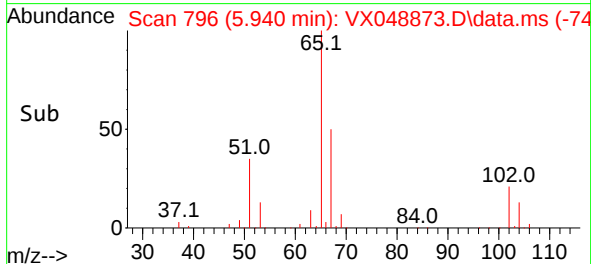
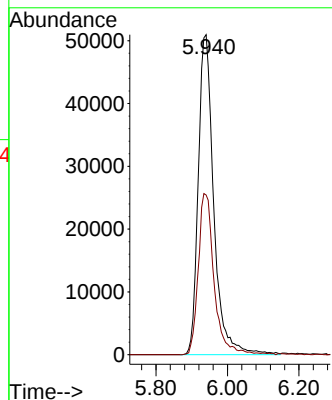
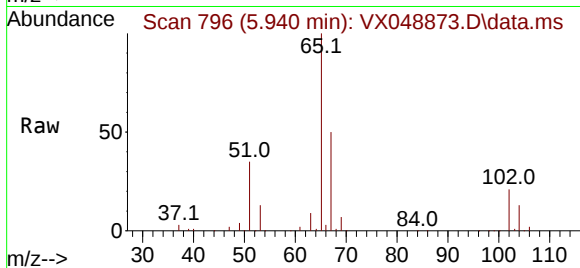
MW-18B-57.5-121125-FDDL

Tgt Ion: 65 Resp: 153304

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048873.D

Acq: 15 Dec 2025 12:31

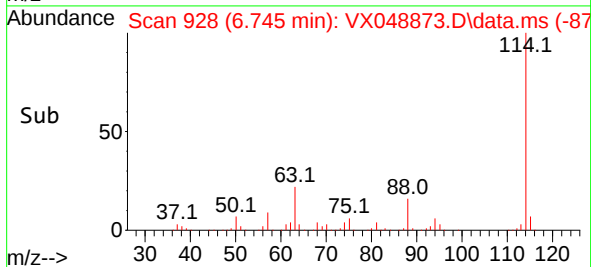
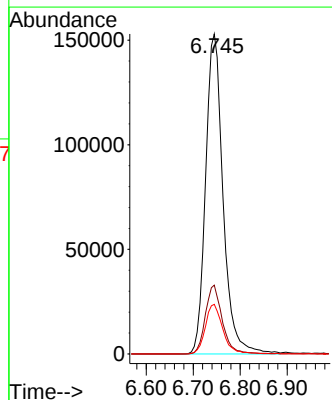
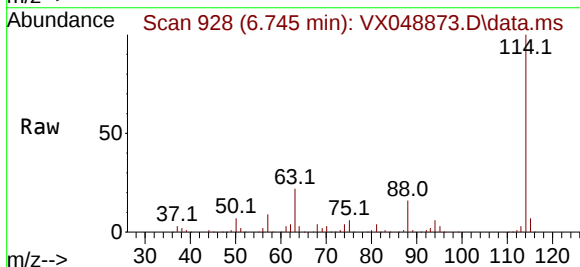
Tgt Ion: 114 Resp: 394109

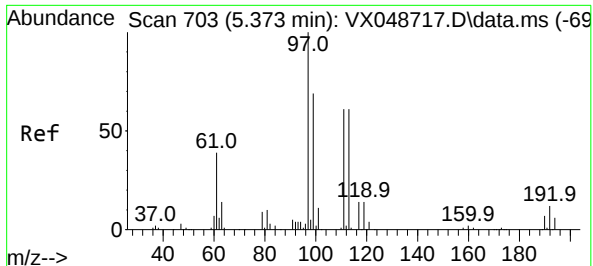
Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.0

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.490 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048873.D

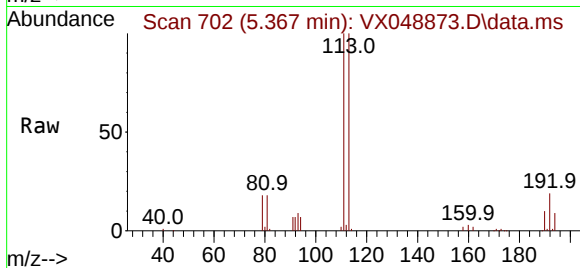
Acq: 15 Dec 2025 12:31

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-57.5-121125-FDDL



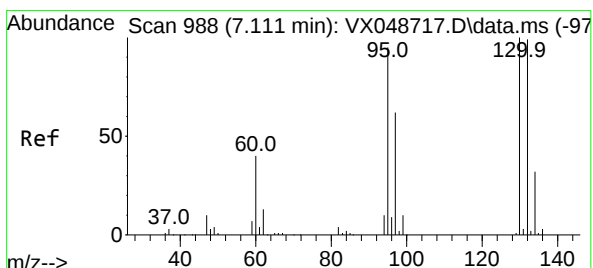
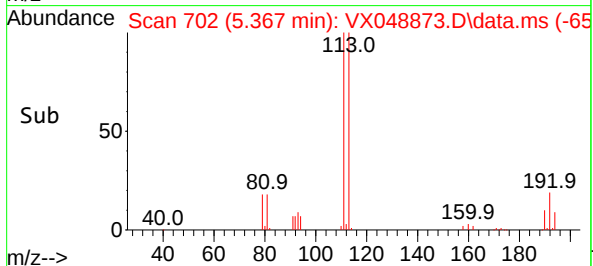
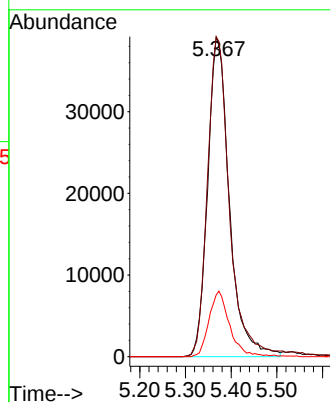
Tgt Ion:113 Resp: 128869

Ion Ratio Lower Upper

113 100

111 102.9 79.5 119.3

192 19.7 16.1 24.1



#44

Trichloroethene

Concen: 22.574 ug/l

RT: 7.111 min Scan# 988

Delta R.T. 0.000 min

Lab File: VX048873.D

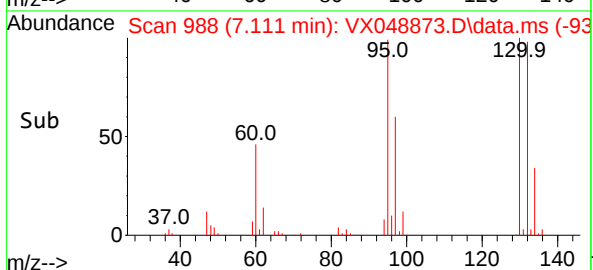
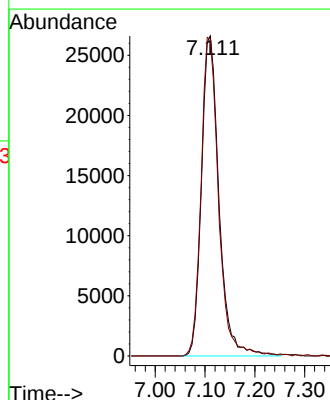
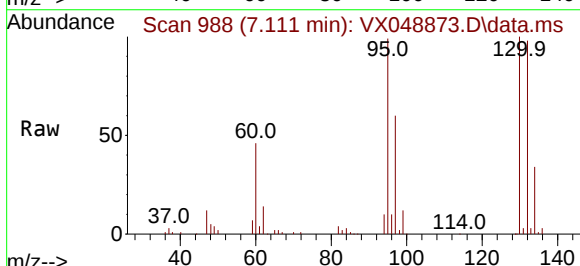
Acq: 15 Dec 2025 12:31

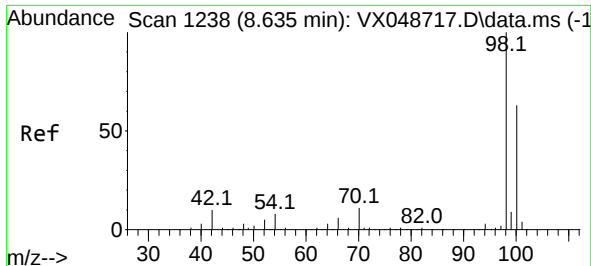
Tgt Ion:130 Resp: 64898

Ion Ratio Lower Upper

130 100

95 99.0 0.0 189.6

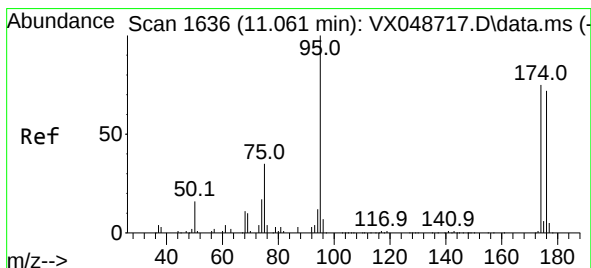
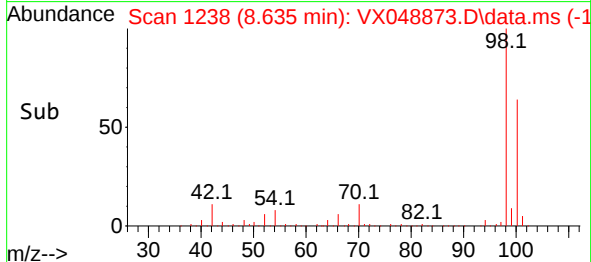
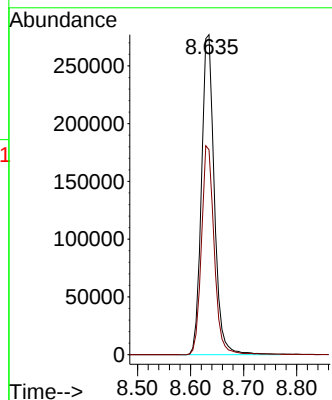
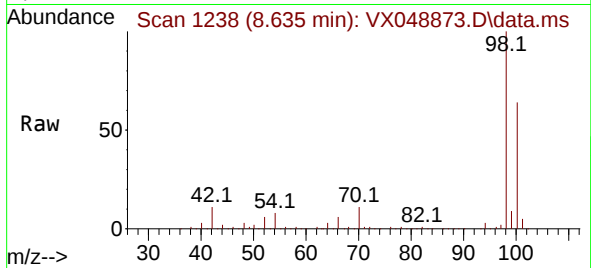




#50
Toluene-d8
Concen: 49.082 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048873.D
Acq: 15 Dec 2025 12:31

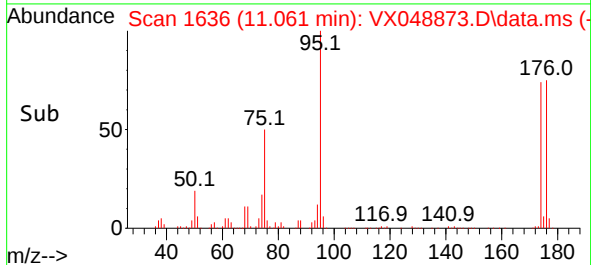
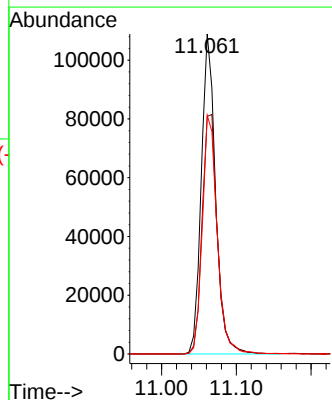
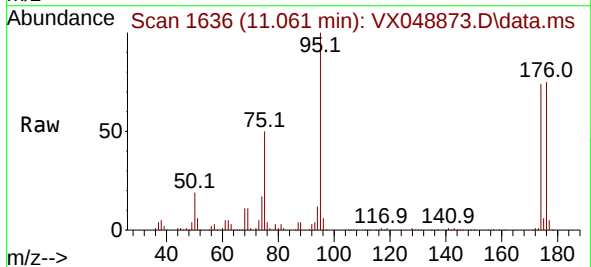
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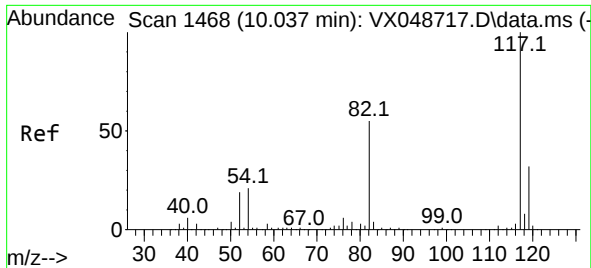
Tgt Ion: 98 Resp: 466863
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 44.023 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048873.D
Acq: 15 Dec 2025 12:31

Tgt Ion: 95 Resp: 144396
Ion Ratio Lower Upper
95 100
174 80.5 0.0 157.8
176 77.5 0.0 154.0

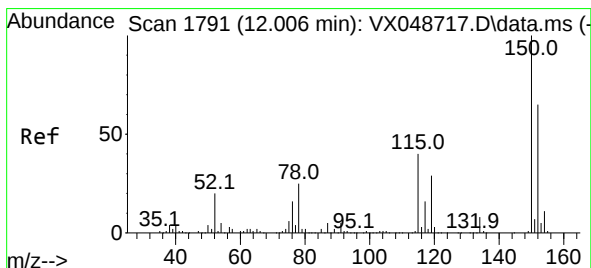
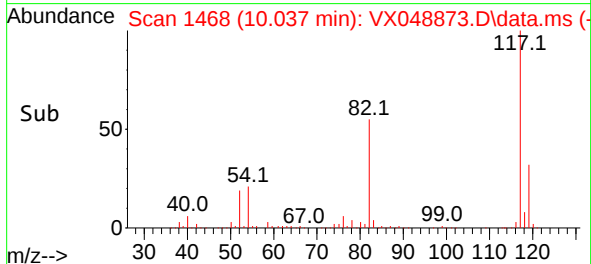
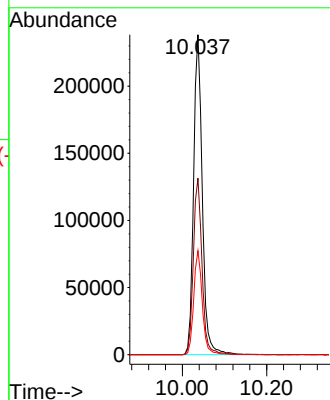
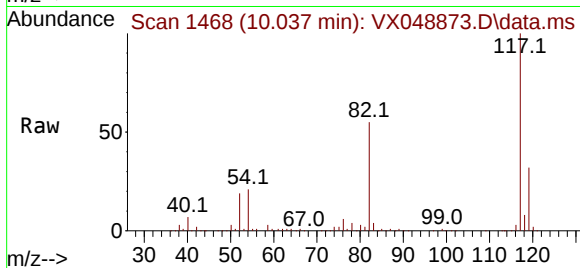




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048873.D
Acq: 15 Dec 2025 12:31

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 342760
Ion Ratio Lower Upper
117 100
82 55.2 44.1 66.1
119 32.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048873.D
Acq: 15 Dec 2025 12:31

Tgt Ion:152 Resp: 142833
Ion Ratio Lower Upper
152 100
115 59.0 42.1 126.4
150 158.2 0.0 347.8

