

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048113.D
 Acq On : 10 Oct 2025 15:34
 Operator : JC/MD
 Sample : Q3311-10DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5BADL

Quant Time: Oct 10 23:50:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

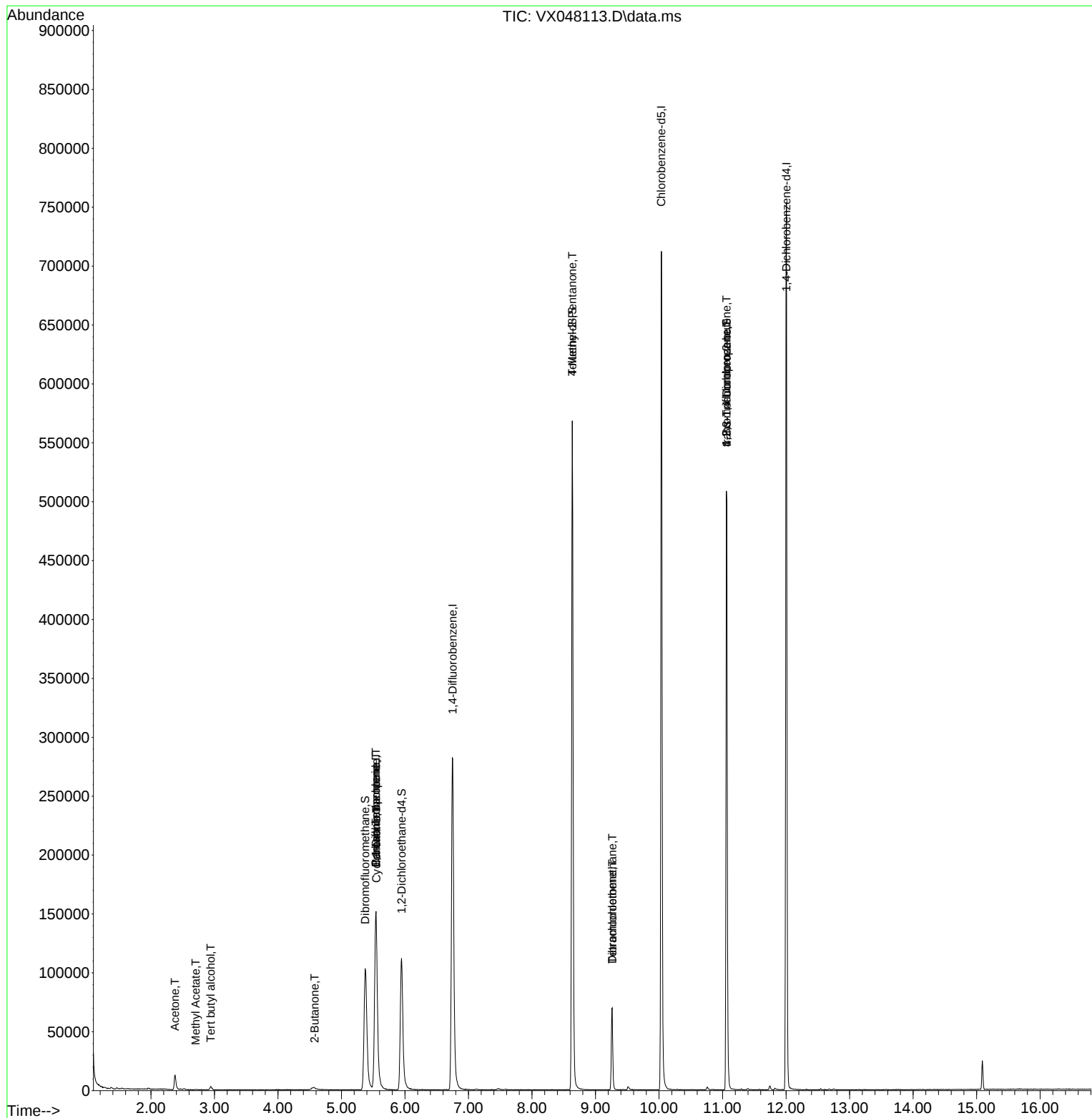
Internal Standards						
1) Pentafluorobenzene	5.544	168	149372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	307660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	317369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	155280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	121658	51.168	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.340%
35) Dibromofluoromethane	5.373	113	101519	49.201	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.400%
50) Toluene-d8	8.634	98	348904	48.869	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.061	95	149717	55.254	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1590	6.004	ug/l #	72
16) Acetone	2.380	43	16675	16.130	ug/l	97
18) Methyl Acetate	2.703	43	463	0.201	ug/l #	64
25) 2-Butanone	4.574	43	2409	1.868	ug/l	100
31) Cyclohexane	5.550	56	3516	1.119	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	13054	4.330	ug/l #	51
38) Carbon Tetrachloride	5.544	117	16458	5.024	ug/l #	18
51) 4-Methyl-2-Pentanone	8.634	43	1784	0.608	ug/l #	1
60) Dibromochloromethane	9.262	129	13571	5.414	ug/l #	11
64) Tetrachloroethene	9.262	164	13666	6.605	ug/l	95
76) 1,2,3-Trichloropropane	11.061	75	77964	24.798	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	77964	63.239	ug/l #	8

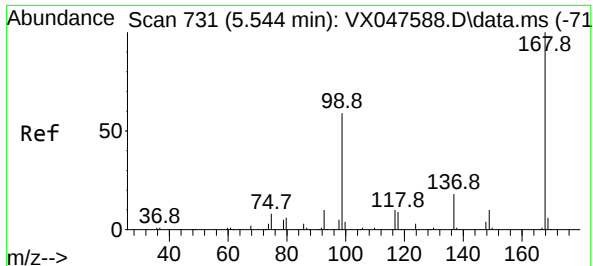
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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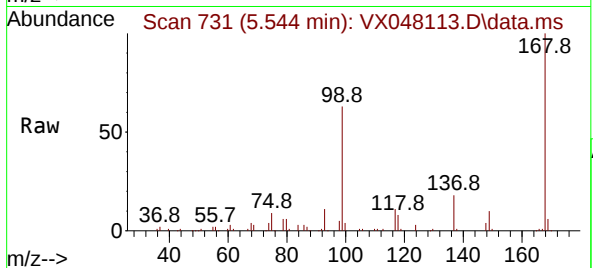
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



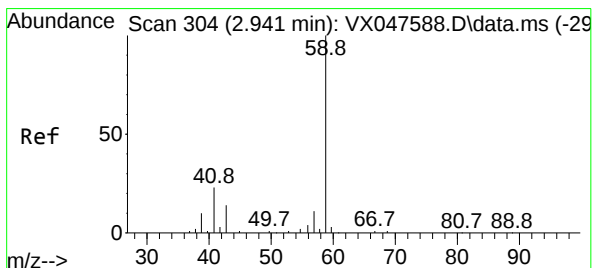
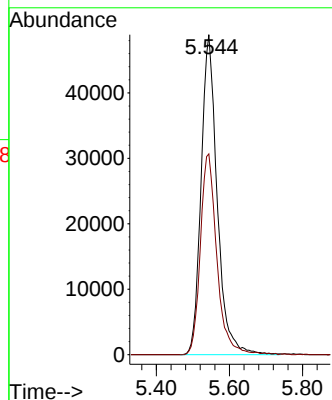
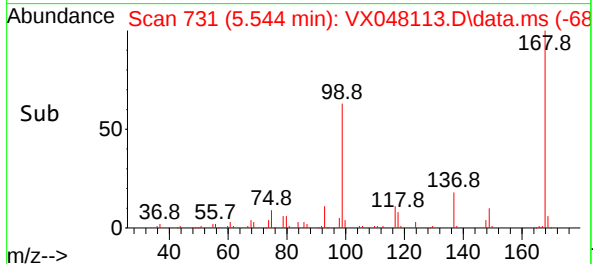


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

Instrument :
MSVOA_X
ClientSampleId :
MW-5BADL

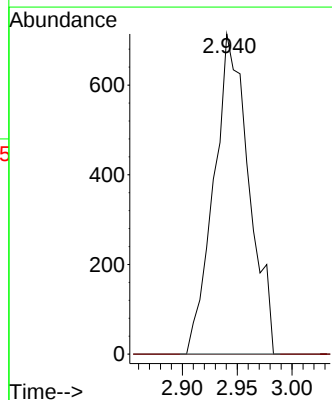
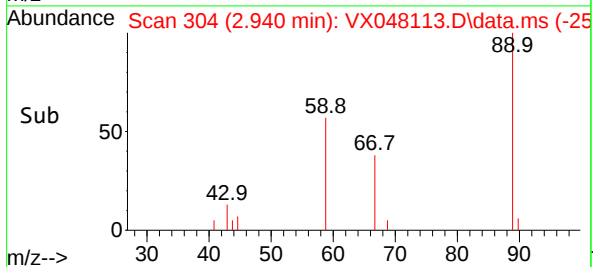
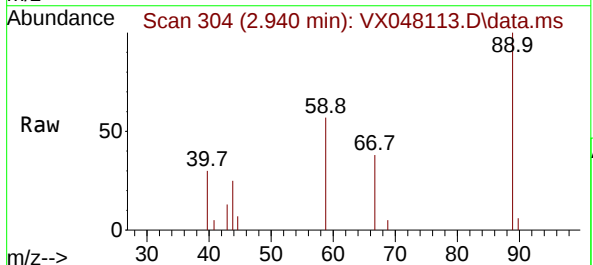


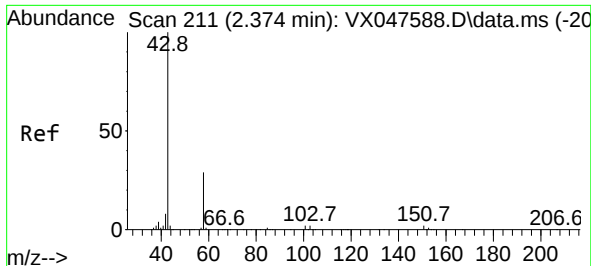
Tgt Ion:168 Resp: 149372
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#11
Tert butyl alcohol
Concen: 6.004 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

Tgt Ion: 59 Resp: 1590
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

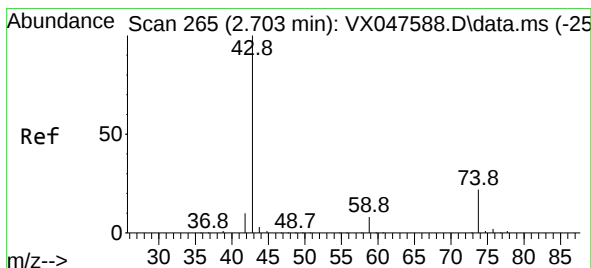
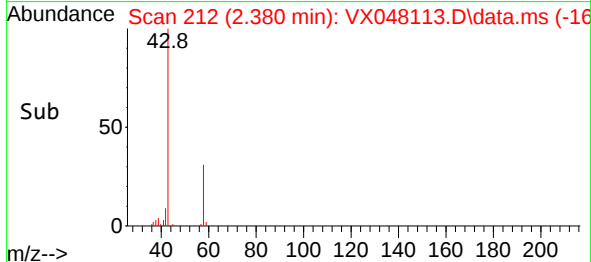
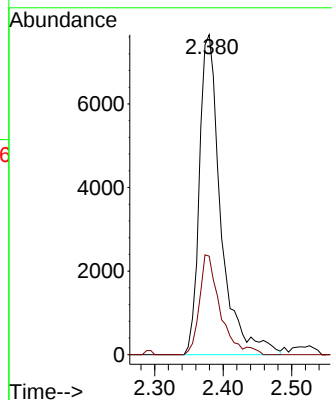
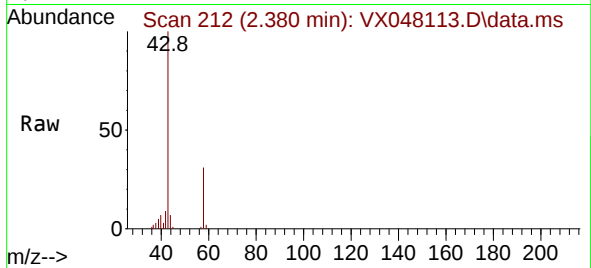




#16
Acetone
Concen: 16.130 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

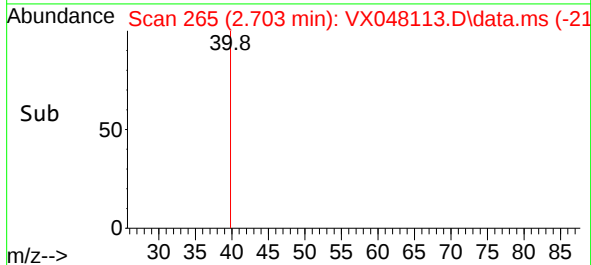
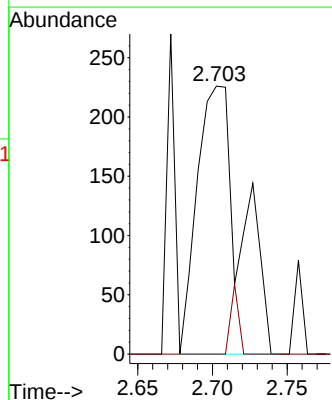
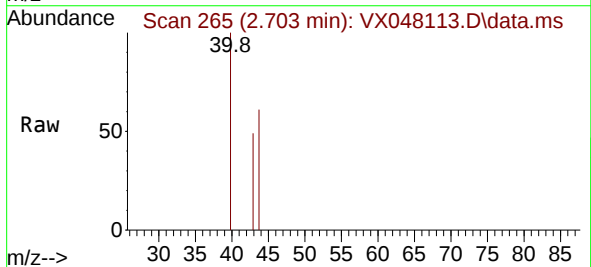
Instrument :
MSVOA_X
ClientSampleId :
MW-5BADL

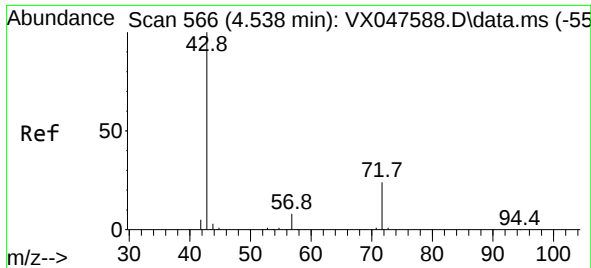
Tgt Ion: 43 Resp: 16675
Ion Ratio Lower Upper
43 100
58 30.8 23.4 35.0



#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
74 4.8 17.4 26.2#

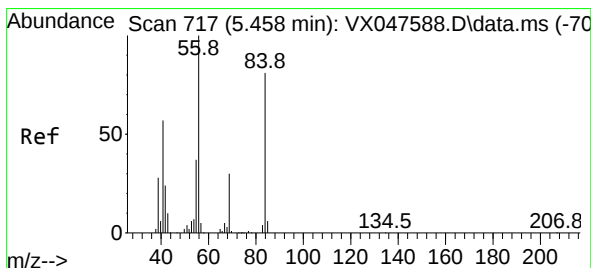
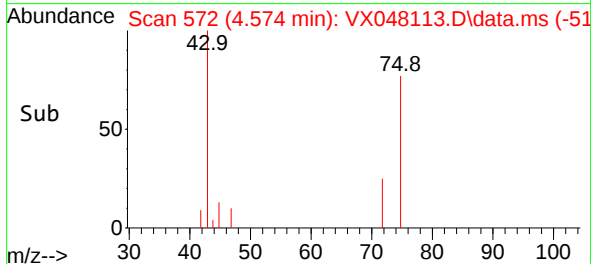
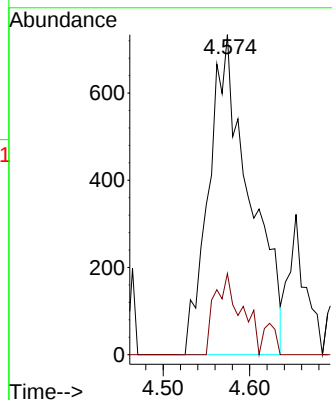
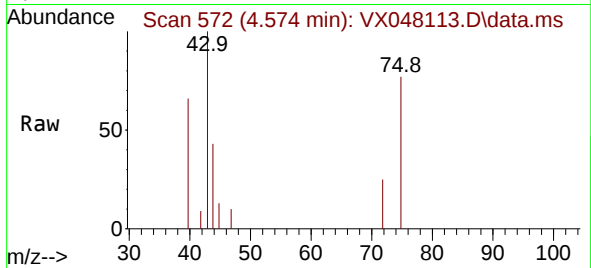




#25
2-Butanone
Concen: 1.868 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

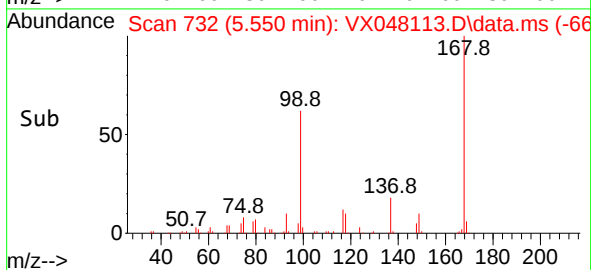
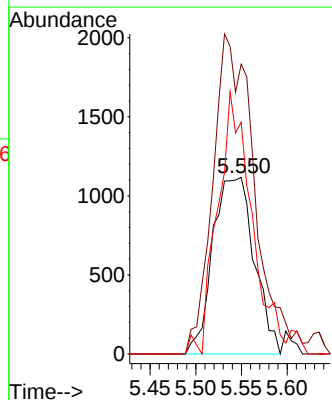
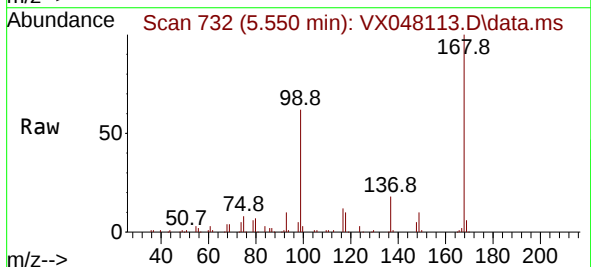
Instrument :
MSVOA_X
ClientSampleId :
MW-5BADL

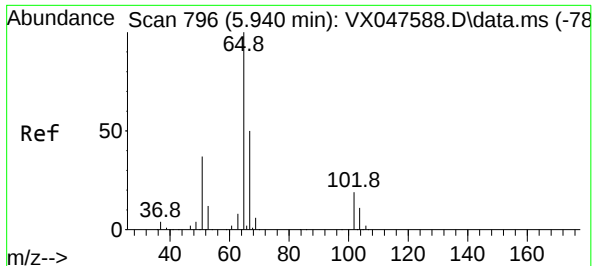
Tgt Ion: 43 Resp: 2409
Ion Ratio Lower Upper
43 100
72 25.3 20.1 30.1



#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

Tgt Ion: 56 Resp: 3516
Ion Ratio Lower Upper
56 100
69 164.1 23.8 35.8#
84 131.2 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 51.168 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048113.D

Acq: 10 Oct 2025 15:34

Instrument :

MSVOA_X

ClientSampleId :

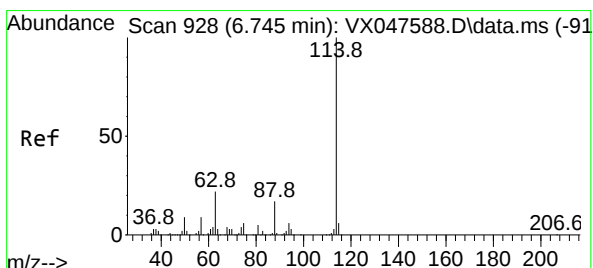
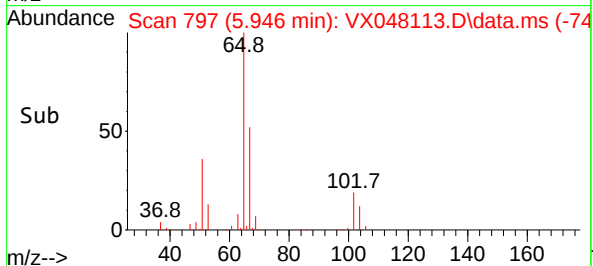
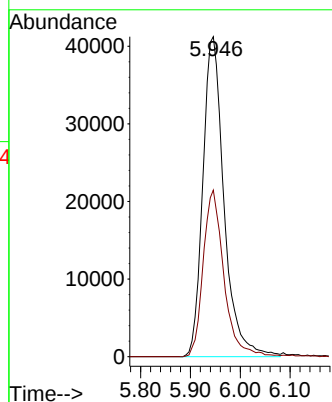
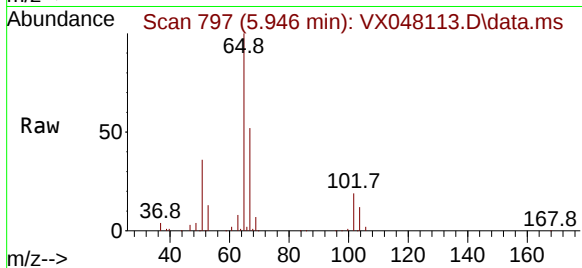
MW-5BADL

Tgt Ion: 65 Resp: 121658

Ion Ratio Lower Upper

65 100

67 51.0 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: VX048113.D

Acq: 10 Oct 2025 15:34

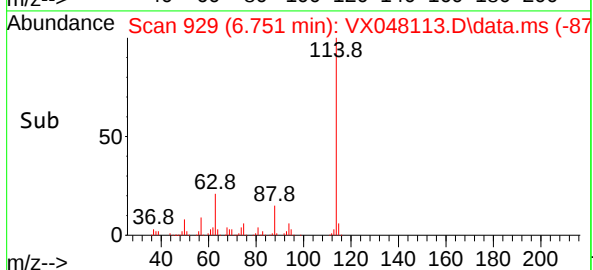
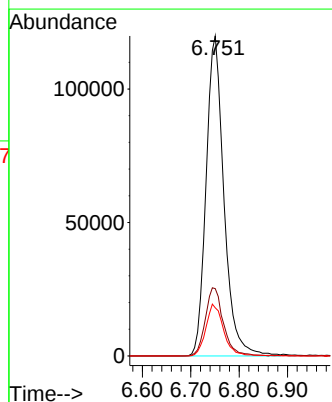
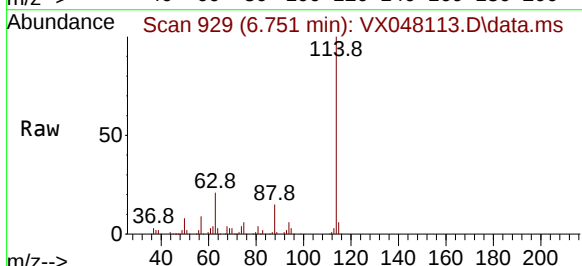
Tgt Ion: 114 Resp: 307660

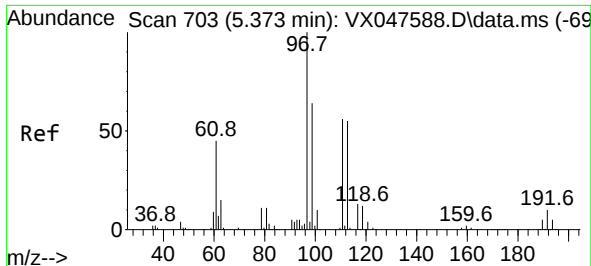
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 15.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.201 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048113.D

Acq: 10 Oct 2025 15:34

Instrument :

MSVOA_X

ClientSampleId :

MW-5BADL

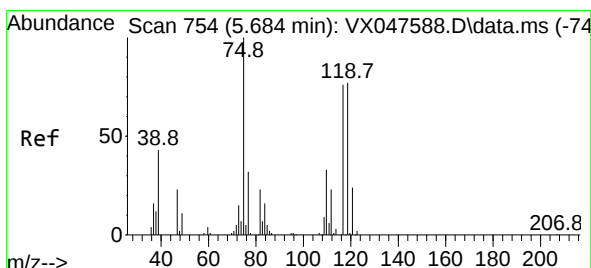
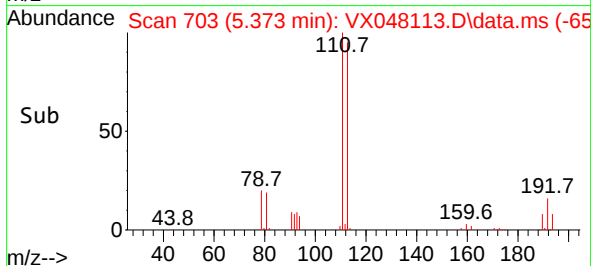
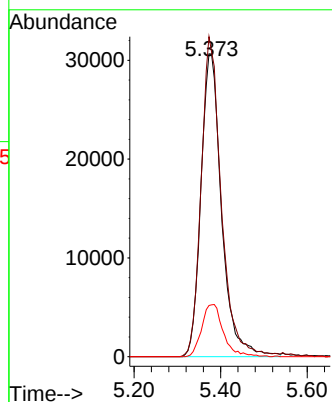
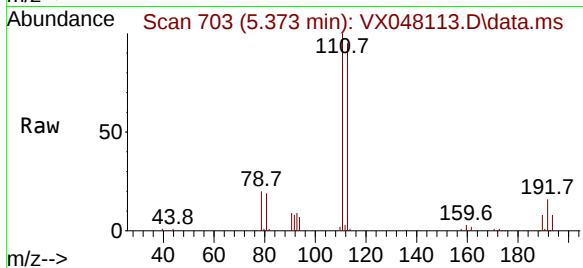
Tgt Ion:113 Resp: 101519

Ion Ratio Lower Upper

113 100

111 103.2 80.9 121.3

192 18.1 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.330 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX048113.D

Acq: 10 Oct 2025 15:34

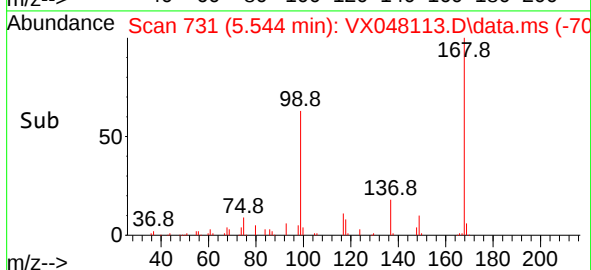
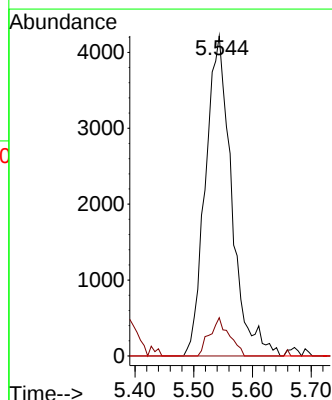
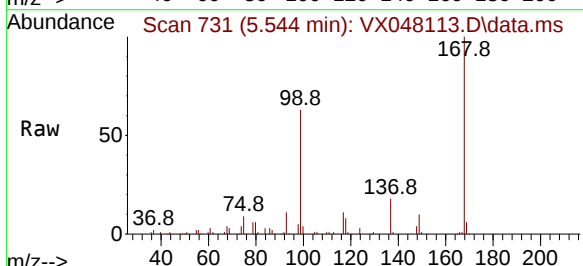
Tgt Ion: 75 Resp: 13054

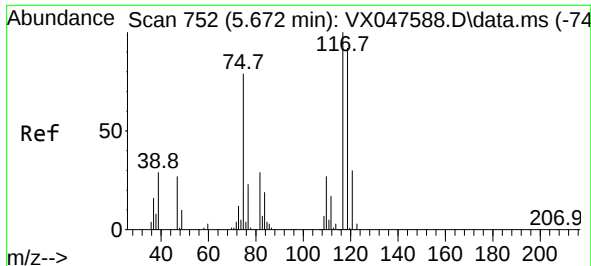
Ion Ratio Lower Upper

75 100

110 9.0 16.7 50.1#

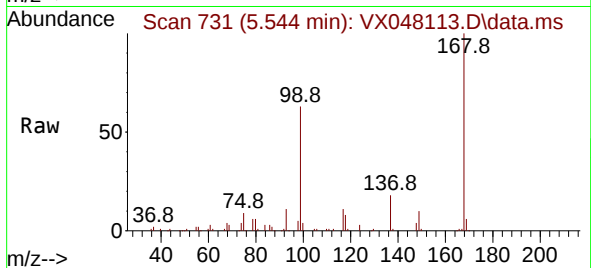
77 0.0 24.3 36.5#



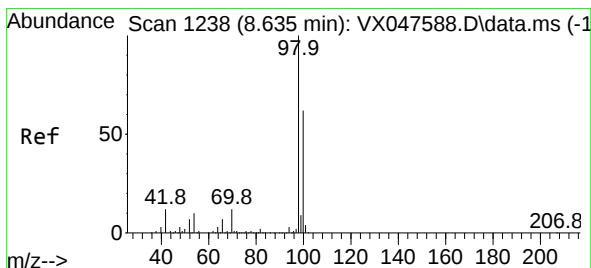
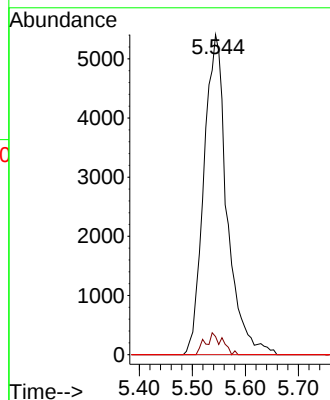
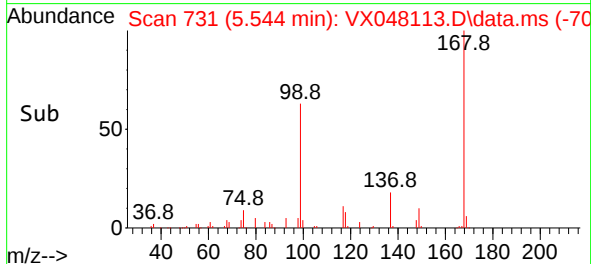


#38
Carbon Tetrachloride
Concen: 5.024 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

Instrument :
MSVOA_X
ClientSampleId :
MW-5BADL

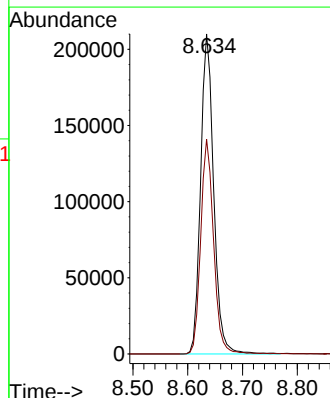
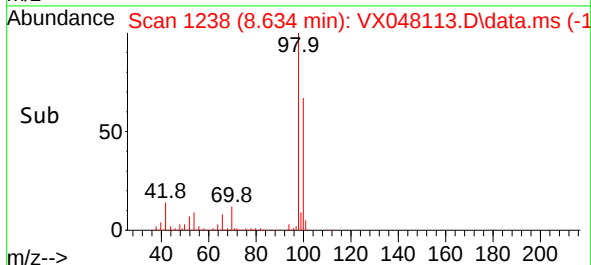
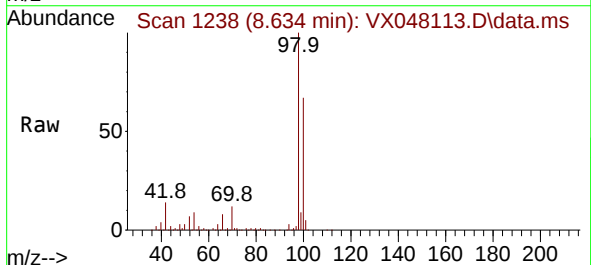


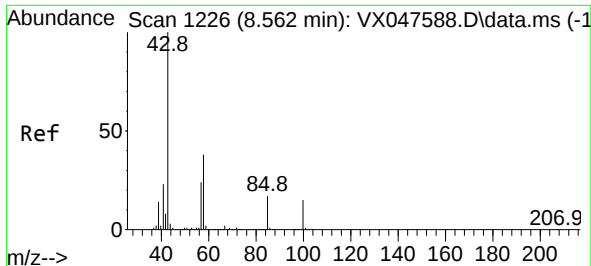
Tgt Ion:117 Resp: 16458
Ion Ratio Lower Upper
117 100
119 5.7 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.869 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

Tgt Ion: 98 Resp: 348904
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

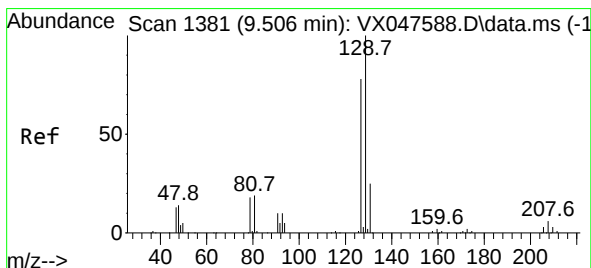
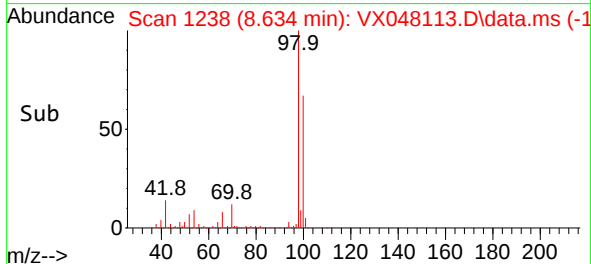
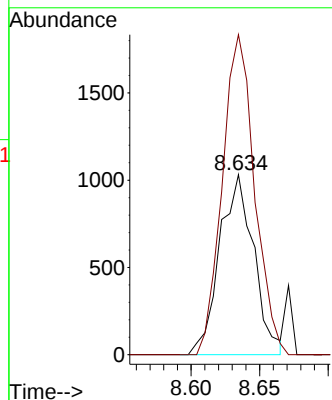
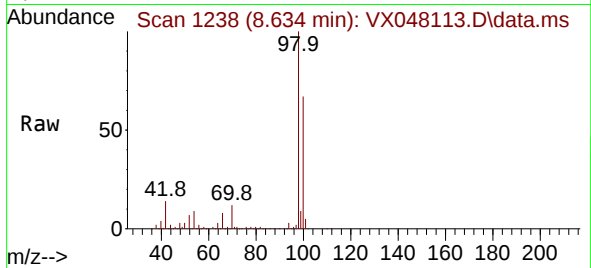




#51
4-Methyl-2-Pentanone
Concen: 0.608 ug/l
RT: 8.634 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

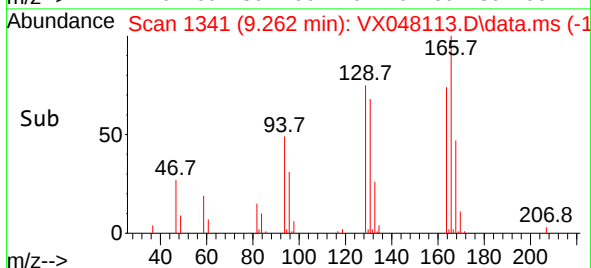
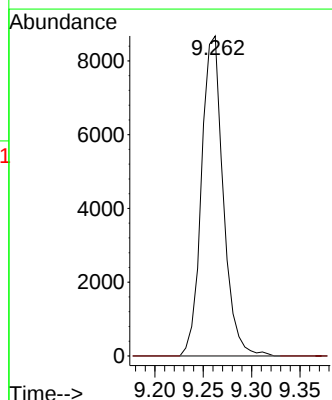
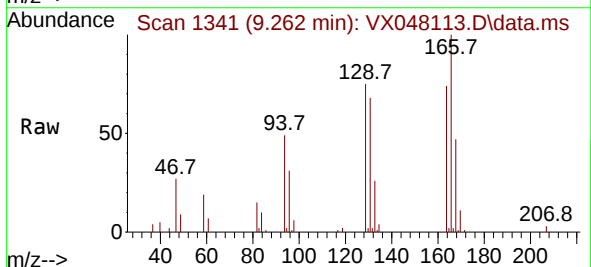
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MSVOA_X
ClientSampleId :
MW-5BADL

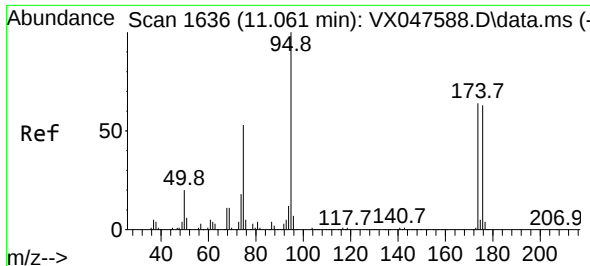
Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
58 168.4 30.3 45.5#



#60
Dibromochloromethane
Concen: 5.414 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. -0.244 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

Tgt Ion: 129 Resp: 13571
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

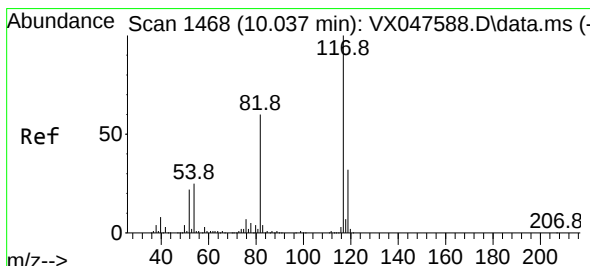
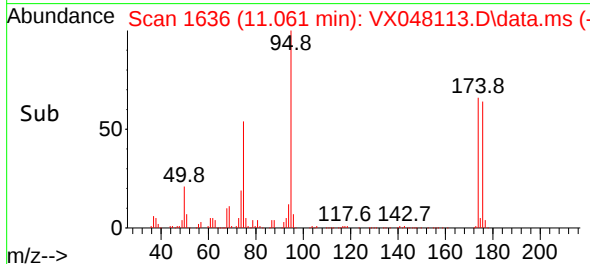
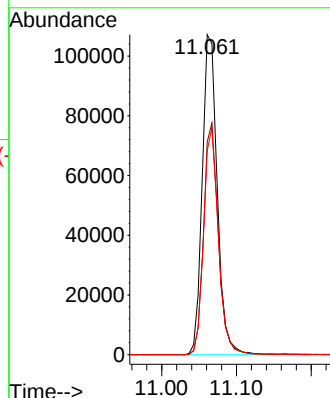
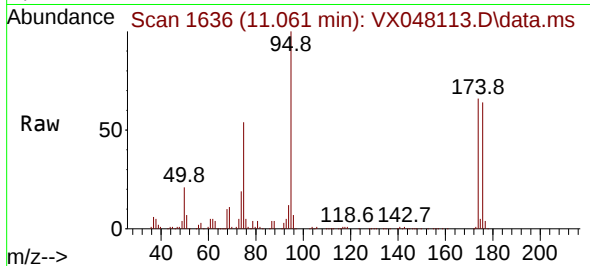




#62
4-Bromofluorobenzene
Concen: 55.254 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

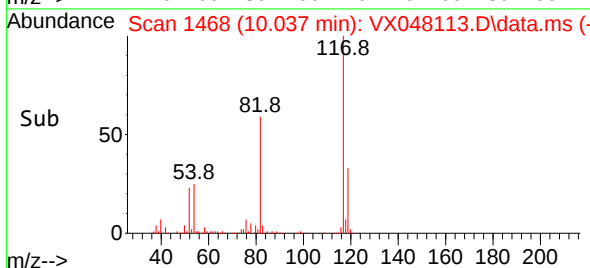
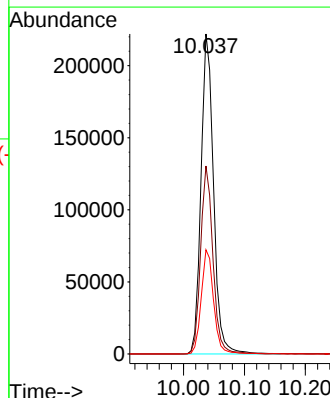
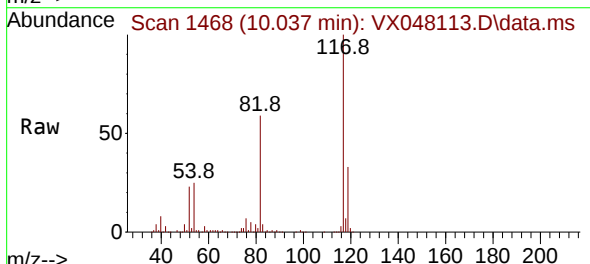
Instrument :
MSVOA_X
ClientSampleId :
MW-5BADL

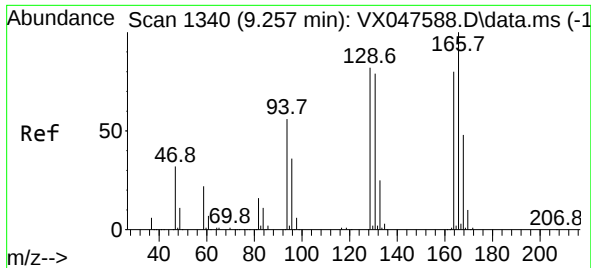
Tgt Ion: 95 Resp: 149717
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.6
176 69.6 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

Tgt Ion: 117 Resp: 317369
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.6
119 32.5 25.2 37.8

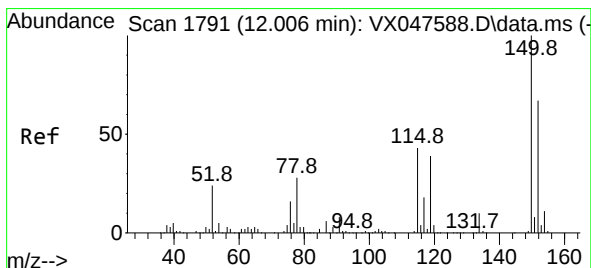
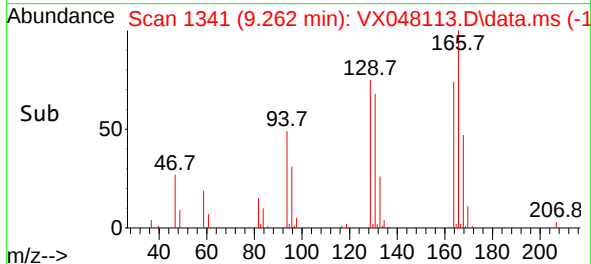
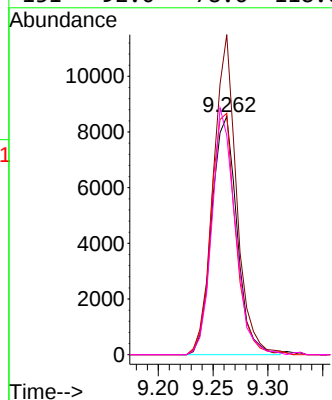
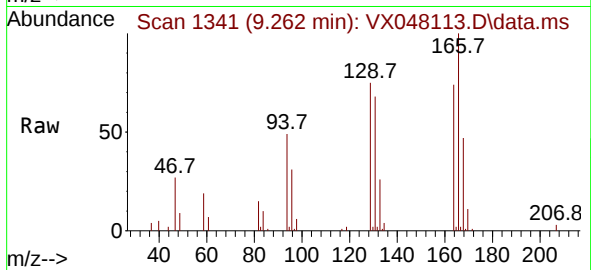




#64
Tetrachloroethene
Concen: 6.605 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

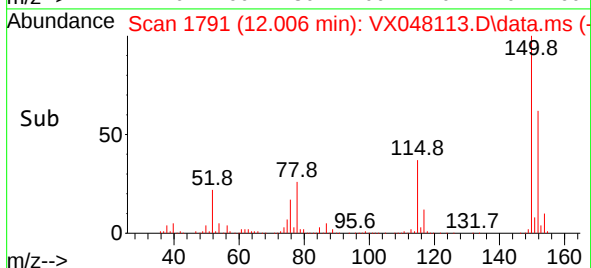
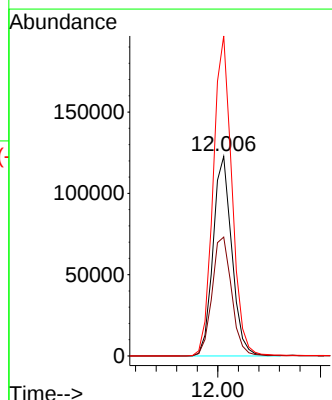
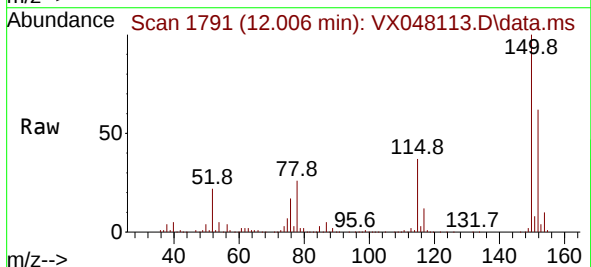
Instrument :
MSVOA_X
ClientSampleId :
MW-5BADL

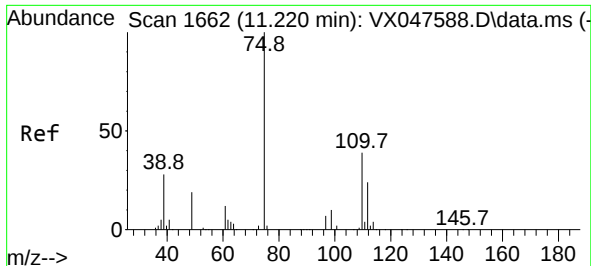
Tgt Ion:164	Resp:	13666
Ion	Ratio	Lower Upper
164	100	
166	134.3	100.2 150.2
129	101.4	81.8 122.6
131	92.0	78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

Tgt Ion:152	Resp:	155280
Ion	Ratio	Lower Upper
152	100	
115	62.2	44.9 134.5
150	160.9	0.0 352.0

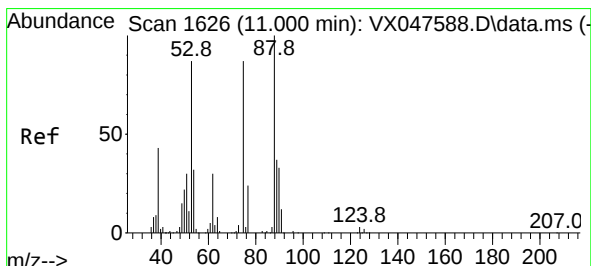
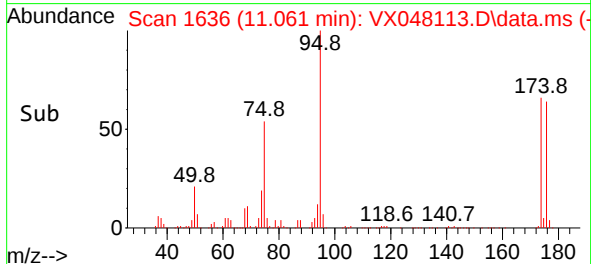
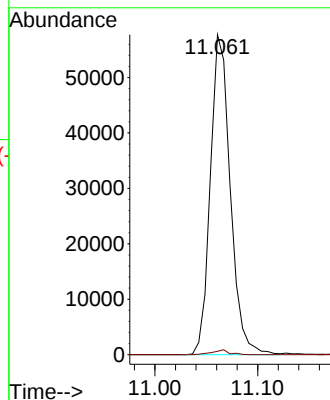
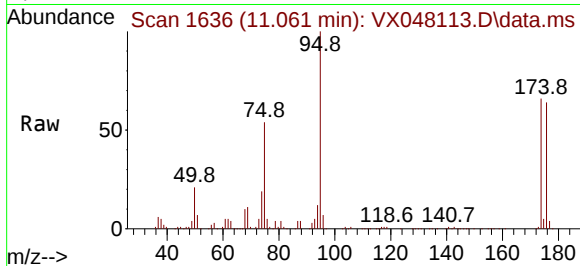




#76
1,2,3-Trichloropropane
Concen: 24.798 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

Instrument :
MSVOA_X
ClientSampleId :
MW-5BADL

Tgt Ion: 75 Resp: 77964
Ion Ratio Lower Upper
75 100
77 1.3 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.239 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048113.D
Acq: 10 Oct 2025 15:34

Tgt Ion: 75 Resp: 77964
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

