

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048119.D
 Acq On : 10 Oct 2025 17:37
 Operator : JC/MD
 Sample : Q3311-11 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6BA

Quant Time: Oct 10 23:52:52 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)

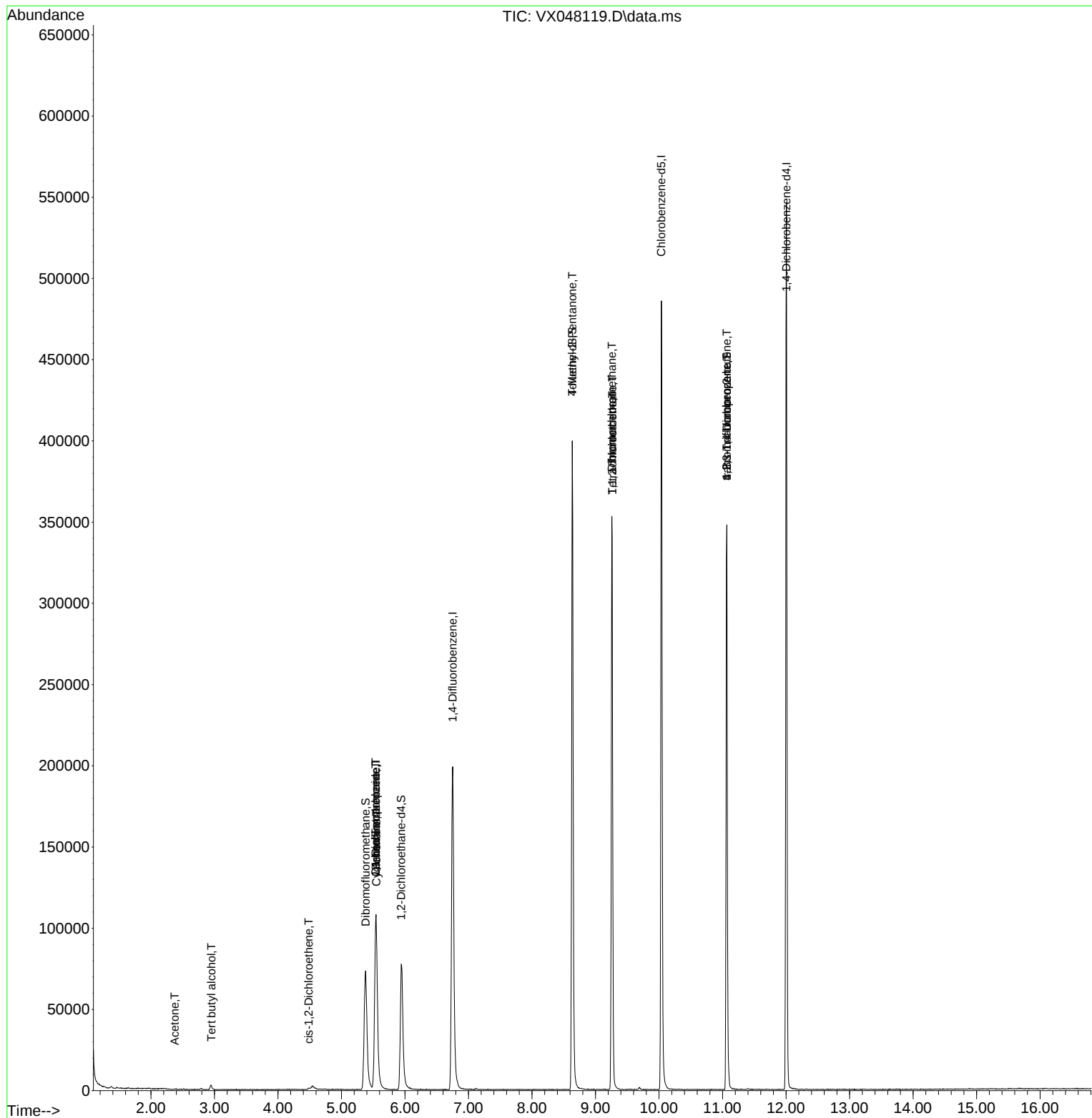
Internal Standards						
1) Pentafluorobenzene	5.544	168	106376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	218035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	223748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	84165	49.707	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.420%		
35) Dibromofluoromethane	5.379	113	70465	48.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.380%		
50) Toluene-d8	8.635	98	241021	47.635	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.280%		
62) 4-Bromofluorobenzene	11.067	95	101113	52.656	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.320%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	1250	6.628	ug/l #	72
16) Acetone	2.374	43	454	0.617	ug/l #	45
27) cis-1,2-Dichloroethene	4.483	96	541	0.325	ug/l	77
31) Cyclohexane	5.550	56	2354	1.052	ug/l #	2
36) 1,1-Dichloropropene	5.538	75	9522	4.456	ug/l #	50
38) Carbon Tetrachloride	5.538	117	11710	5.044	ug/l #	18
51) 4-Methyl-2-Pentanone	8.635	43	1025	0.493	ug/l #	1
55) 1,1,2-Trichloroethane	9.263	97	703	0.456	ug/l #	36
60) Dibromochloromethane	9.256	129	66302	37.323	ug/l #	11
64) Tetrachloroethene	9.263	164	66891	45.860	ug/l	96
76) 1,2,3-Trichloropropane	11.067	75	53691	24.202	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.067	75	53691	61.719	ug/l #	8

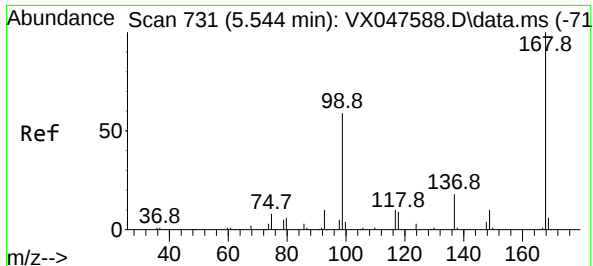
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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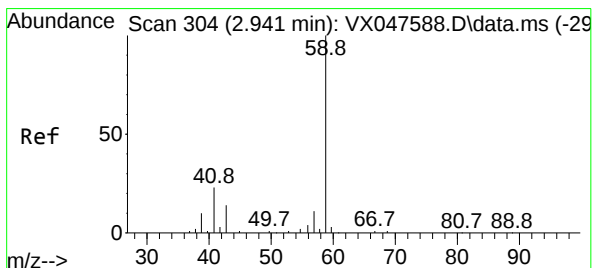
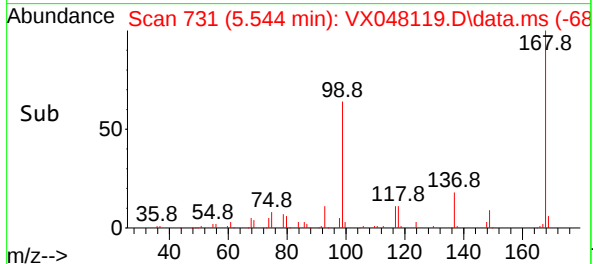
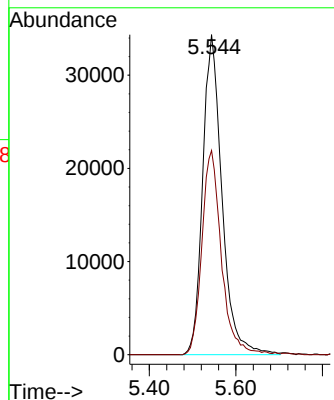
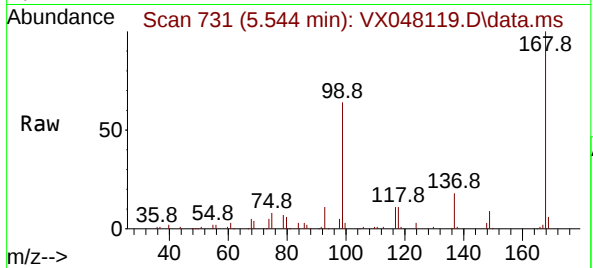




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

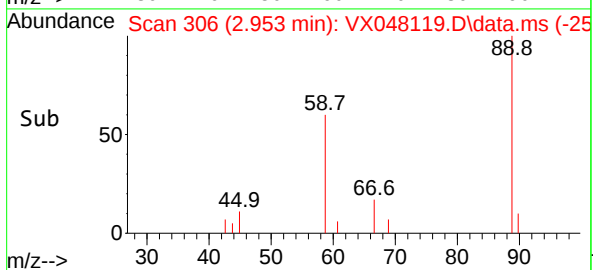
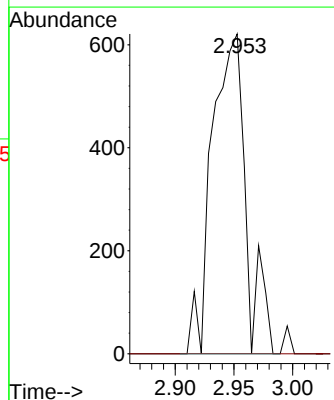
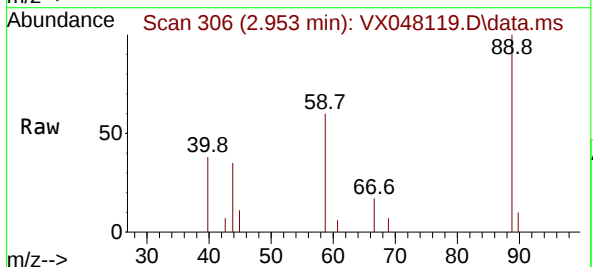
Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

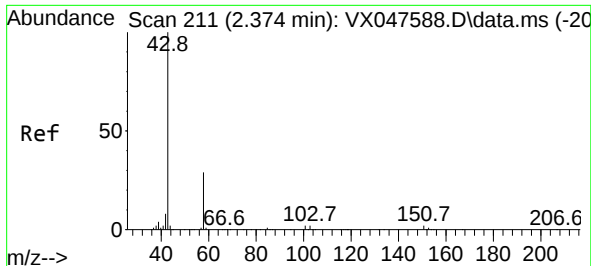
Tgt Ion:168 Resp: 106376
Ion Ratio Lower Upper
168 100
99 63.8 48.8 73.2



#11
Tert butyl alcohol
Concen: 6.628 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion: 59 Resp: 1250
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 0.617 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048119.D

Acq: 10 Oct 2025 17:37

Instrument :

MSVOA_X

ClientSampleId :

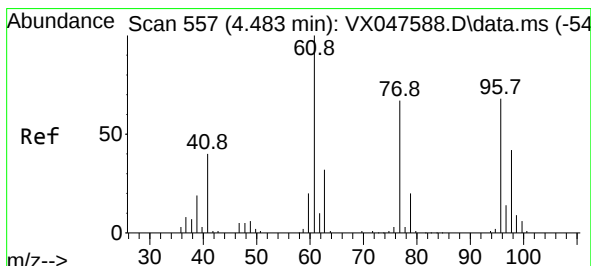
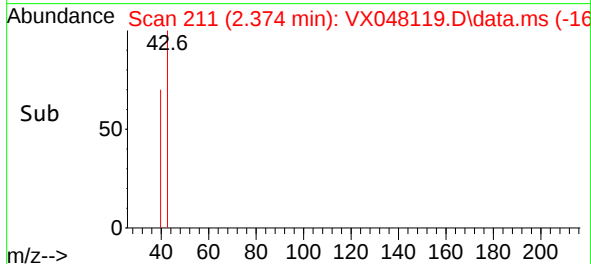
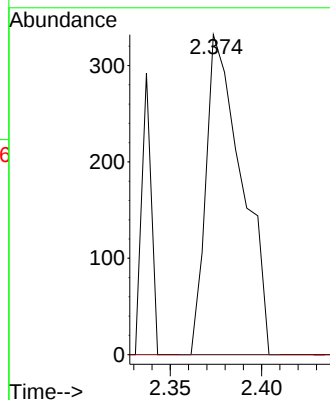
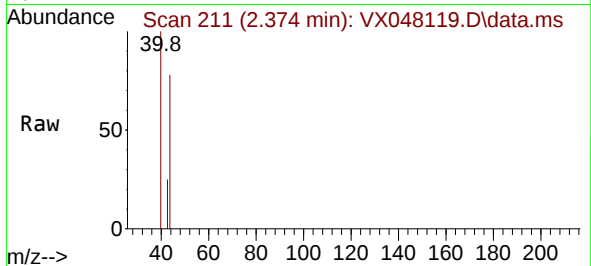
MW-6BA

Tgt Ion: 43 Resp: 454

Ion Ratio Lower Upper

43 100

58 0.0 23.4 35.0#



#27

cis-1,2-Dichloroethene

Concen: 0.325 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048119.D

Acq: 10 Oct 2025 17:37

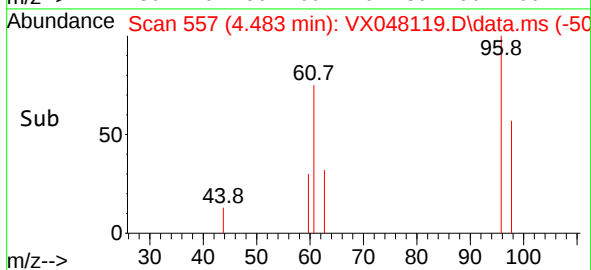
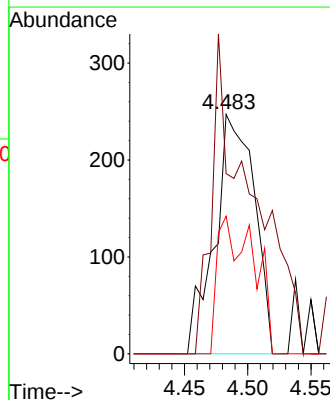
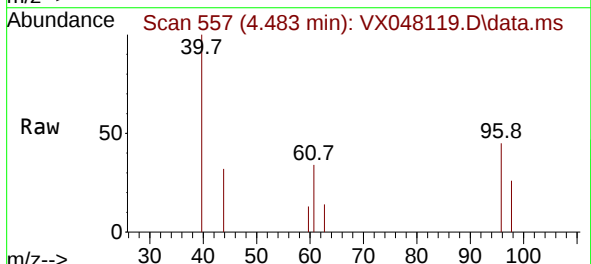
Tgt Ion: 96 Resp: 541

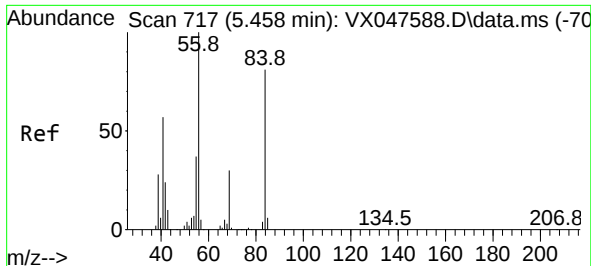
Ion Ratio Lower Upper

96 100

61 132.9 0.0 303.2

98 31.6 0.0 127.8

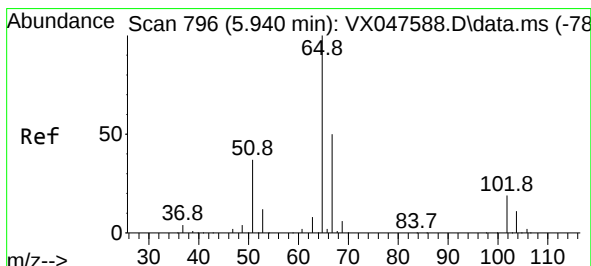
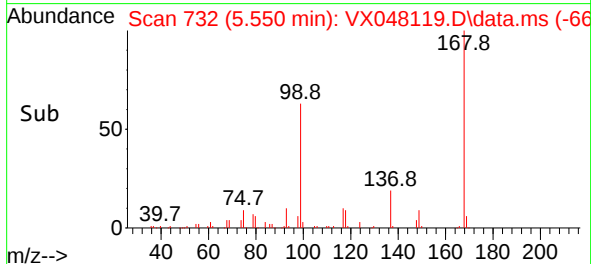
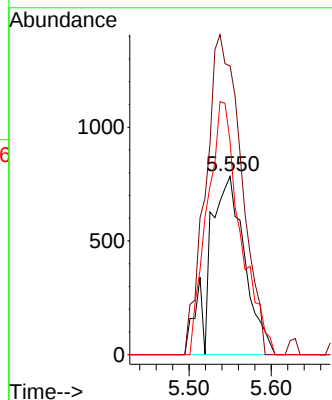
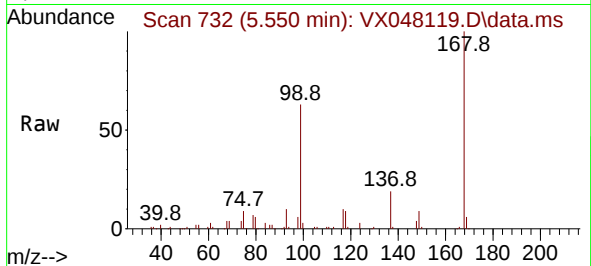




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

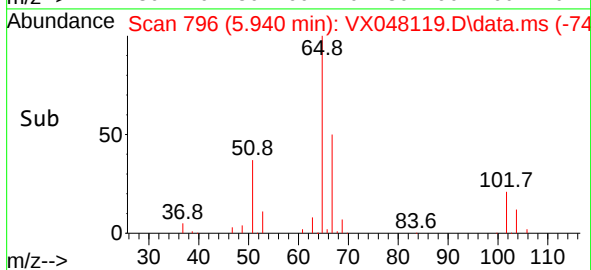
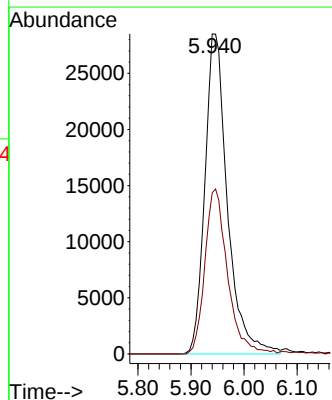
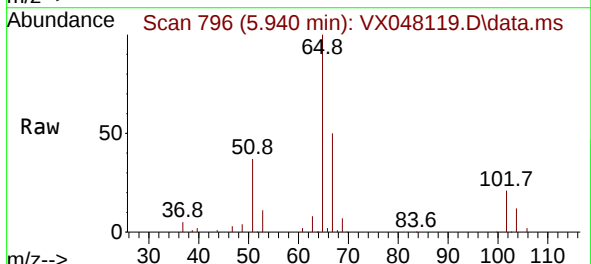
Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

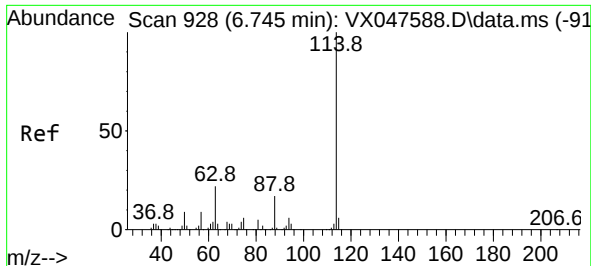
Tgt Ion: 56 Resp: 2354
Ion Ratio Lower Upper
56 100
69 161.9 23.8 35.8#
84 119.3 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 49.707 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion: 65 Resp: 84165
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0

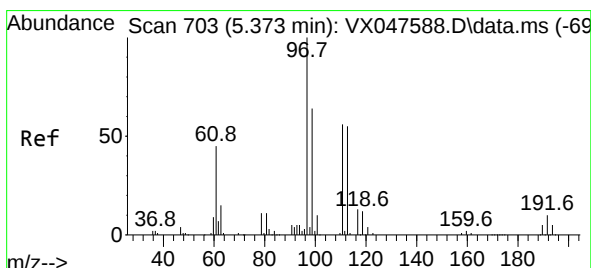
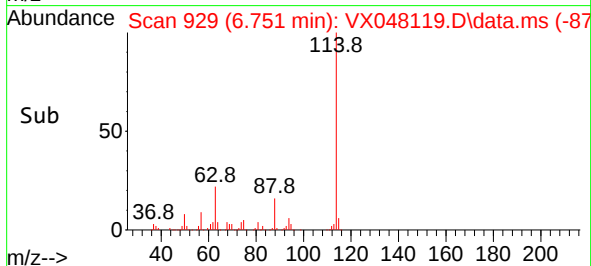
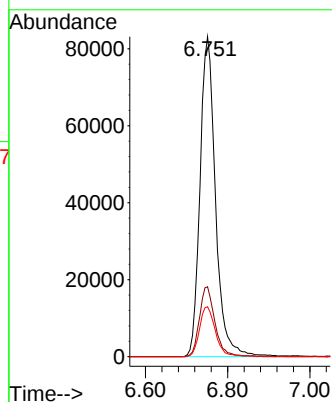
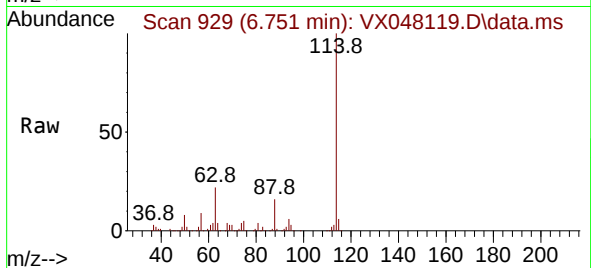




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

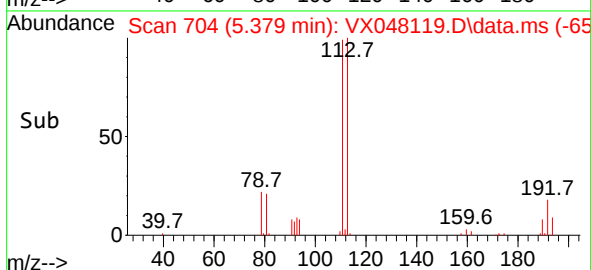
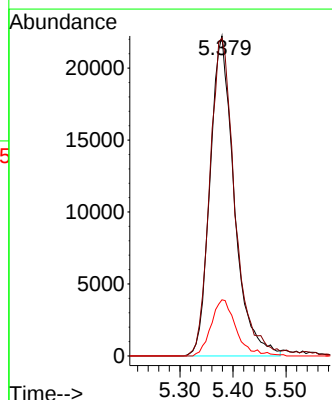
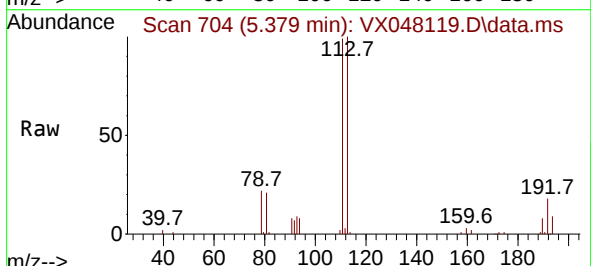
Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

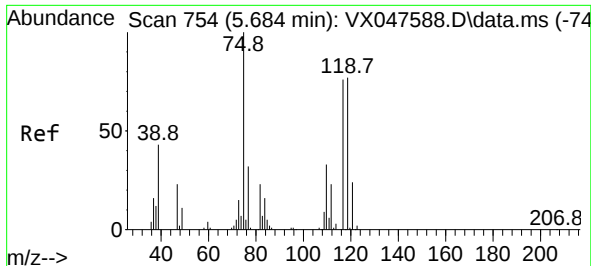
Tgt Ion:114 Resp: 218035
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.0
88 15.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.189 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion:113 Resp: 70465
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 18.3 14.2 21.4

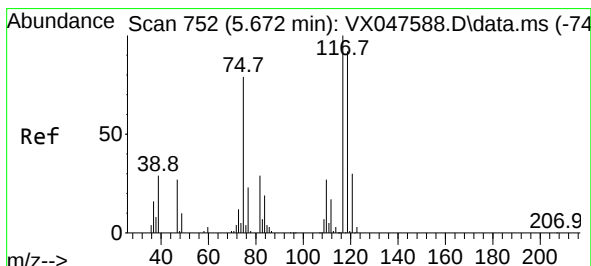
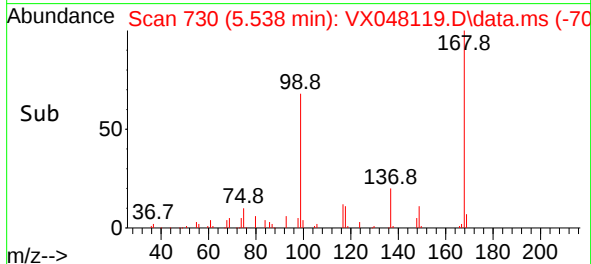
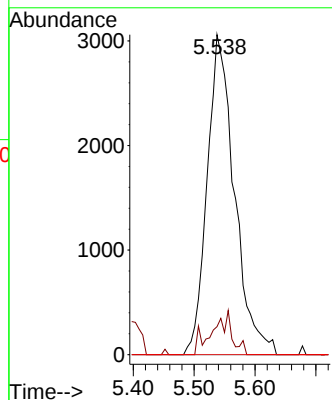
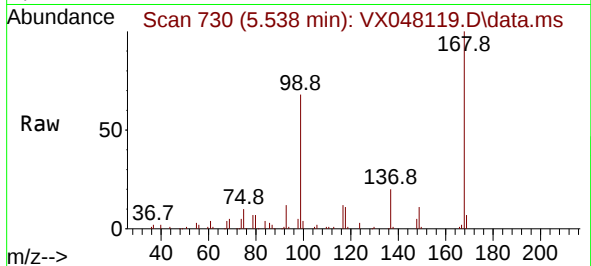




#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

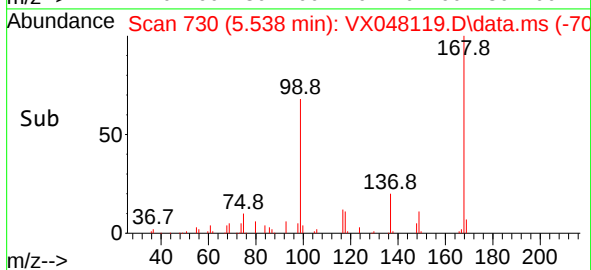
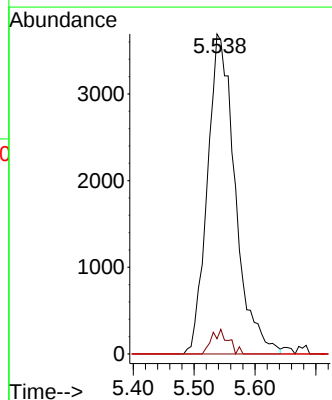
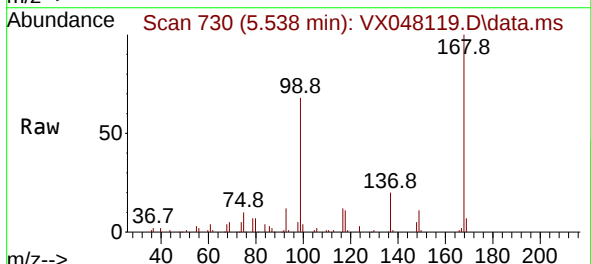
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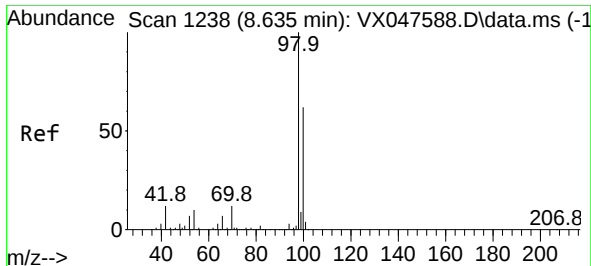
Tgt Ion: 75 Resp: 9522
Ion Ratio Lower Upper
75 100
110 8.0 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.044 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion: 117 Resp: 11710
Ion Ratio Lower Upper
117 100
119 4.8 73.4 110.2#
121 0.0 23.8 35.6#

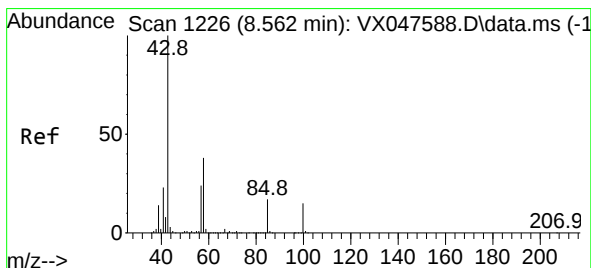
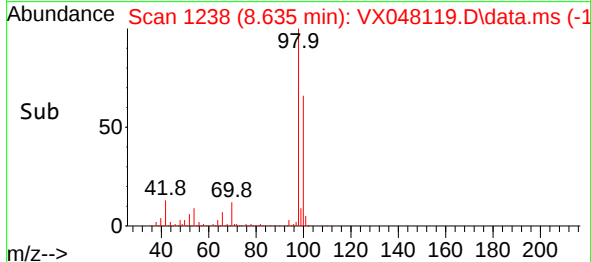
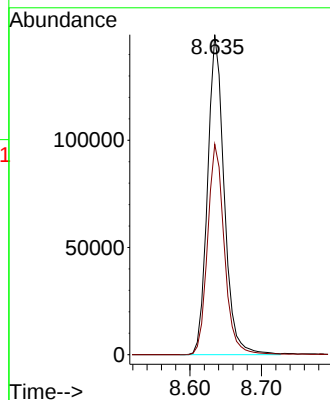
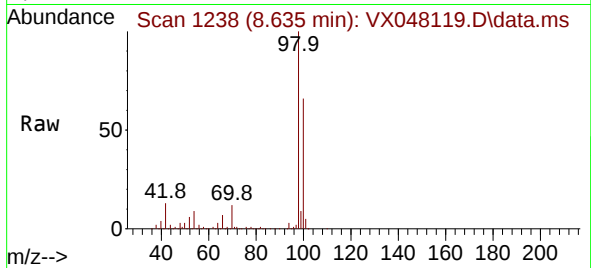




#50
Toluene-d8
Concen: 47.635 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

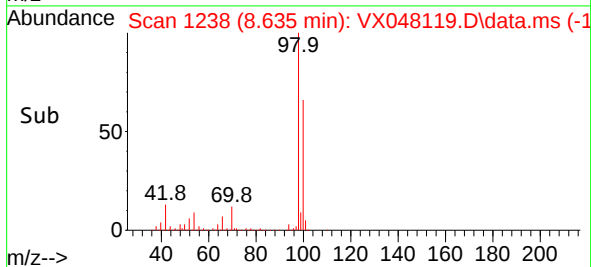
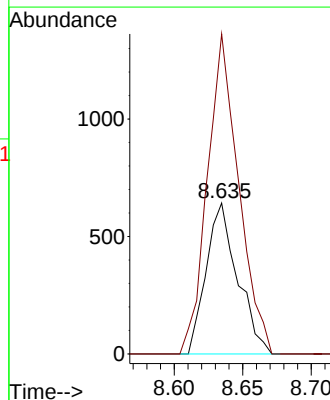
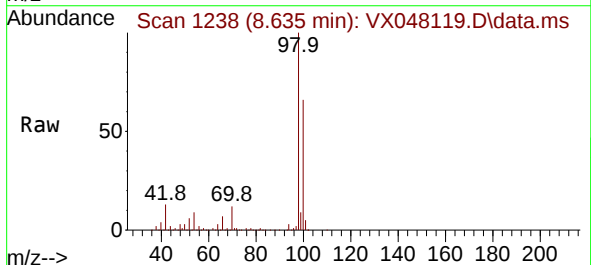
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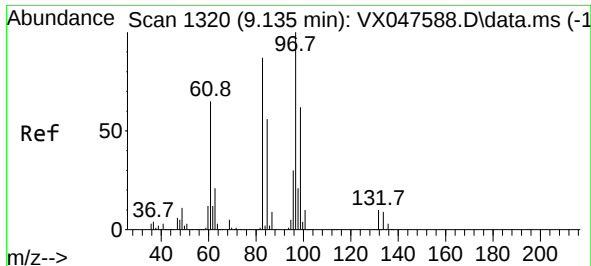
Tgt Ion: 98 Resp: 241021
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.493 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.073 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 211.5 30.3 45.5#

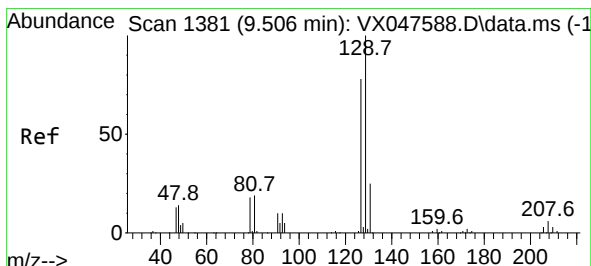
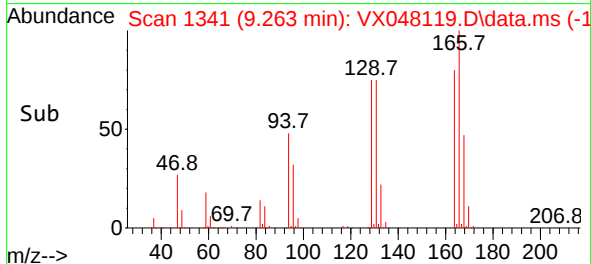
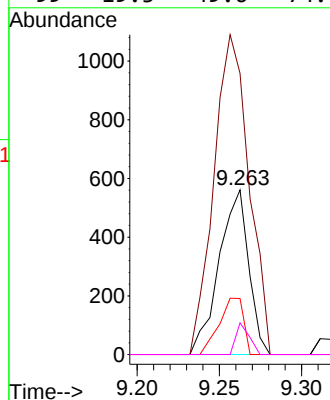
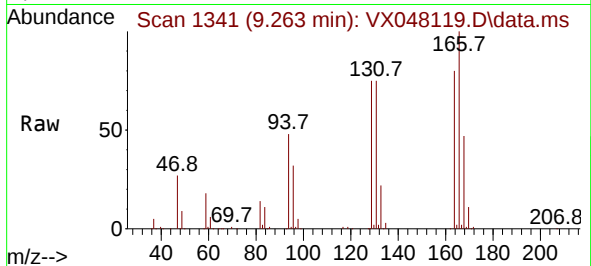




#55
1,1,2-Trichloroethane
Concen: 0.456 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

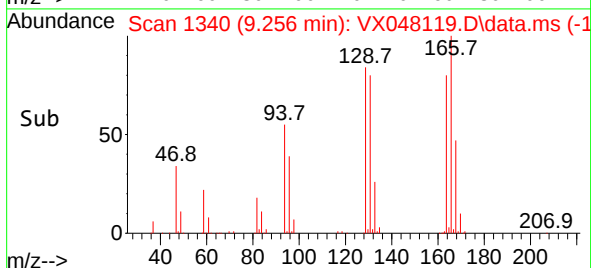
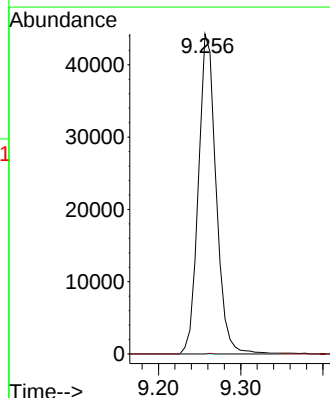
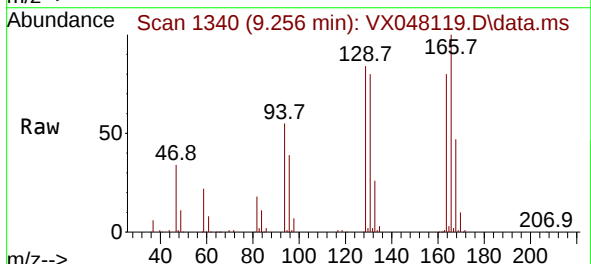
Instrument :
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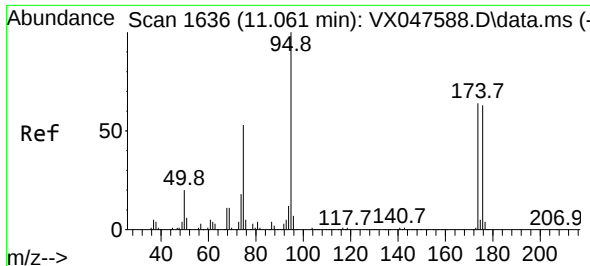
Tgt Ion: 97	Resp:	703
Ion	Ratio	Lower Upper
97	100	
83	170.8	69.6 104.4#
85	34.0	45.0 67.6#
99	19.3	49.6 74.4#



#60
Dibromochloromethane
Concen: 37.323 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.250 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion: 129	Resp:	66302
Ion	Ratio	Lower Upper
129	100	
127	0.1	38.4 115.2#

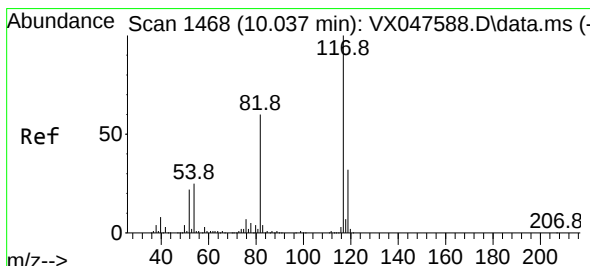
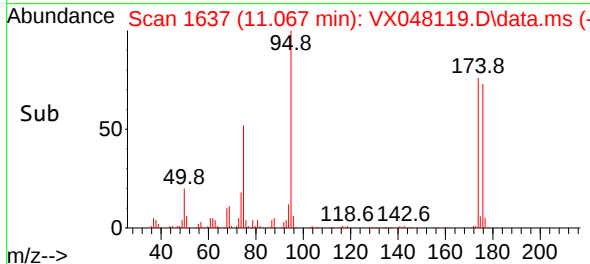
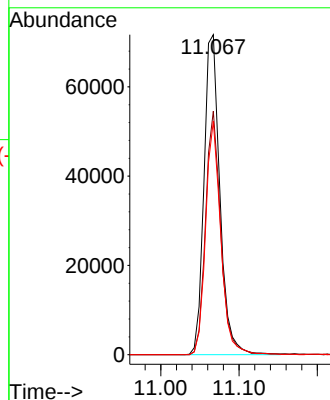
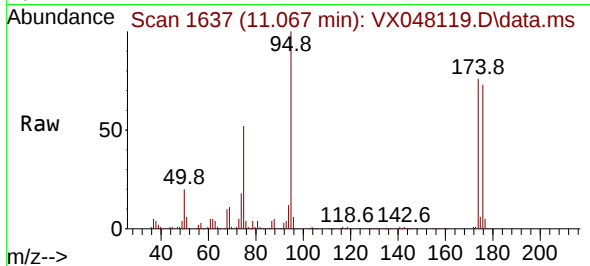




#62
4-Bromofluorobenzene
Concen: 52.656 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

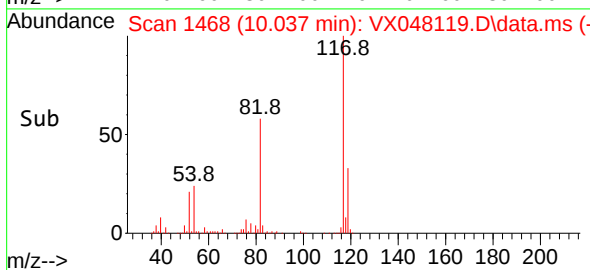
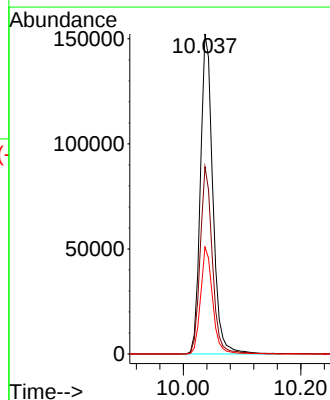
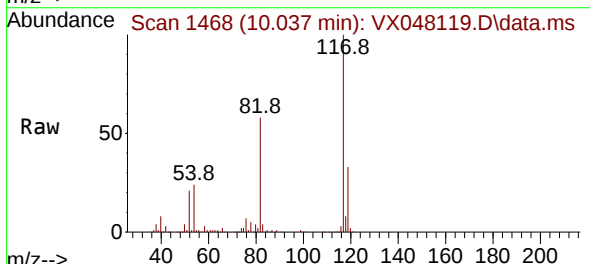
Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

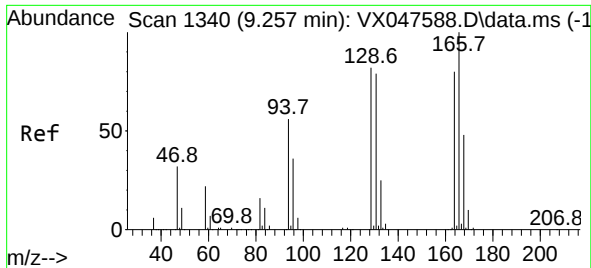
Tgt Ion: 95 Resp: 101113
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 69.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion: 117 Resp: 223748
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 33.4 25.2 37.8

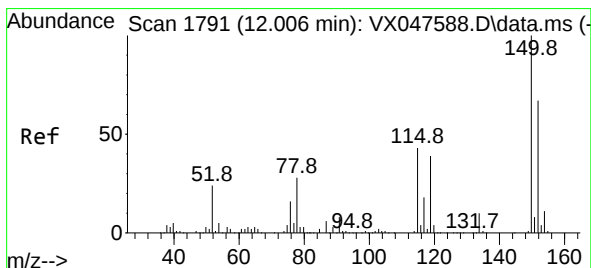
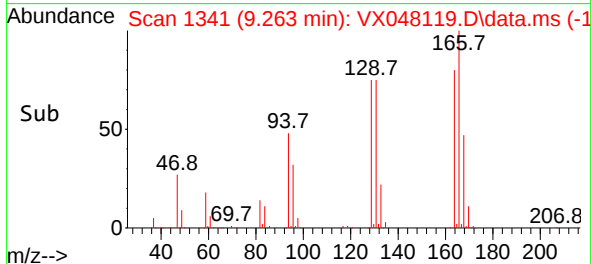
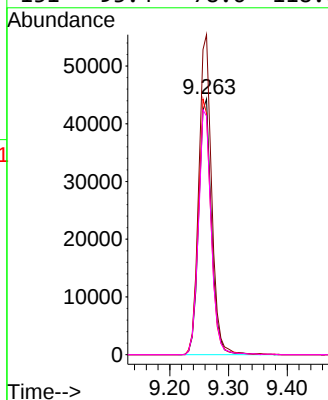
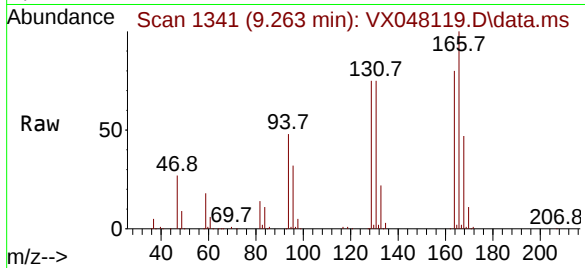




#64
Tetrachloroethene
Concen: 45.860 ug/l
RT: 9.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

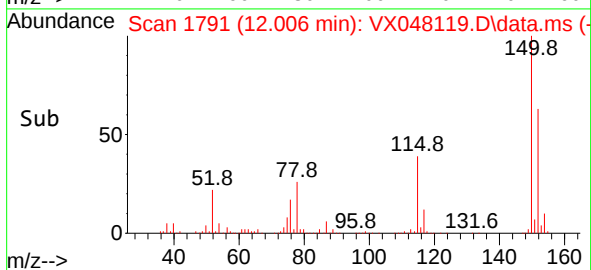
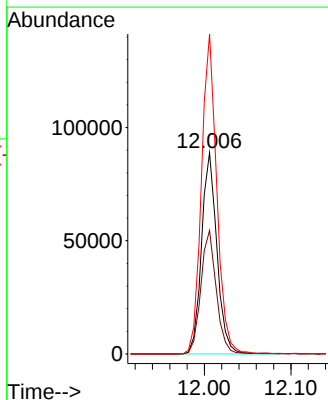
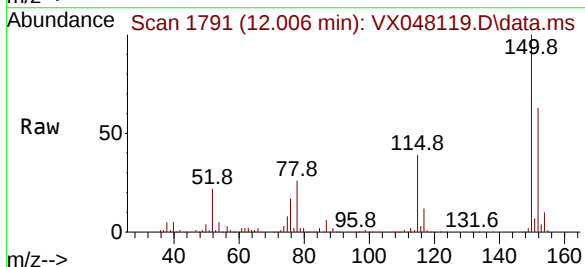
Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

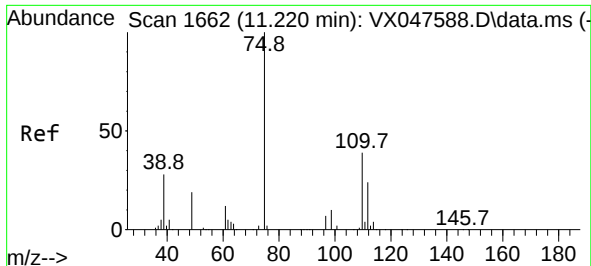
Tgt Ion:164 Resp: 66891
Ion Ratio Lower Upper
164 100
166 125.2 100.2 150.2
129 94.4 81.8 122.6
131 93.4 78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion:152 Resp: 109569
Ion Ratio Lower Upper
152 100
115 62.0 44.9 134.5
150 158.5 0.0 352.0

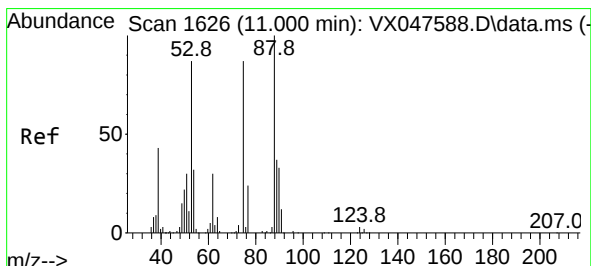
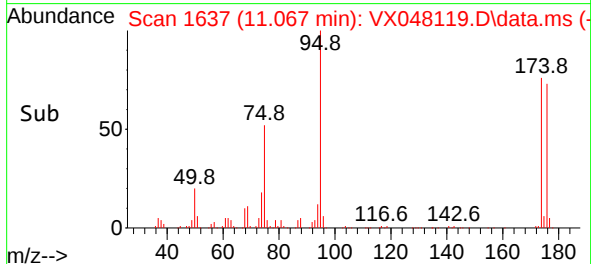
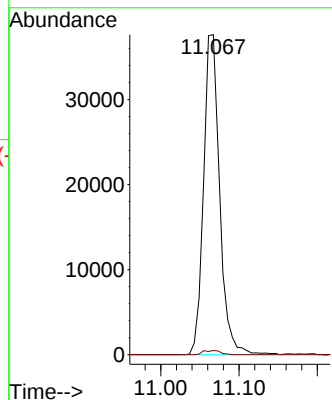
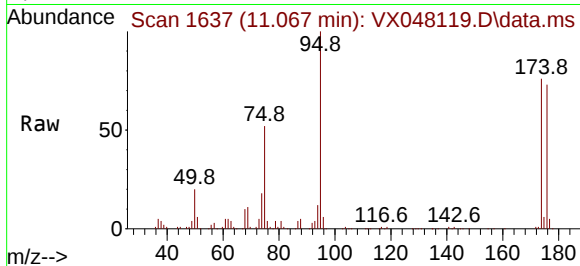




#76
1,2,3-Trichloropropane
Concen: 24.202 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. -0.152 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Tgt Ion: 75 Resp: 53691
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.719 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.067 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion: 75 Resp: 53691
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

