

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048021.D
 Acq On : 06 Oct 2025 14:07
 Operator : JC/MD
 Sample : Q3201-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW15

Quant Time: Oct 07 02:13:53 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)

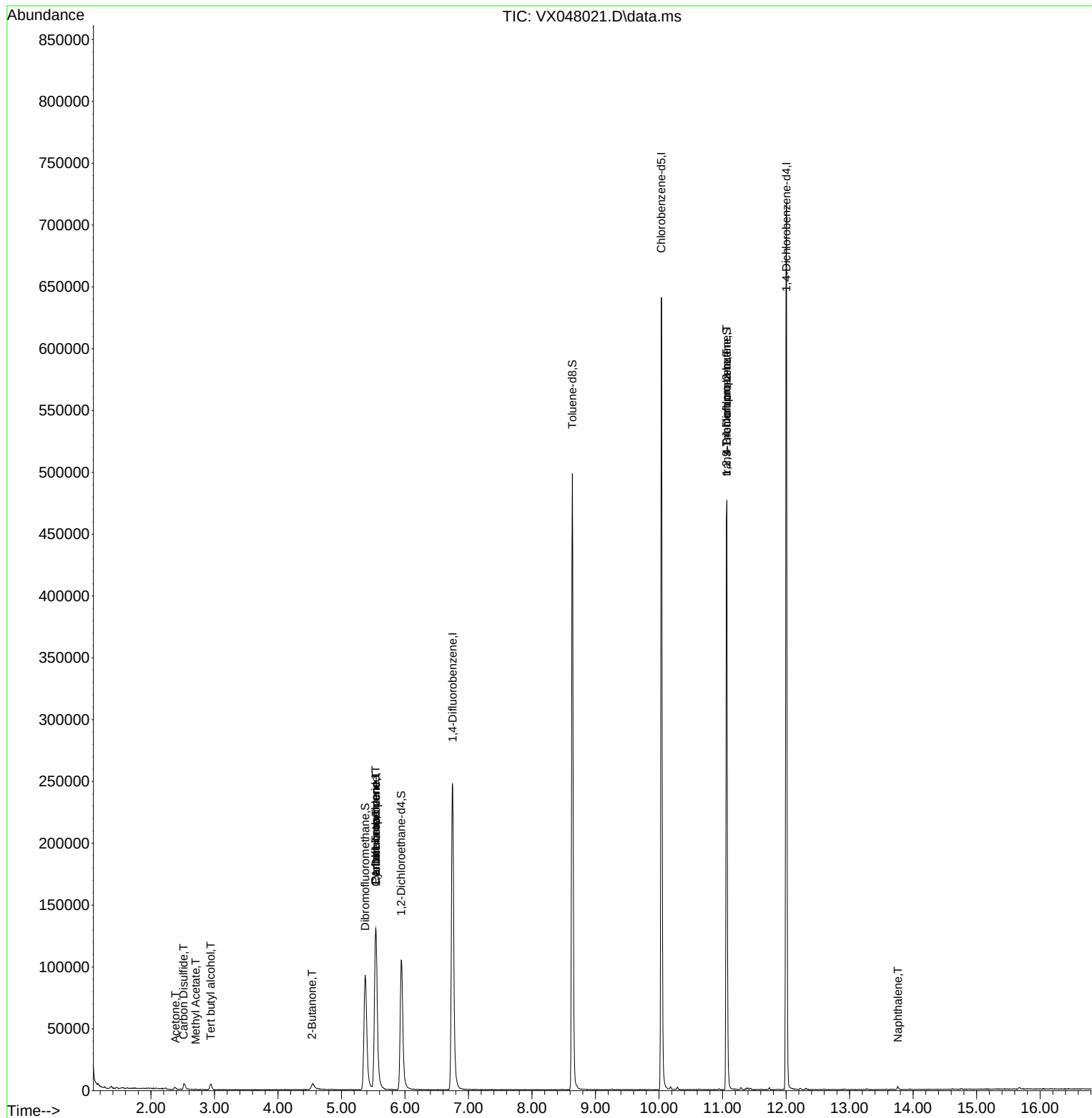
Internal Standards						
1) Pentafluorobenzene	5.538	168	134028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	273148	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	149616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	114515	53.678	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.360%	
35) Dibromofluoromethane	5.373	113	91472	49.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.860%	
50) Toluene-d8	8.635	98	313165	49.405	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.820%	
62) 4-Bromofluorobenzene	11.067	95	139428	57.959	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	2693	11.334	ug/l #	72
16) Acetone	2.386	43	2563	2.763	ug/l #	68
17) Carbon Disulfide	2.514	76	1936	0.444	ug/l #	87
18) Methyl Acetate	2.703	43	503	0.244	ug/l #	54
25) 2-Butanone	4.538	43	384	0.332	ug/l #	50
31) Cyclohexane	5.544	56	3164	1.122	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11667	4.359	ug/l #	51
38) Carbon Tetrachloride	5.538	117	14458	4.971	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	71384	23.565	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	71384	60.094	ug/l #	8
95) Naphthalene	13.762	128	2205	0.225	ug/l #	96

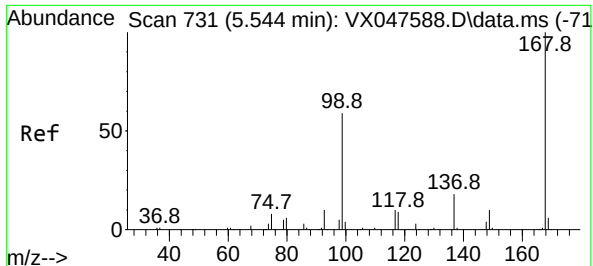
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048021.D
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Instrument :
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MW15

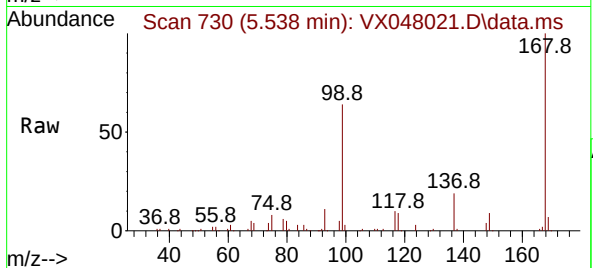
Quant Time: Oct 07 02:13:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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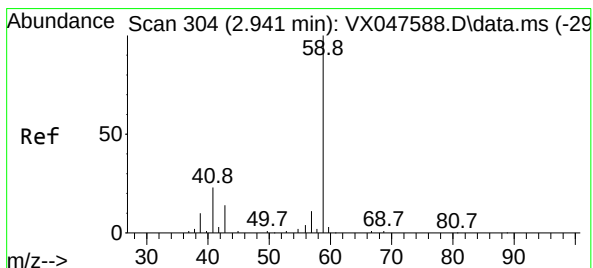
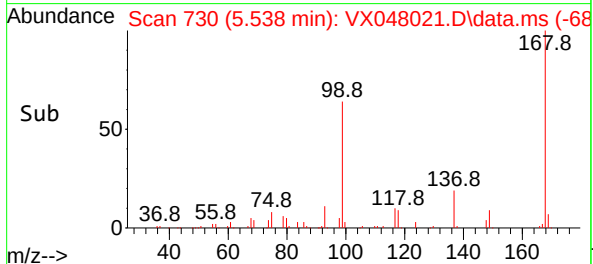
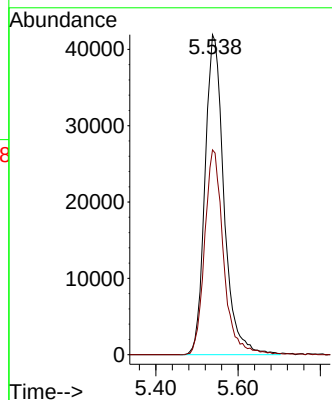


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW15

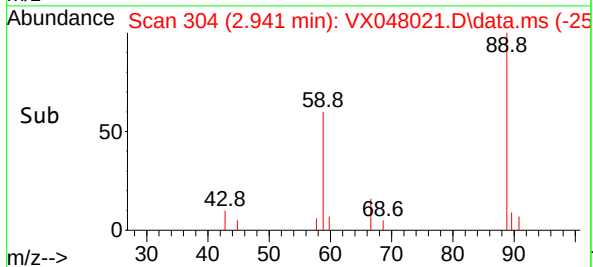
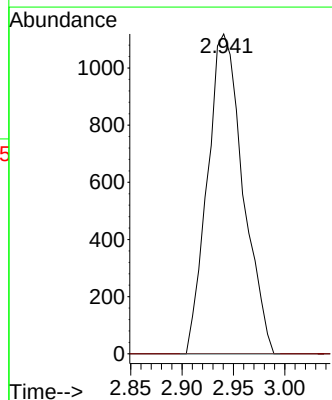
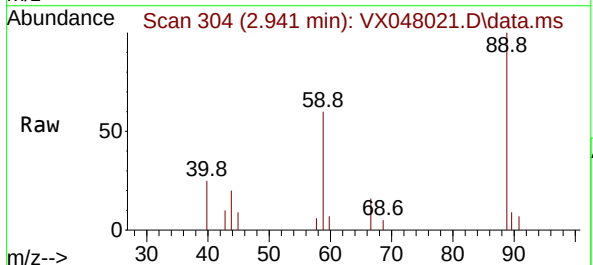


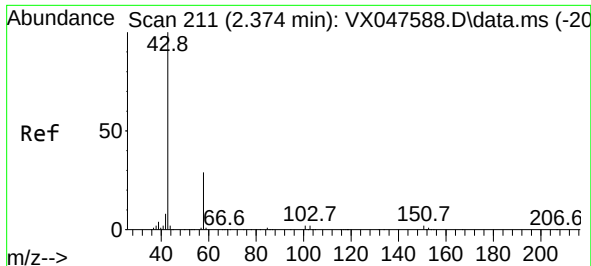
Tgt Ion:168 Resp: 134028
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#11
Tert butyl alcohol
Concen: 11.334 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion: 59 Resp: 2693
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

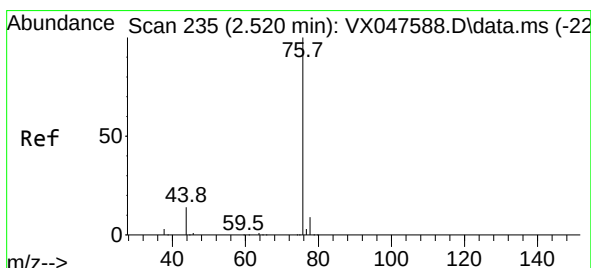
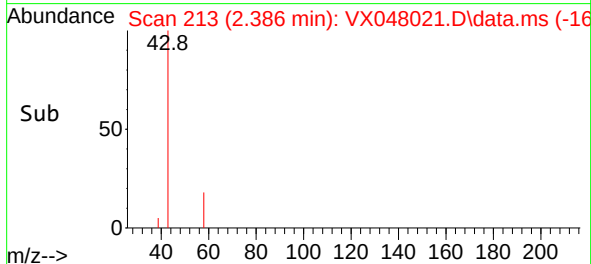
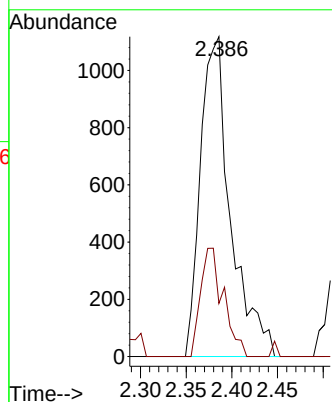
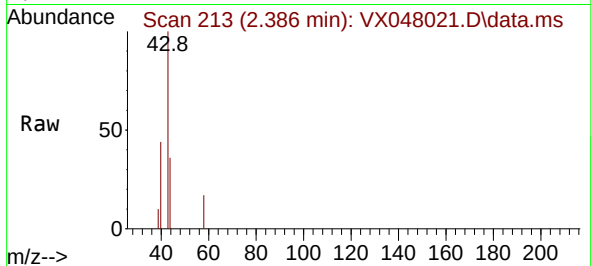




#16
Acetone
Concen: 2.763 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

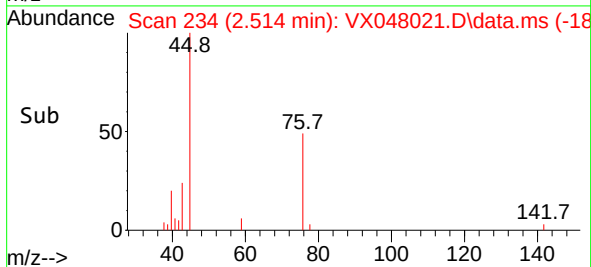
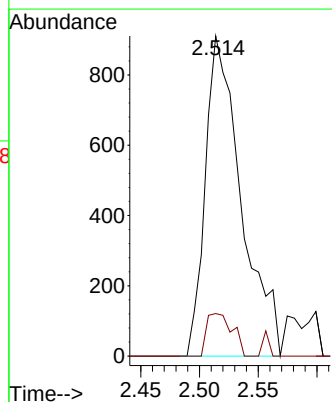
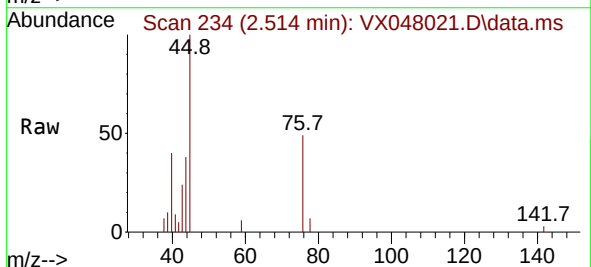
Instrument :
MSVOA_X
ClientSampleId :
MW15

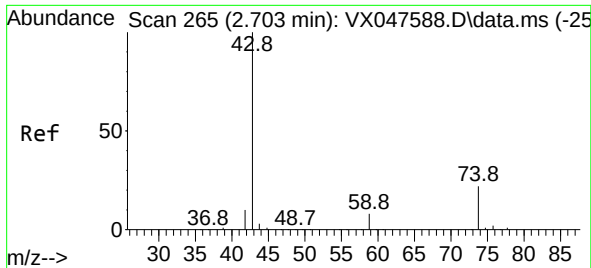
Tgt Ion: 43 Resp: 2563
Ion Ratio Lower Upper
43 100
58 12.2 23.4 35.0#



#17
Carbon Disulfide
Concen: 0.444 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion: 76 Resp: 1936
Ion Ratio Lower Upper
76 100
78 13.3 6.8 10.2#

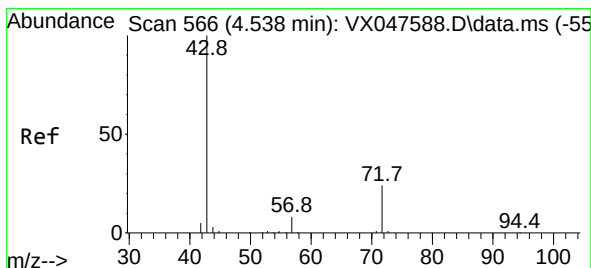
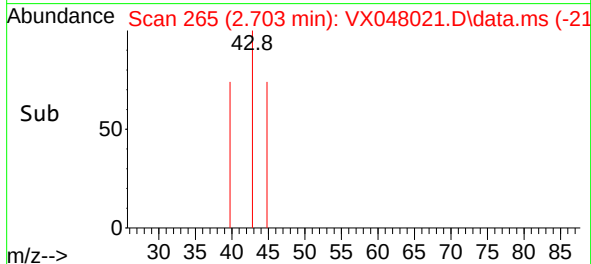
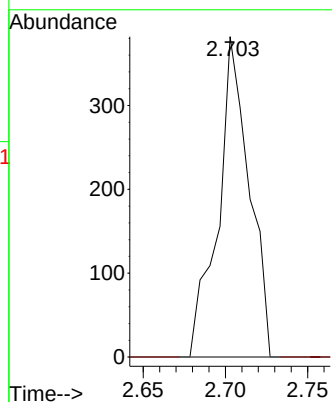
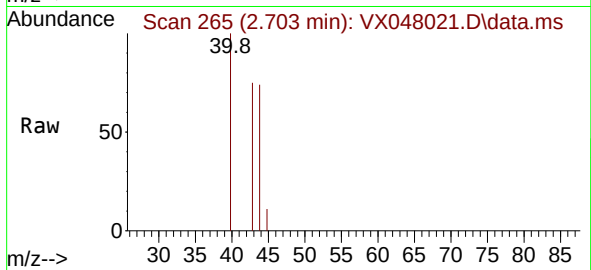




#18
Methyl Acetate
Concen: 0.244 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

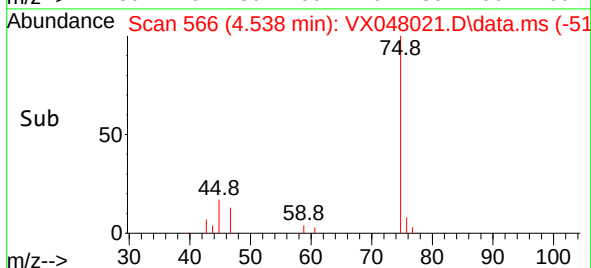
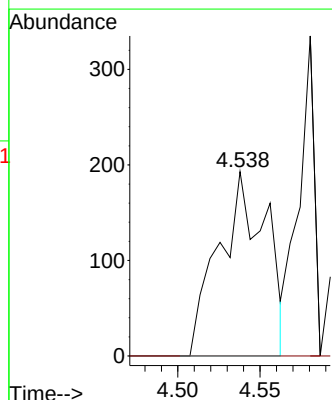
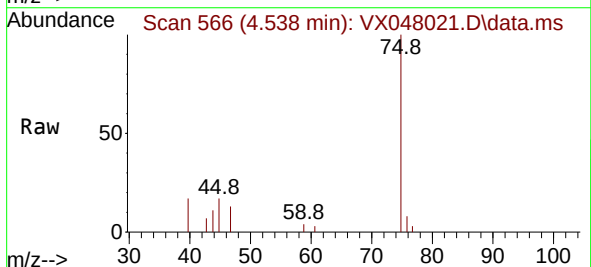
Instrument :
MSVOA_X
ClientSampleId :
MW15

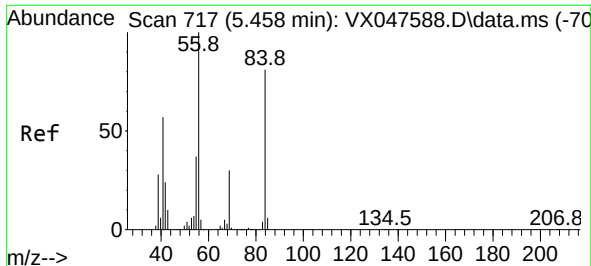
Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#25
2-Butanone
Concen: 0.332 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion: 43 Resp: 384
Ion Ratio Lower Upper
43 100
72 0.0 20.1 30.1#

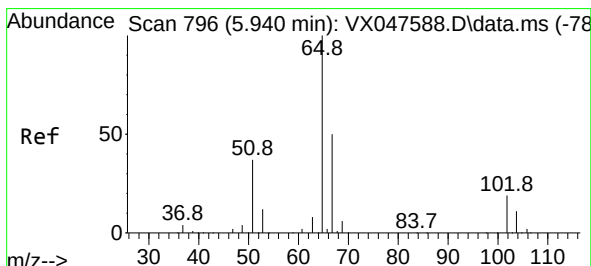
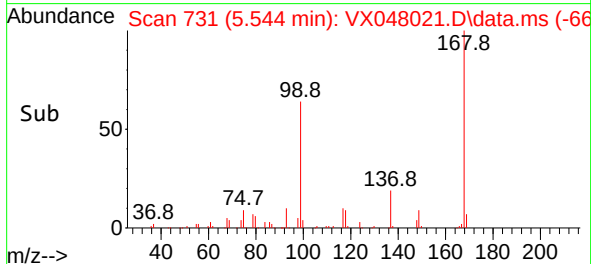
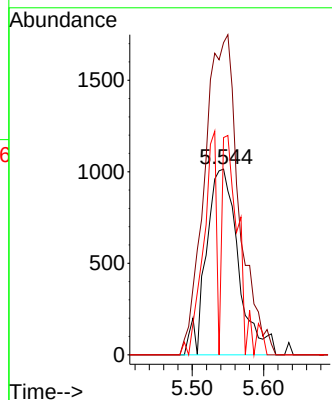
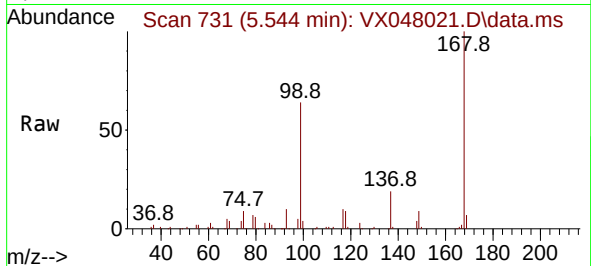




#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

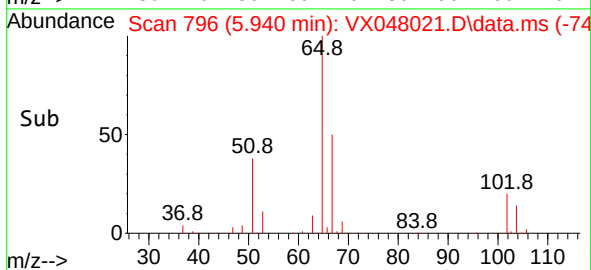
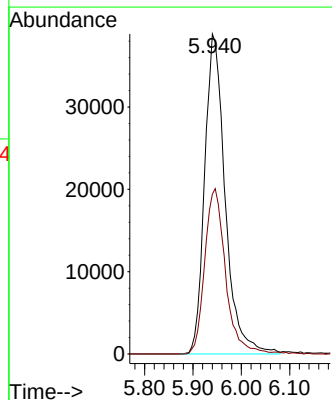
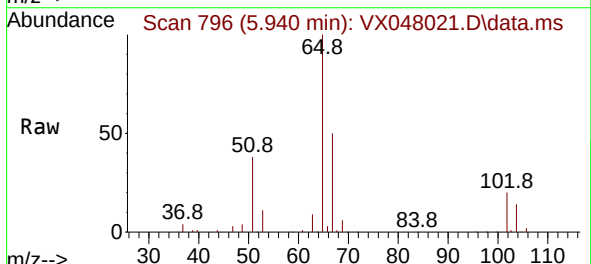
Instrument :
MSVOA_X
ClientSampleId :
MW15

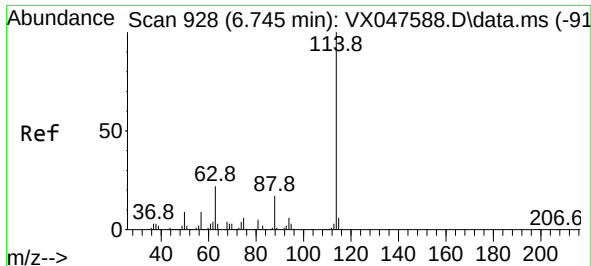
Tgt Ion: 56 Resp: 3164
Ion Ratio Lower Upper
56 100
69 168.0 23.8 35.8#
84 116.9 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 53.678 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion: 65 Resp: 114515
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0

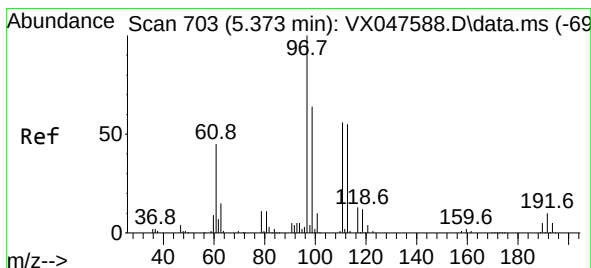
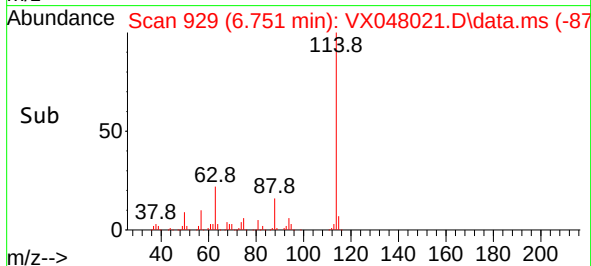
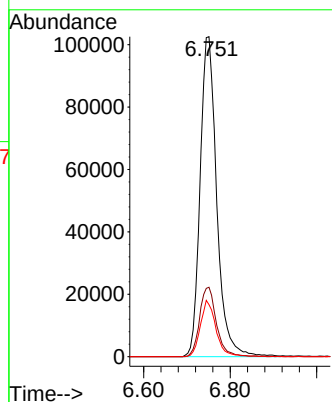
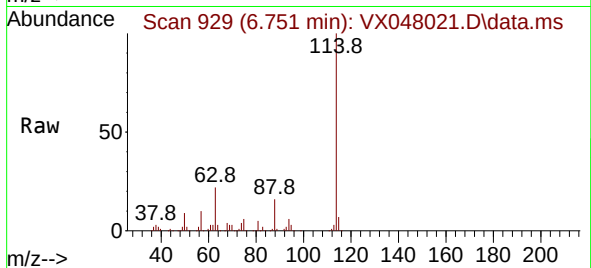




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

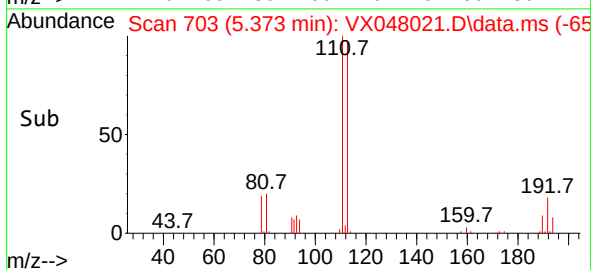
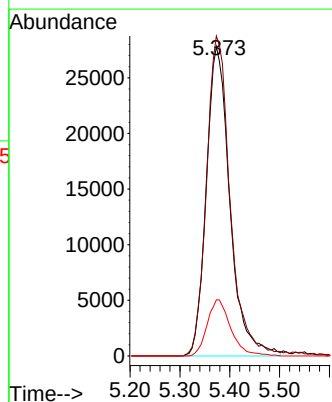
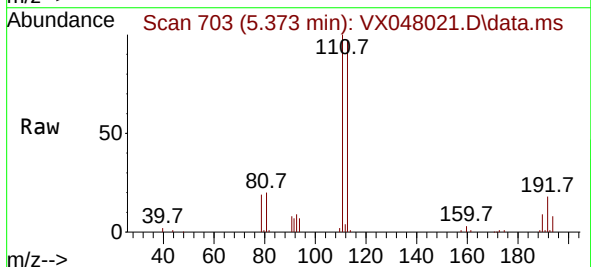
Instrument :
MSVOA_X
ClientSampleId :
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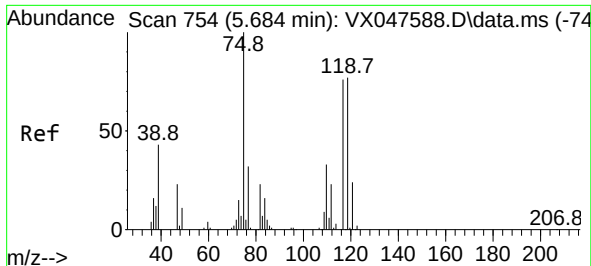
Tgt Ion:114 Resp: 273148
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.933 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion:113 Resp: 91472
Ion Ratio Lower Upper
113 100
111 103.6 80.9 121.3
192 18.2 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.359 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX048021.D

Acq: 06 Oct 2025 14:07

Instrument :

MSVOA_X

ClientSampleId :

MW15

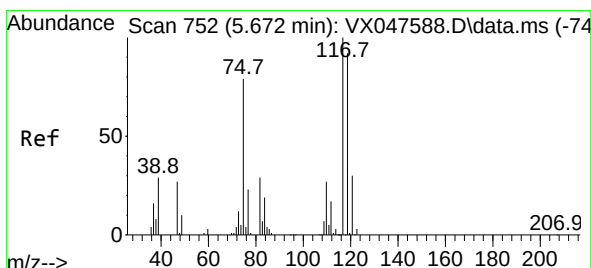
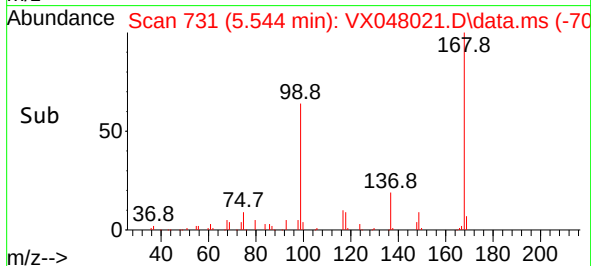
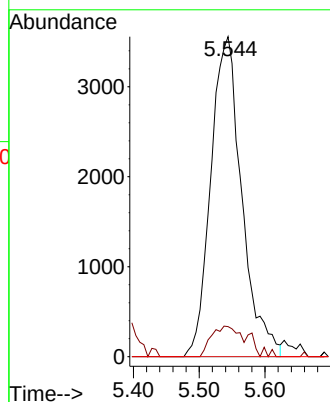
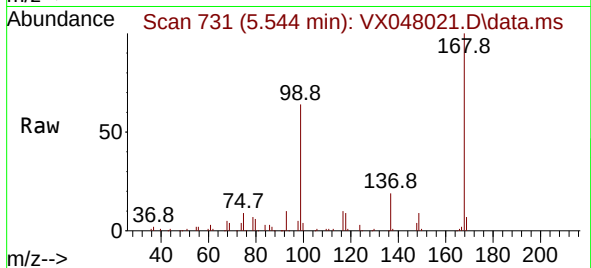
Tgt Ion: 75 Resp: 11667

Ion Ratio Lower Upper

75 100

110 8.6 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.971 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.134 min

Lab File: VX048021.D

Acq: 06 Oct 2025 14:07

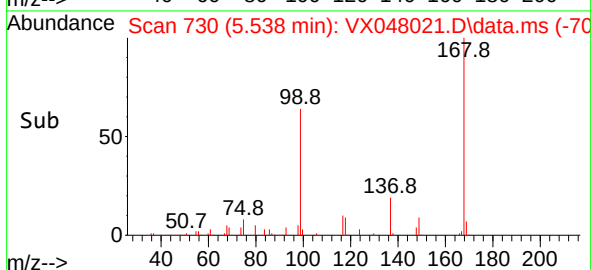
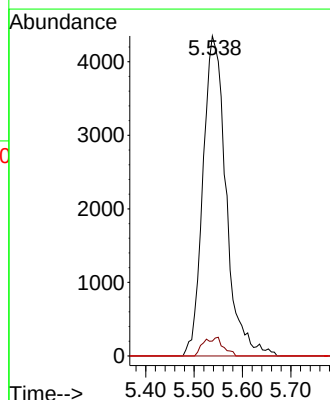
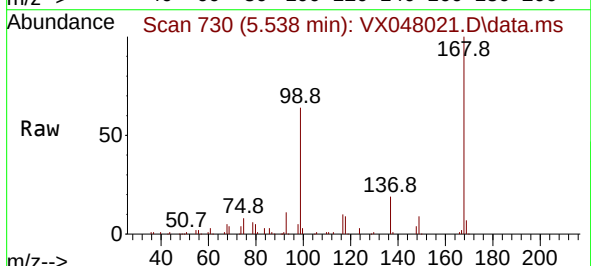
Tgt Ion: 117 Resp: 14458

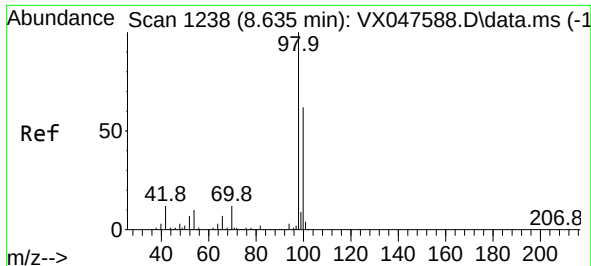
Ion Ratio Lower Upper

117 100

119 4.6 73.4 110.2#

121 0.0 23.8 35.6#

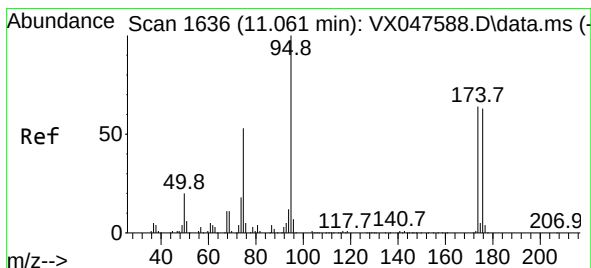
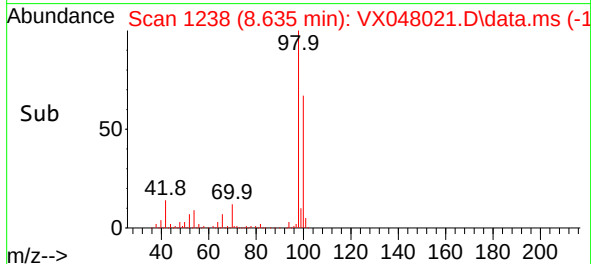
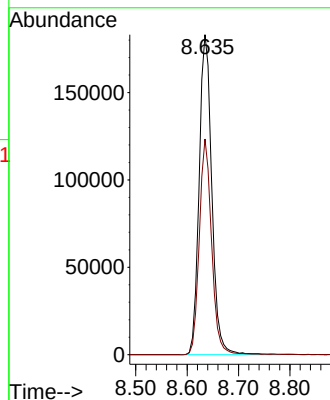
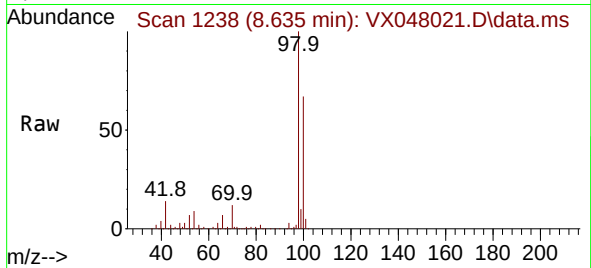




#50
Toluene-d8
Concen: 49.405 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

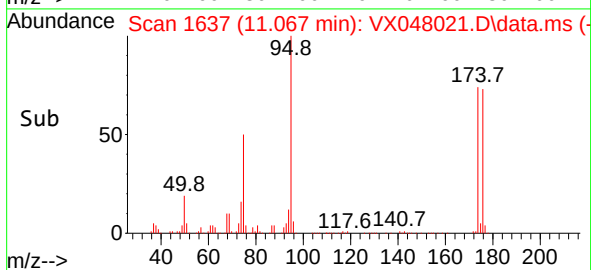
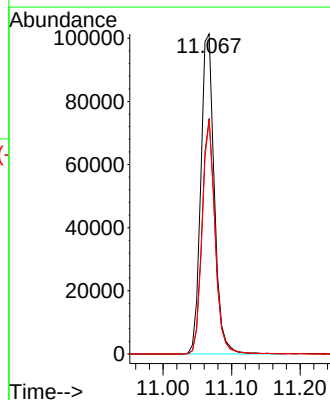
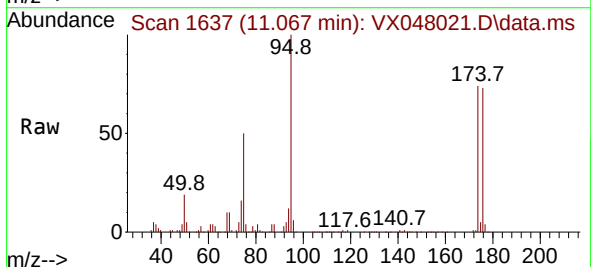
Instrument :
MSVOA_X
ClientSampleId :
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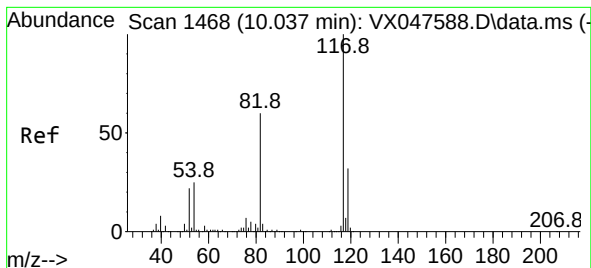
Tgt Ion: 98 Resp: 313165
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.959 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Tgt Ion: 95 Resp: 139428
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.6
176 69.8 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: VX048021.D

Acq: 06 Oct 2025 14:07

Instrument :

MSVOA_X

ClientSampleId :

MW15

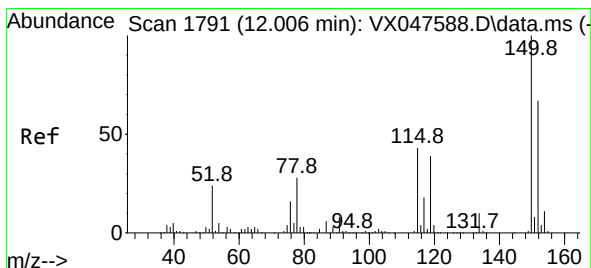
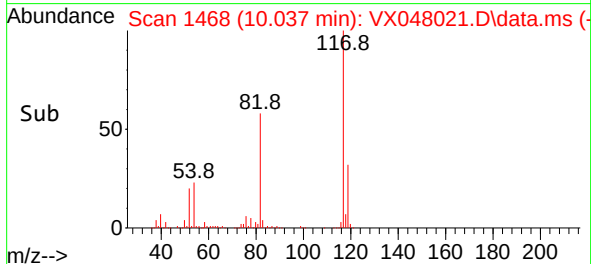
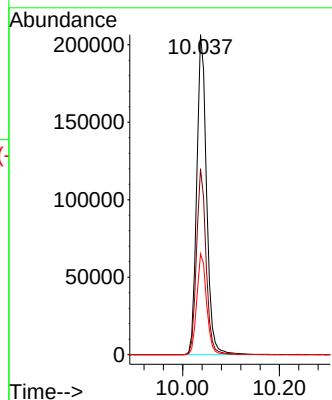
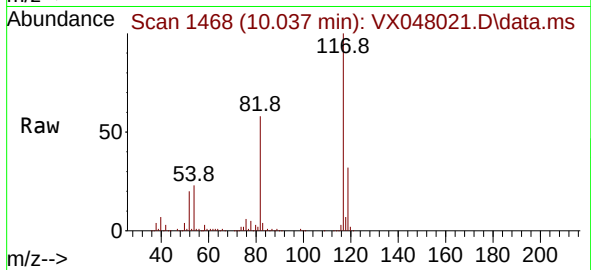
Tgt Ion:117 Resp: 290347

Ion Ratio Lower Upper

117 100

82 58.1 47.8 71.6

119 31.5 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: VX048021.D

Acq: 06 Oct 2025 14:07

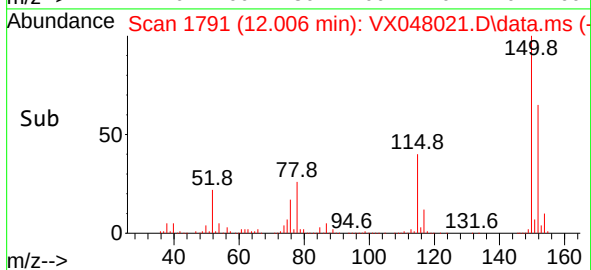
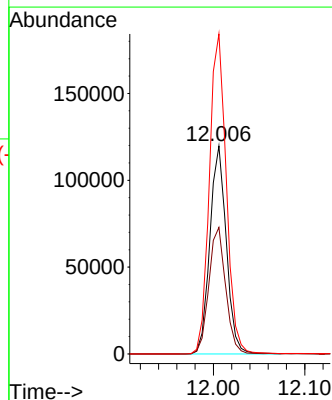
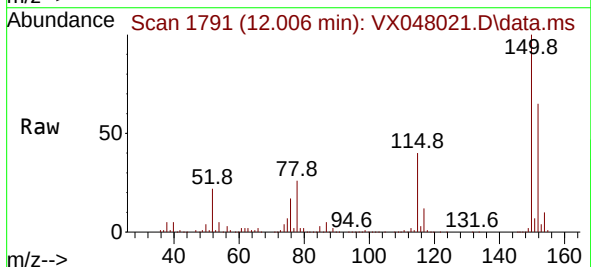
Tgt Ion:152 Resp: 149616

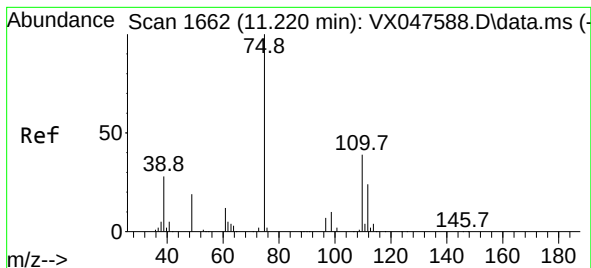
Ion Ratio Lower Upper

152 100

115 62.3 44.9 134.5

150 158.1 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 23.565 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX048021.D

Acq: 06 Oct 2025 14:07

Instrument :

MSVOA_X

ClientSampleId :

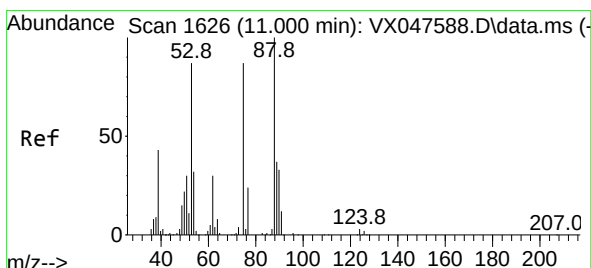
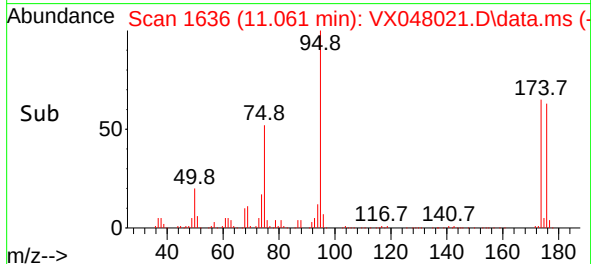
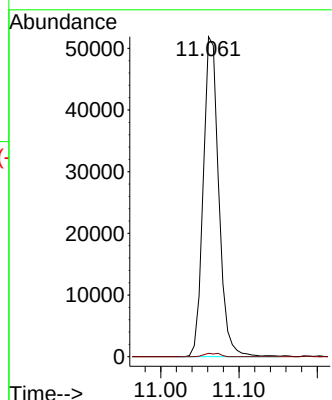
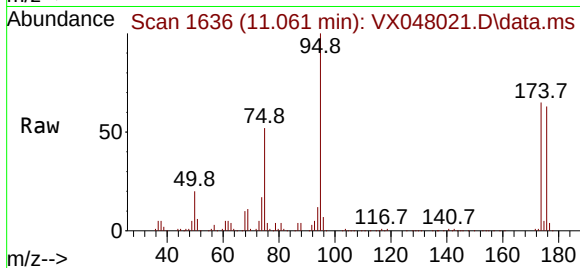
MW15

Tgt Ion: 75 Resp: 71384

Ion Ratio Lower Upper

75 100

77 1.1 18.8 56.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.094 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048021.D

Acq: 06 Oct 2025 14:07

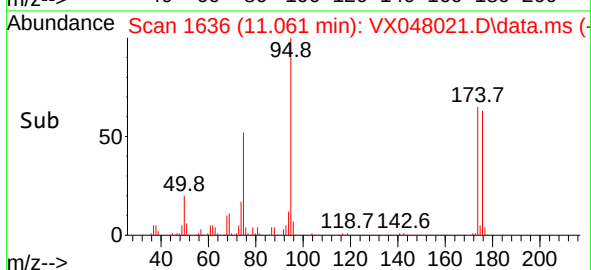
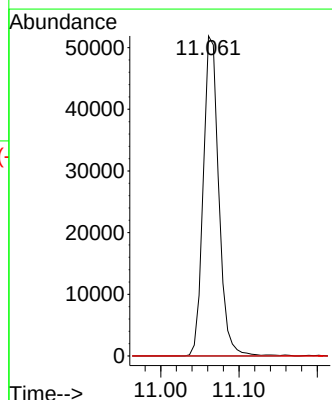
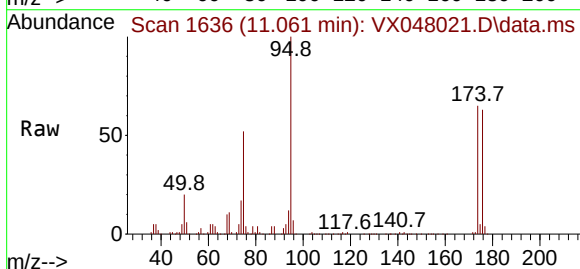
Tgt Ion: 75 Resp: 71384

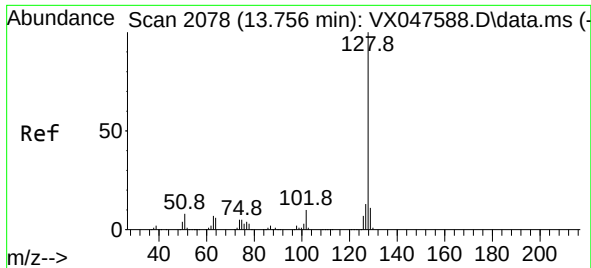
Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 36.3 54.5#





#95
Naphthalene
Concen: 0.225 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048021.D
Acq: 06 Oct 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
MW15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.2	15.2#
129	10.3	8.8	13.2

