

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048011.D
 Acq On : 06 Oct 2025 09:44
 Operator : JC/MD
 Sample : VX1006WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBL01

Quant Time: Oct 07 02:06:52 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)

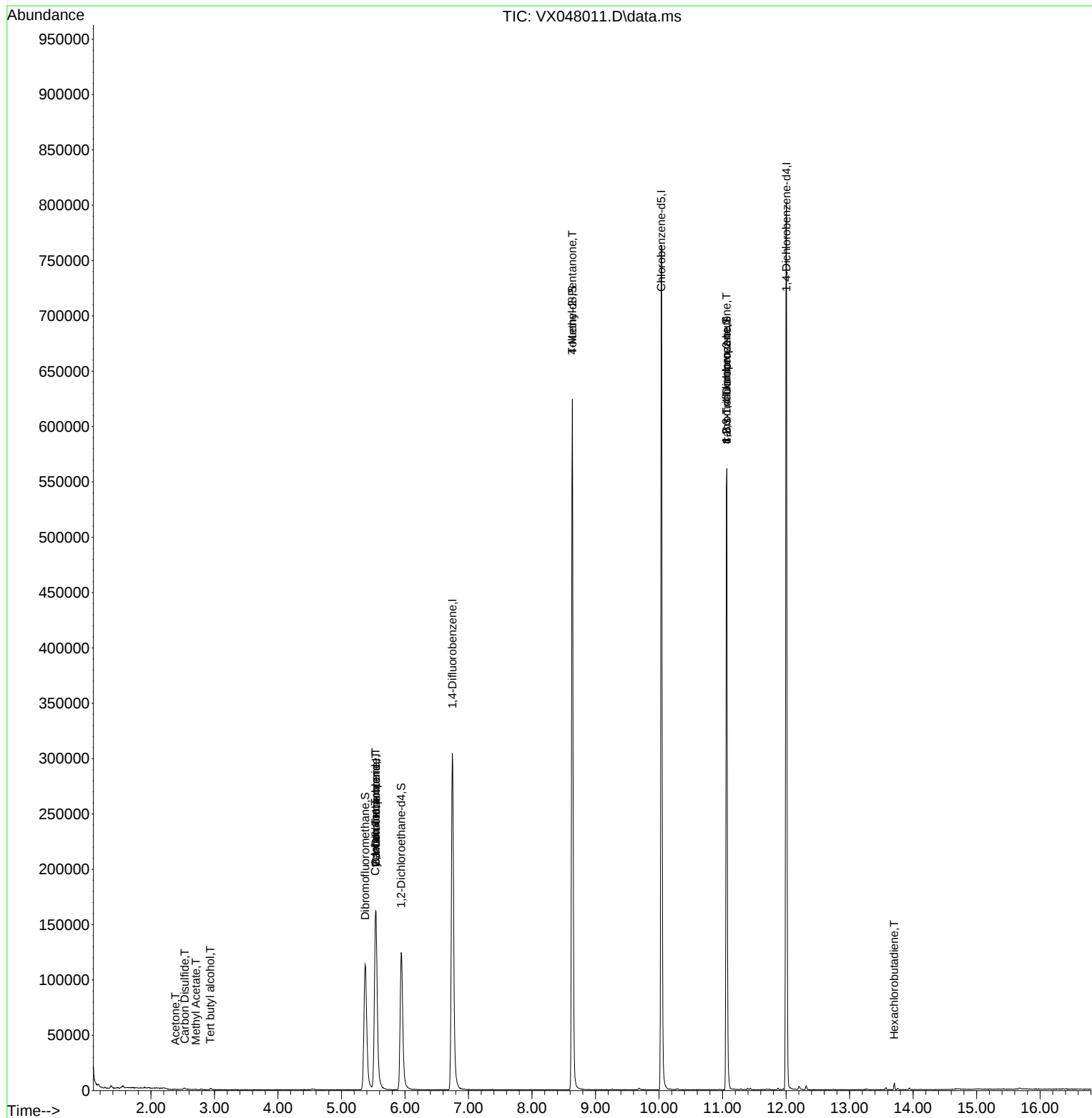
Internal Standards						
1) Pentafluorobenzene	5.544	168	163752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	333598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	343343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	135132	51.844	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.680%	
35) Dibromofluoromethane	5.373	113	110438	49.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.720%	
50) Toluene-d8	8.635	98	378416	48.882	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	11.061	95	161318	54.907	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	322	1.109	ug/l #	72
16) Acetone	2.386	43	562	0.496	ug/l #	45
17) Carbon Disulfide	2.532	76	2660	0.499	ug/l	97
18) Methyl Acetate	2.709	43	576	0.228	ug/l #	54
31) Cyclohexane	5.531	56	3769	1.094	ug/l #	2
36) 1,1-Dichloropropene	5.538	75	13998	4.282	ug/l #	51
38) Carbon Tetrachloride	5.538	117	17151	4.828	ug/l #	20
51) 4-Methyl-2-Pentanone	8.635	43	1798	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	83691	24.034	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	83691	61.289	ug/l #	8
94) Hexachlorobutadiene	13.701	225	746	0.593	ug/l	95

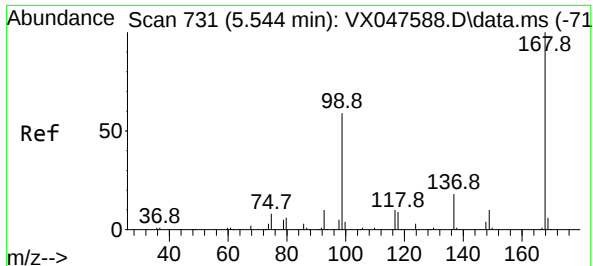
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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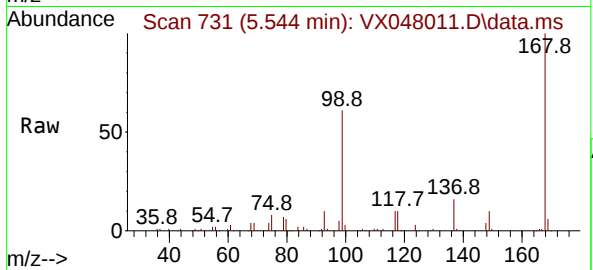
Quant Time: Oct 07 02:06:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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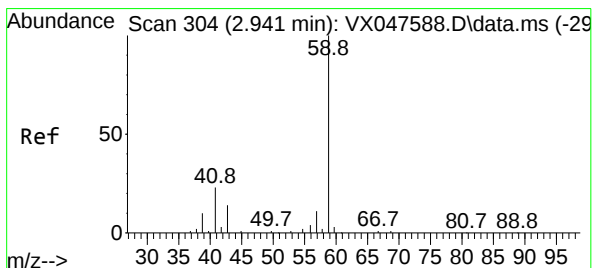
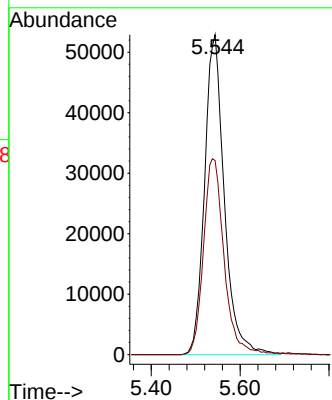
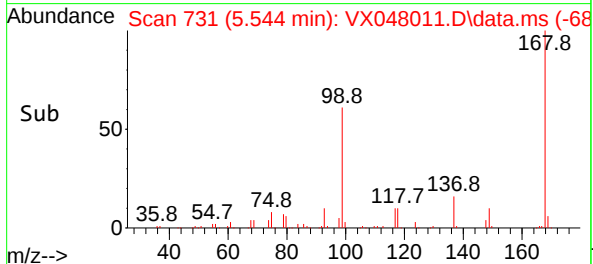


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

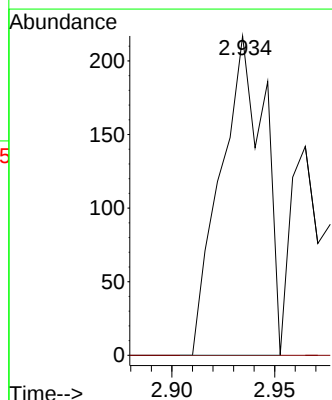
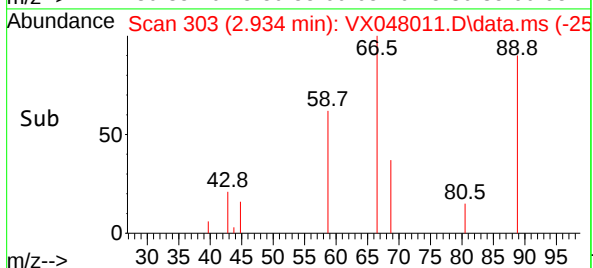
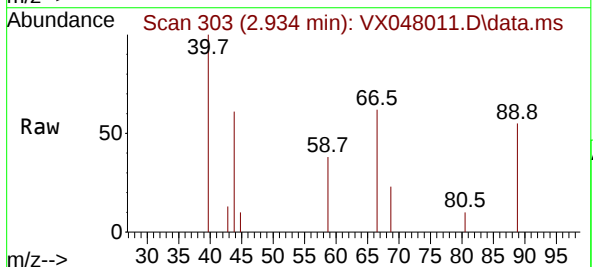


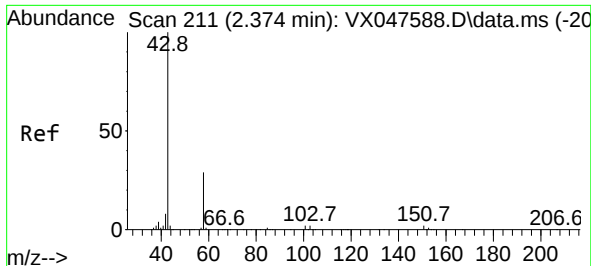
Tgt Ion:168 Resp: 163752
Ion Ratio Lower Upper
168 100
99 60.7 48.8 73.2



#11
Tert butyl alcohol
Concen: 1.109 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion: 59 Resp: 322
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

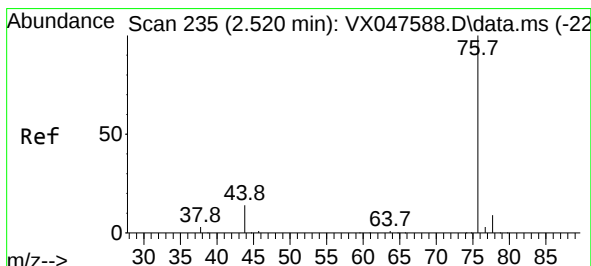
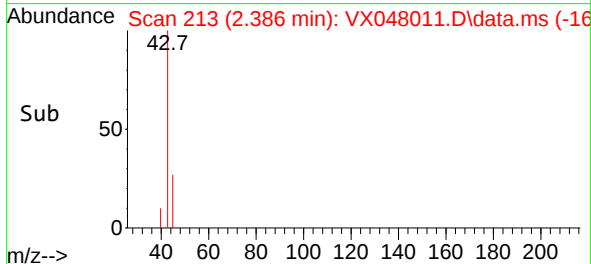
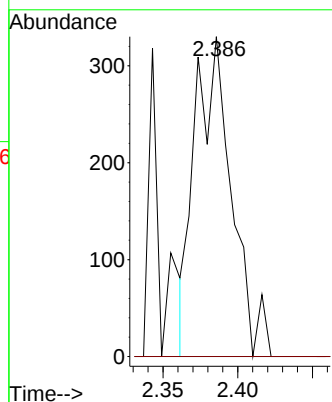
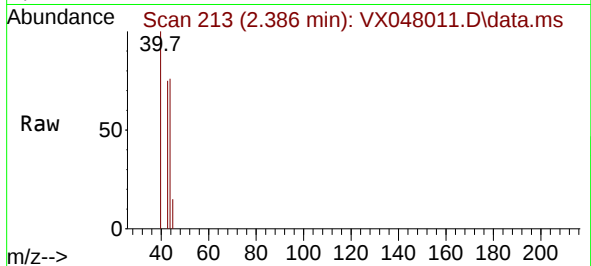




#16
Acetone
Concen: 0.496 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

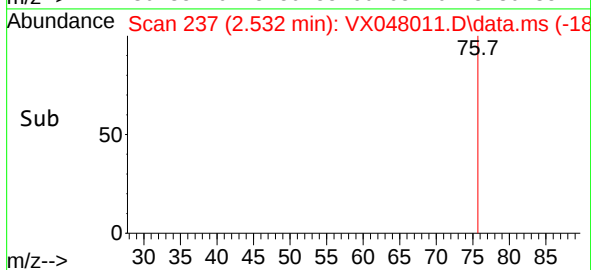
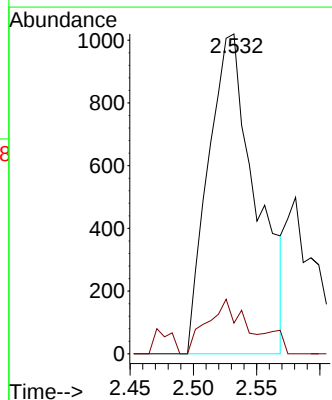
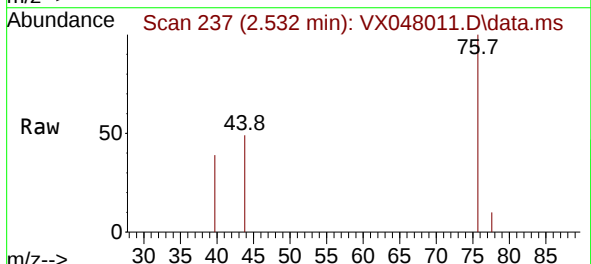
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

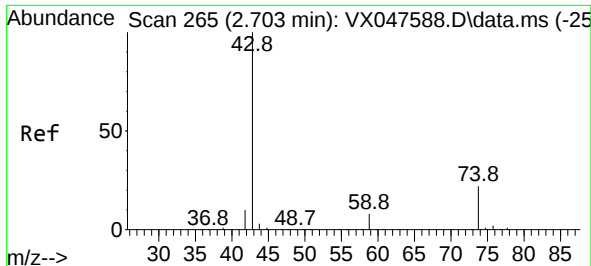
Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



#17
Carbon Disulfide
Concen: 0.499 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.012 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion: 76 Resp: 2660
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2





#18

Methyl Acetate

Concen: 0.228 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX048011.D

Acq: 06 Oct 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

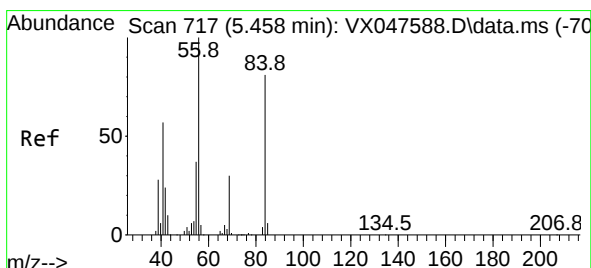
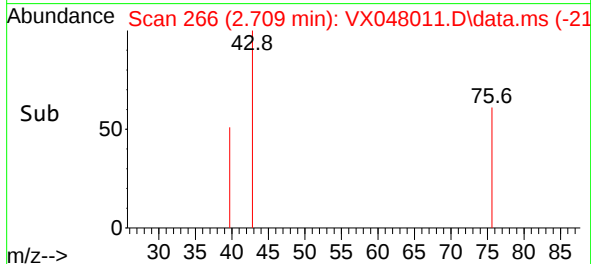
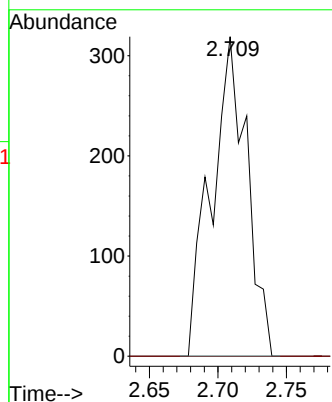
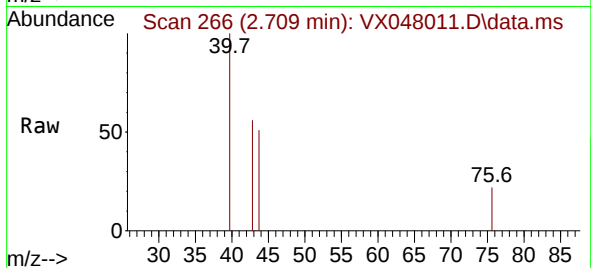
VX1006WBL01

Tgt Ion: 43 Resp: 576

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.2#



#31

Cyclohexane

Concen: 1.094 ug/l

RT: 5.531 min Scan# 729

Delta R.T. 0.073 min

Lab File: VX048011.D

Acq: 06 Oct 2025 09:44

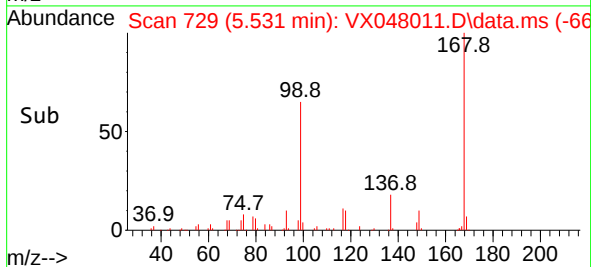
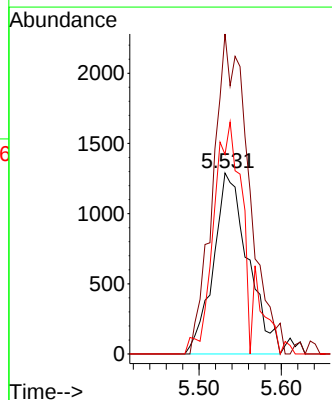
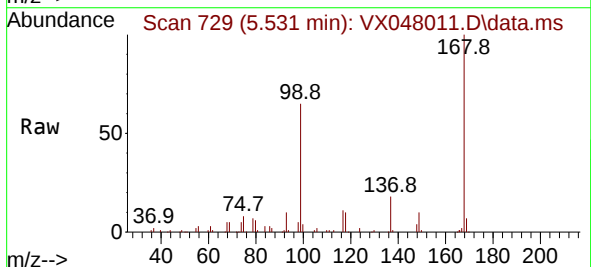
Tgt Ion: 56 Resp: 3769

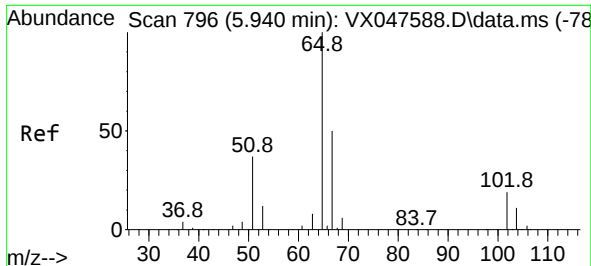
Ion Ratio Lower Upper

56 100

69 176.9 23.8 35.8#

84 110.3 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 51.844 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048011.D

Acq: 06 Oct 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

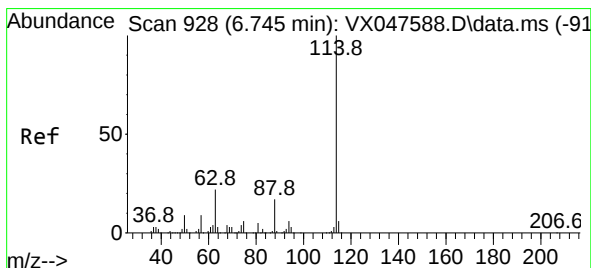
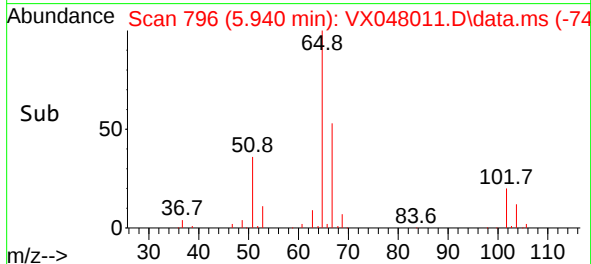
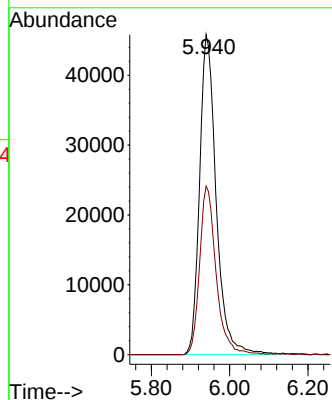
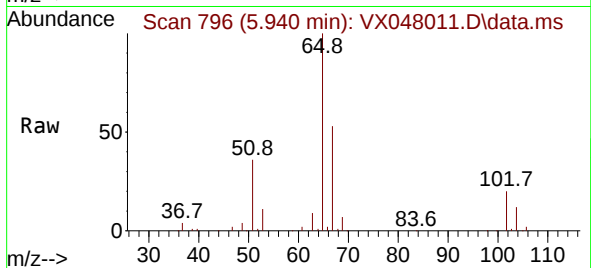
VX1006WBL01

Tgt Ion: 65 Resp: 135132

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048011.D

Acq: 06 Oct 2025 09:44

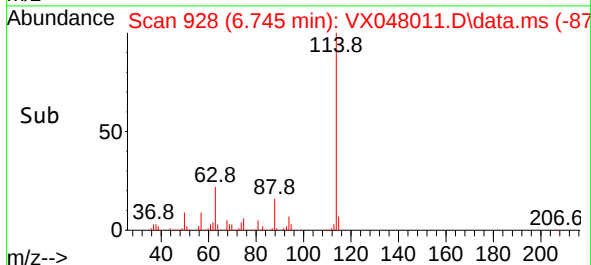
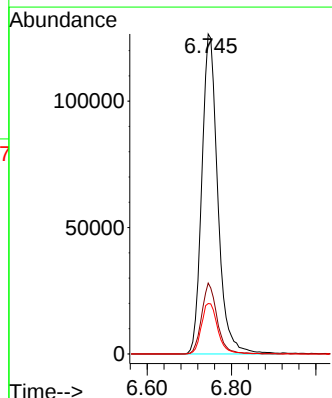
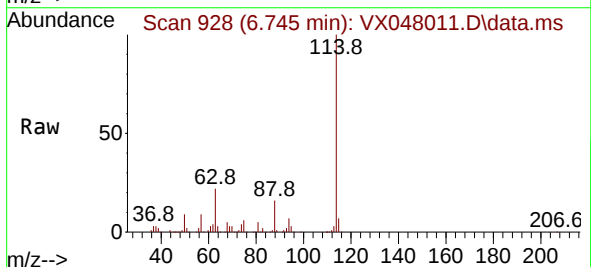
Tgt Ion: 114 Resp: 333598

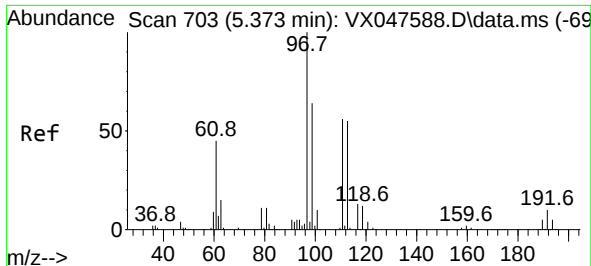
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 15.8 0.0 34.2

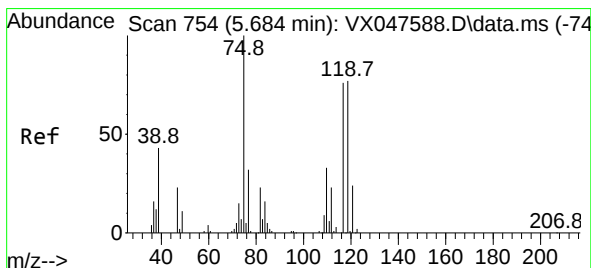
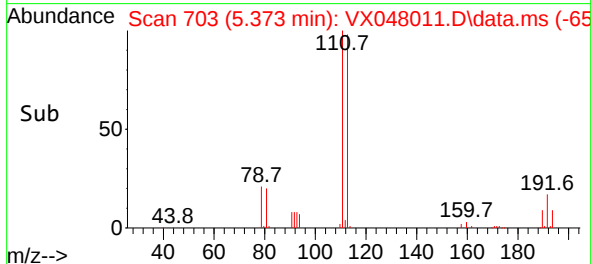
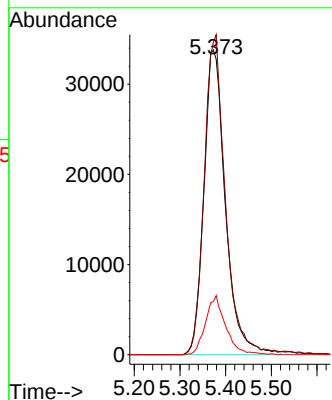
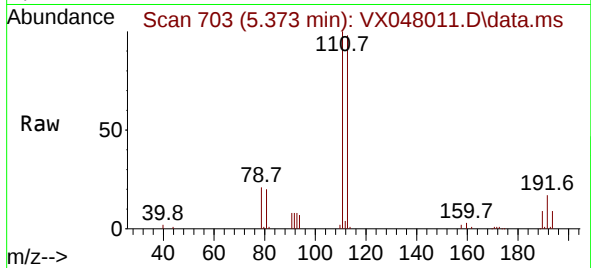




#35
Dibromofluoromethane
Concen: 49.362 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

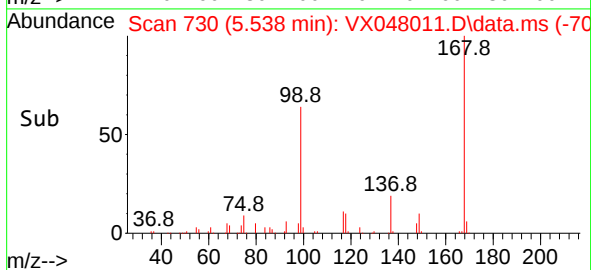
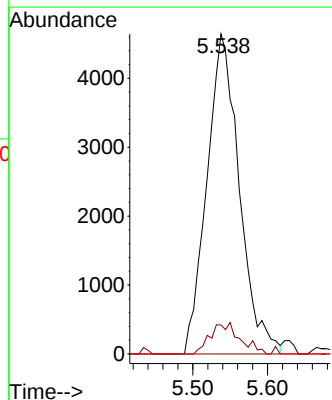
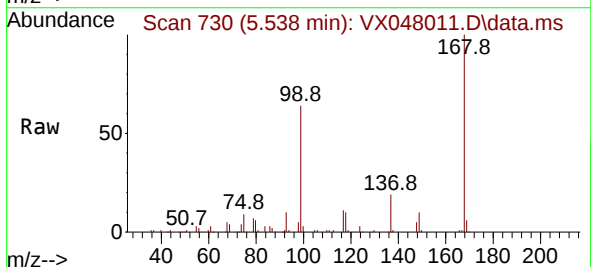
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

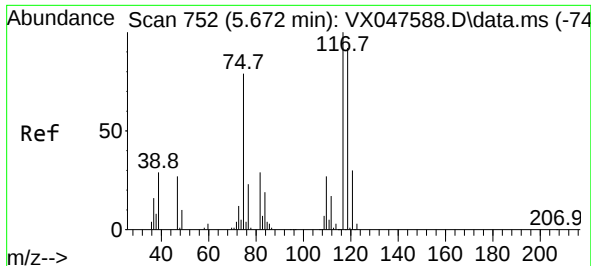
Tgt Ion:113 Resp: 110438
Ion Ratio Lower Upper
113 100
111 103.3 80.9 121.3
192 18.1 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.282 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

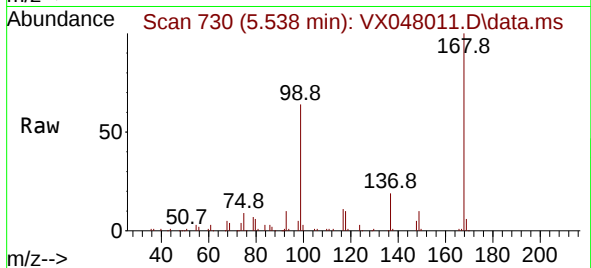
Tgt Ion: 75 Resp: 13998
Ion Ratio Lower Upper
75 100
110 8.9 16.7 50.1#
77 0.0 24.3 36.5#



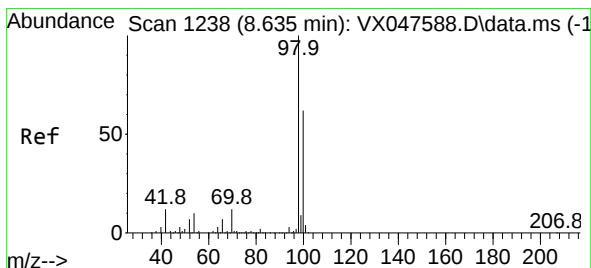
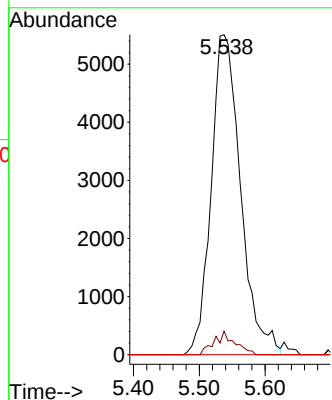
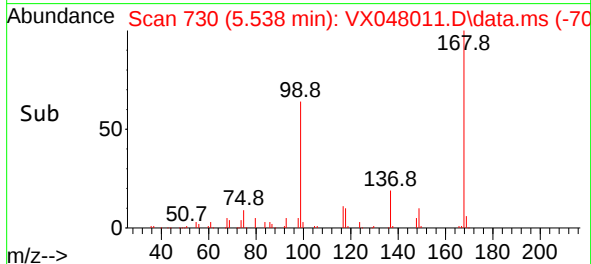


#38
Carbon Tetrachloride
Concen: 4.828 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

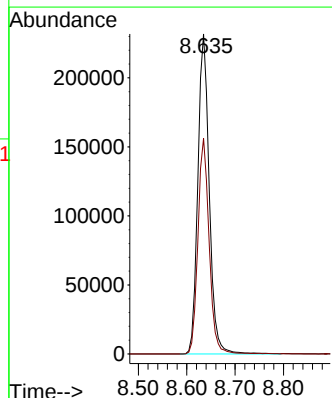
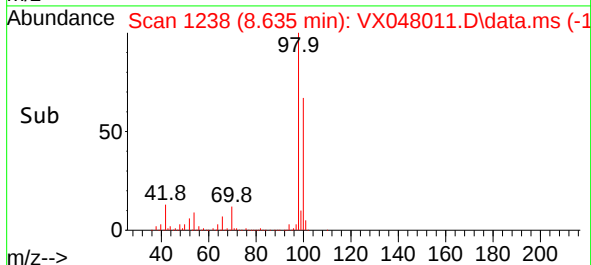
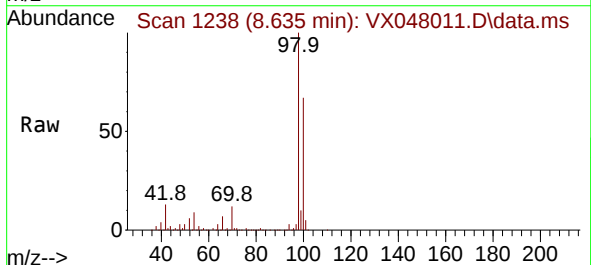


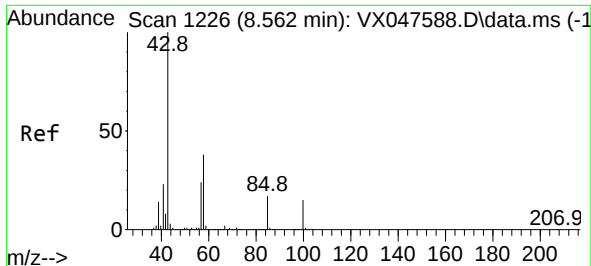
Tgt Ion:117 Resp: 17151
Ion Ratio Lower Upper
117 100
119 7.4 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.882 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion: 98 Resp: 378416
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

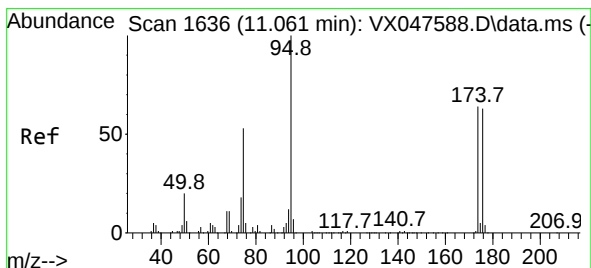
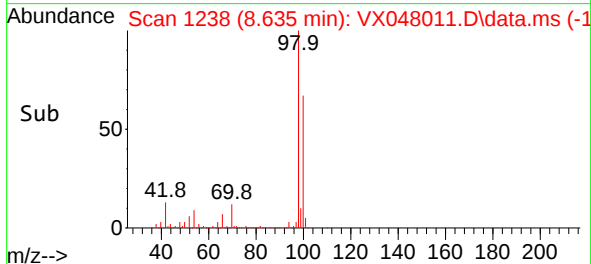
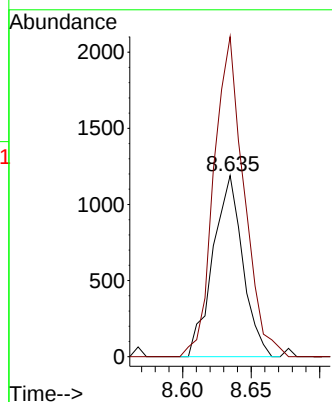
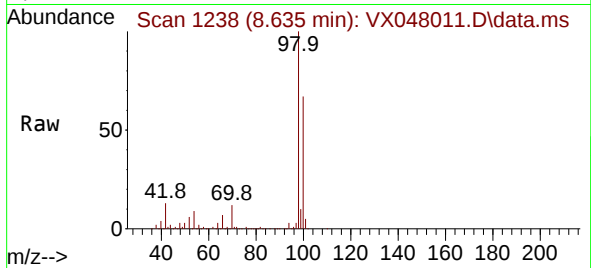




#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

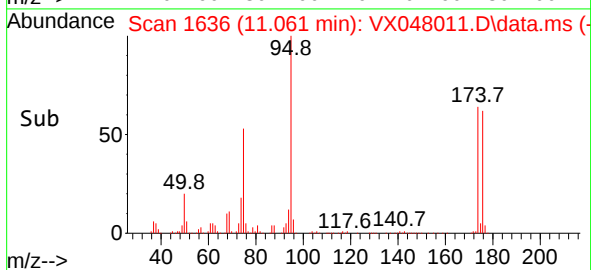
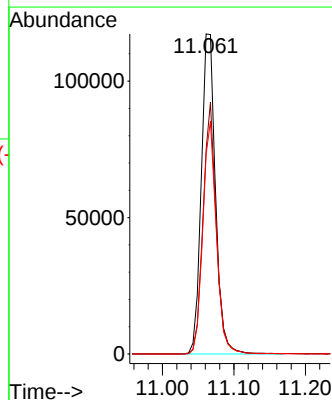
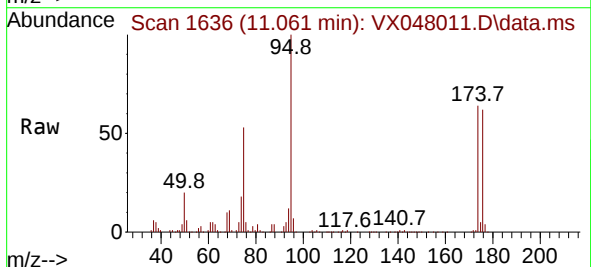
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

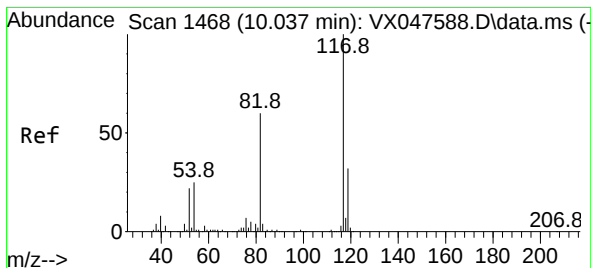
Tgt Ion: 43 Resp: 1798
Ion Ratio Lower Upper
43 100
58 178.9 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 54.907 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion: 95 Resp: 161318
Ion Ratio Lower Upper
95 100
174 73.7 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: VX048011.D

Acq: 06 Oct 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBL01

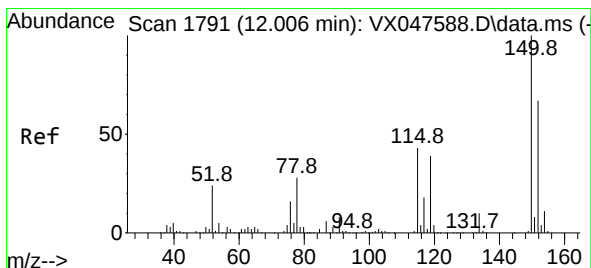
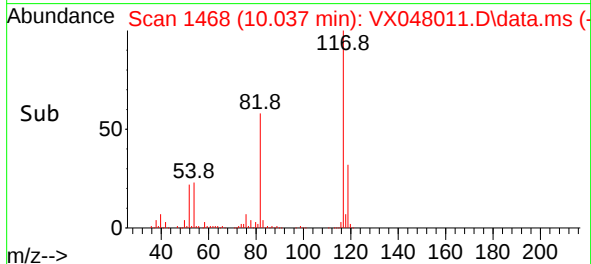
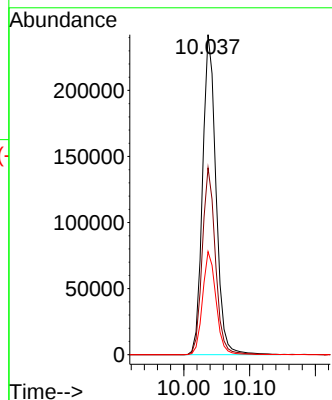
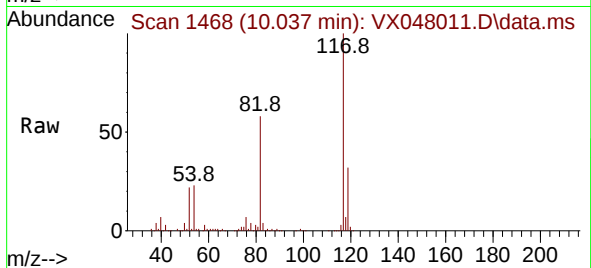
Tgt Ion:117 Resp: 343343

Ion Ratio Lower Upper

117 100

82 58.4 47.8 71.6

119 32.2 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: VX048011.D

Acq: 06 Oct 2025 09:44

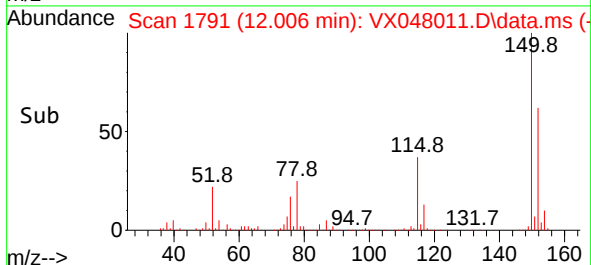
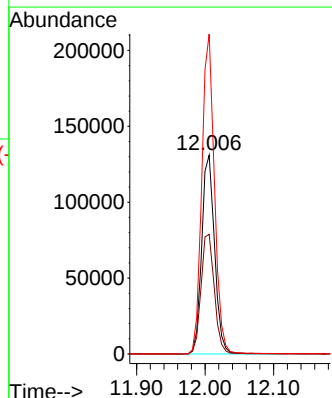
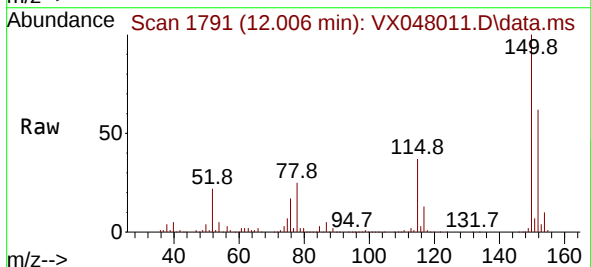
Tgt Ion:152 Resp: 171990

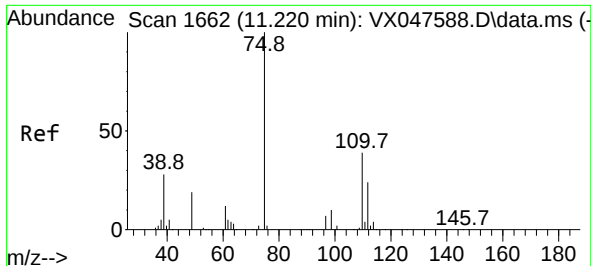
Ion Ratio Lower Upper

152 100

115 62.3 44.9 134.5

150 157.8 0.0 352.0

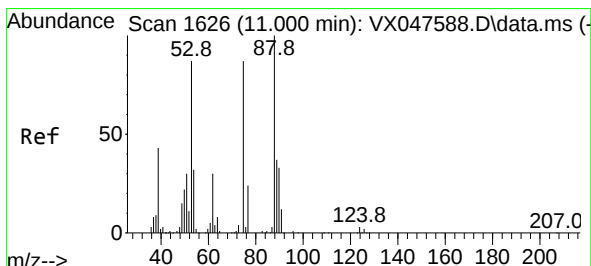
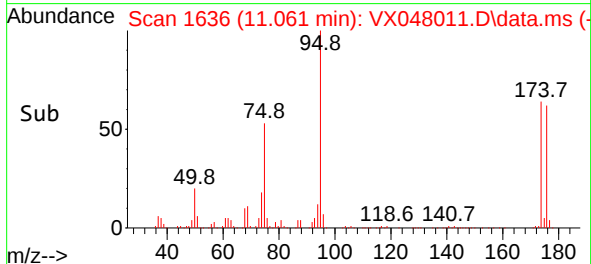
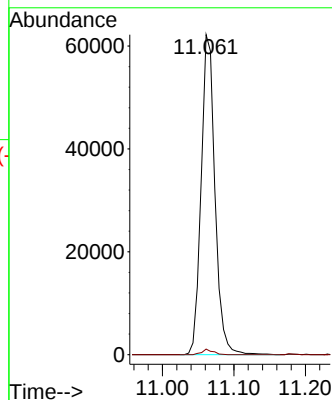
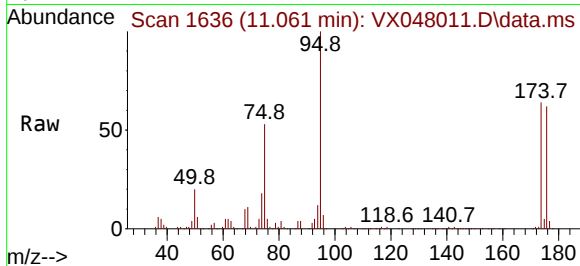




#76
1,2,3-Trichloropropane
Concen: 24.034 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

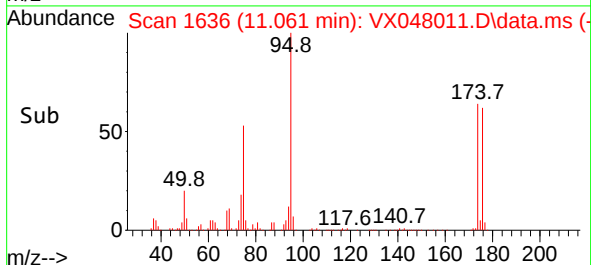
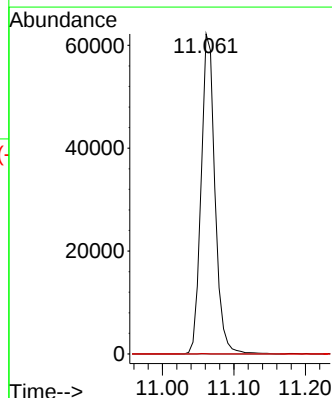
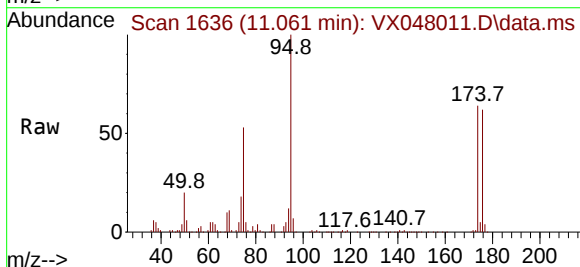
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

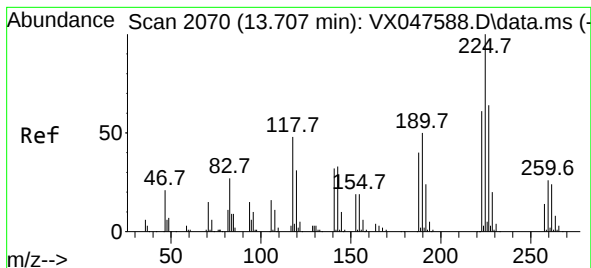
Tgt Ion: 75 Resp: 83691
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.289 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048011.D
Acq: 06 Oct 2025 09:44

Tgt Ion: 75 Resp: 83691
Ion Ratio Lower Upper
75 100
53 0.1 83.4 125.2#
89 0.0 36.3 54.5#





#94

Hexachlorobutadiene

Concen: 0.593 ug/l

RT: 13.701 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX048011.D

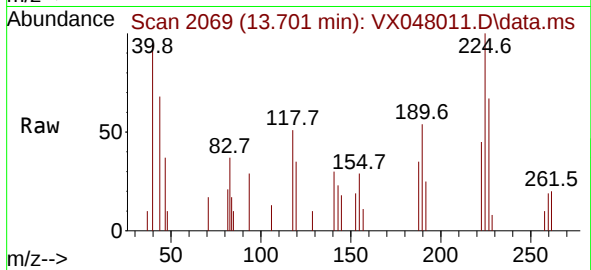
Acq: 06 Oct 2025 09:44

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBL01



Tgt Ion:225 Resp: 746

Ion Ratio Lower Upper

225 100

223 71.2 31.7 95.1

227 63.3 32.0 96.0

