

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047962.D
 Acq On : 02 Oct 2025 13:07
 Operator : JC/MD
 Sample : Q3246-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-DUP-20250925

Quant Time: Oct 03 03:29:44 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)

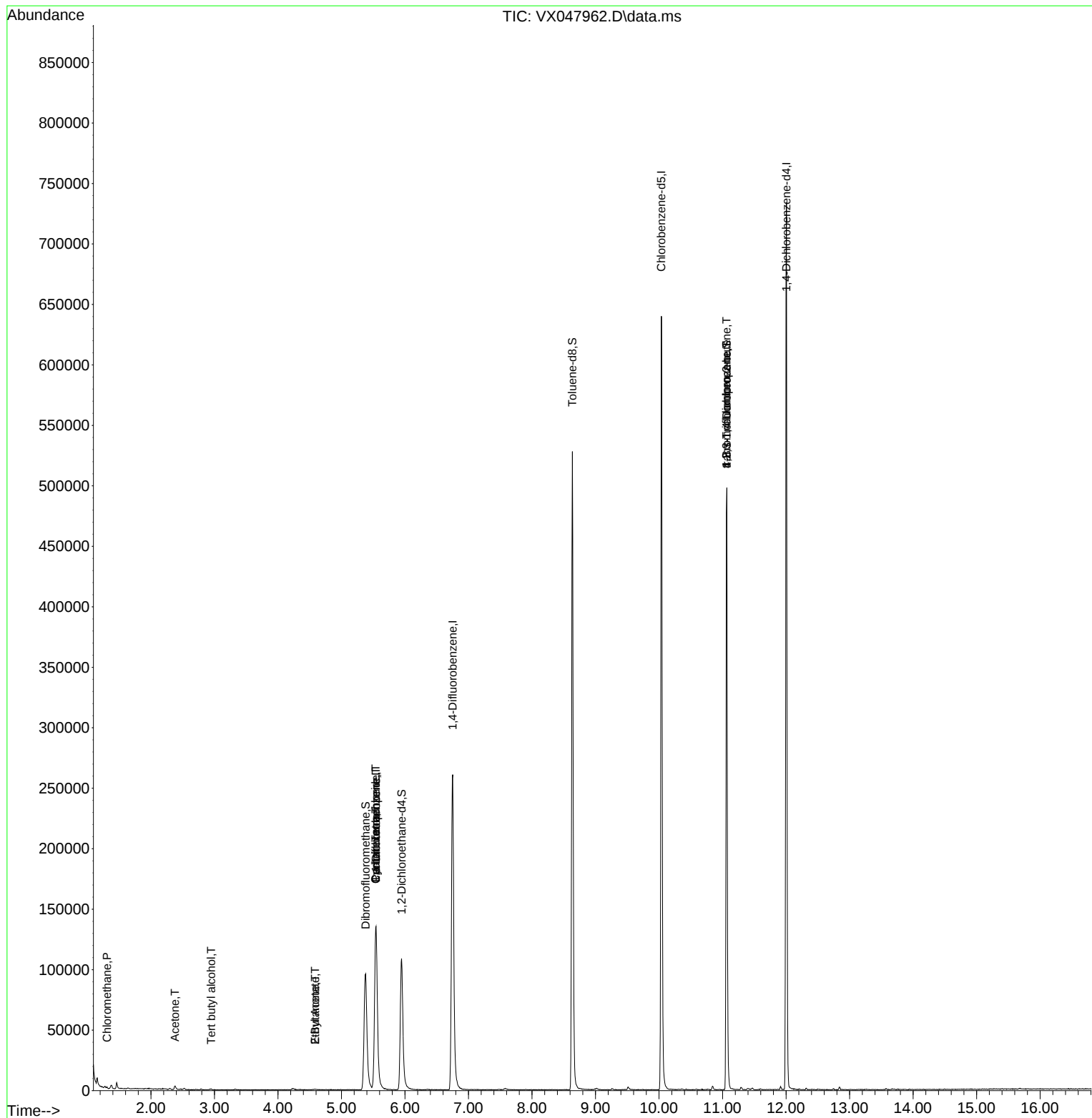
Internal Standards						
1) Pentafluorobenzene	5.544	168	135174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	286335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	299172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	150587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117999	54.842	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.680%	
35) Dibromofluoromethane	5.379	113	95408	49.683	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.360%	
50) Toluene-d8	8.635	98	326742	49.173	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	11.061	95	142221	56.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	496	0.270	ug/l	95
11) Tert butyl alcohol	2.947	59	116	0.484	ug/l #	72
16) Acetone	2.380	43	3821	4.084	ug/l	95
25) 2-Butanone	4.586	43	869	0.745	ug/l #	73
31) Cyclohexane	5.538	56	3099	1.090	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11622	4.142	ug/l #	49
37) Ethyl Acetate	4.586	43	869	0.289	ug/l #	71
38) Carbon Tetrachloride	5.538	117	14998	4.919	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	73710	24.176	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	73710	61.652	ug/l #	8

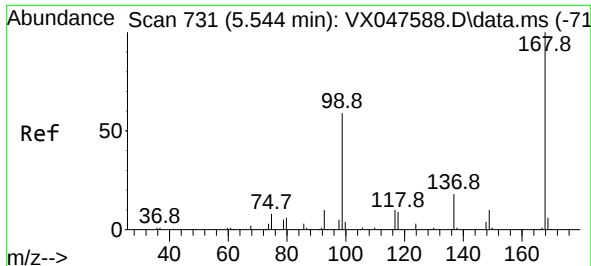
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
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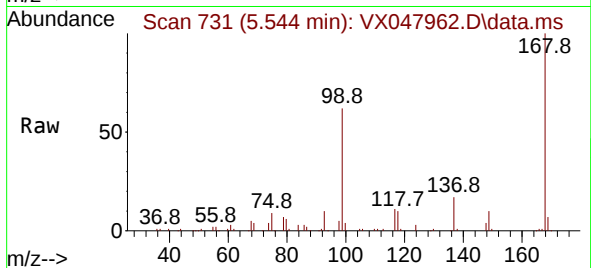
Quant Time: Oct 03 03:29:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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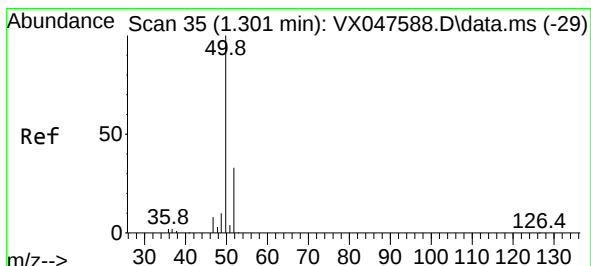
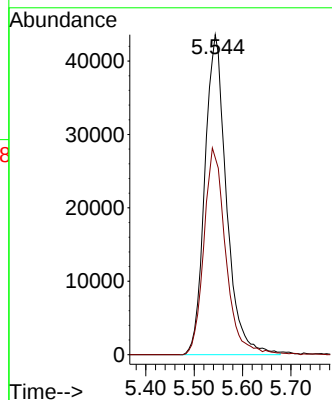
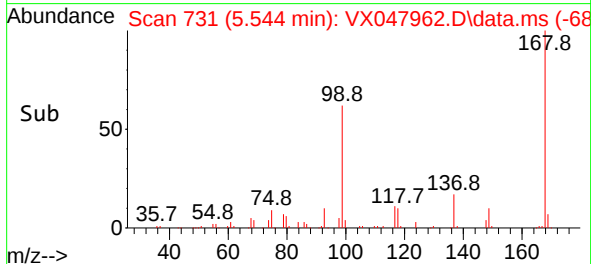


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

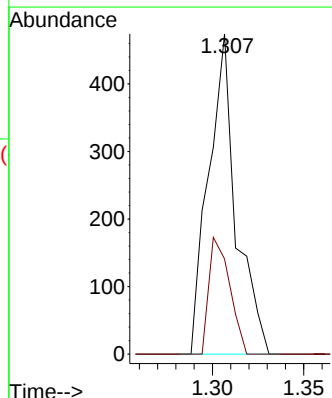
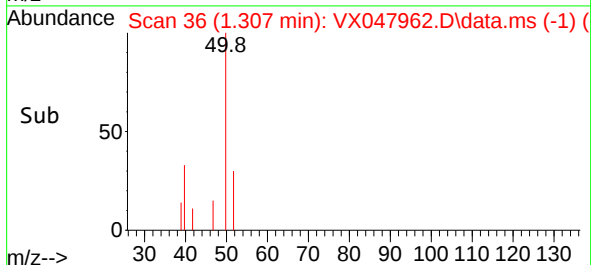
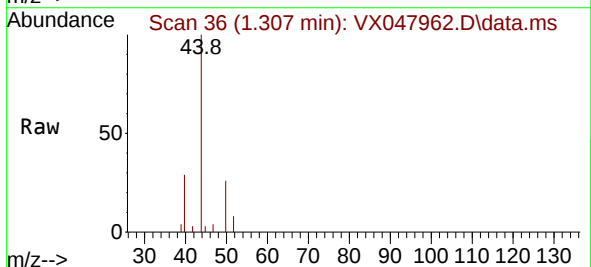


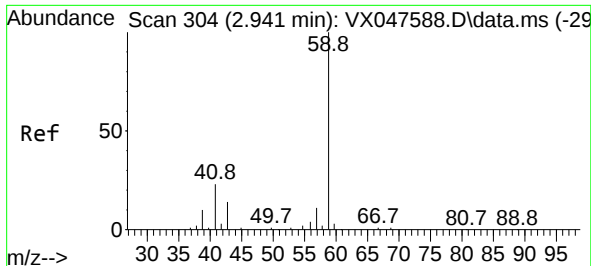
Tgt Ion:168 Resp: 135174
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 50 Resp: 496
Ion Ratio Lower Upper
50 100
52 29.7 26.1 39.1

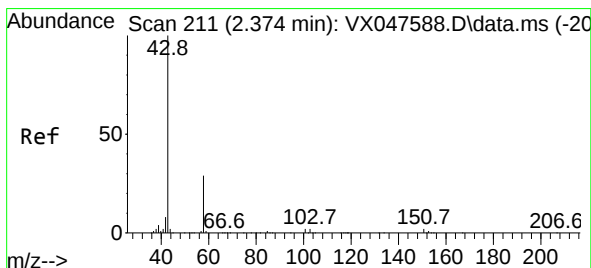
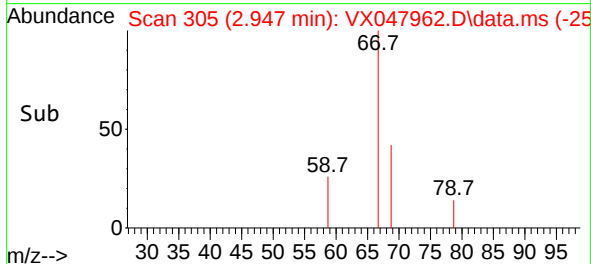
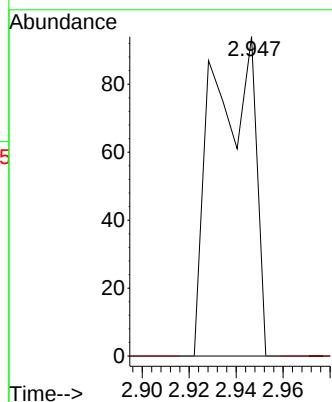
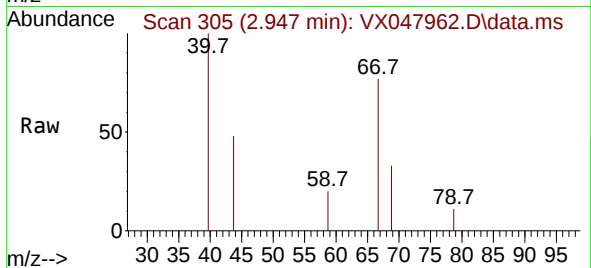




#11
Tert butyl alcohol
Concen: 0.484 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

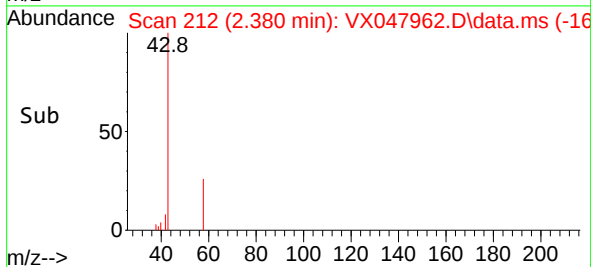
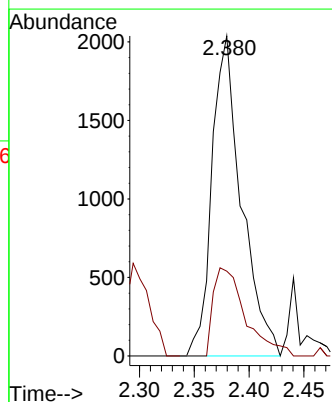
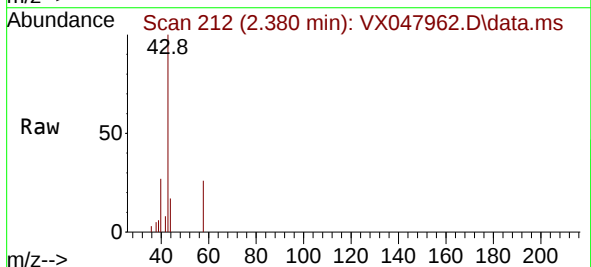
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

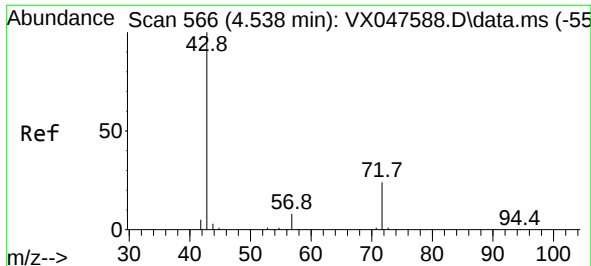
Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 4.084 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 43 Resp: 3821
Ion Ratio Lower Upper
43 100
58 26.5 23.4 35.0

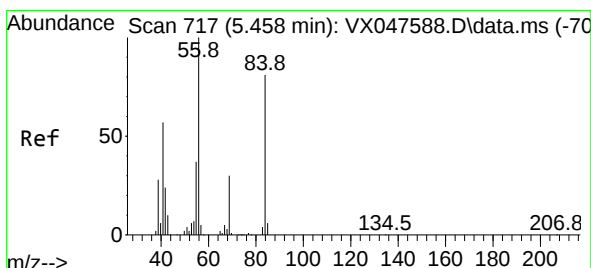
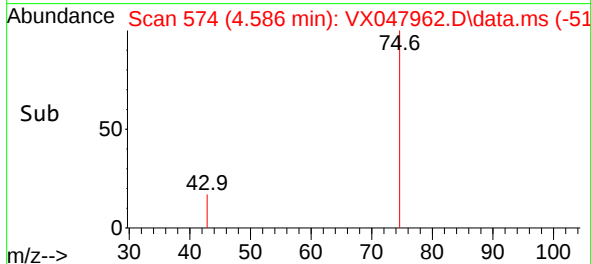
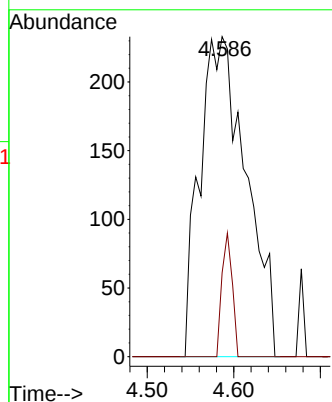
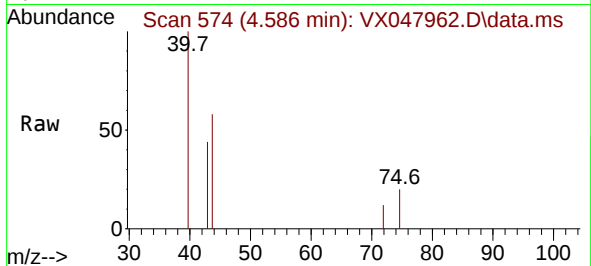




#25
2-Butanone
Concen: 0.745 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

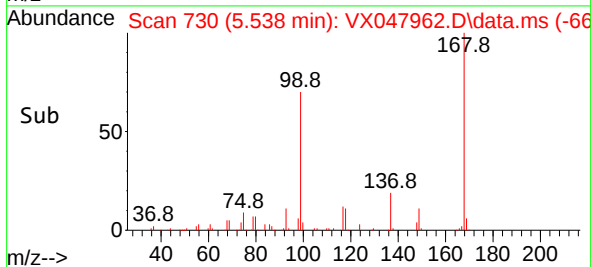
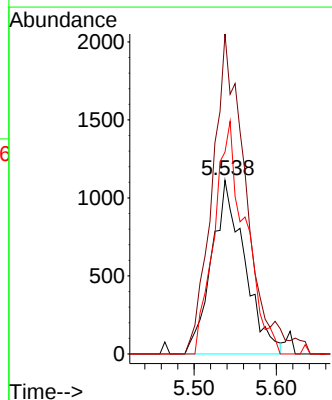
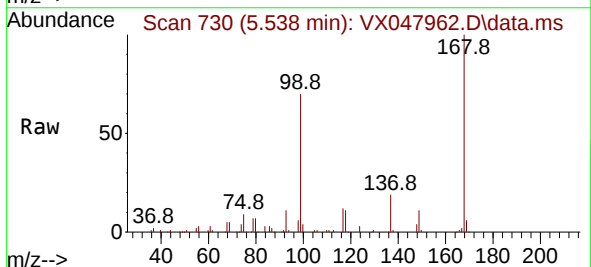
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20250925

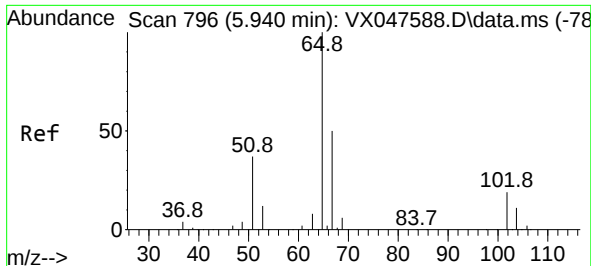
Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
72 11.3 20.1 30.1#



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 56 Resp: 3099
Ion Ratio Lower Upper
56 100
69 184.3 23.8 35.8#
84 116.3 64.6 97.0#

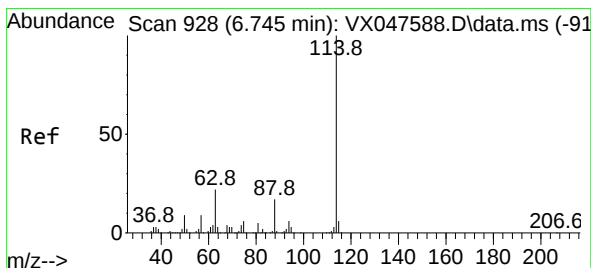
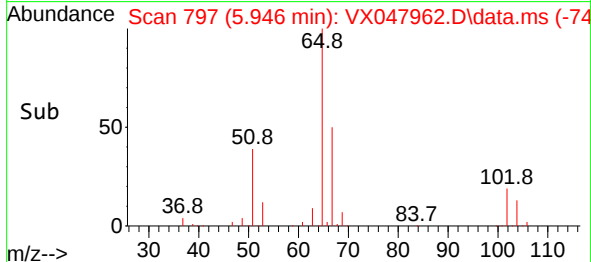
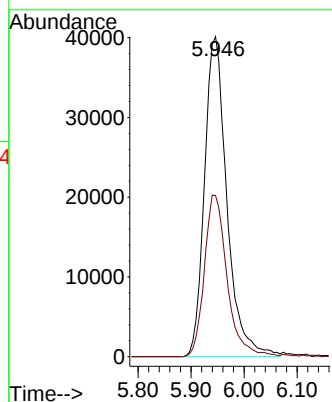
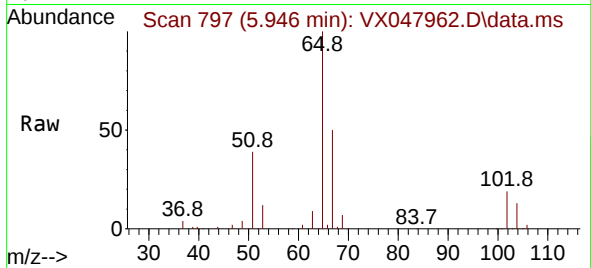




#33
 1,2-Dichloroethane-d4
 Concen: 54.842 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX047962.D
 Acq: 02 Oct 2025 13:07

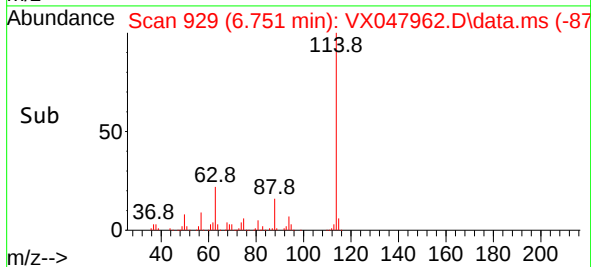
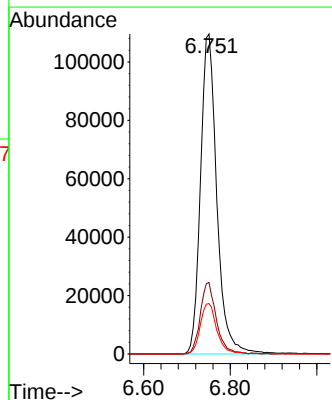
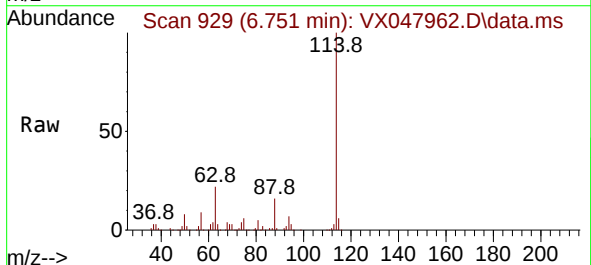
Instrument :
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 ClientSampleId :
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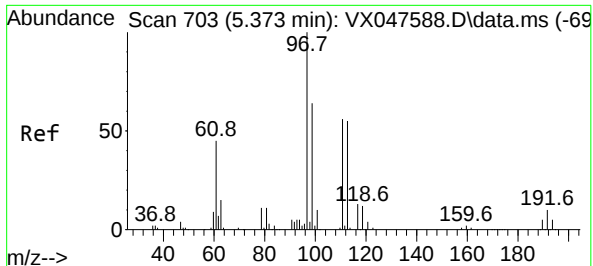
Tgt Ion: 65 Resp: 117999
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX047962.D
 Acq: 02 Oct 2025 13:07

Tgt Ion: 114 Resp: 286335
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.0
 88 15.8 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.683 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047962.D

Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-DUP-20250925

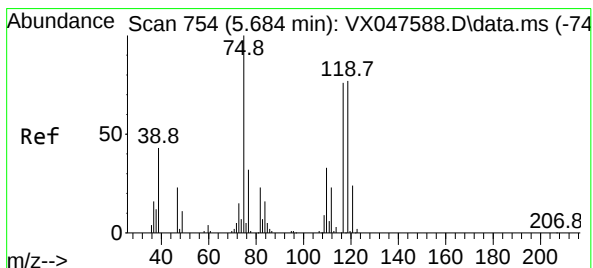
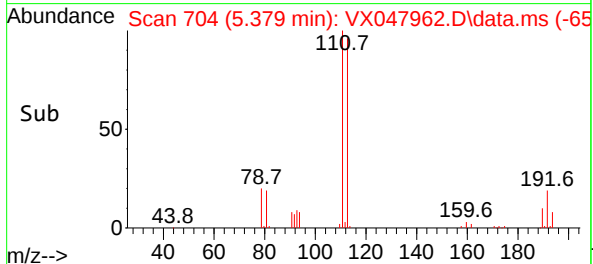
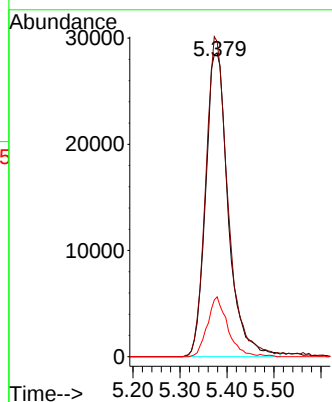
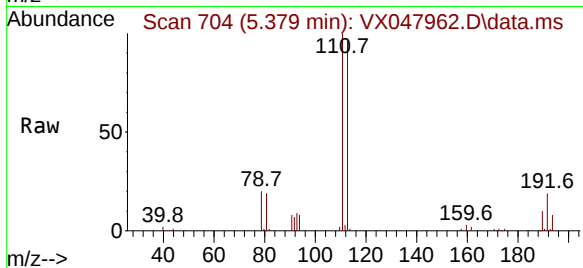
Tgt Ion:113 Resp: 95408

Ion Ratio Lower Upper

113 100

111 104.0 80.9 121.3

192 17.7 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.142 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX047962.D

Acq: 02 Oct 2025 13:07

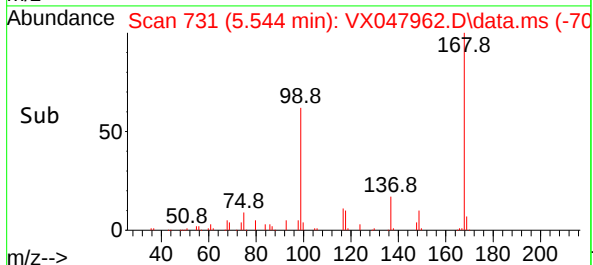
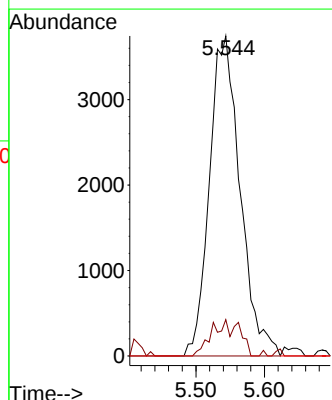
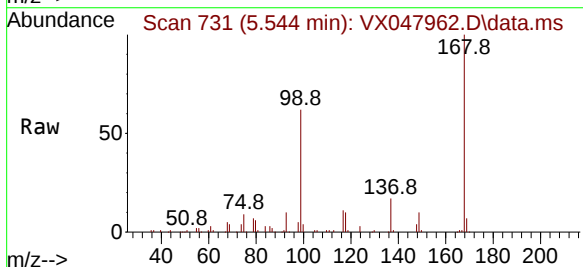
Tgt Ion: 75 Resp: 11622

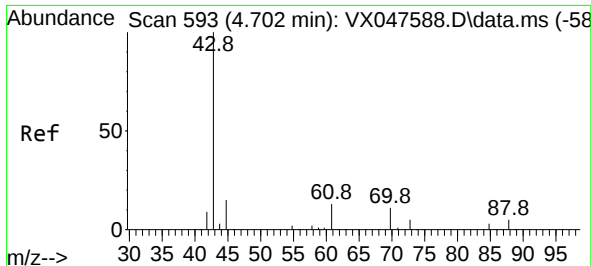
Ion Ratio Lower Upper

75 100

110 6.6 16.7 50.1#

77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 0.289 ug/l

RT: 4.586 min Scan# 51

Delta R.T. -0.116 min

Lab File: VX047962.D

Acq: 02 Oct 2025 13:07

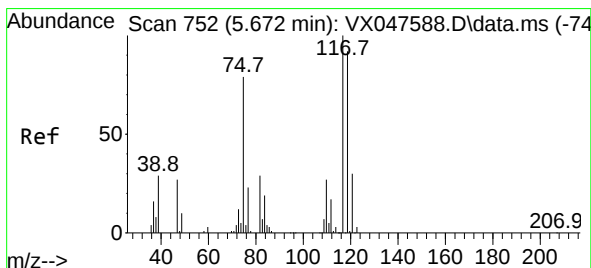
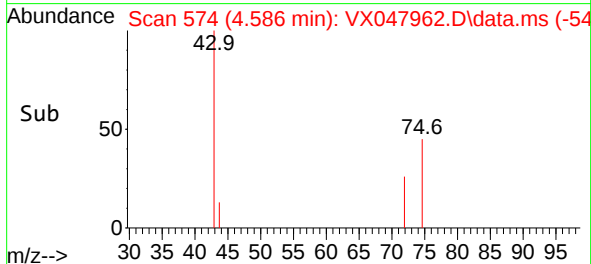
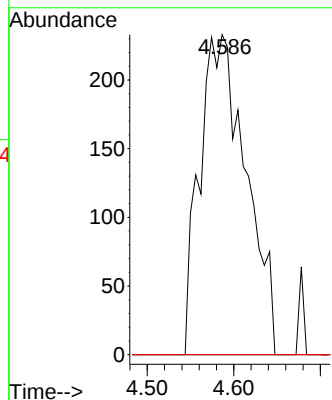
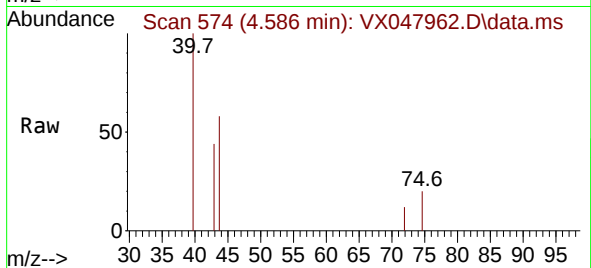
Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-DUP-20250925

Tgt Ion: 43	Resp: 869
Ion Ratio	Lower Upper
43	100
61	0.0 9.8 14.8#
70	0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 4.919 ug/l

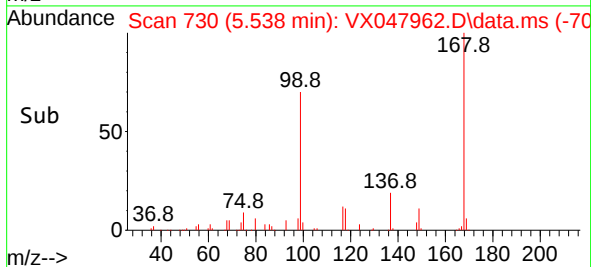
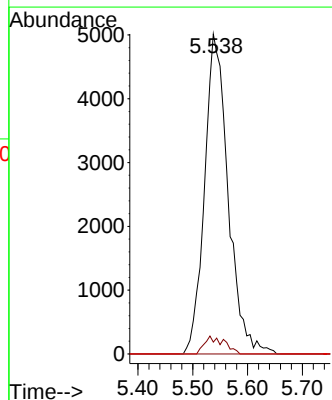
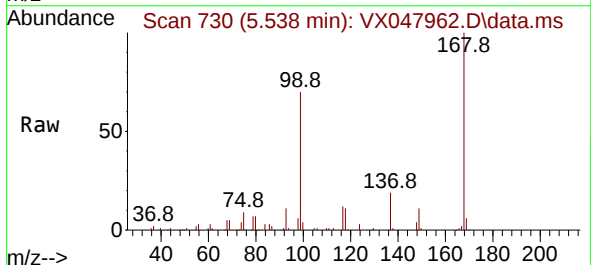
RT: 5.538 min Scan# 730

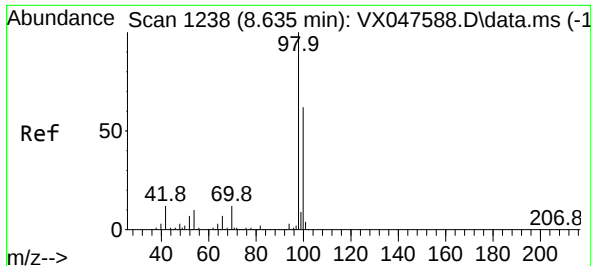
Delta R.T. -0.134 min

Lab File: VX047962.D

Acq: 02 Oct 2025 13:07

Tgt Ion: 117	Resp: 14998
Ion Ratio	Lower Upper
117	100
119	3.7 73.4 110.2#
121	0.0 23.8 35.6#

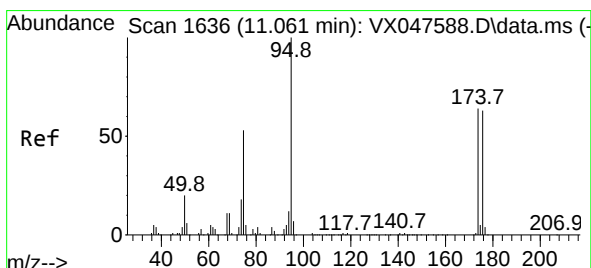
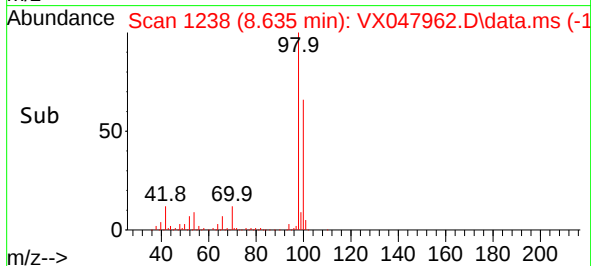
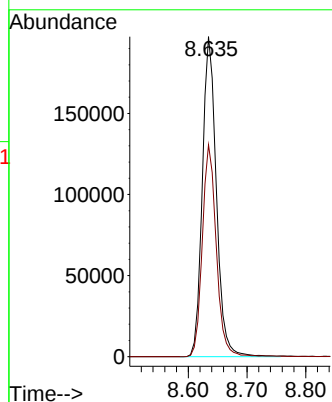
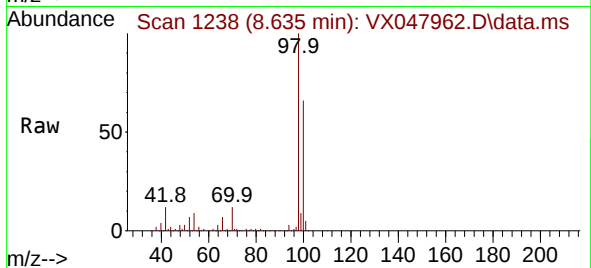




#50
Toluene-d8
Concen: 49.173 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

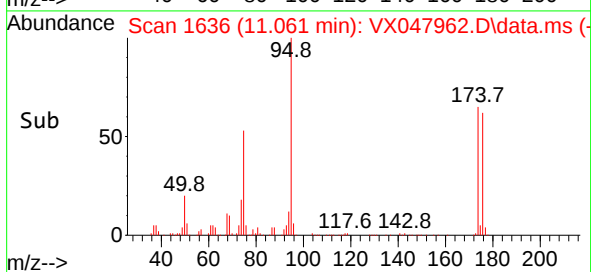
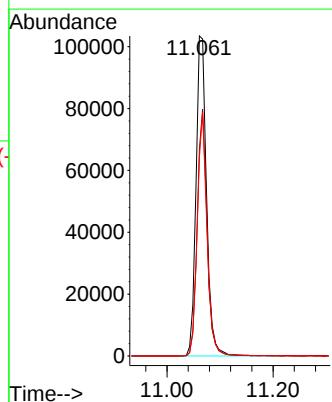
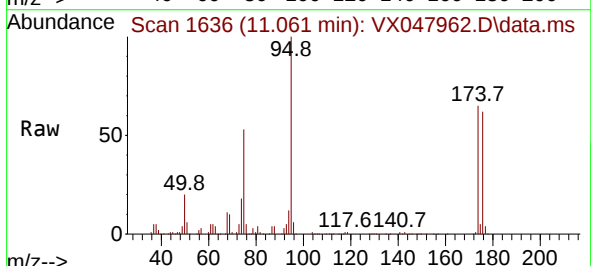
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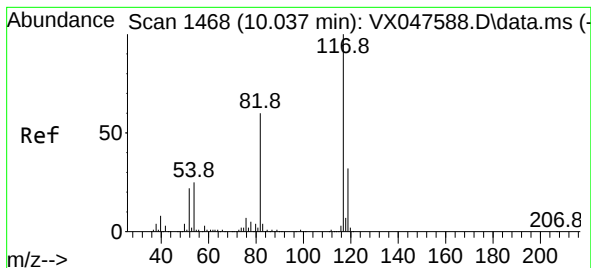
Tgt Ion: 98 Resp: 326742
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.397 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047962.D
Acq: 02 Oct 2025 13:07

Tgt Ion: 95 Resp: 142221
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 70.3 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: VX047962.D

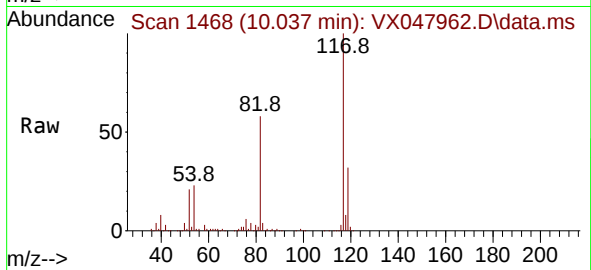
Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-DUP-20250925



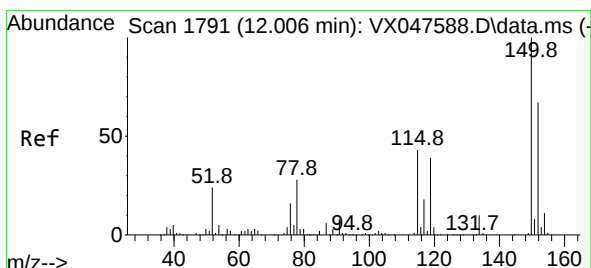
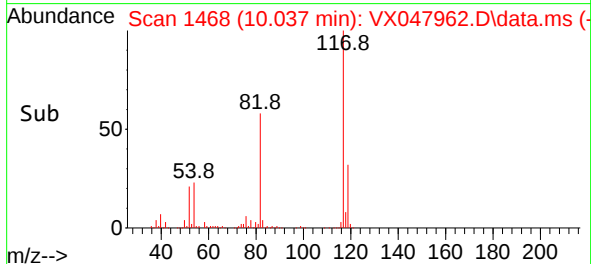
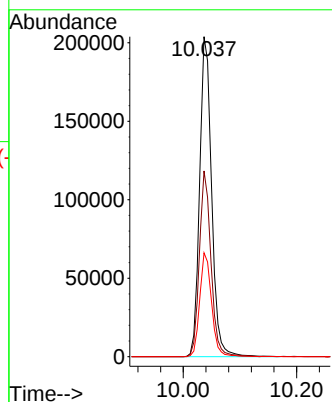
Tgt Ion:117 Resp: 299172

Ion Ratio Lower Upper

117 100

82 58.0 47.8 71.6

119 32.4 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: VX047962.D

Acq: 02 Oct 2025 13:07

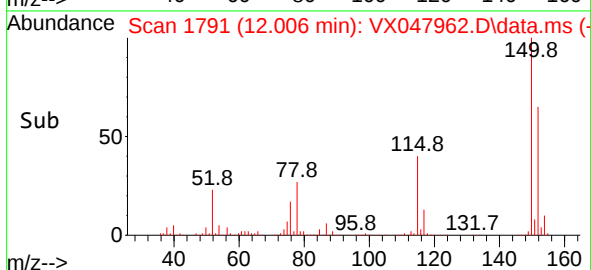
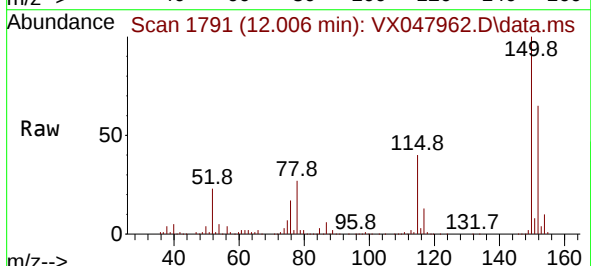
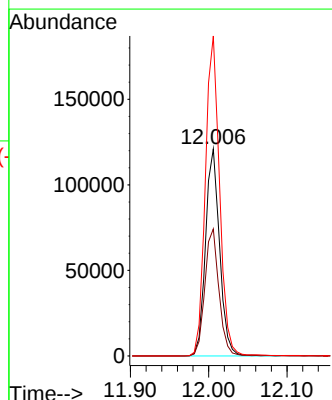
Tgt Ion:152 Resp: 150587

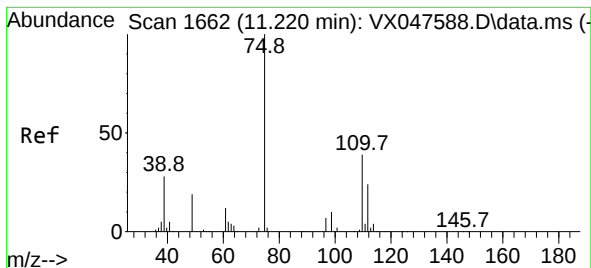
Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

150 156.1 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 24.176 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX047962.D

Acq: 02 Oct 2025 13:07

Instrument :

MSVOA_X

ClientSampleId :

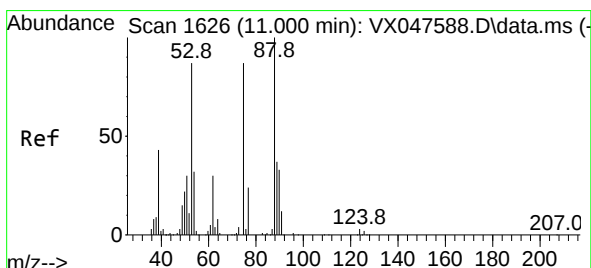
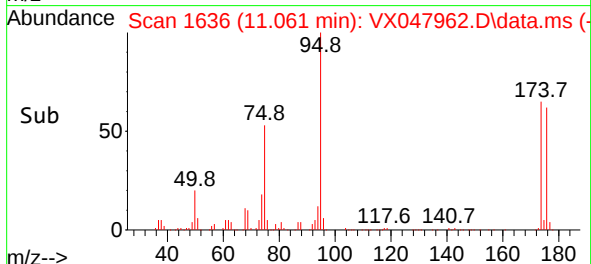
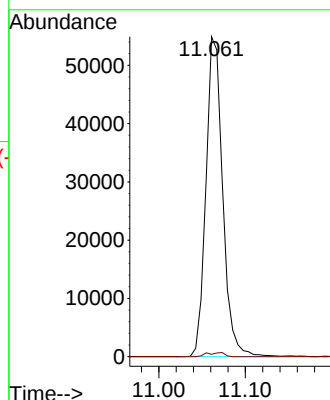
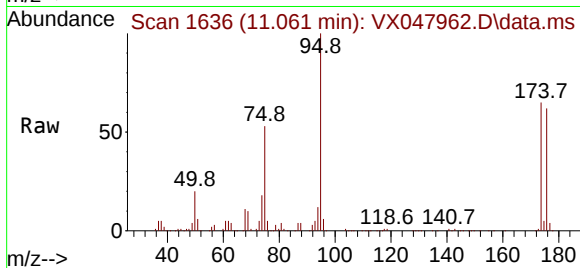
BP-VPB-184-DUP-20250925

Tgt Ion: 75 Resp: 73710

Ion Ratio Lower Upper

75 100

77 1.4 18.8 56.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.652 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX047962.D

Acq: 02 Oct 2025 13:07

Tgt Ion: 75 Resp: 73710

Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 36.3 54.5#

