

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048167.D
 Acq On : 14 Oct 2025 15:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 02:47:28 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)

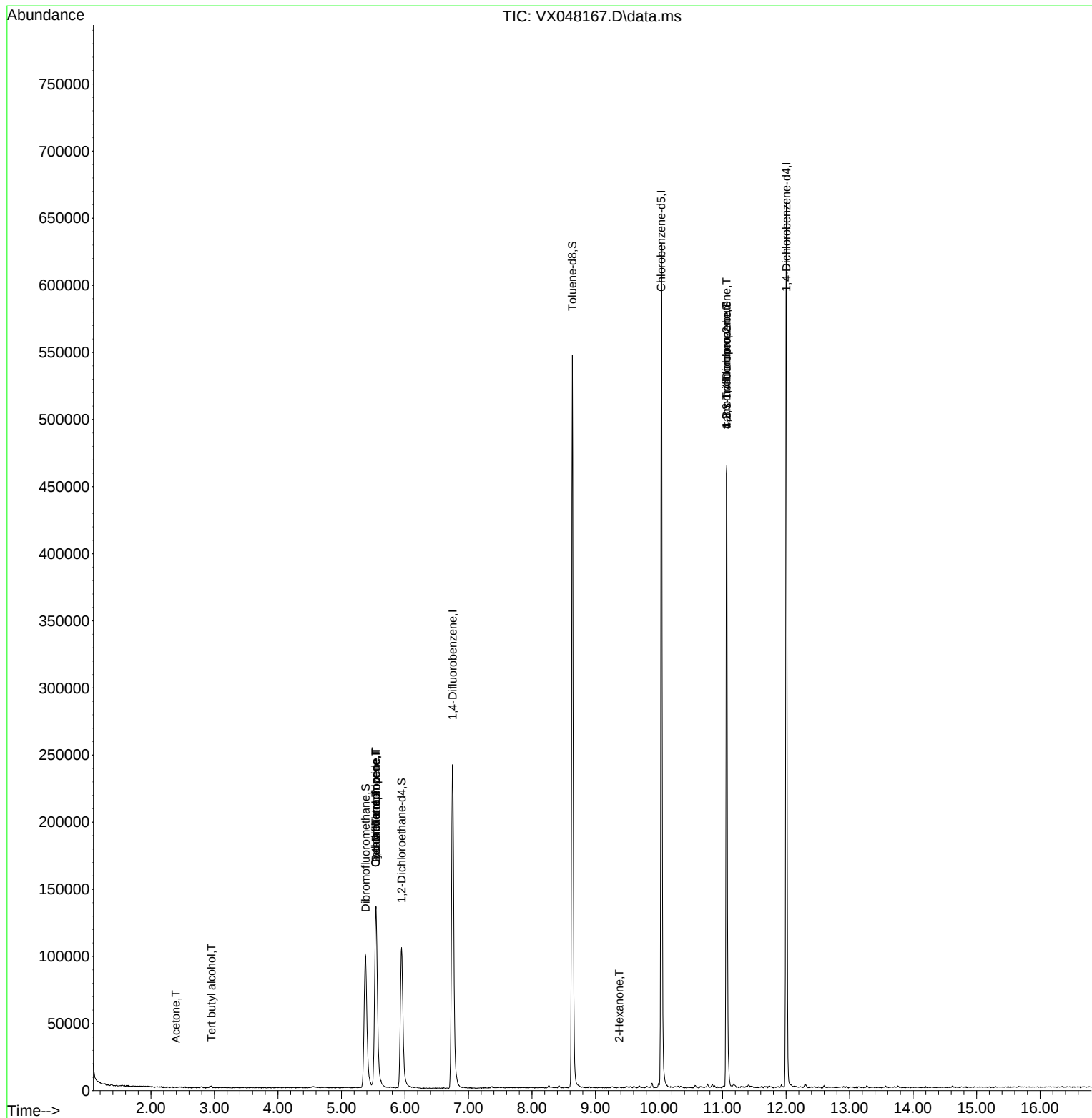
Internal Standards						
1) Pentafluorobenzene	5.544	168	134726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	271094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	114396	53.344	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.680%			
35) Dibromofluoromethane	5.379	113	95430	52.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	8.634	98	330973	52.611	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.220%			
62) 4-Bromofluorobenzene	11.061	95	135650	56.816	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.640%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	609	2.550	ug/l #	72
16) Acetone	2.392	43	331	0.355	ug/l #	45
31) Cyclohexane	5.537	56	3036	1.071	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12033	4.529	ug/l #	51
38) Carbon Tetrachloride	5.537	117	14162	4.906	ug/l #	19
59) 2-Hexanone	9.372	43	392	0.211	ug/l #	26
76) 1,2,3-Trichloropropane	11.061	75	71027	25.422	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	71027	64.830	ug/l #	8

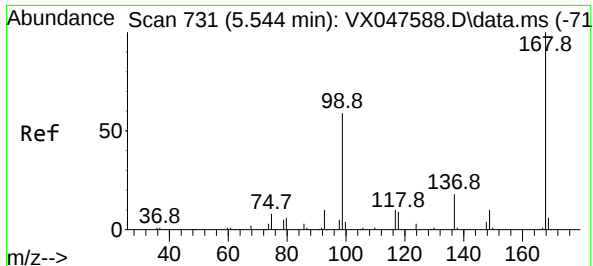
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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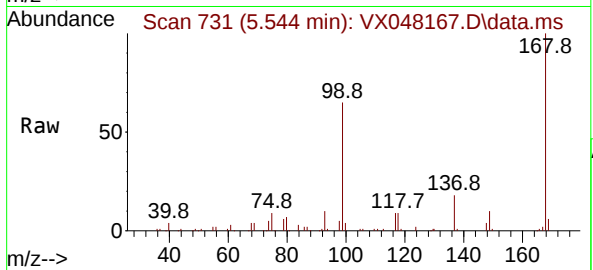


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

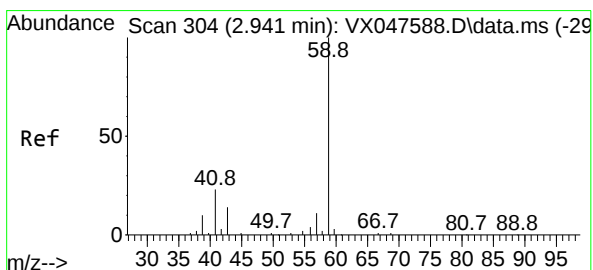
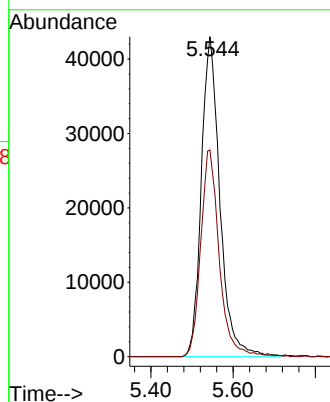
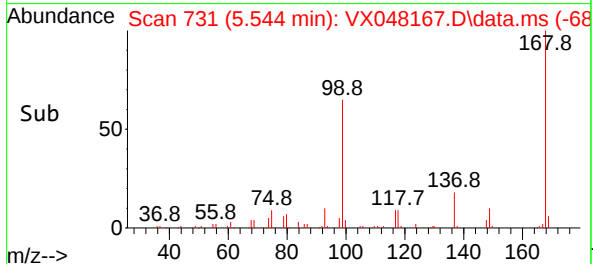
Instrument :

MSVOA_X

ClientSampleId :

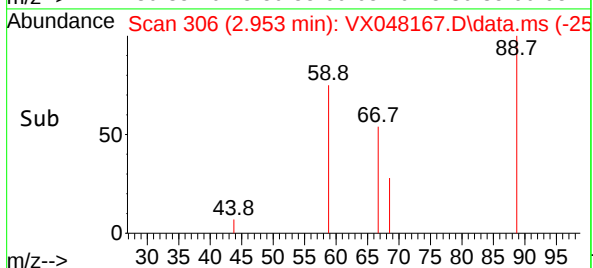
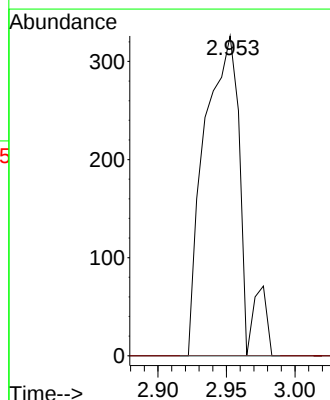
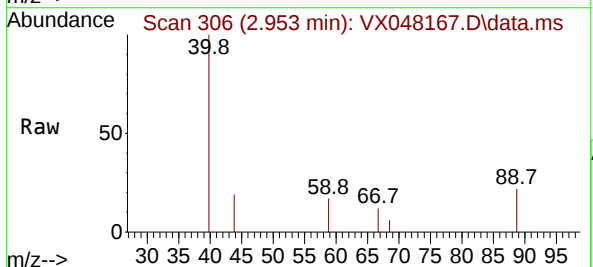


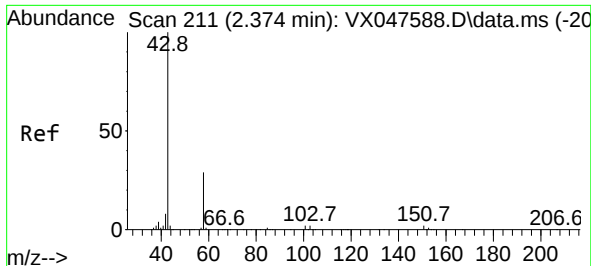
Tgt Ion:168 Resp: 134726
Ion Ratio Lower Upper
168 100
99 64.6 48.8 73.2



#11
Tert butyl alcohol
Concen: 2.550 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

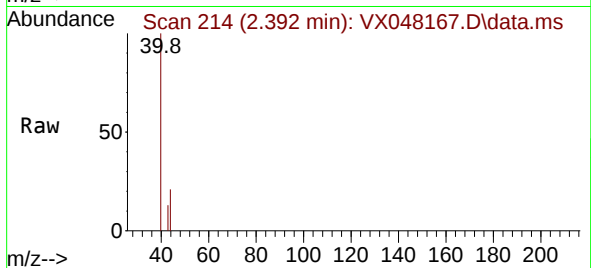
Tgt Ion: 59 Resp: 609
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



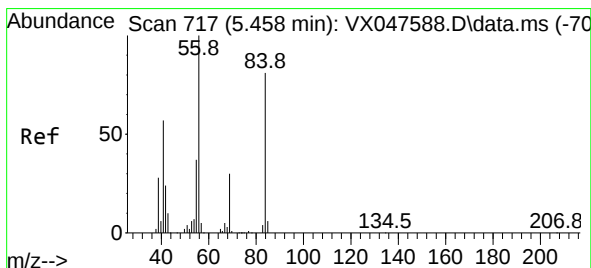
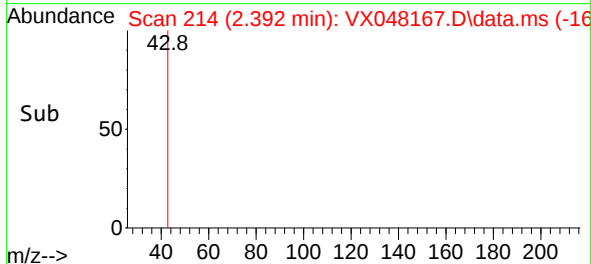
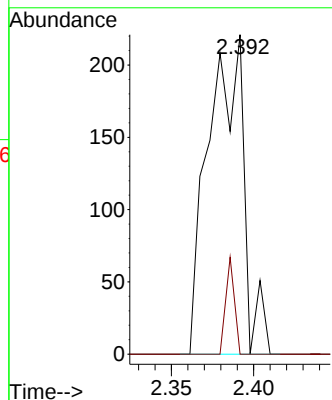


#16
Acetone
Concen: 0.355 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :

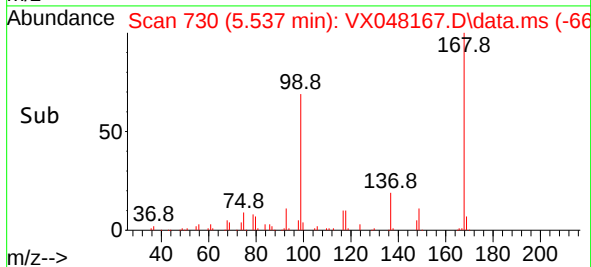
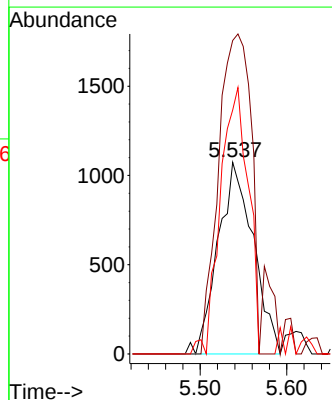
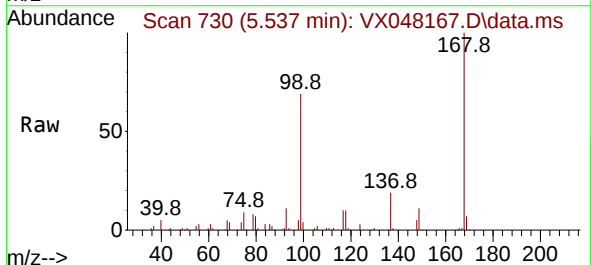


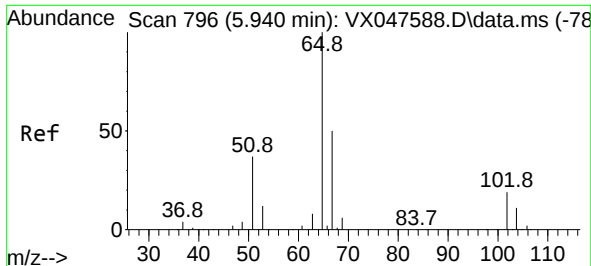
Tgt Ion: 43 Resp: 331
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



#31
Cyclohexane
Concen: 1.071 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

Tgt Ion: 56 Resp: 3036
Ion Ratio Lower Upper
56 100
69 163.5 23.8 35.8#
84 127.2 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 53.344 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048167.D

Acq: 14 Oct 2025 15:33

Instrument :

MSVOA_X

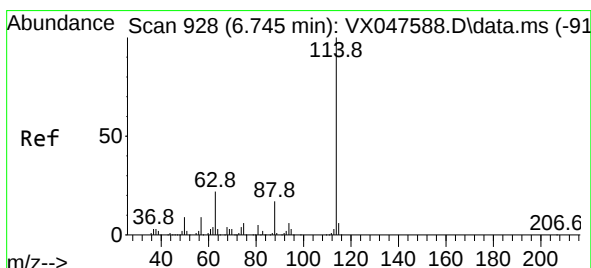
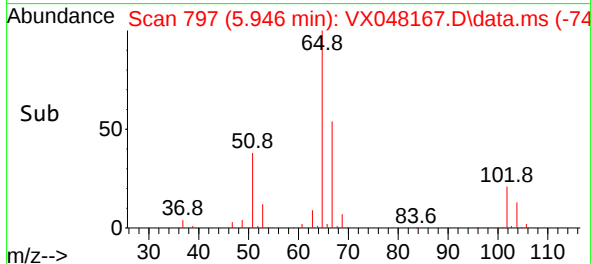
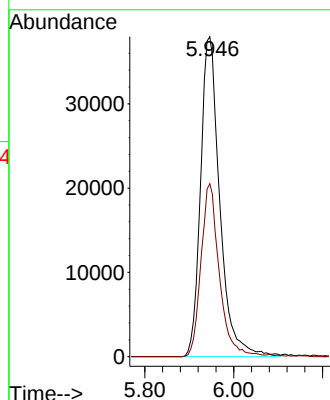
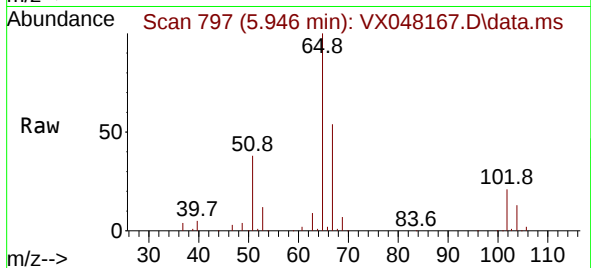
ClientSampleId :

Tgt Ion: 65 Resp: 114396

Ion Ratio Lower Upper

65 100

67 51.5 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: VX048167.D

Acq: 14 Oct 2025 15:33

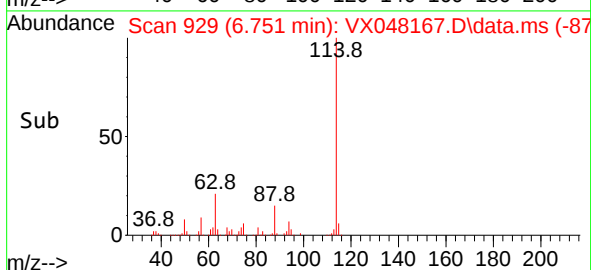
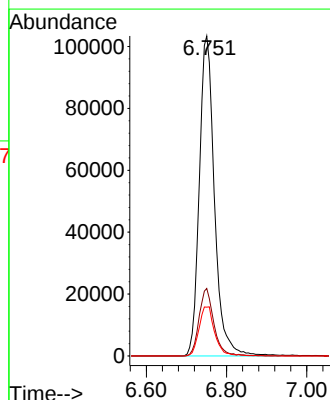
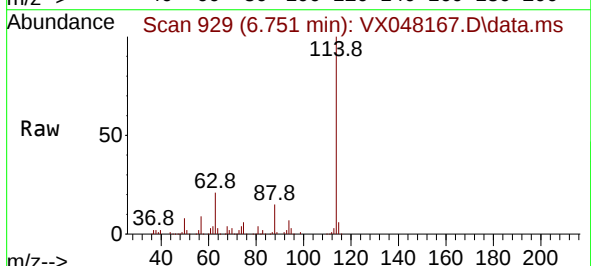
Tgt Ion: 114 Resp: 271094

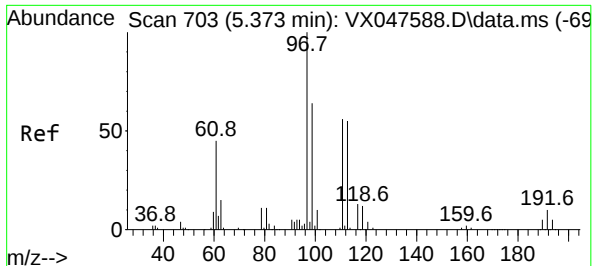
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

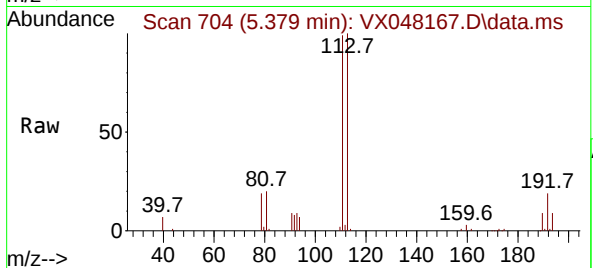
88 15.2 0.0 34.2



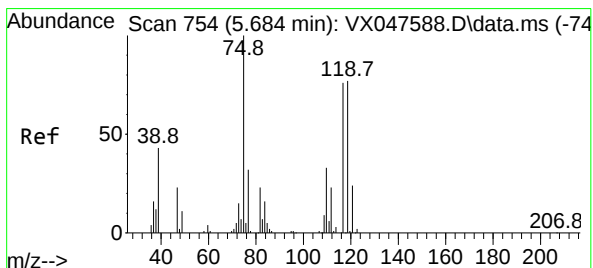
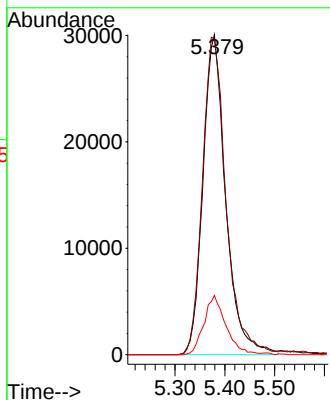
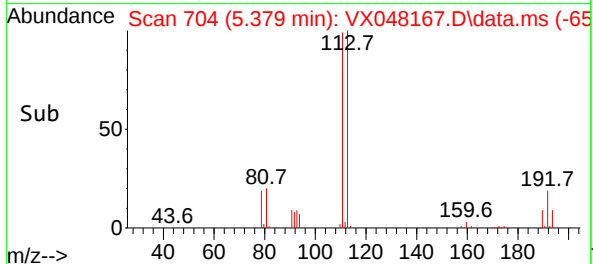


#35
Dibromofluoromethane
Concen: 52.489 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

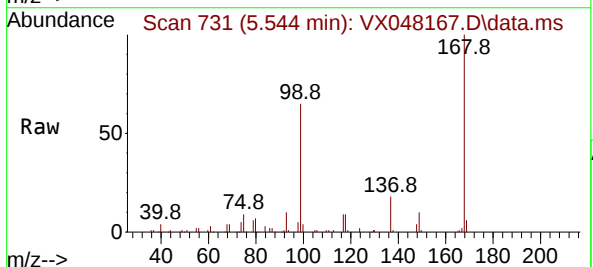
Instrument :
MSVOA_X
ClientSampleId :



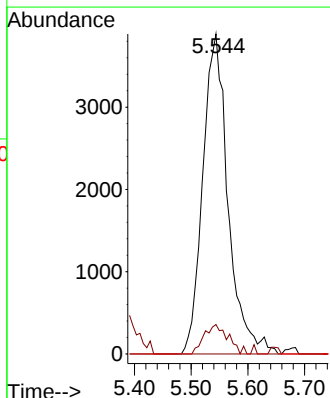
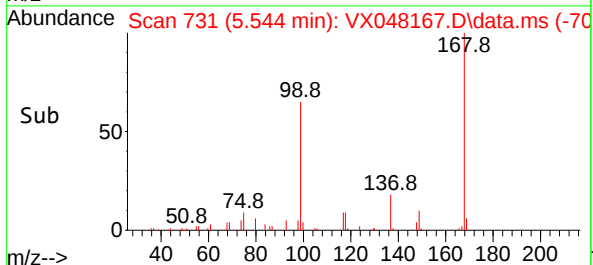
Tgt Ion:113 Resp: 95430
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 17.8 14.2 21.4

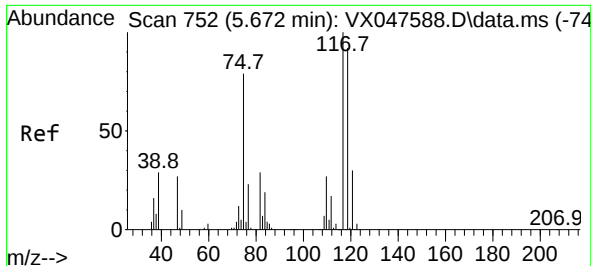


#36
1,1-Dichloropropene
Concen: 4.529 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33



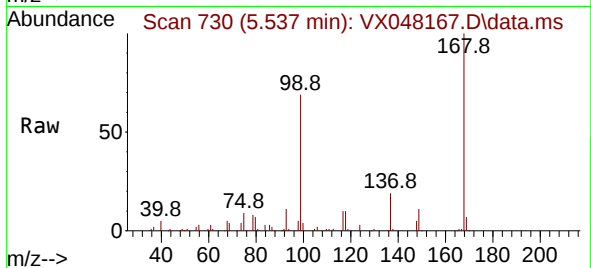
Tgt Ion: 75 Resp: 12033
Ion Ratio Lower Upper
75 100
110 8.8 16.7 50.1#
77 0.0 24.3 36.5#



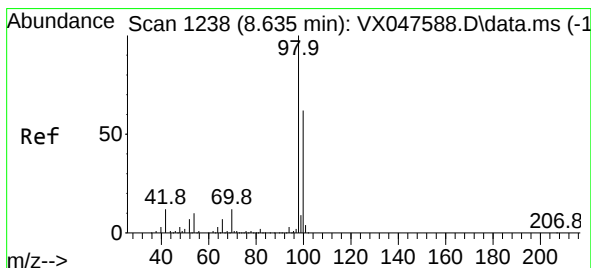
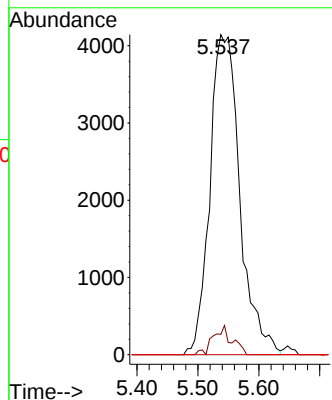
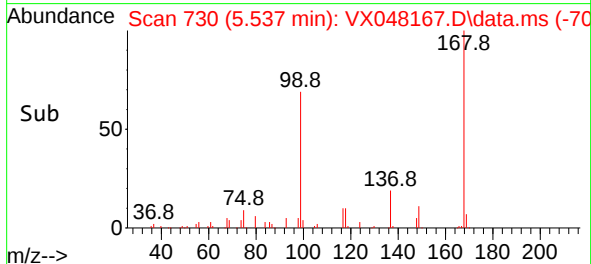


#38
Carbon Tetrachloride
Concen: 4.906 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :

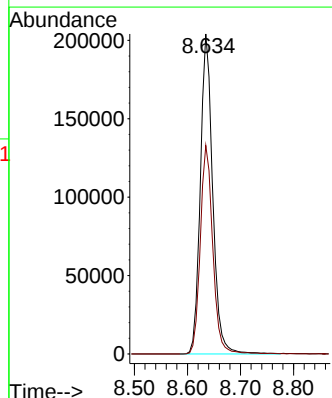
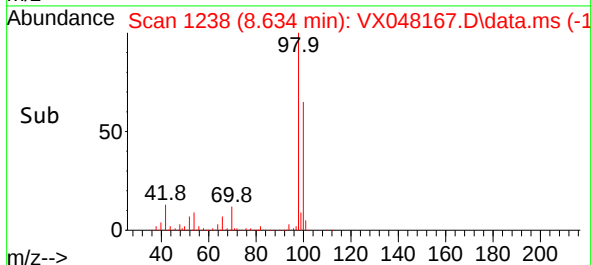
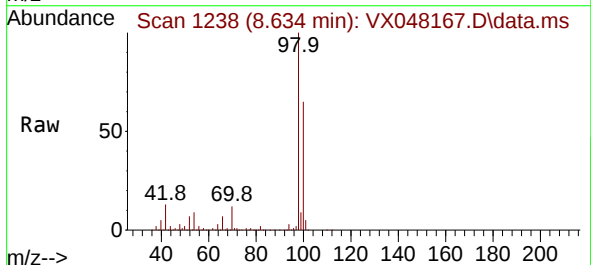


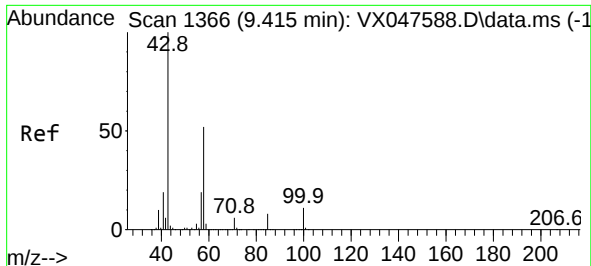
Tgt Ion:117 Resp: 14162
Ion Ratio Lower Upper
117 100
119 6.3 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 52.611 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

Tgt Ion: 98 Resp: 330973
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4





#59

2-Hexanone

Concen: 0.211 ug/l

RT: 9.372 min Scan# 11

Delta R.T. -0.043 min

Lab File: VX048167.D

Acq: 14 Oct 2025 15:33

Instrument :

MSVOA_X

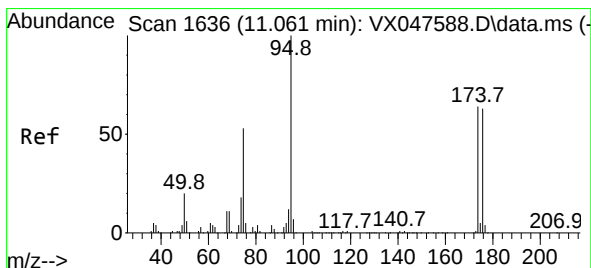
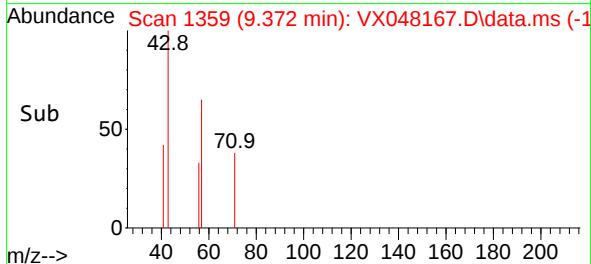
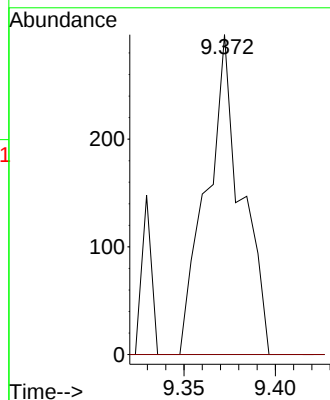
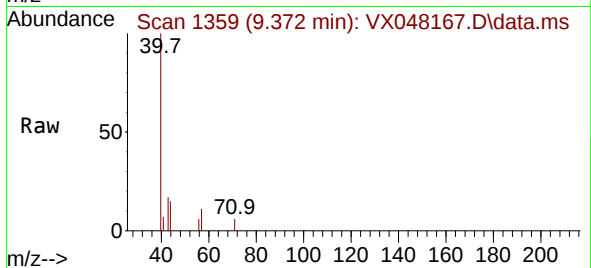
ClientSampleId :

Tgt Ion: 43 Resp: 392

Ion Ratio Lower Upper

43 100

58 0.0 26.1 78.2#



#62

4-Bromofluorobenzene

Concen: 56.816 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048167.D

Acq: 14 Oct 2025 15:33

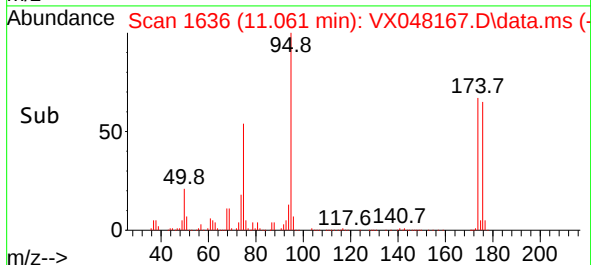
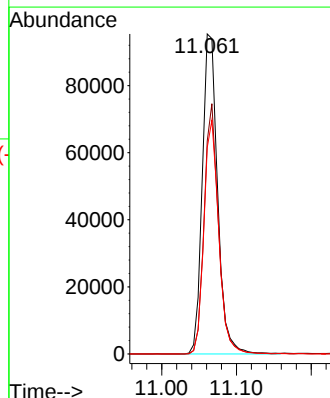
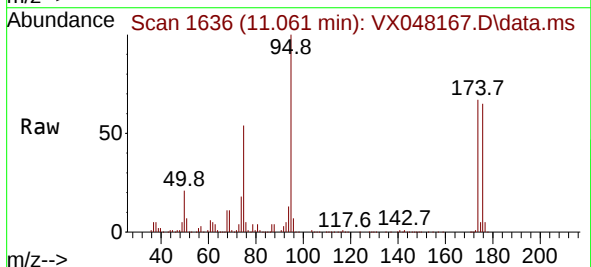
Tgt Ion: 95 Resp: 135650

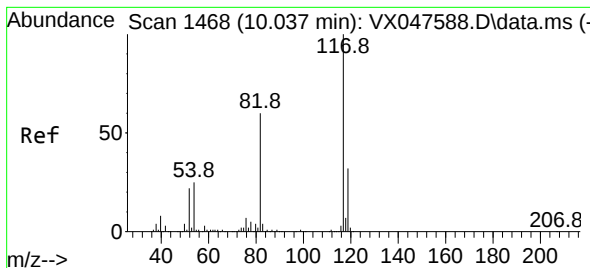
Ion Ratio Lower Upper

95 100

174 73.2 0.0 141.6

176 70.8 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

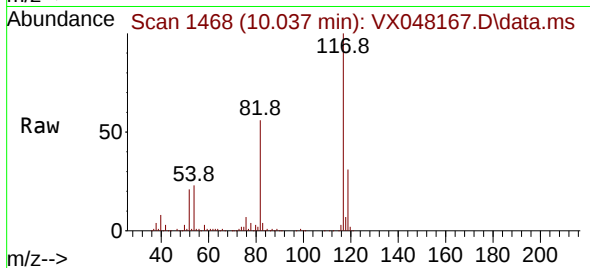
Lab File: VX048167.D

Acq: 14 Oct 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :



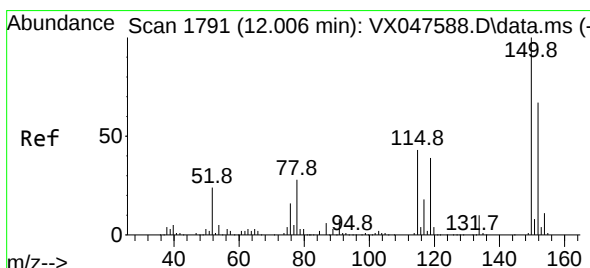
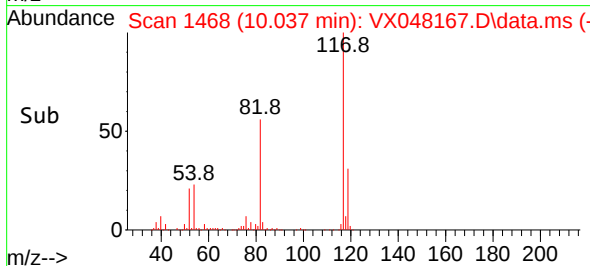
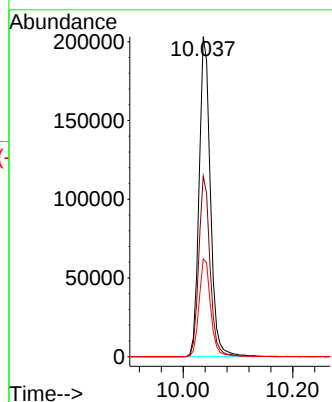
Tgt Ion:117 Resp: 291287

Ion Ratio Lower Upper

117 100

82 56.4 47.8 71.6

119 30.6 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: VX048167.D

Acq: 14 Oct 2025 15:33

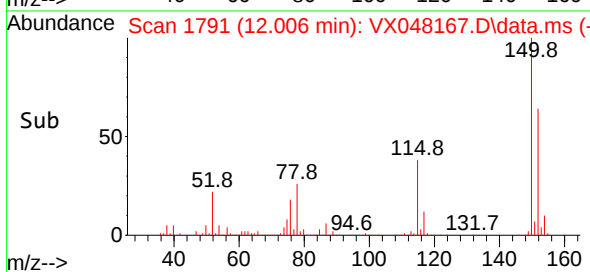
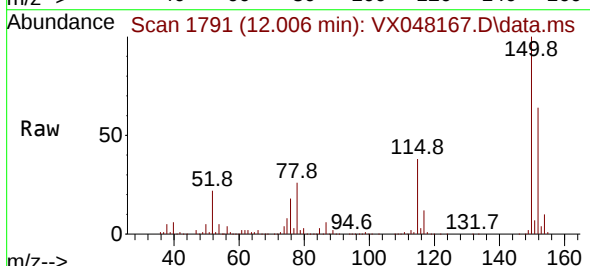
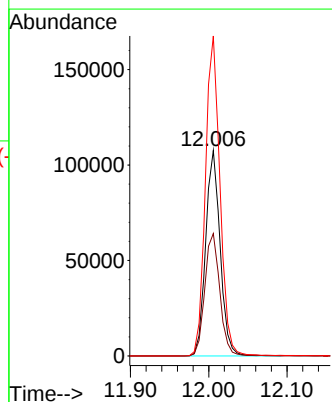
Tgt Ion:152 Resp: 137991

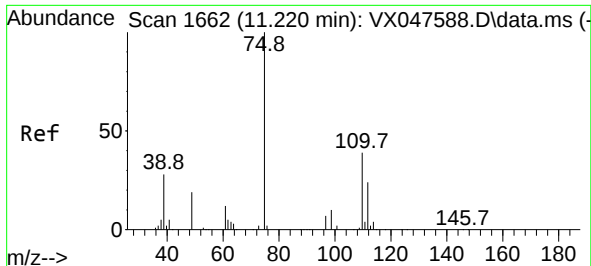
Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 157.0 0.0 352.0

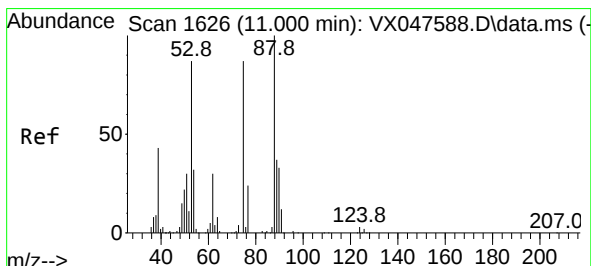
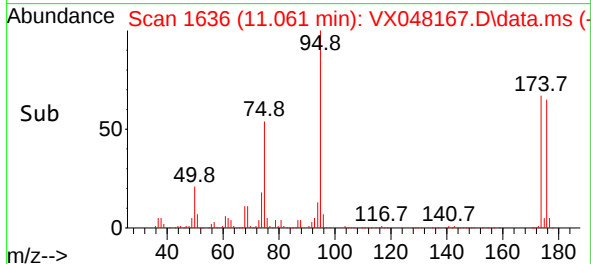
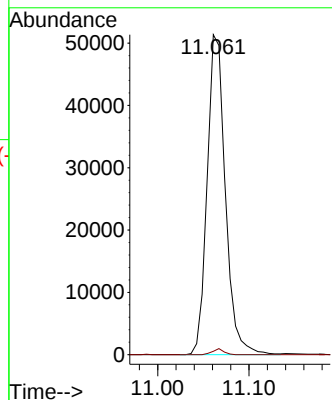
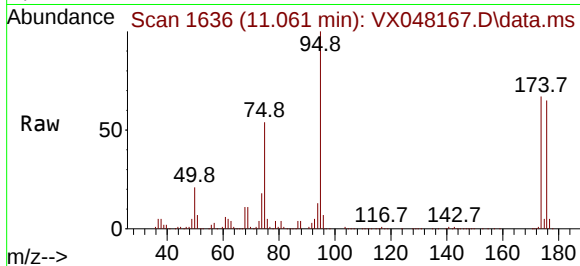




#76
1,2,3-Trichloropropane
Concen: 25.422 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 71027
Ion Ratio Lower Upper
75 100
77 1.2 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.830 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

Tgt Ion: 75 Resp: 71027
Ion Ratio Lower Upper
75 100
53 0.1 83.4 125.2#
89 0.0 36.3 54.5#

