

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
 Data File : VX048193.D
 Acq On : 15 Oct 2025 15:58
 Operator : JC/MD
 Sample : Q3346-01 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 16 04:07:51 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)

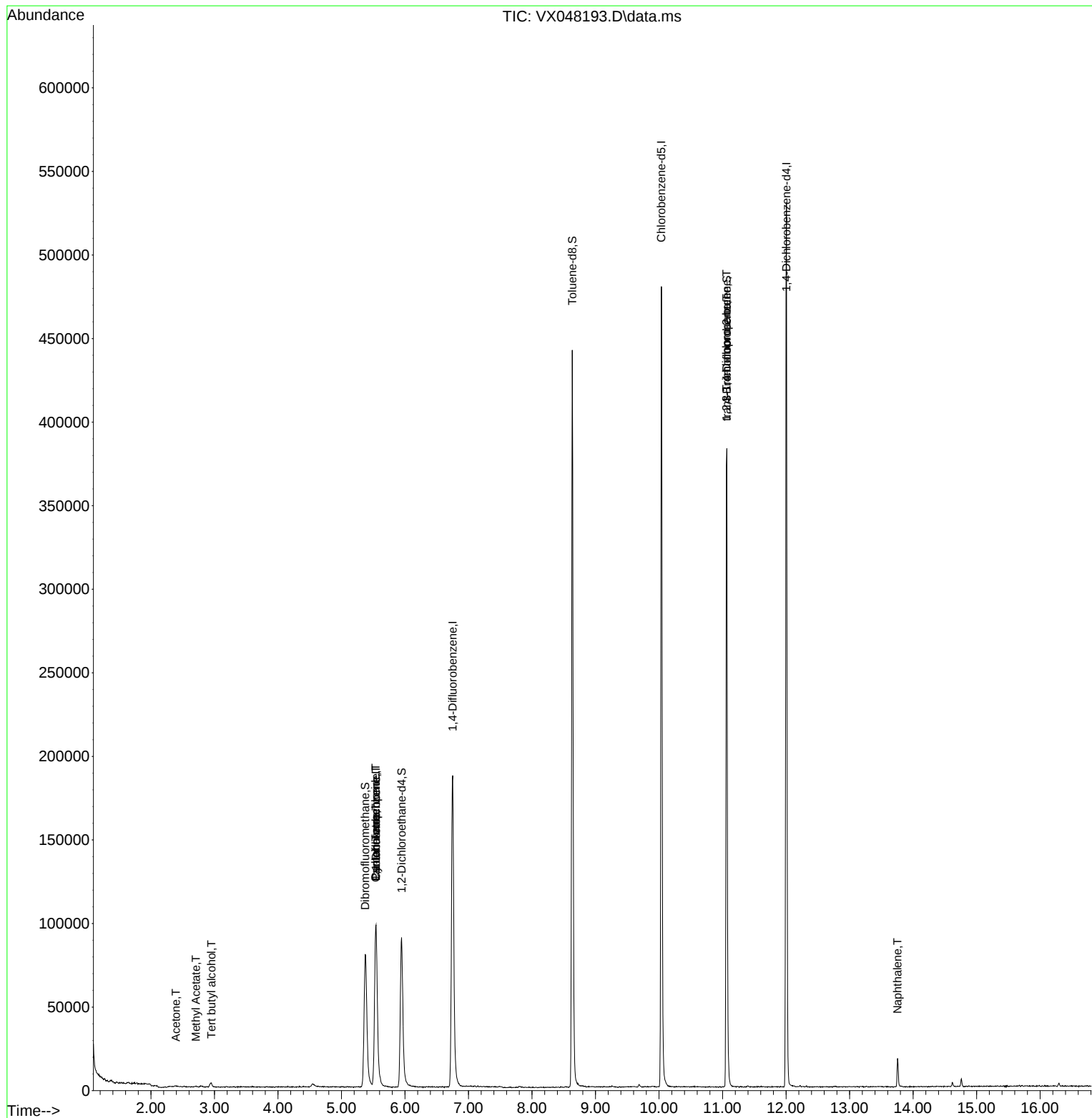
Internal Standards						
1) Pentafluorobenzene	5.544	168	96445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	203702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96844	63.084	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 126.160%#	
35) Dibromofluoromethane	5.373	113	76586	56.060	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.120%	
50) Toluene-d8	8.635	98	266908	56.463	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 112.920%#	
62) 4-Bromofluorobenzene	11.067	95	111096	61.926	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 123.860%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1628	9.522	ug/l #	72
16) Acetone	2.392	43	943	1.413	ug/l #	45
18) Methyl Acetate	2.709	43	597	0.402	ug/l #	84
31) Cyclohexane	5.544	56	2438	1.202	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	8592	4.304	ug/l #	45
38) Carbon Tetrachloride	5.538	117	10605	4.889	ug/l #	20
76) 1,2,3-Trichloropropane	11.061	75	59347	26.304	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	59347	67.079	ug/l #	8
95) Naphthalene	13.756	128	11534	1.578	ug/l	98

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

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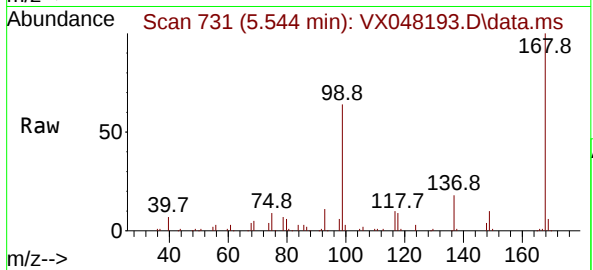
Quant Time: Oct 16 04:07:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



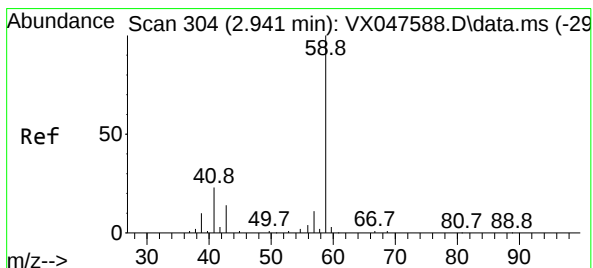
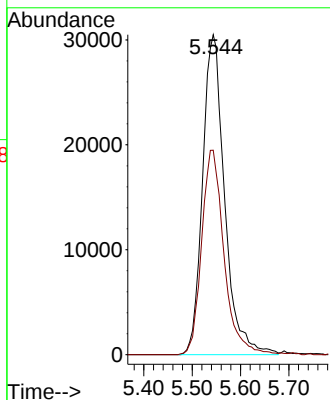
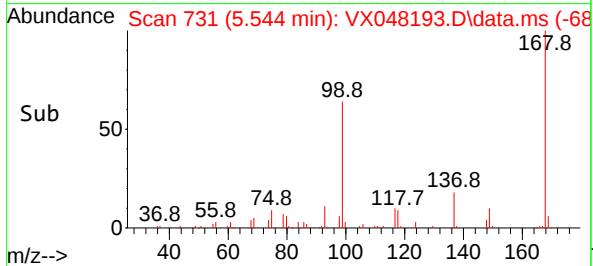


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :

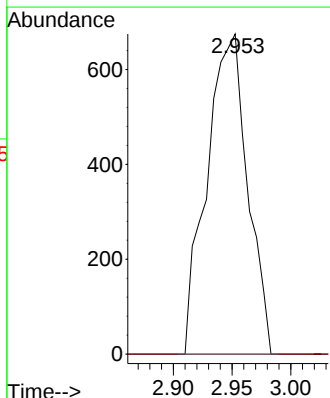
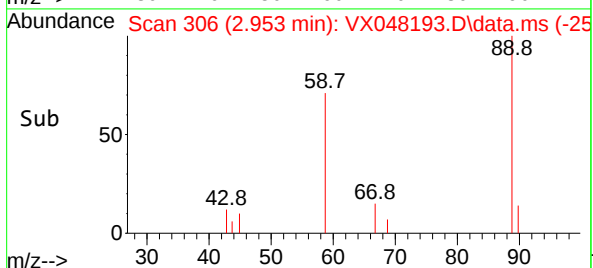
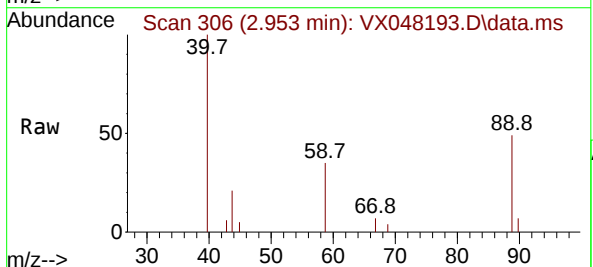


Tgt Ion:168 Resp: 96445
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2



#11
Tert butyl alcohol
Concen: 9.522 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

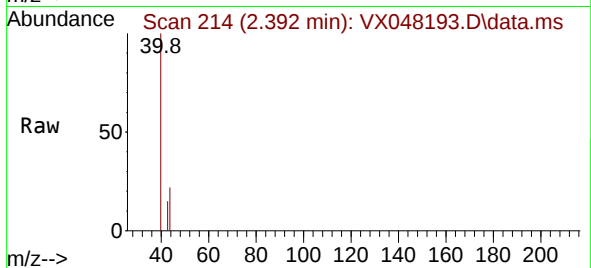
Tgt Ion: 59 Resp: 1628
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



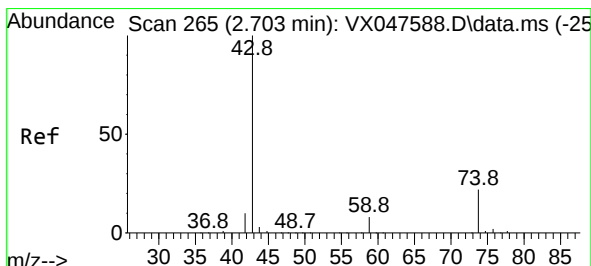
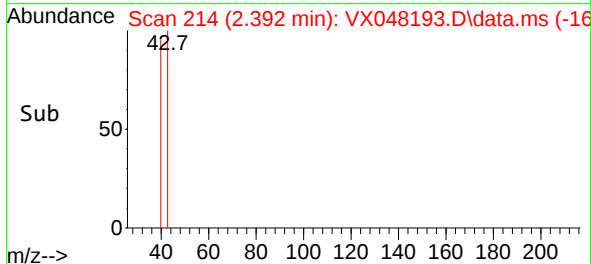
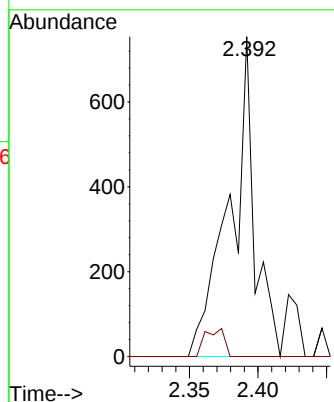


#16
Acetone
Concen: 1.413 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :

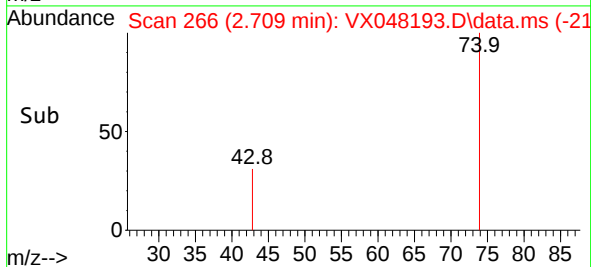
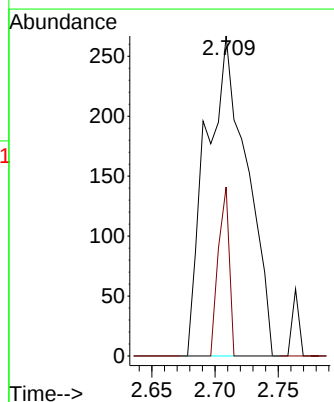
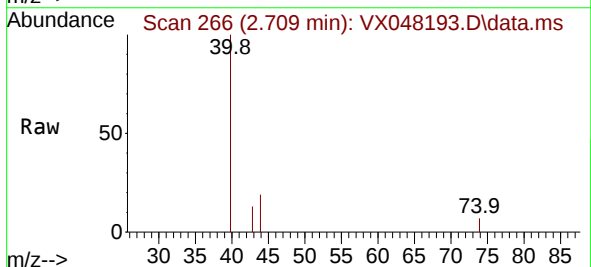


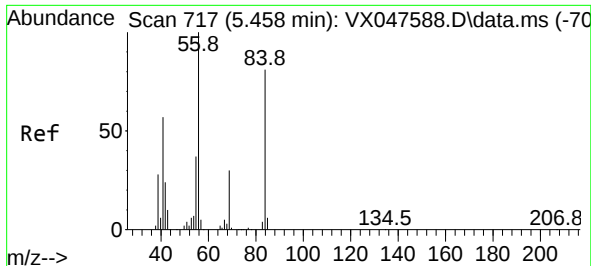
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



#18
Methyl Acetate
Concen: 0.402 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

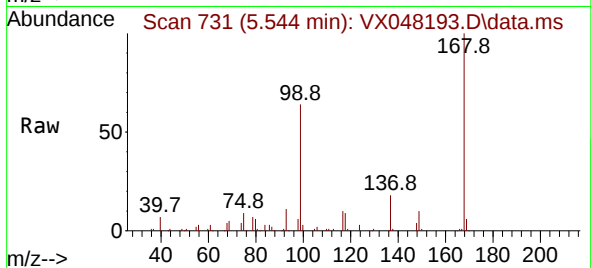
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
74 14.1 17.4 26.2#



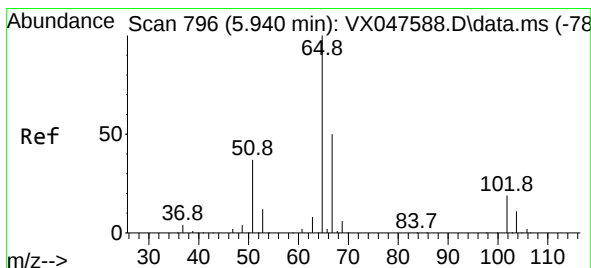
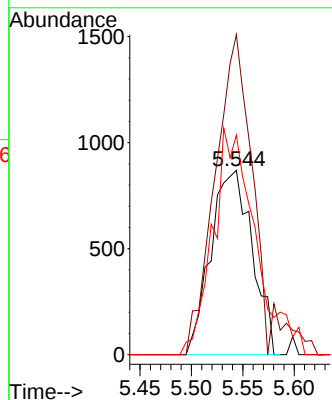
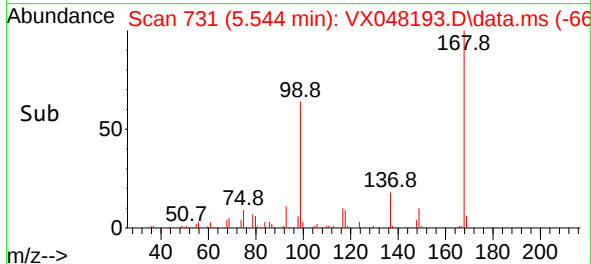


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :

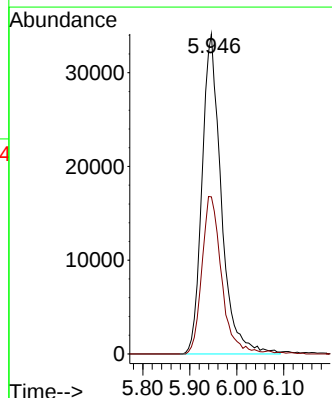
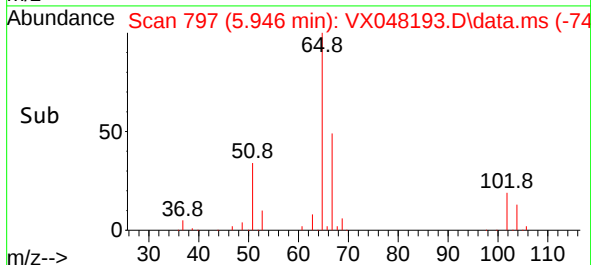
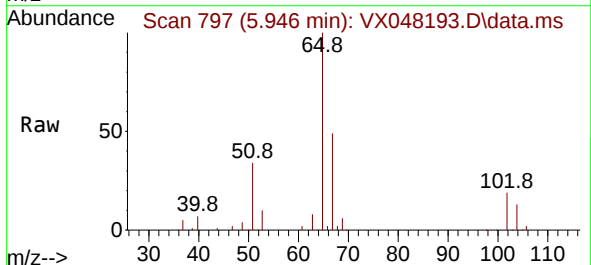


Tgt Ion: 56 Resp: 2438
Ion Ratio Lower Upper
56 100
69 173.6 23.8 35.8#
84 119.1 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 63.084 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

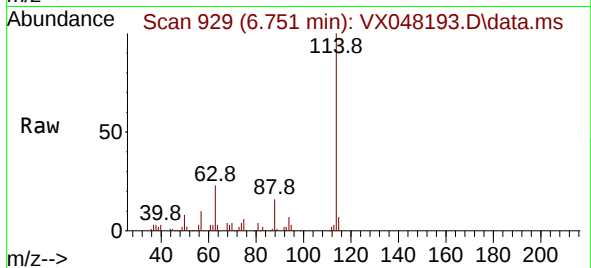
Tgt Ion: 65 Resp: 96844
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0



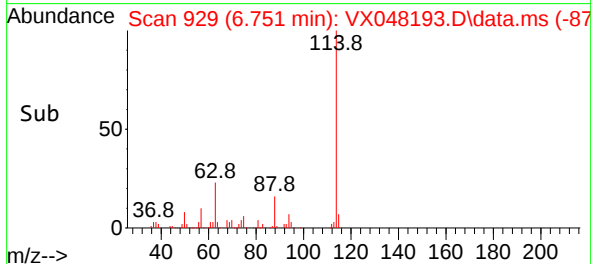
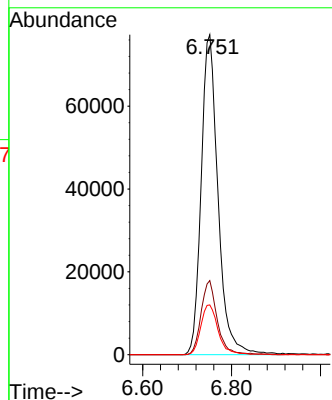


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

Instrument :
MSVOA_X
ClientSampleId :

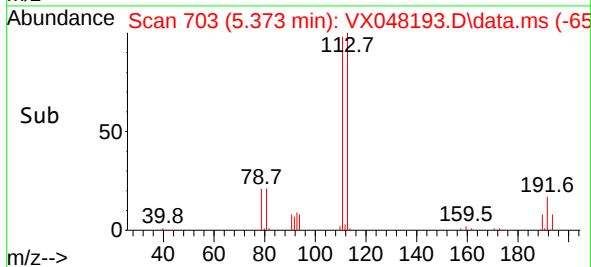
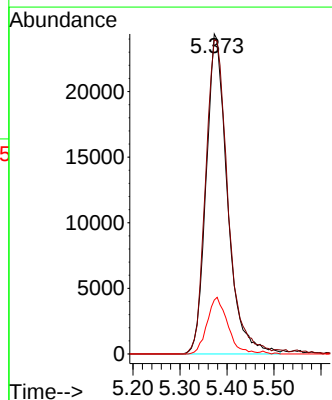
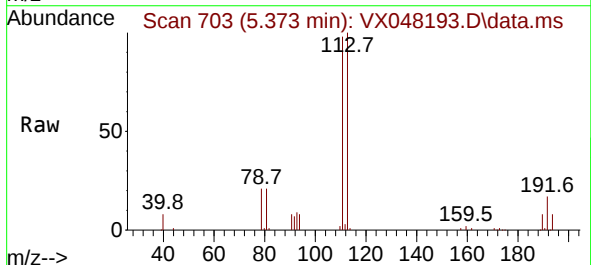


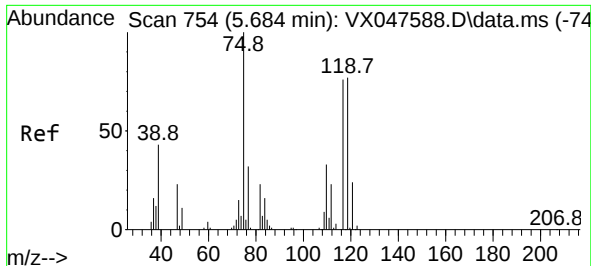
Tgt Ion:114 Resp: 203702
Ion Ratio Lower Upper
114 100
63 26.2 0.0 44.0
88 15.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 56.060 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

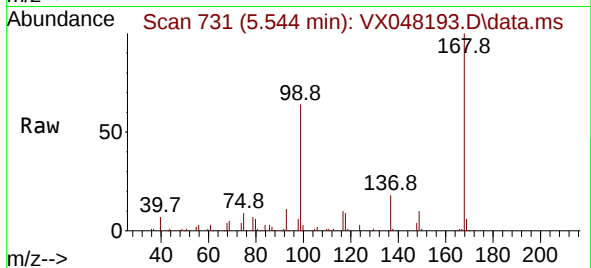
Tgt Ion:113 Resp: 76586
Ion Ratio Lower Upper
113 100
111 102.9 80.9 121.3
192 17.1 14.2 21.4



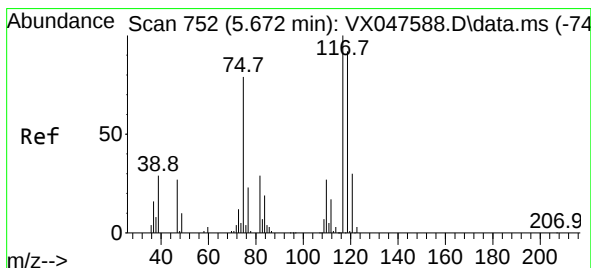
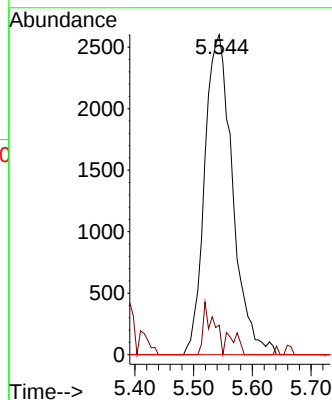
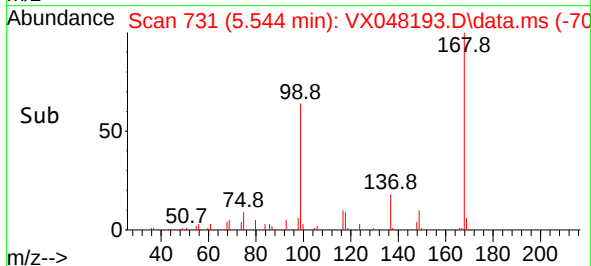


#36
1,1-Dichloropropene
Concen: 4.304 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

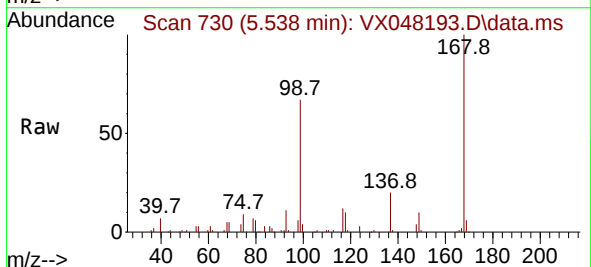
Instrument :
MSVOA_X
ClientSampleId :



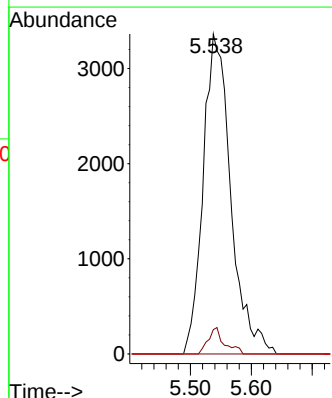
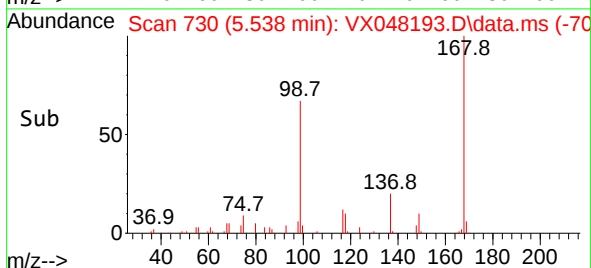
Tgt Ion: 75 Resp: 8592
Ion Ratio Lower Upper
75 100
110 2.9 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.889 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58



Tgt Ion: 117 Resp: 10605
Ion Ratio Lower Upper
117 100
119 7.6 73.4 110.2#
121 0.0 23.8 35.6#

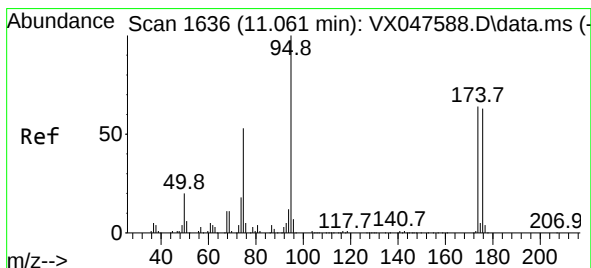
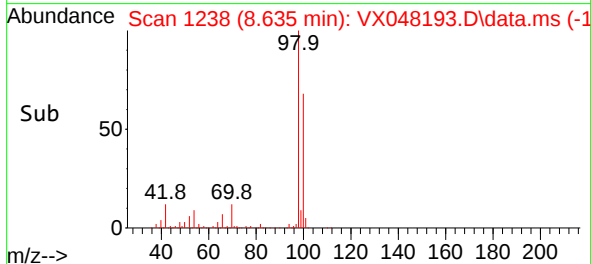
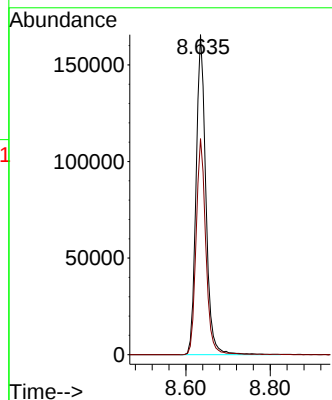
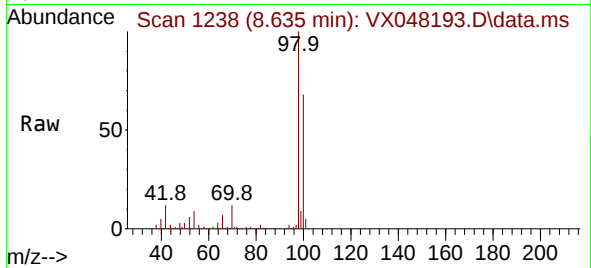




#50
Toluene-d8
Concen: 56.463 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

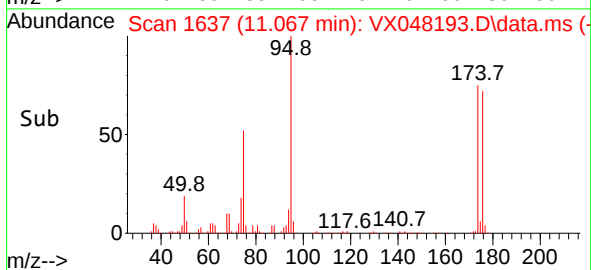
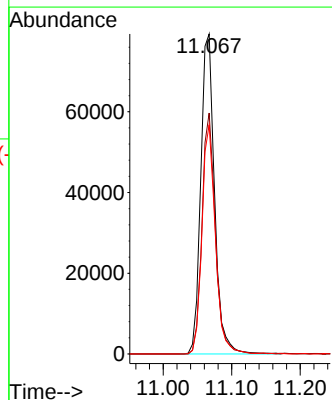
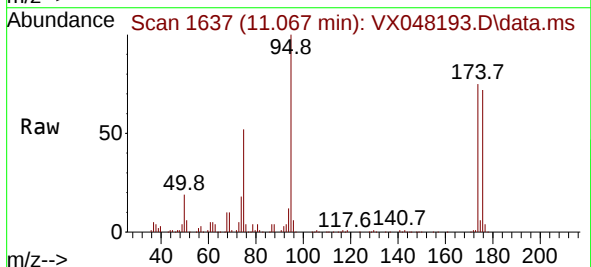
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 266908
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 61.926 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048193.D
Acq: 15 Oct 2025 15:58

Tgt Ion: 95 Resp: 111096
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.6
176 69.7 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: VX048193.D

Acq: 15 Oct 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

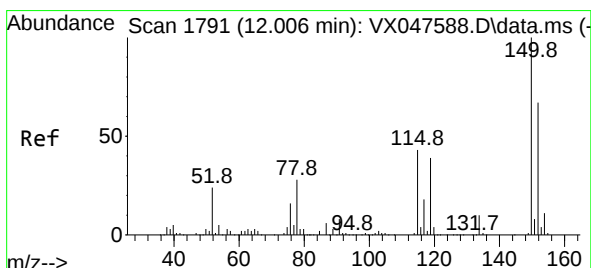
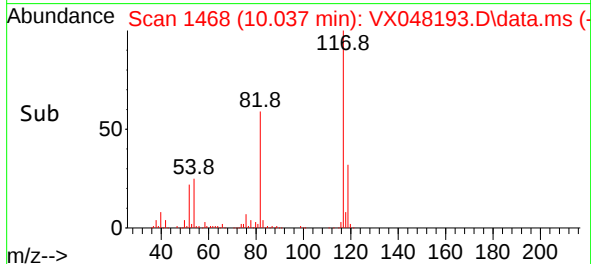
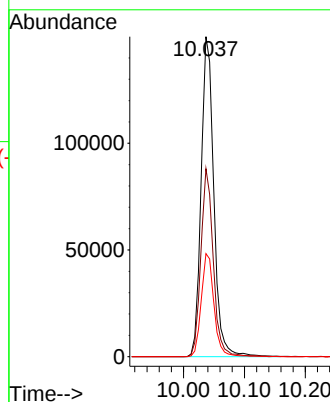
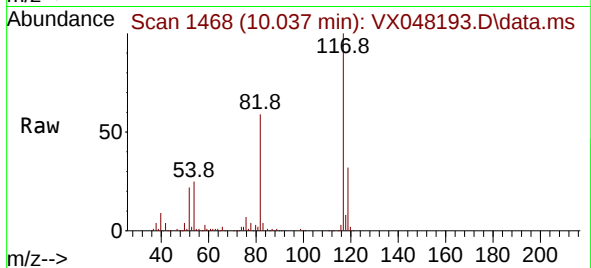
Tgt Ion:117 Resp: 217427

Ion Ratio Lower Upper

117 100

82 58.7 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: VX048193.D

Acq: 15 Oct 2025 15:58

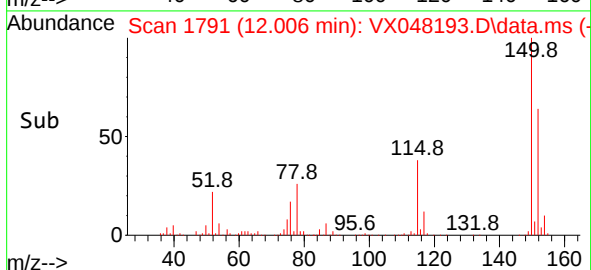
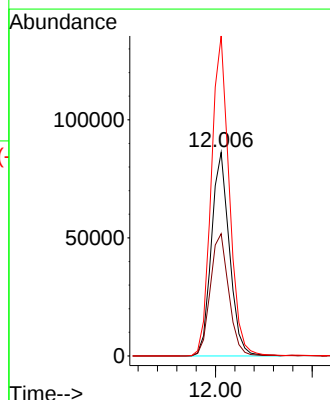
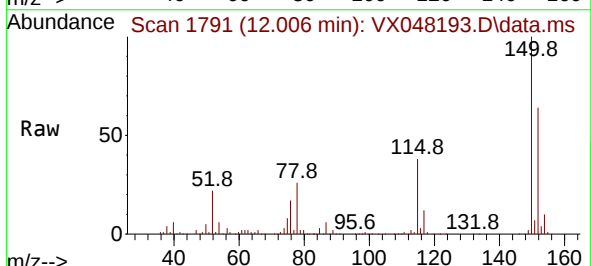
Tgt Ion:152 Resp: 111435

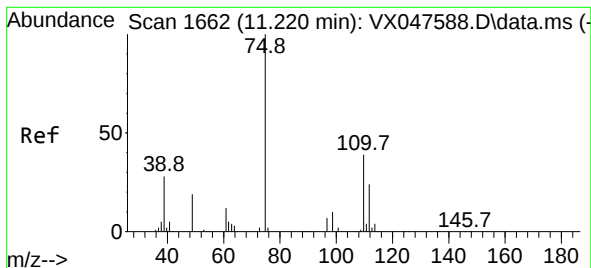
Ion Ratio Lower Upper

152 100

115 61.6 44.9 134.5

150 156.8 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 26.304 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX048193.D

Acq: 15 Oct 2025 15:58

Instrument :

MSVOA_X

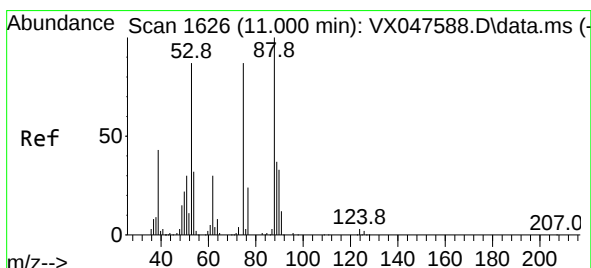
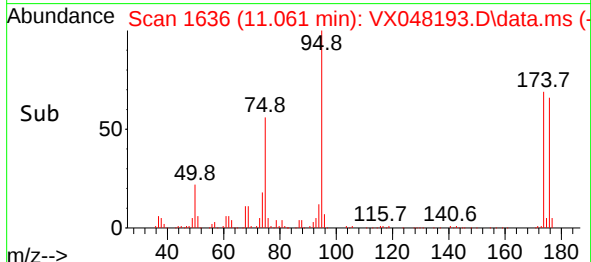
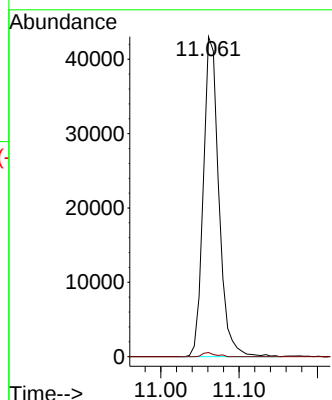
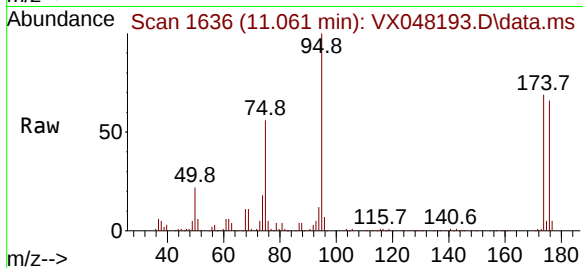
ClientSampleId :

Tgt Ion: 75 Resp: 59347

Ion Ratio Lower Upper

75 100

77 1.1 18.8 56.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.079 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048193.D

Acq: 15 Oct 2025 15:58

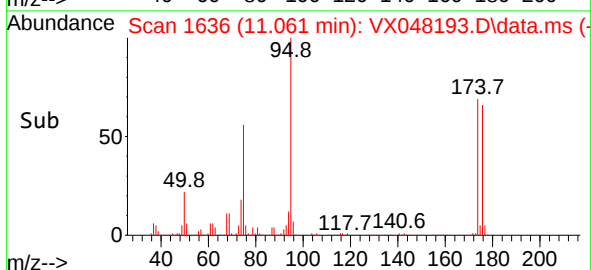
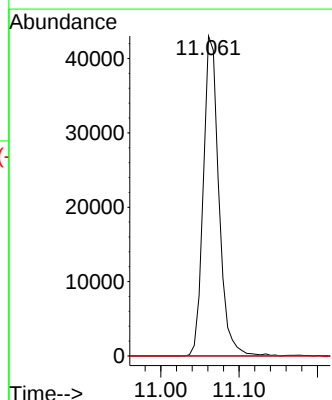
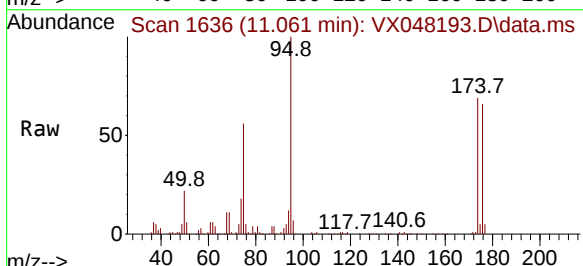
Tgt Ion: 75 Resp: 59347

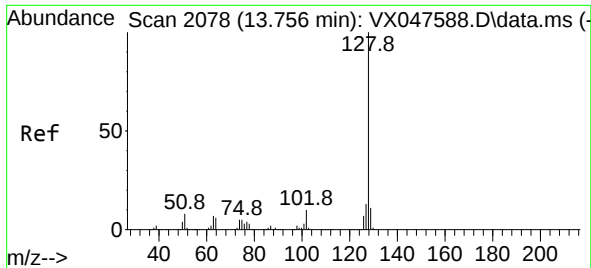
Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

89 0.0 36.3 54.5#





#95

Naphthalene

Concen: 1.578 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

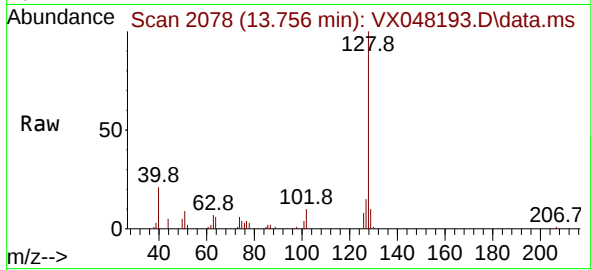
Lab File: VX048193.D

Acq: 15 Oct 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 11534

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 9.8 8.8 13.2

