

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
 Data File : VX048194.D
 Acq On : 15 Oct 2025 16:19
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 16 04:08:14 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)

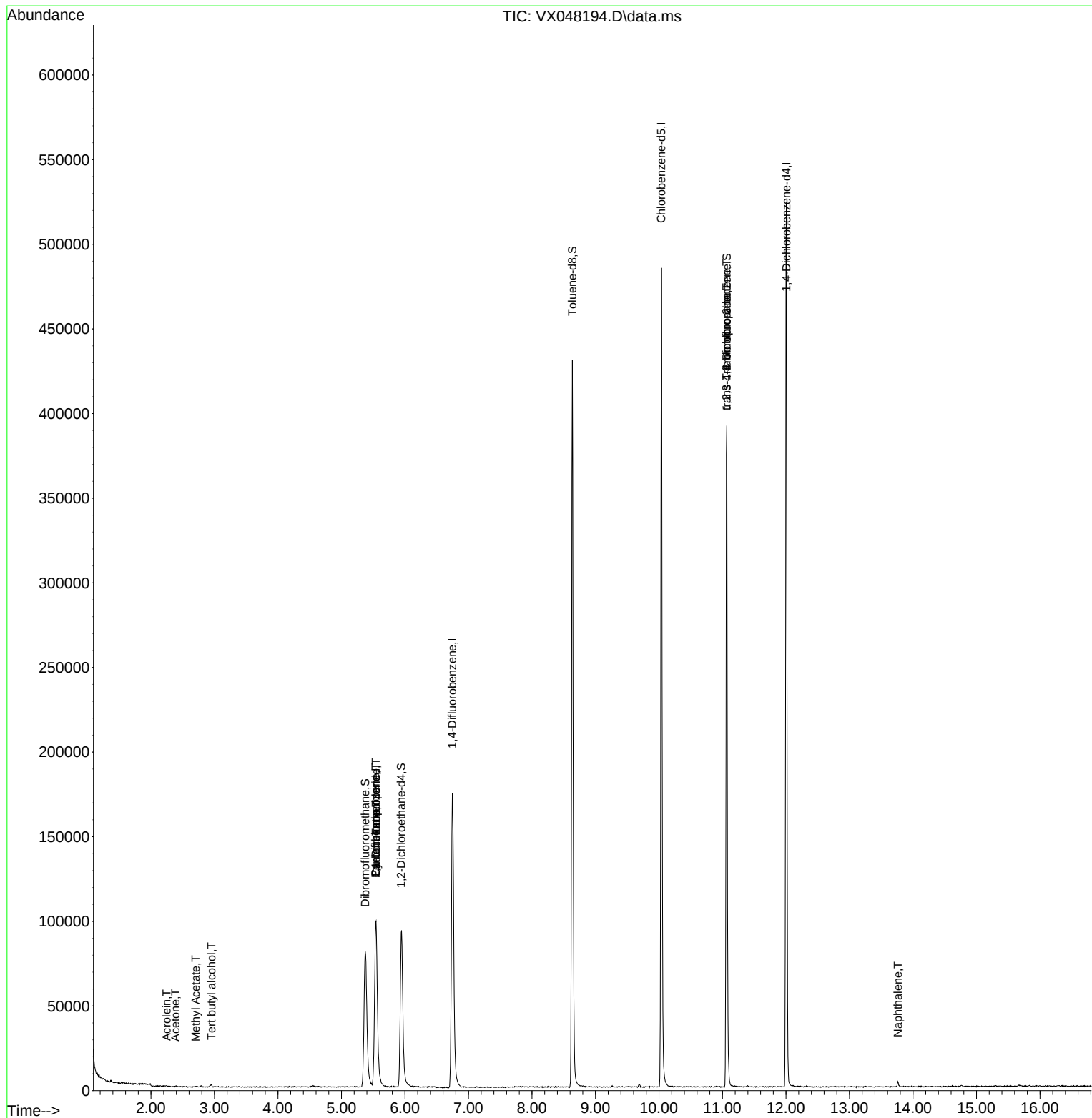
Internal Standards						
1) Pentafluorobenzene	5.538	168	97171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	194392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	221974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99198	64.135	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 128.260%#	
35) Dibromofluoromethane	5.373	113	78019	59.844	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 119.680%	
50) Toluene-d8	8.635	98	262631	58.219	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 116.440%#	
62) 4-Bromofluorobenzene	11.067	95	111295	65.008	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 130.020%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	584	3.390	ug/l #	72
13) Acrolein	2.246	56	43	0.271	ug/l #	14
16) Acetone	2.386	43	592	0.880	ug/l	90
18) Methyl Acetate	2.703	43	522	0.349	ug/l #	54
31) Cyclohexane	5.544	56	2186	1.070	ug/l #	22
36) 1,1-Dichloropropene	5.538	75	8500	4.462	ug/l #	50
38) Carbon Tetrachloride	5.544	117	10759	5.198	ug/l #	21
76) 1,2,3-Trichloropropane	11.061	75	59918	26.383	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	59918	67.280	ug/l #	8
95) Naphthalene	13.762	128	2389	0.325	ug/l	96

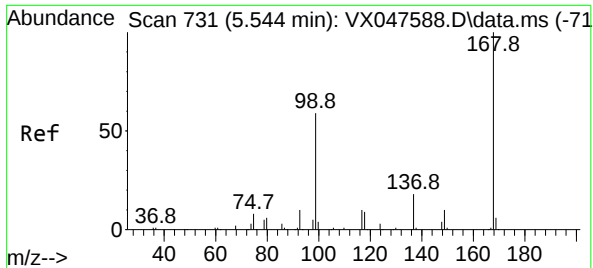
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
Data File : VX048194.D
Acq On : 15 Oct 2025 16:19
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

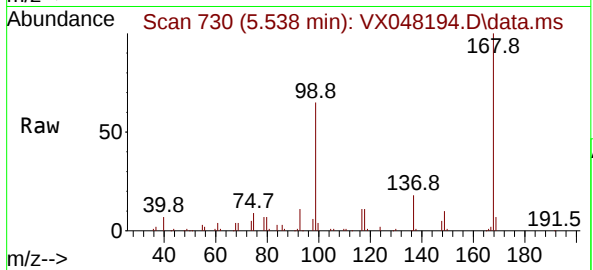
Quant Time: Oct 16 04:08:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



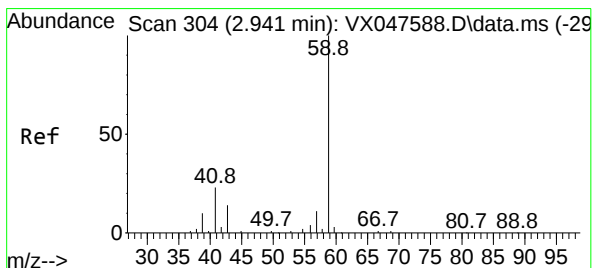
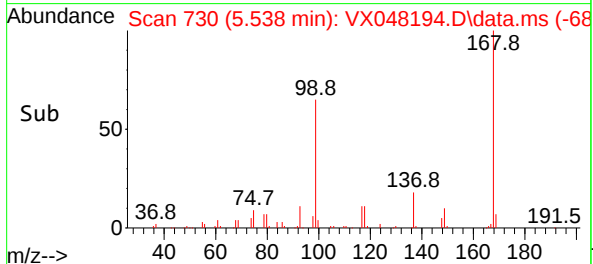
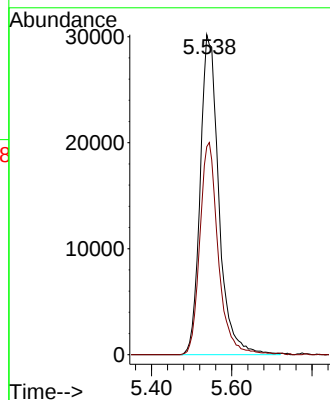


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :

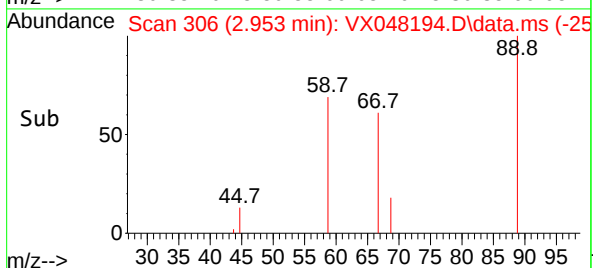
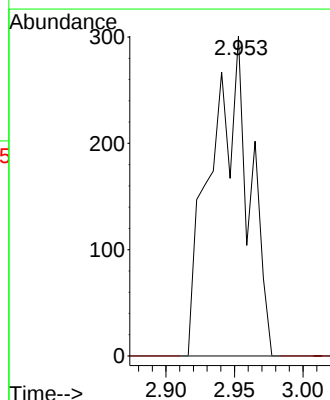
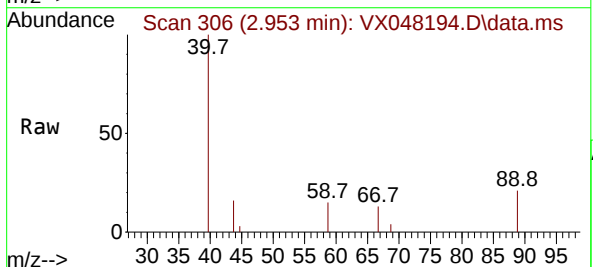


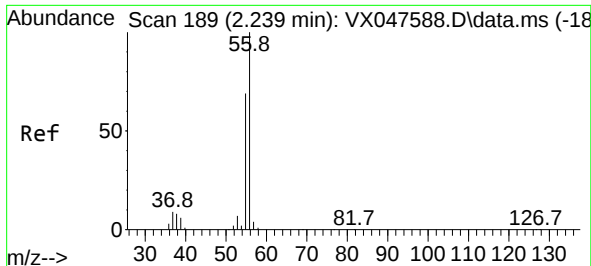
Tgt Ion:168 Resp: 97171
Ion Ratio Lower Upper
168 100
99 65.0 48.8 73.2



#11
Tert butyl alcohol
Concen: 3.390 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

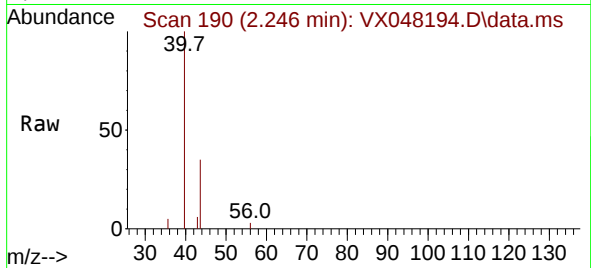
Tgt Ion: 59 Resp: 584
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



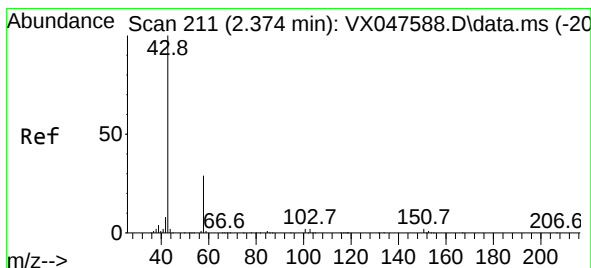
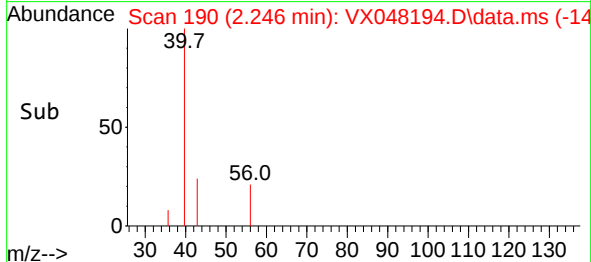
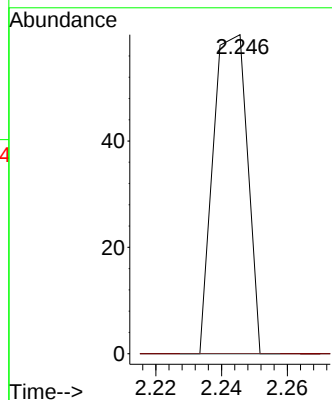


#13
Acrolein
Concen: 0.271 ug/l
RT: 2.246 min Scan# 19
Delta R.T. 0.006 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :

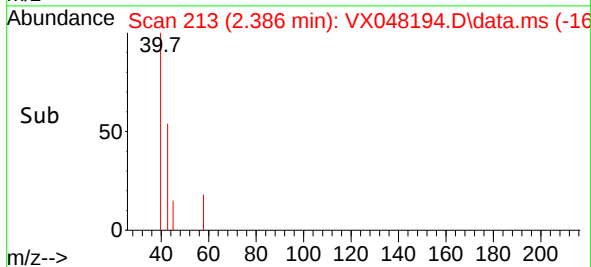
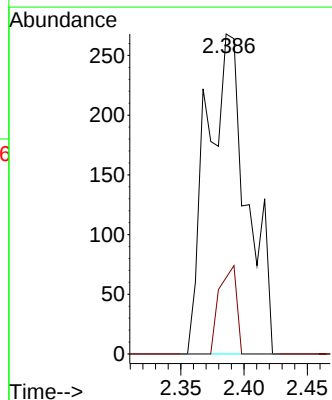
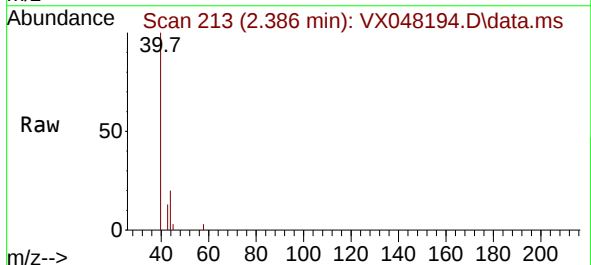


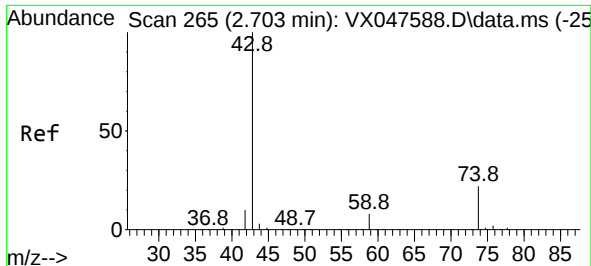
Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#



#16
Acetone
Concen: 0.880 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
58 23.9 23.4 35.0

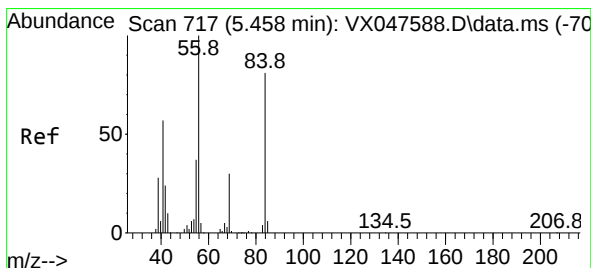
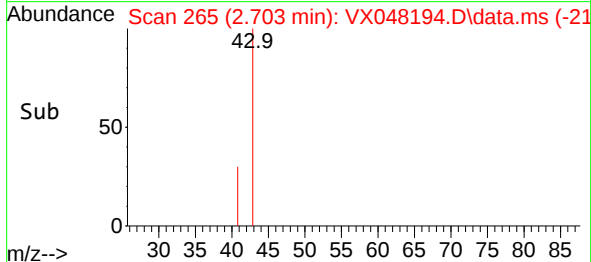
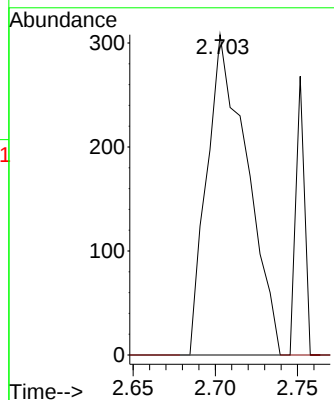
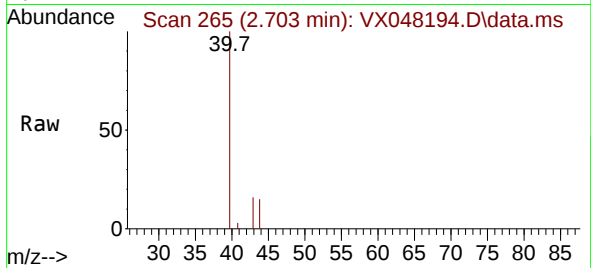




#18
Methyl Acetate
Concen: 0.349 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

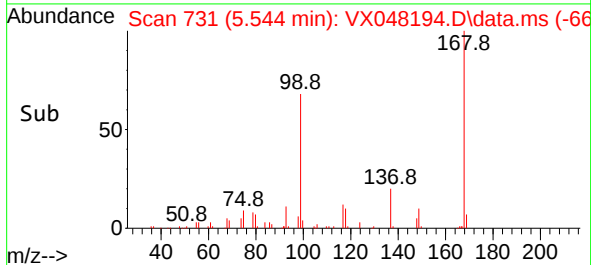
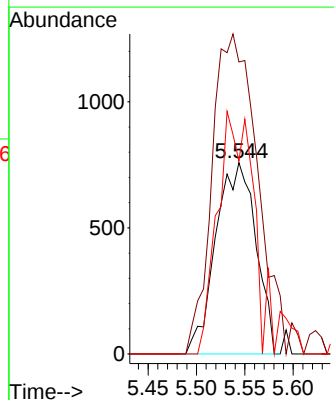
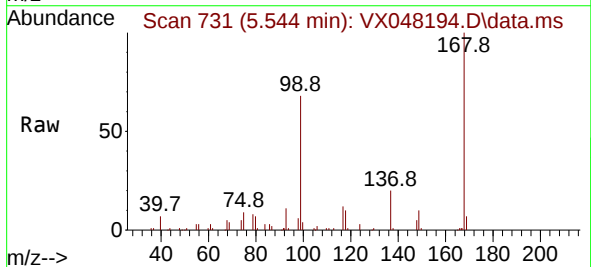
Instrument :
MSVOA_X
ClientSampleId :

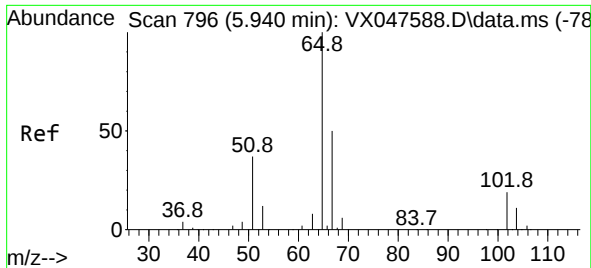
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

Tgt Ion: 56 Resp: 2186
Ion Ratio Lower Upper
56 100
69 152.6 23.8 35.8#
84 100.9 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 64.135 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048194.D

Acq: 15 Oct 2025 16:19

Instrument :

MSVOA_X

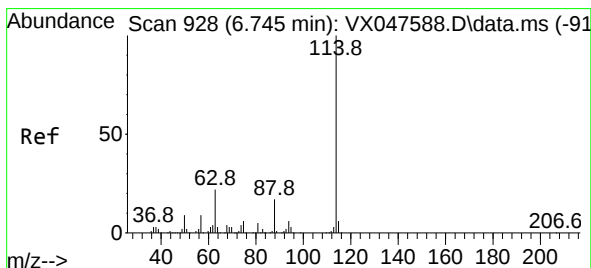
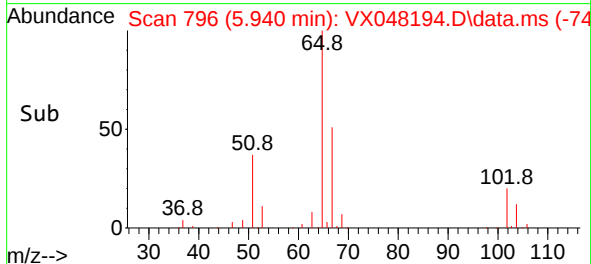
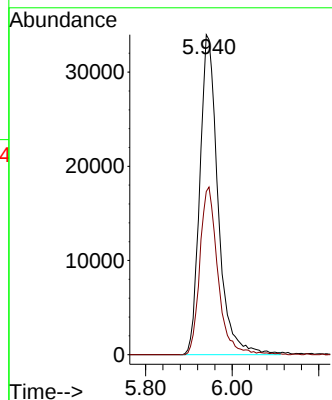
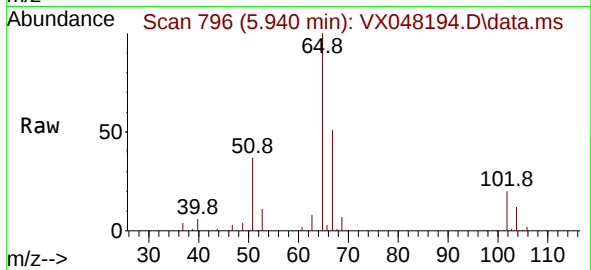
ClientSampleId :

Tgt Ion: 65 Resp: 99198

Ion Ratio Lower Upper

65 100

67 52.1 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: VX048194.D

Acq: 15 Oct 2025 16:19

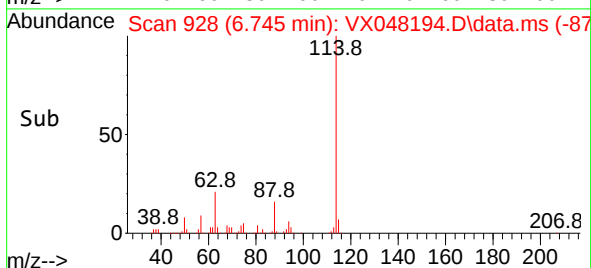
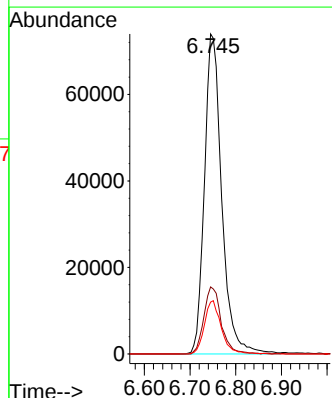
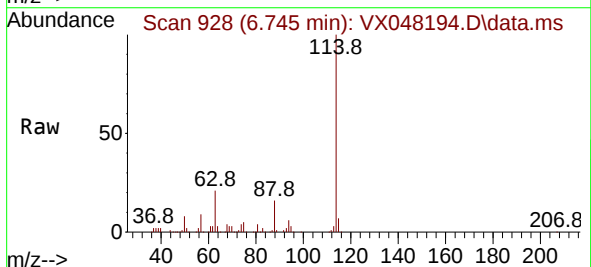
Tgt Ion: 114 Resp: 194392

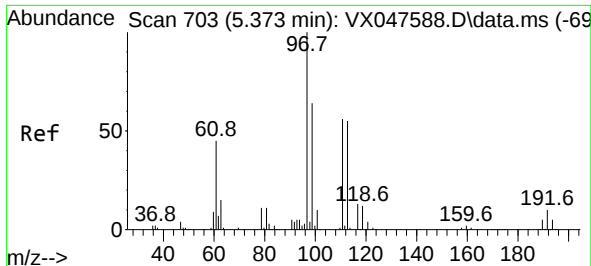
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.0

88 16.2 0.0 34.2

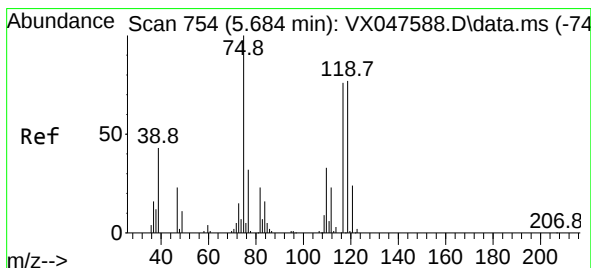
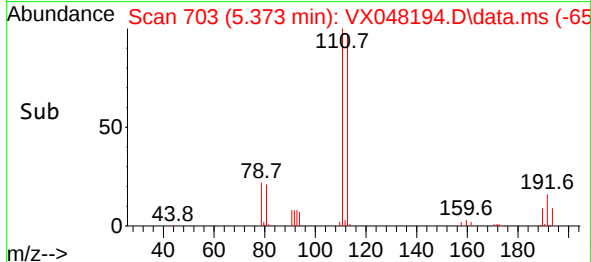
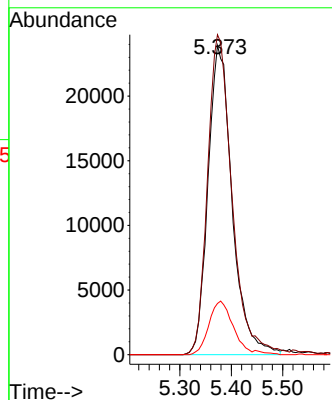
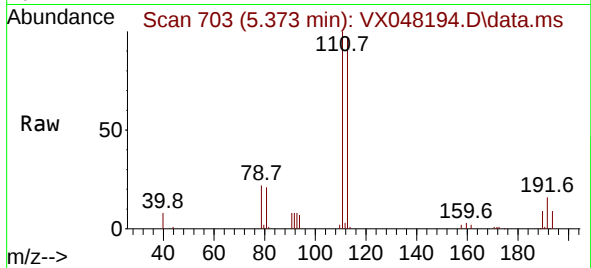




#35
Dibromofluoromethane
Concen: 59.844 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

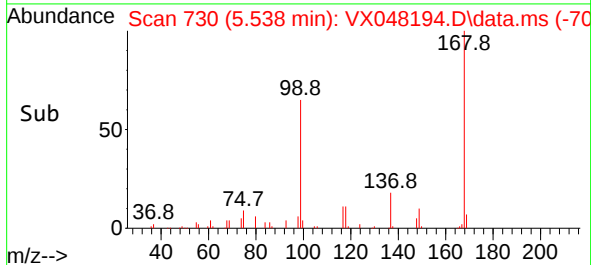
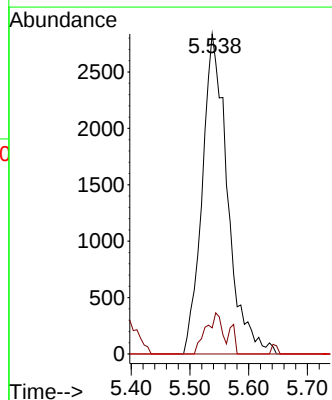
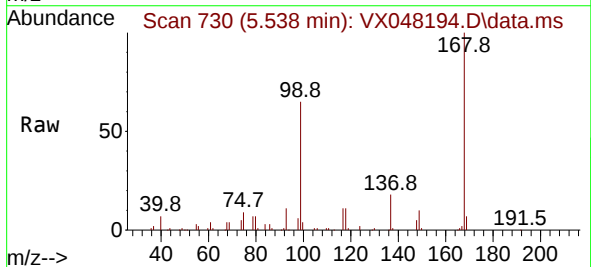
Instrument :
MSVOA_X
ClientSampleId :

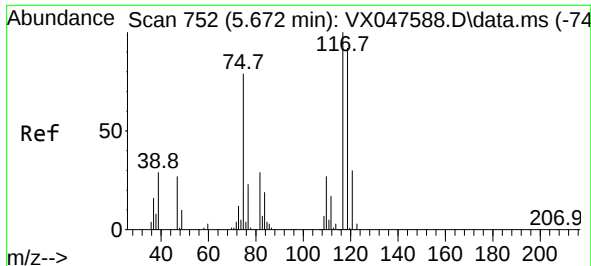
Tgt Ion:113 Resp: 78019
Ion Ratio Lower Upper
113 100
111 104.7 80.9 121.3
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.462 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

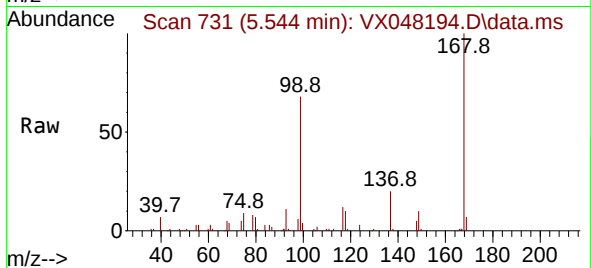
Tgt Ion: 75 Resp: 8500
Ion Ratio Lower Upper
75 100
110 8.2 16.7 50.1#
77 0.0 24.3 36.5#



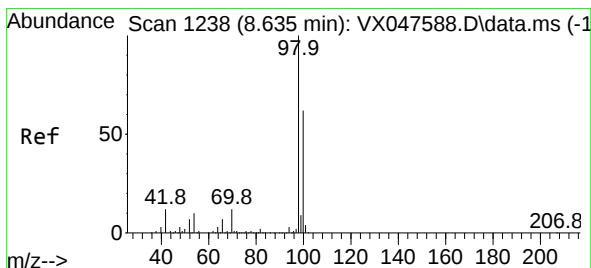
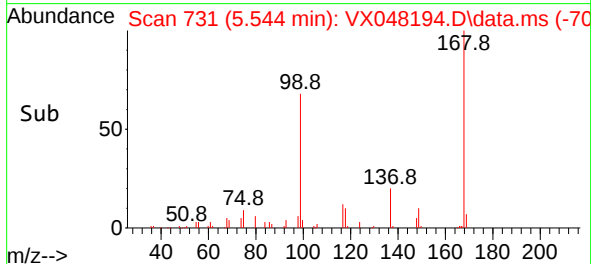
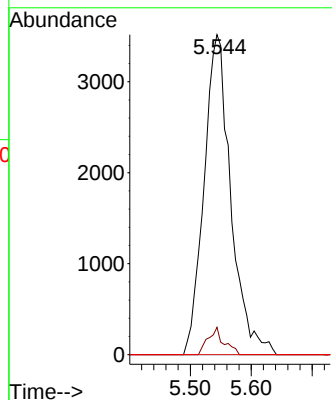


#38
Carbon Tetrachloride
Concen: 5.198 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :

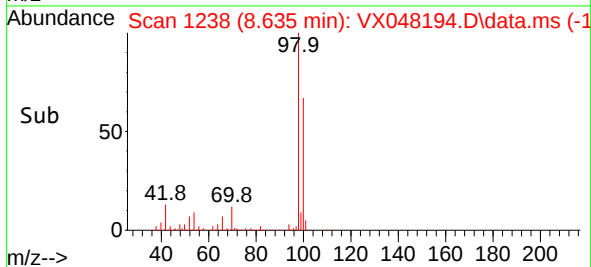
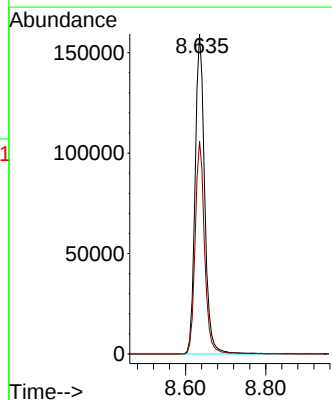
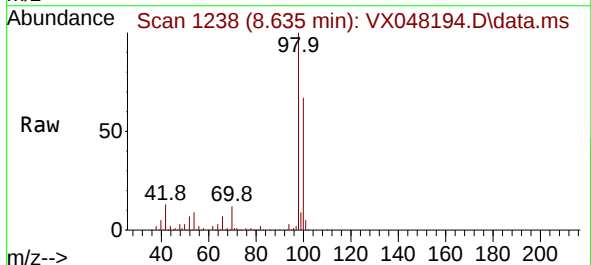


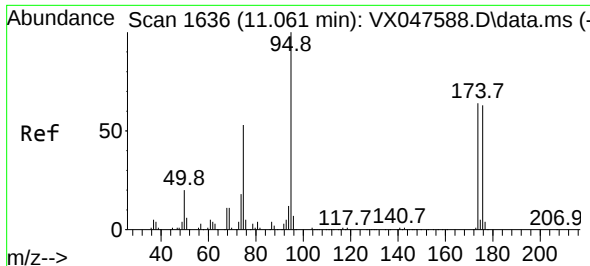
Tgt Ion:117 Resp: 10759
Ion Ratio Lower Upper
117 100
119 8.5 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 58.219 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

Tgt Ion: 98 Resp: 262631
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

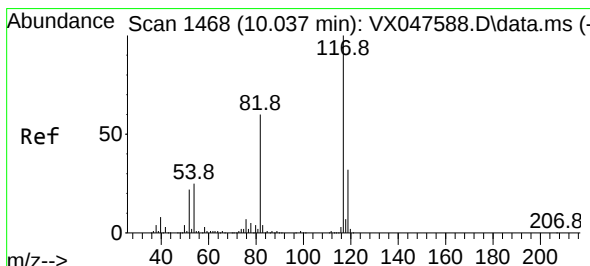
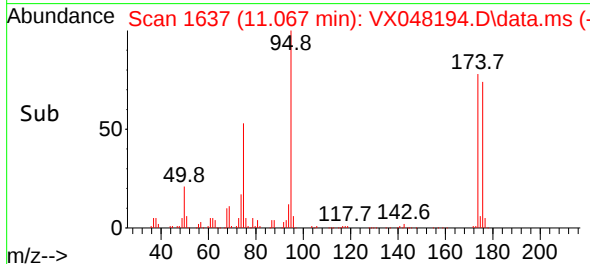
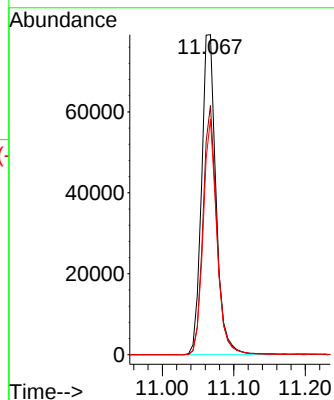
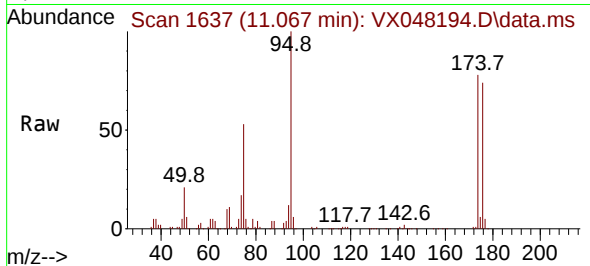




#62
4-Bromofluorobenzene
Concen: 65.008 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

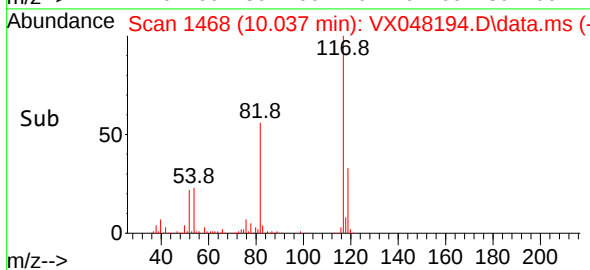
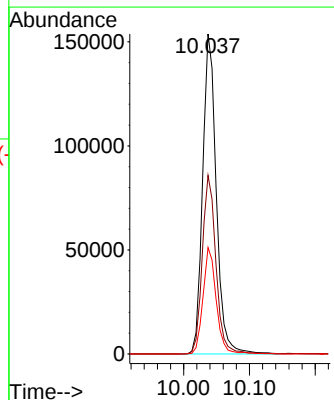
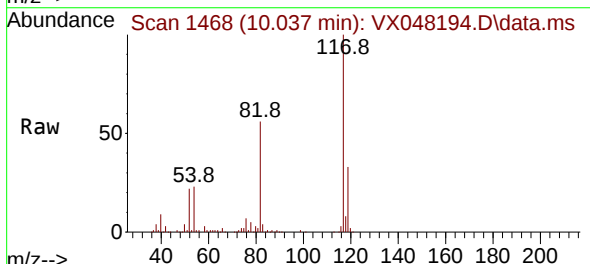
Instrument :
MSVOA_X
ClientSampleId :

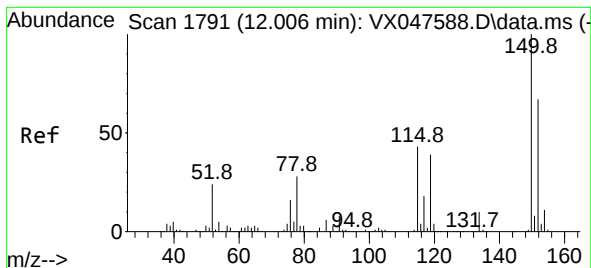
Tgt Ion: 95 Resp: 111295
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.6
176 69.9 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

Tgt Ion: 117 Resp: 221974
Ion Ratio Lower Upper
117 100
82 55.8 47.8 71.6
119 33.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048194.D

Acq: 15 Oct 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

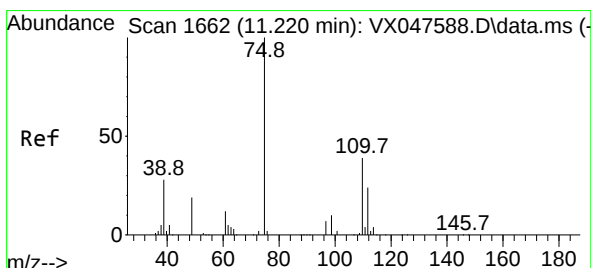
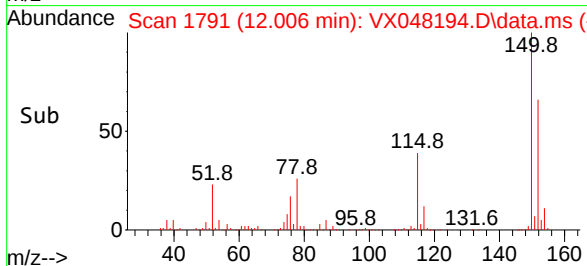
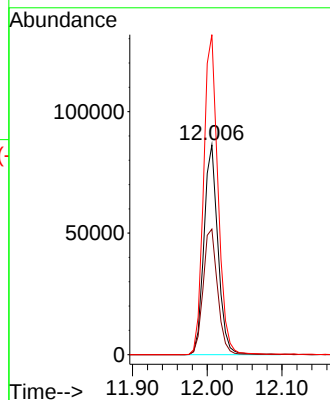
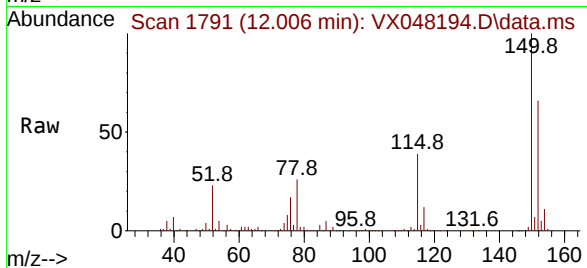
Tgt Ion:152 Resp: 112170

Ion Ratio Lower Upper

152 100

115 62.1 44.9 134.5

150 156.5 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 26.383 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.158 min

Lab File: VX048194.D

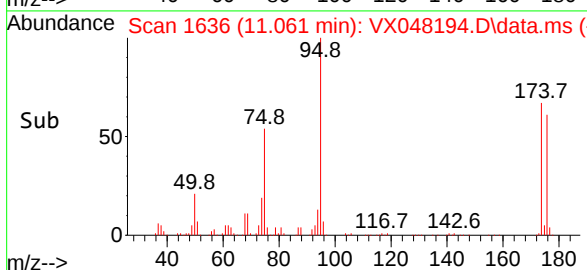
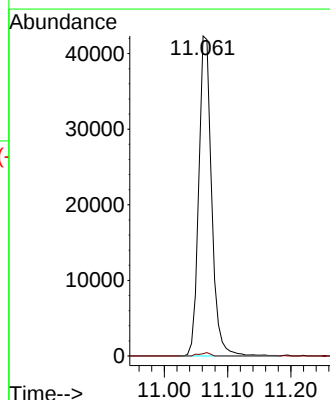
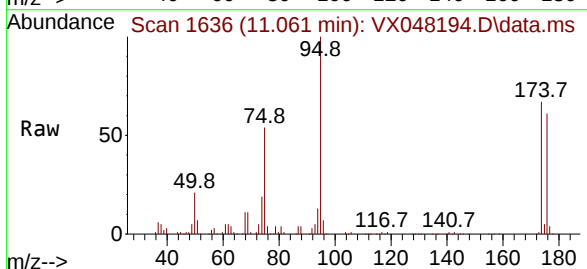
Acq: 15 Oct 2025 16:19

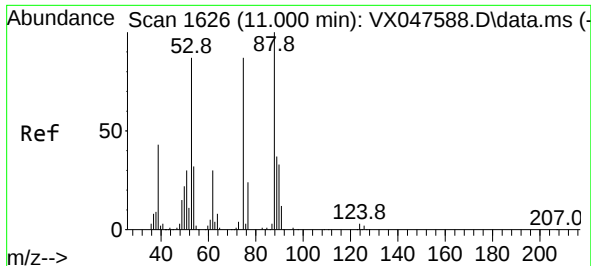
Tgt Ion: 75 Resp: 59918

Ion Ratio Lower Upper

75 100

77 0.9 18.8 56.4#

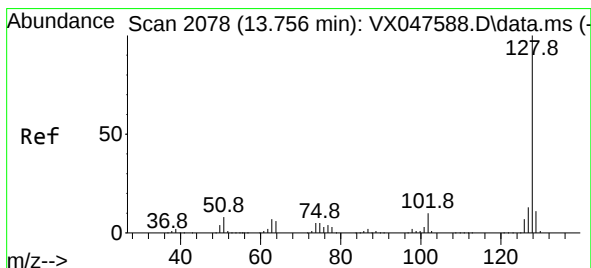
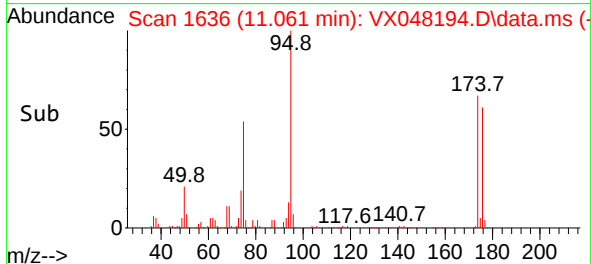
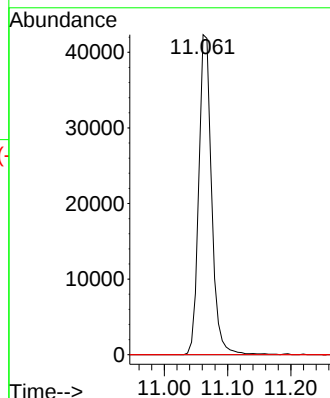
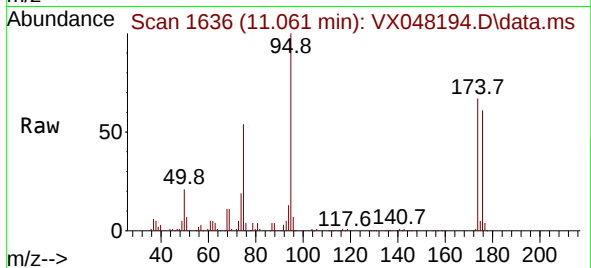




#81
trans-1,4-Dichloro-2-butene
Concen: 67.280 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 59918
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 0.325 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048194.D
Acq: 15 Oct 2025 16:19

Tgt Ion:128 Resp: 2389
Ion Ratio Lower Upper
128 100
127 11.3 10.2 15.2
129 9.1 8.8 13.2

