

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
 Data File : VX048806.D
 Acq On : 10 Dec 2025 13:29
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 11 00:21:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

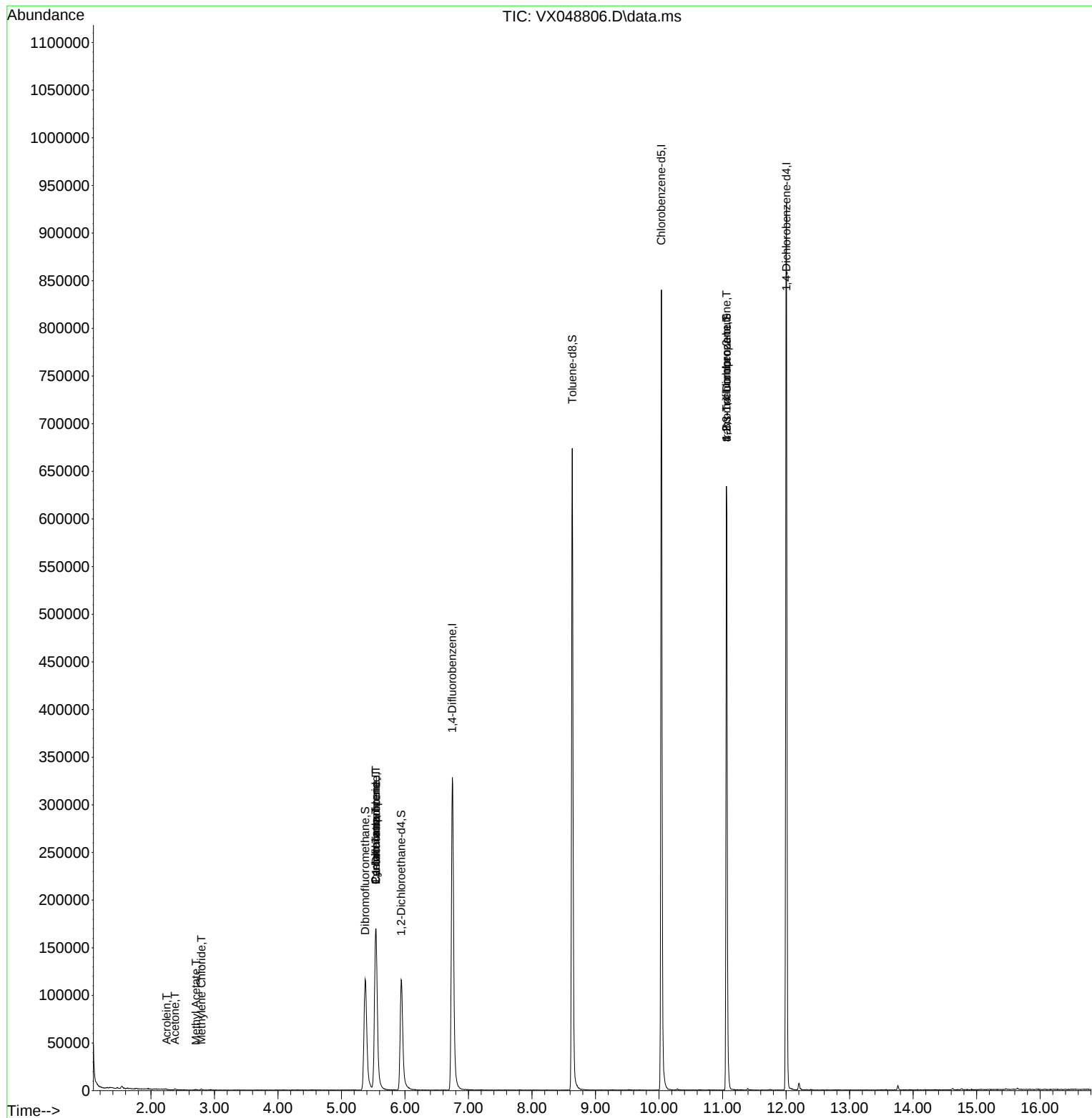
Internal Standards						
1) Pentafluorobenzene	5.543	168	182852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	371316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	395384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	207914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	126925	51.717	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.440%	
35) Dibromofluoromethane	5.373	113	115143	45.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.080%	
50) Toluene-d8	8.634	98	423388	47.243	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.480%	
62) 4-Bromofluorobenzene	11.061	95	184056	59.559	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.120%	
Target Compounds						
					Qvalue	
13) Acrolein	2.245	56	159	40.526	ug/l #	48
16) Acetone	2.379	43	1719	1.830	ug/l #	76
18) Methyl Acetate	2.709	43	941	0.356	ug/l #	77
20) Methylene Chloride	2.794	84	514	0.219	ug/l #	58
31) Cyclohexane	5.537	56	3406	1.027	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	13716	3.917	ug/l #	48
38) Carbon Tetrachloride	5.543	117	18722	4.720	ug/l #	14
76) 1,2,3-Trichloropropane	11.061	75	91722	23.686	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	91722	56.263	ug/l #	3
95) Naphthalene	13.761	128	3614	Below Cal		97

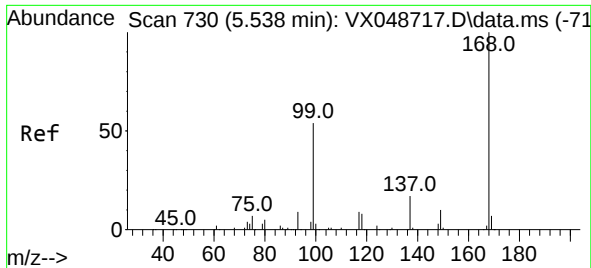
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121025\
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Quant Time: Dec 11 00:21:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 05 03:27:34 2025
Response via : Initial Calibration

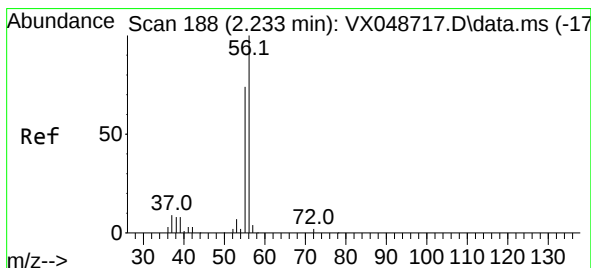
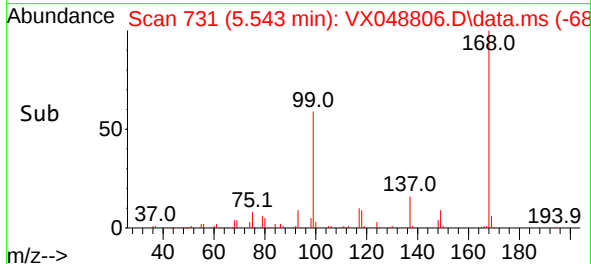
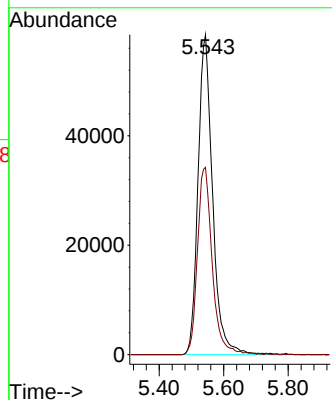
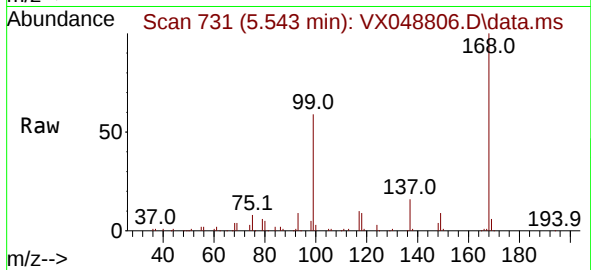




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX048806.D
Acq: 10 Dec 2025 13:29

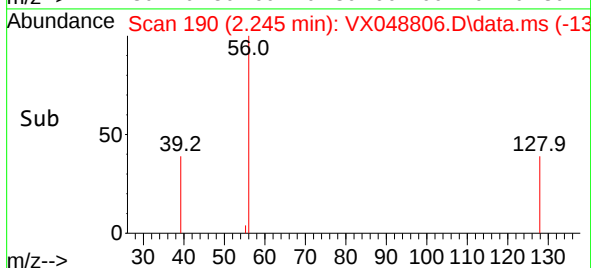
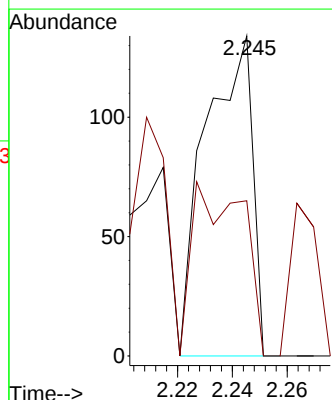
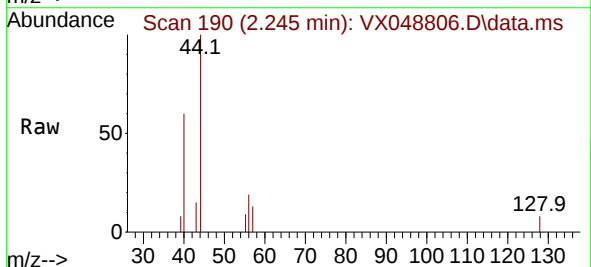
Instrument :
MSVOA_X
ClientSampleId :
IBLK

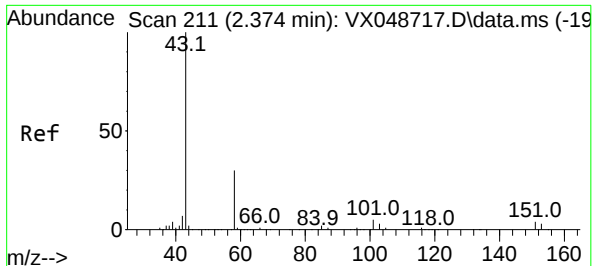
Tgt Ion:168 Resp: 182852
Ion Ratio Lower Upper
168 100
99 58.6 44.2 66.4



#13
Acrolein
Concen: 40.526 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX048806.D
Acq: 10 Dec 2025 13:29

Tgt Ion: 56 Resp: 159
Ion Ratio Lower Upper
56 100
55 27.0 55.8 83.6#

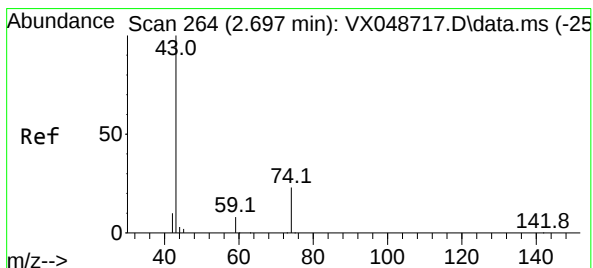
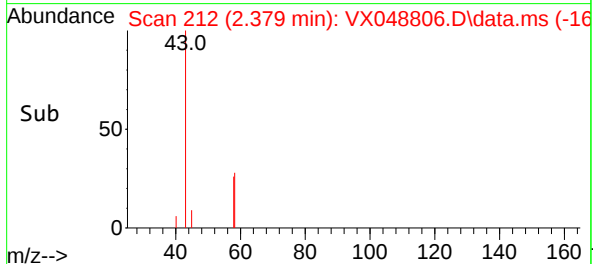
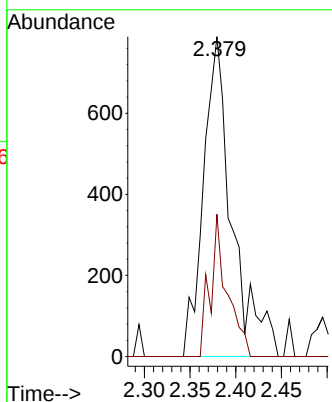
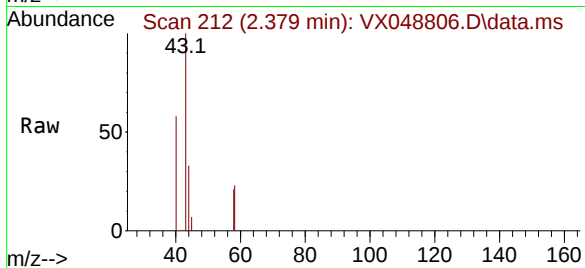




#16
Acetone
Concen: 1.830 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048806.D
Acq: 10 Dec 2025 13:29

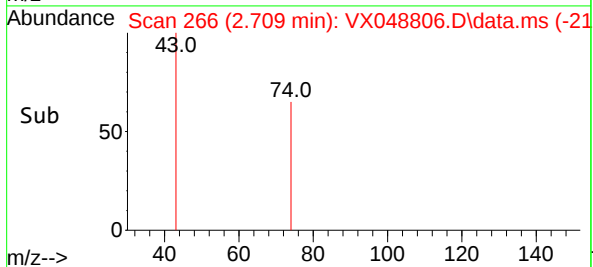
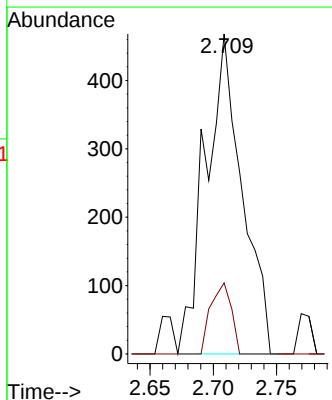
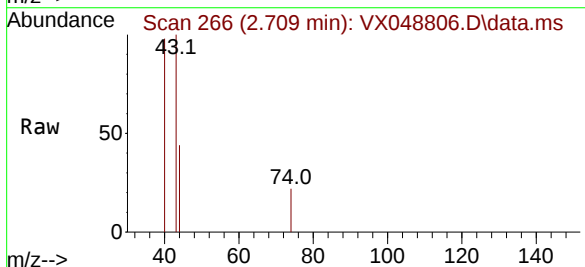
Instrument :
MSVOA_X
ClientSampleId :
IBLK

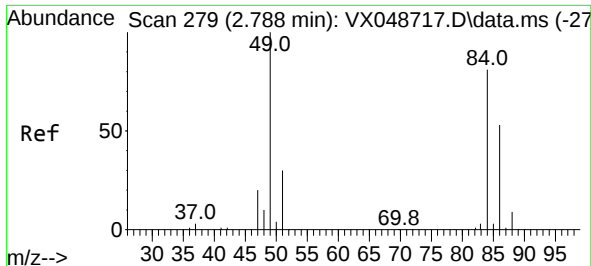
Tgt Ion: 43 Resp: 1719
Ion Ratio Lower Upper
43 100
58 44.5 25.0 37.4#



#18
Methyl Acetate
Concen: 0.356 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX048806.D
Acq: 10 Dec 2025 13:29

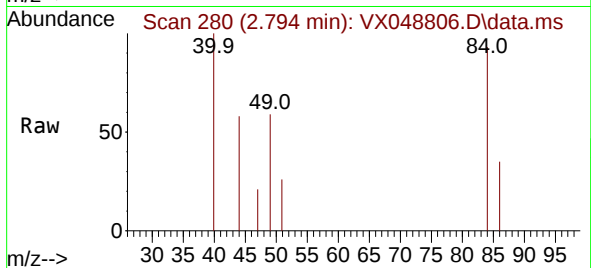
Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
74 12.4 19.2 28.8#



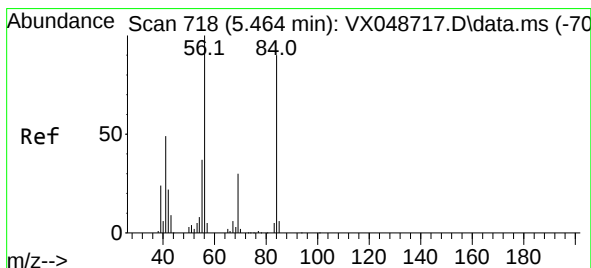
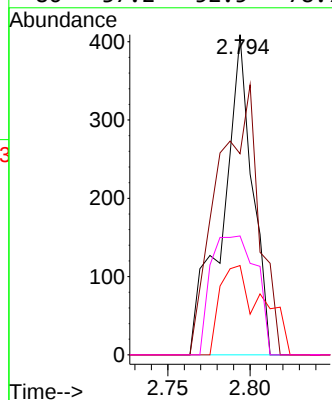
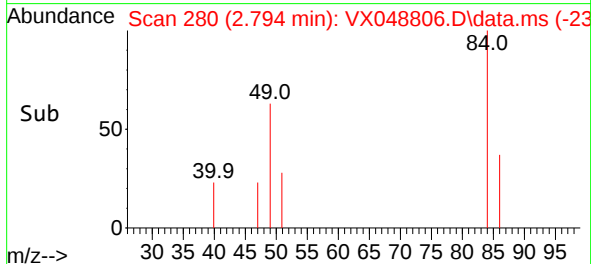


#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048806.D
Acq: 10 Dec 2025 13:29

Instrument :
MSVOA_X
ClientSampleId :
IBLK

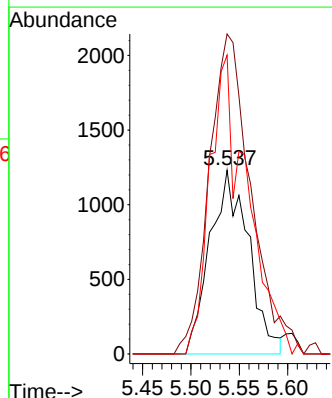
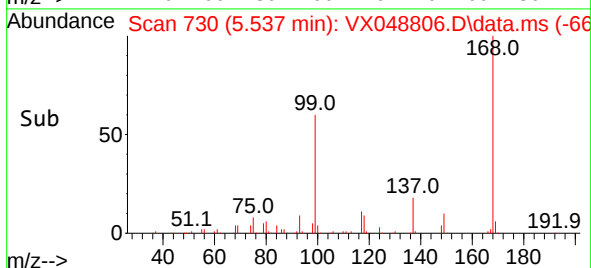
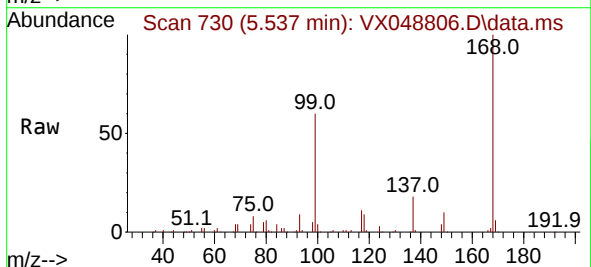


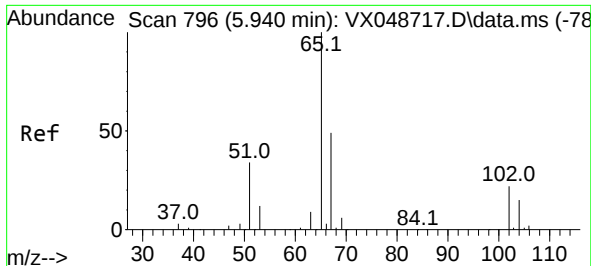
Tgt Ion:	84	Resp:	514
Ion	Ratio	Lower	Upper
84	100		
49	62.8	98.7	148.1#
51	27.9	29.4	44.2#
86	37.2	52.5	78.7#



#31
Cyclohexane
Concen: 1.027 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX048806.D
Acq: 10 Dec 2025 13:29

Tgt Ion:	56	Resp:	3406
Ion	Ratio	Lower	Upper
56	100		
69	168.5	24.2	36.2#
84	162.6	72.1	108.1#

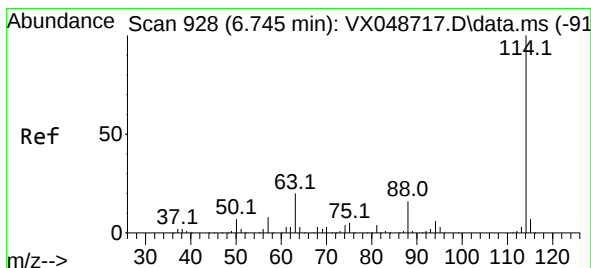
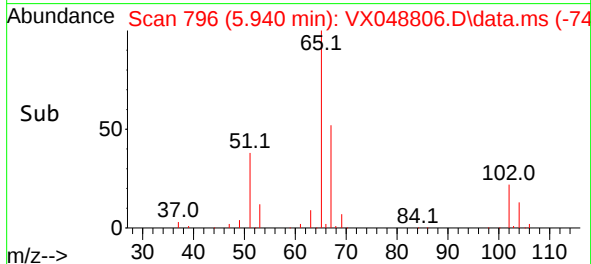
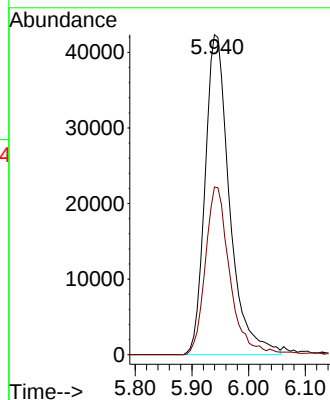
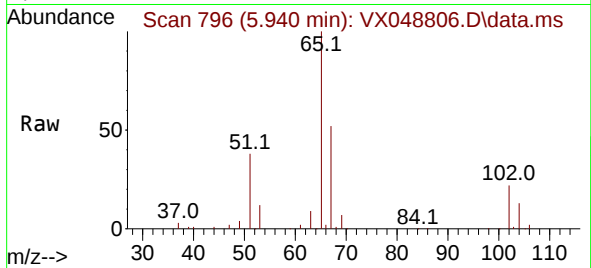




#33
 1,2-Dichloroethane-d4
 Concen: 51.717 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048806.D
 Acq: 10 Dec 2025 13:29

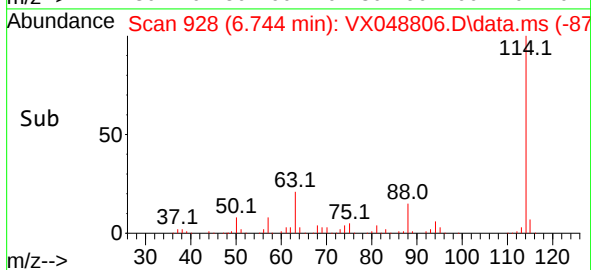
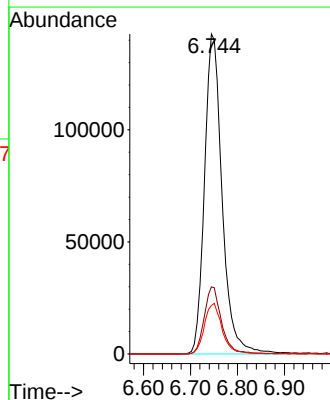
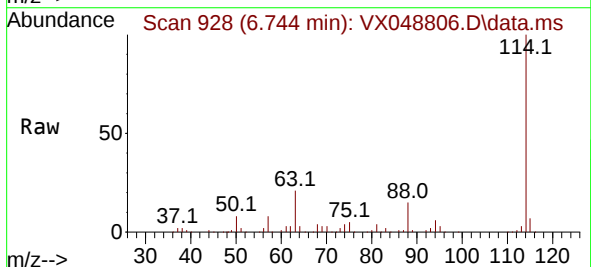
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

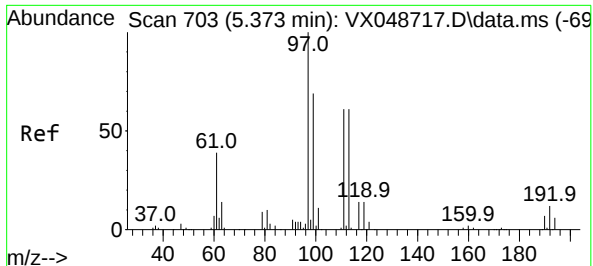
Tgt Ion: 65 Resp: 126925
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.744 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048806.D
 Acq: 10 Dec 2025 13:29

Tgt Ion: 114 Resp: 371316
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.0
 88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.037 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048806.D

Acq: 10 Dec 2025 13:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

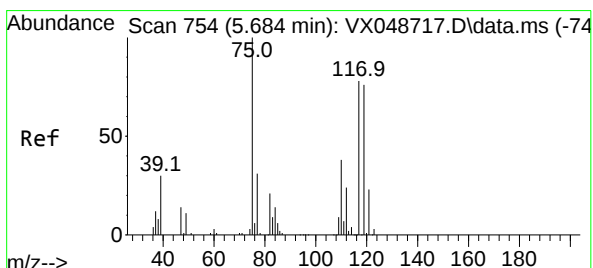
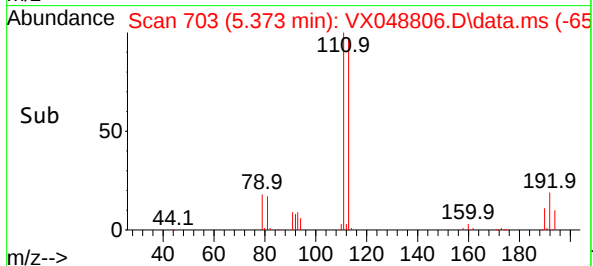
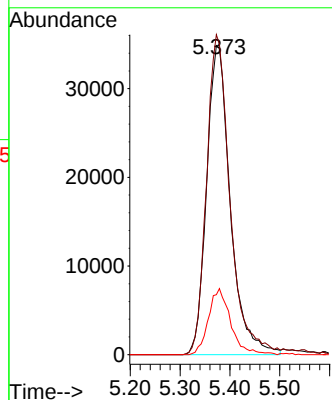
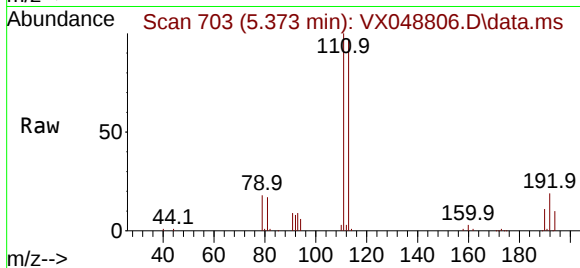
Tgt Ion:113 Resp: 115143

Ion Ratio Lower Upper

113 100

111 103.5 79.5 119.3

192 20.1 16.1 24.1



#36

1,1-Dichloropropene

Concen: 3.917 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX048806.D

Acq: 10 Dec 2025 13:29

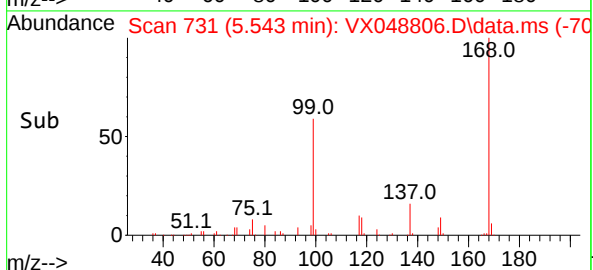
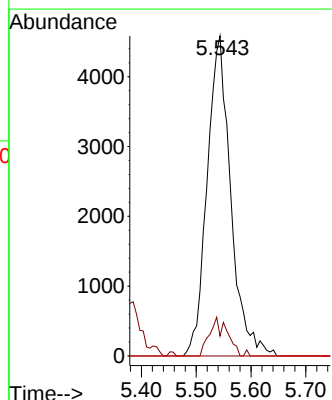
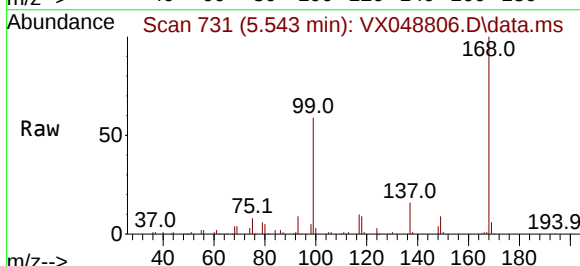
Tgt Ion: 75 Resp: 13716

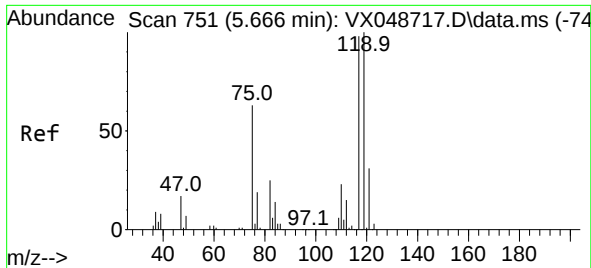
Ion Ratio Lower Upper

75 100

110 9.0 18.6 55.8#

77 0.0 25.3 37.9#

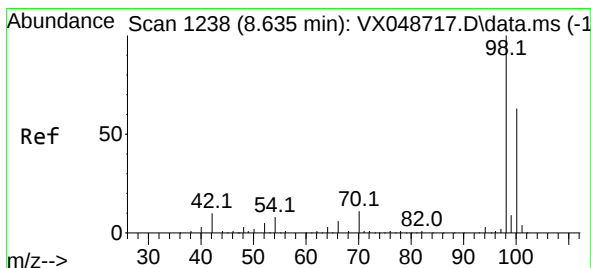
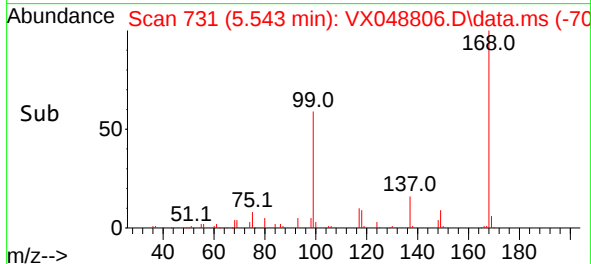
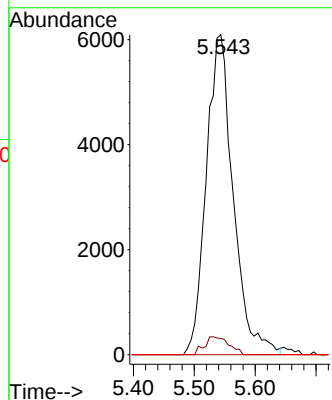
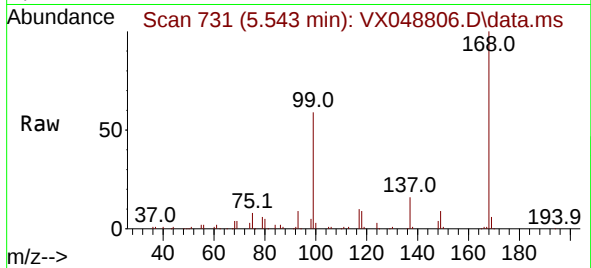




#38
Carbon Tetrachloride
Concen: 4.720 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX048806.D
Acq: 10 Dec 2025 13:29

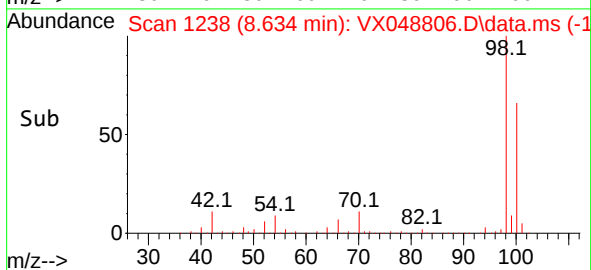
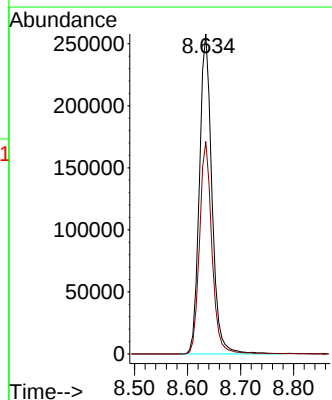
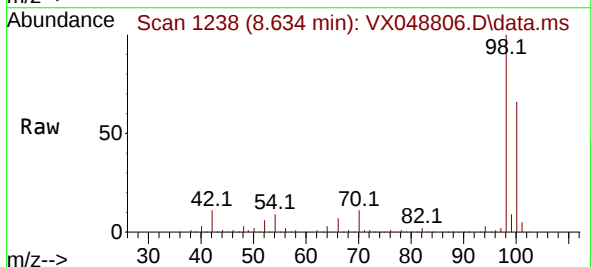
Instrument :
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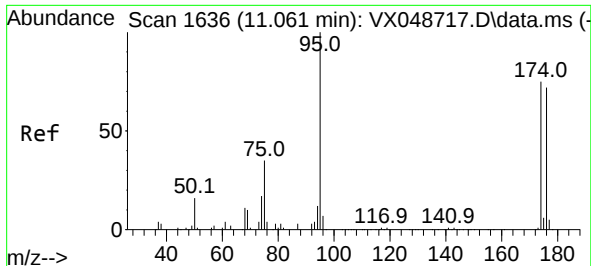
Tgt Ion:117 Resp: 18722
Ion Ratio Lower Upper
117 100
119 5.1 80.5 120.7#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 47.243 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048806.D
Acq: 10 Dec 2025 13:29

Tgt Ion: 98 Resp: 423388
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.0

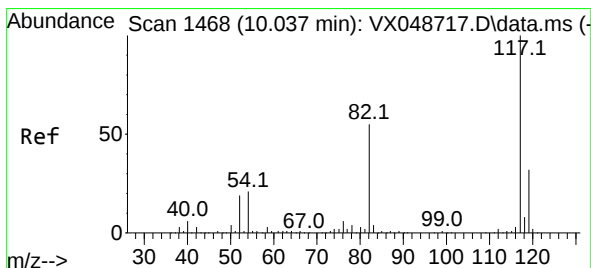
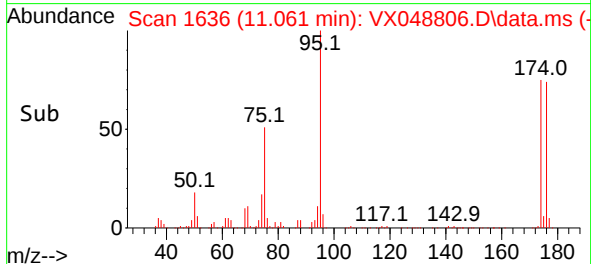
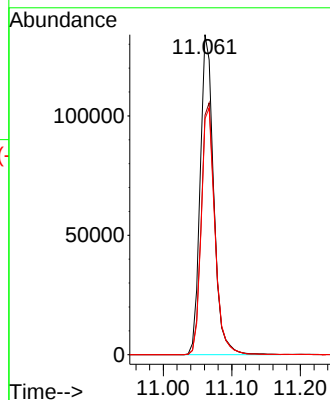
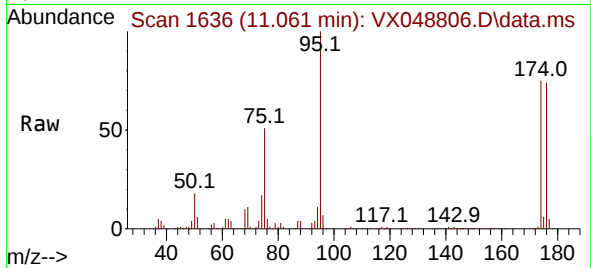




#62
4-Bromofluorobenzene
Concen: 59.559 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048806.D
Acq: 10 Dec 2025 13:29

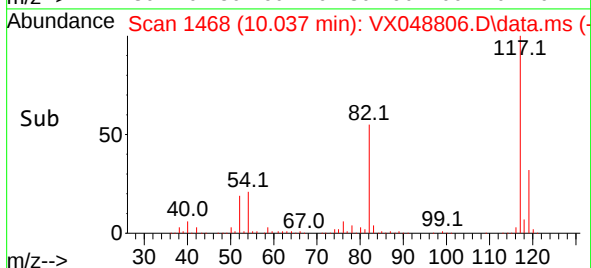
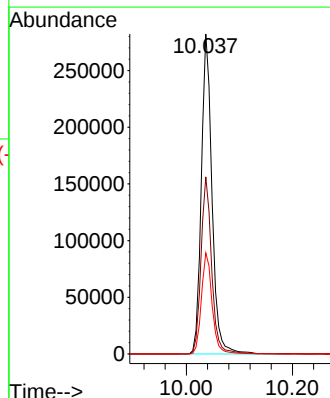
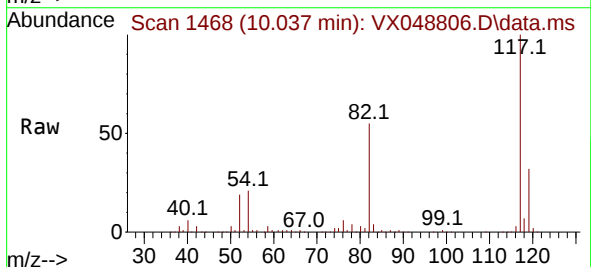
Instrument :
MSVOA_X
ClientSampleId :
IBLK

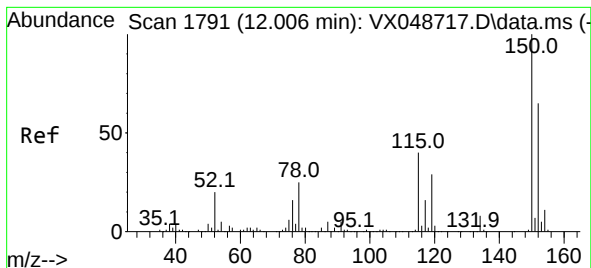
Tgt Ion: 95 Resp: 184056
Ion Ratio Lower Upper
95 100
174 79.9 0.0 157.8
176 78.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048806.D
Acq: 10 Dec 2025 13:29

Tgt Ion: 117 Resp: 395384
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 31.6 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048806.D

Acq: 10 Dec 2025 13:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

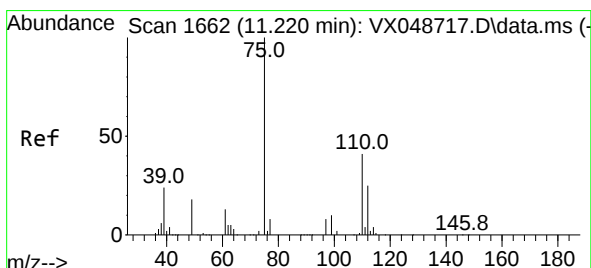
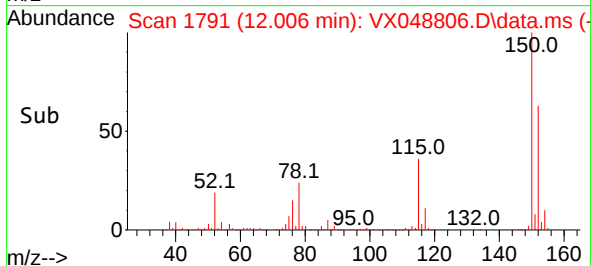
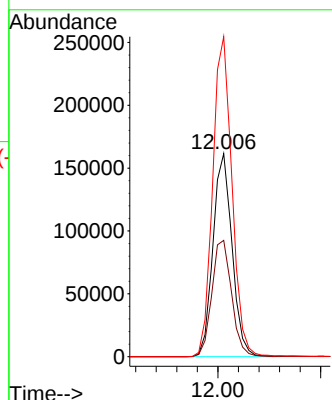
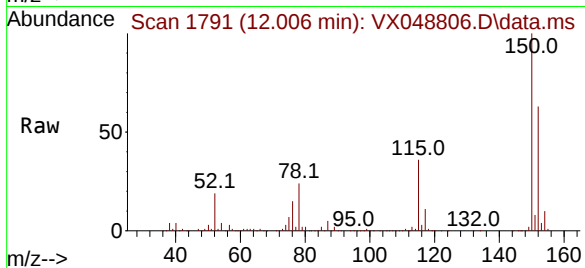
Tgt Ion:152 Resp: 207914

Ion Ratio Lower Upper

152 100

115 59.4 42.1 126.4

150 159.6 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 23.686 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX048806.D

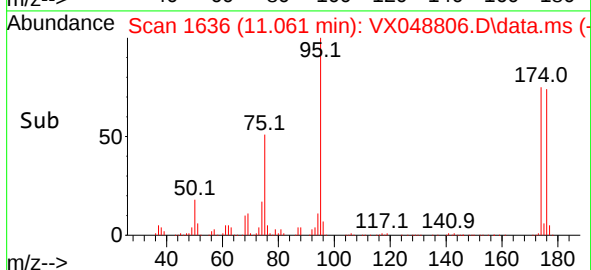
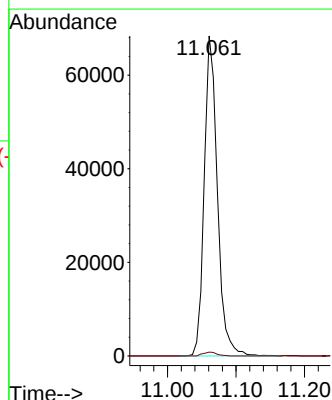
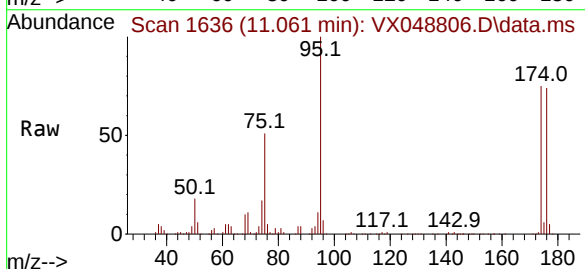
Acq: 10 Dec 2025 13:29

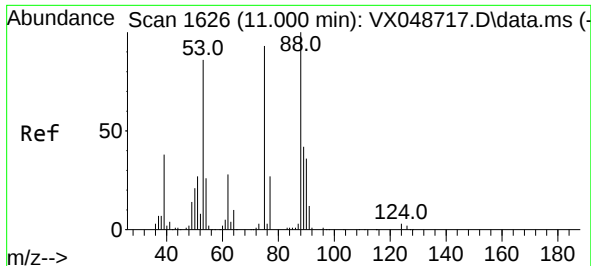
Tgt Ion: 75 Resp: 91722

Ion Ratio Lower Upper

75 100

77 1.3 24.3 73.0#

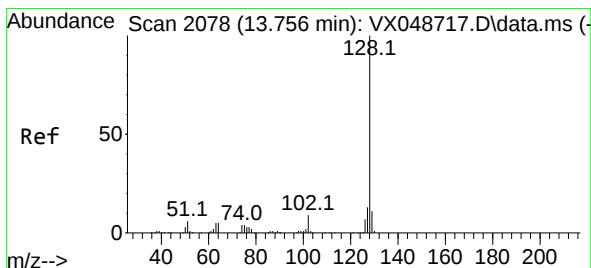
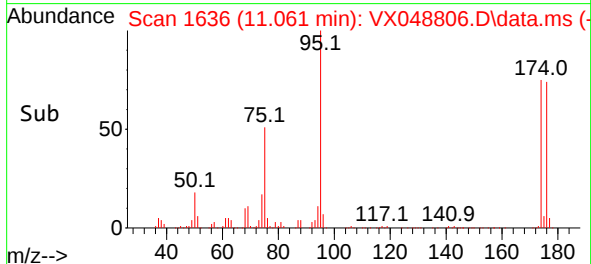
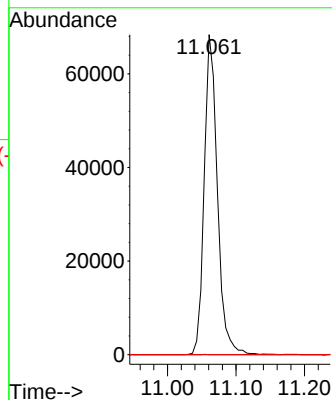
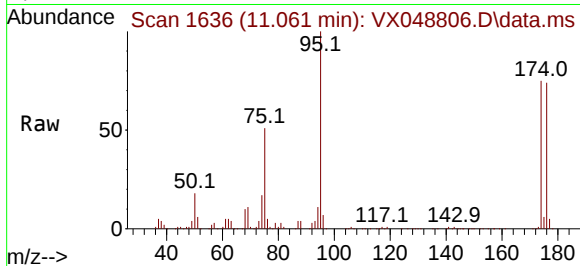




#81
trans-1,4-Dichloro-2-butene
Concen: 56.263 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048806.D
Acq: 10 Dec 2025 13:29

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 91722
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#



#95
Naphthalene
Concen: Below Cal
RT: 13.761 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048806.D
Acq: 10 Dec 2025 13:29

Tgt Ion:128 Resp: 3614
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 12.3 8.6 13.0

