

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100825\
 Data File : VX048069.D
 Acq On : 08 Oct 2025 12:43
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 09 04:53:33 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)

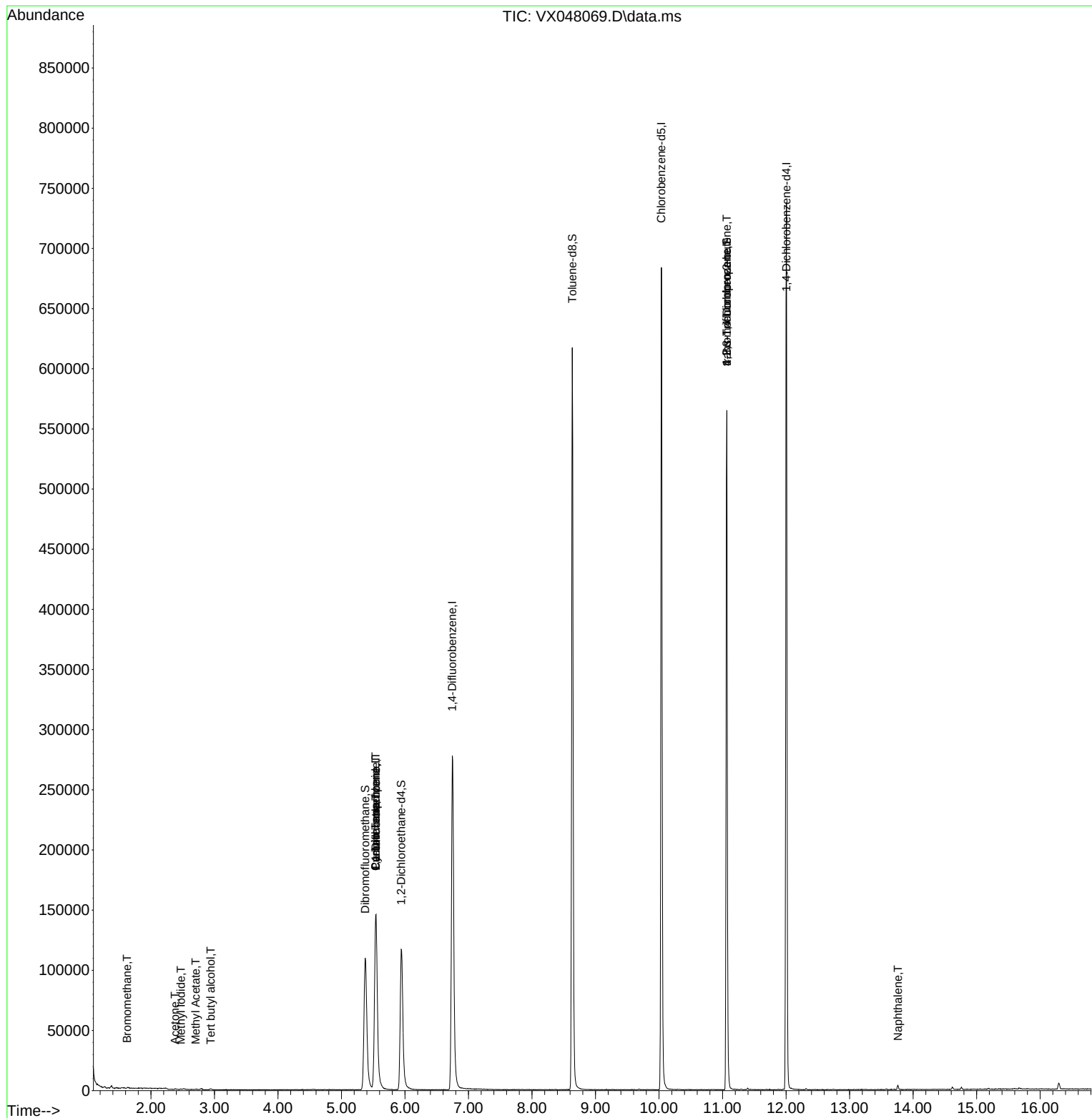
Internal Standards						
1) Pentafluorobenzene	5.543	168	148423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	300849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	311637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	153321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	131779	55.779	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.560%	
35) Dibromofluoromethane	5.373	113	109204	54.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.240%	
50) Toluene-d8	8.634	98	374947	53.706	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.420%	
62) 4-Bromofluorobenzene	11.067	95	158963	59.995	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	285	0.227	ug/l #	2
10) Methyl Iodide	2.471	142	562	0.210	ug/l #	84
11) Tert butyl alcohol	2.940	59	88	0.334	ug/l #	72
16) Acetone	2.379	43	615	0.599	ug/l #	85
18) Methyl Acetate	2.703	43	680	0.297	ug/l #	62
31) Cyclohexane	5.537	56	3255	1.043	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	12677	4.300	ug/l #	51
38) Carbon Tetrachloride	5.537	117	16172	5.048	ug/l #	19
76) 1,2,3-Trichloropropane	11.067	75	84374	27.180	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.067	75	84374	69.313	ug/l #	8
95) Naphthalene	13.761	128	2919	0.290	ug/l #	90

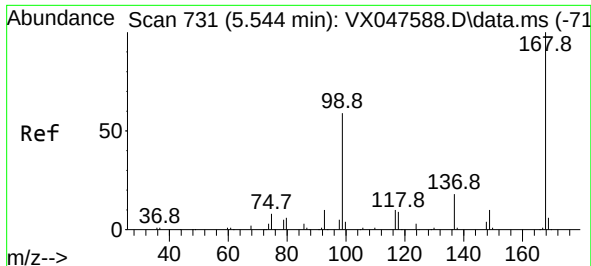
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100825\
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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_X
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IBLK

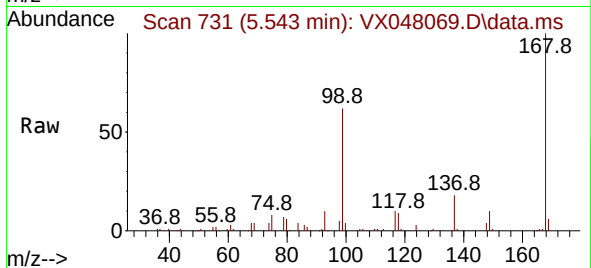
Quant Time: Oct 09 04:53:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



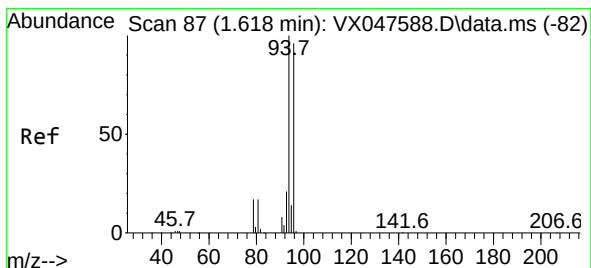
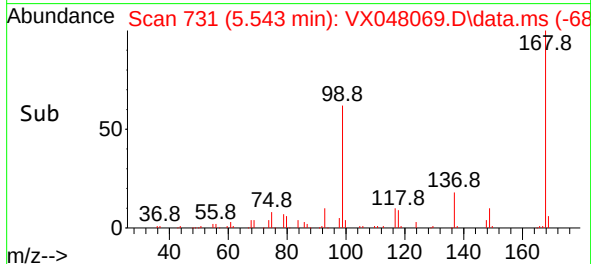
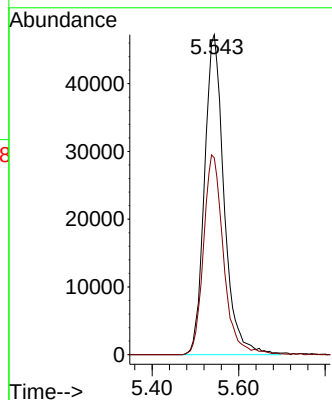


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
IBLK

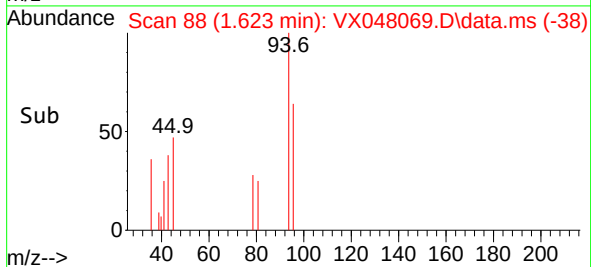
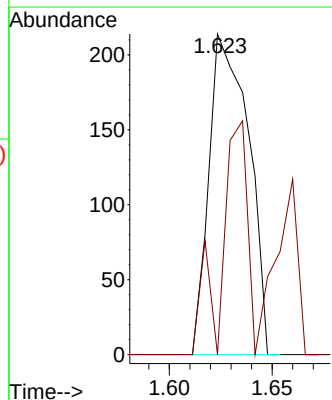
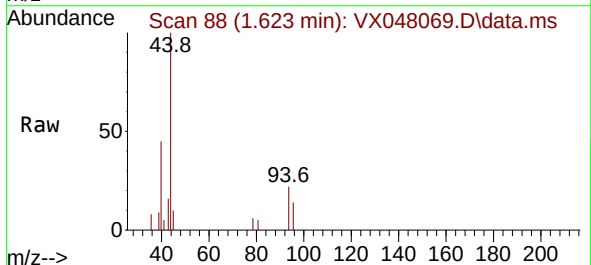


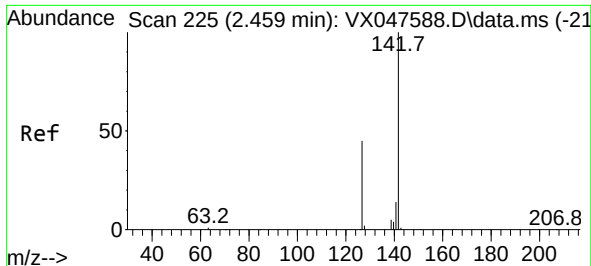
Tgt Ion:168 Resp: 148423
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2



#5
Bromomethane
Concen: 0.227 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

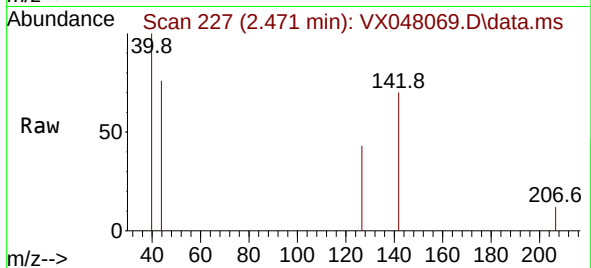
Tgt Ion: 94 Resp: 285
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#



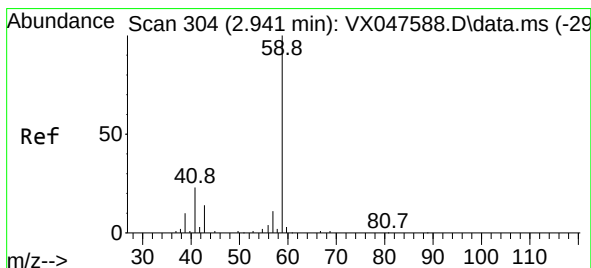
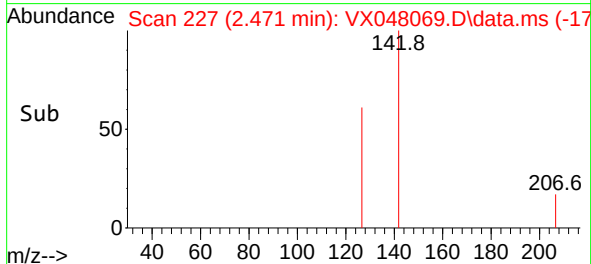
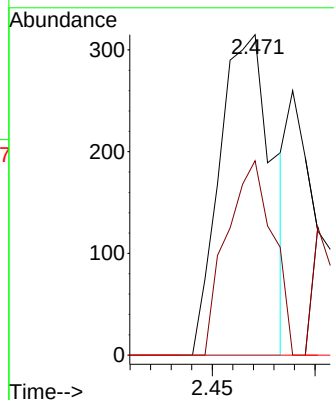


#10
Methyl Iodide
Concen: 0.210 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
IBLK

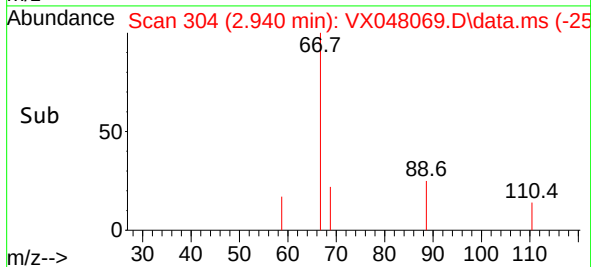
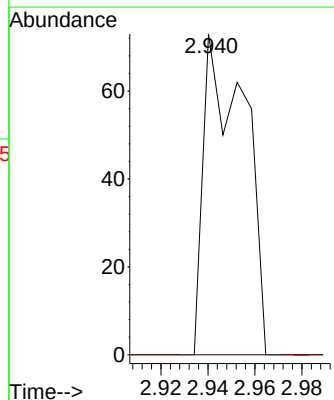
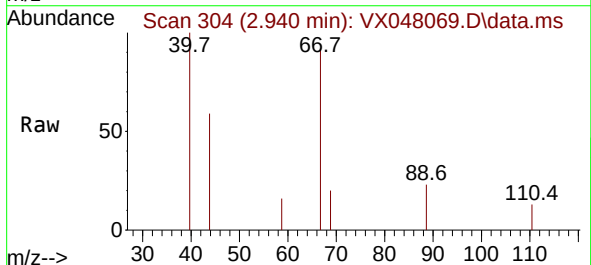


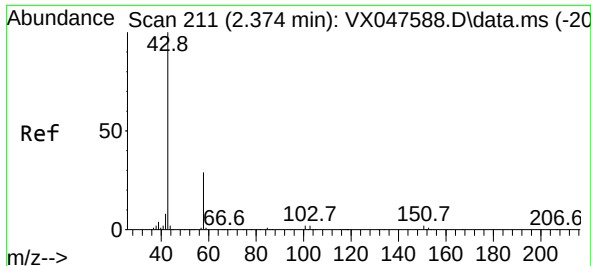
Tgt Ion:142 Resp: 562
Ion Ratio Lower Upper
142 100
127 53.0 37.2 55.8
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.334 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

Tgt Ion: 59 Resp: 88
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

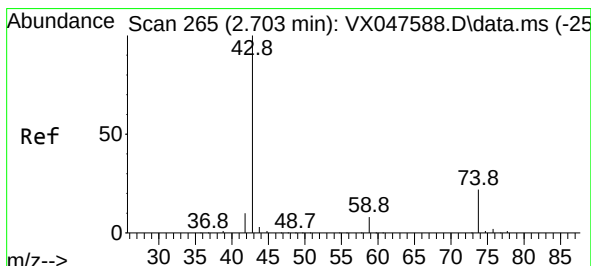
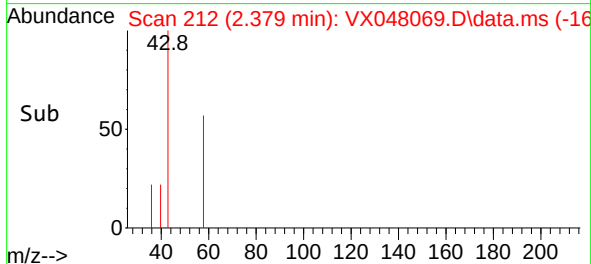
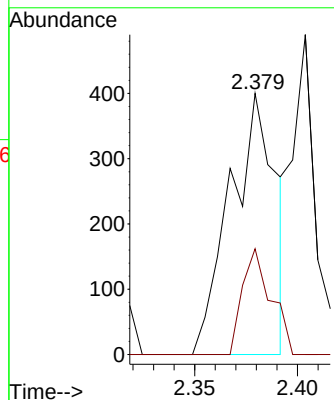
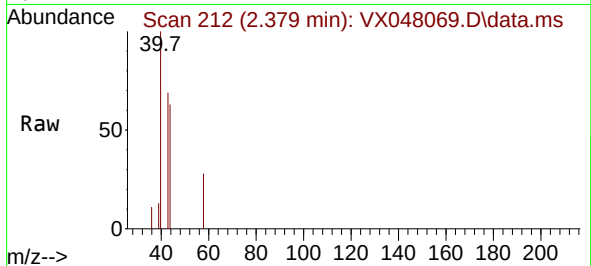




#16
Acetone
Concen: 0.599 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

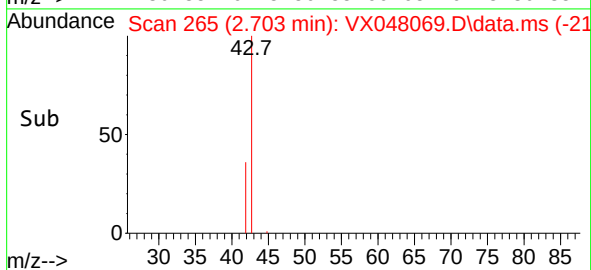
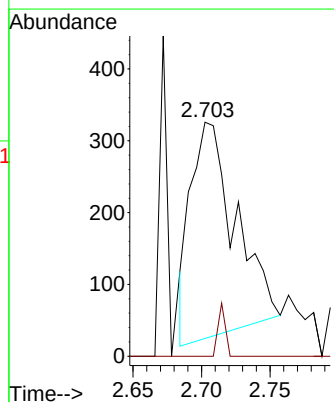
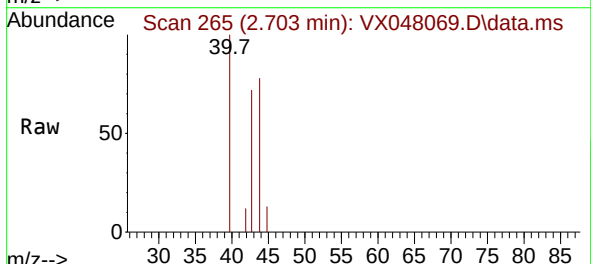
Instrument :
MSVOA_X
ClientSampleId :
IBLK

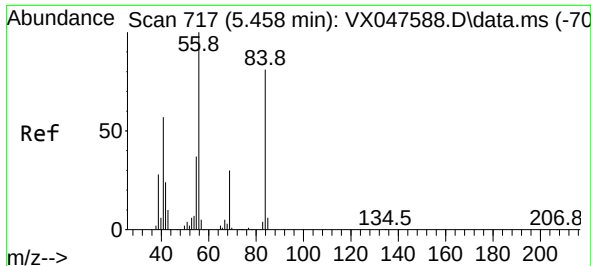
Tgt Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
58 21.2 23.4 35.0#



#18
Methyl Acetate
Concen: 0.297 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
74 4.0 17.4 26.2#

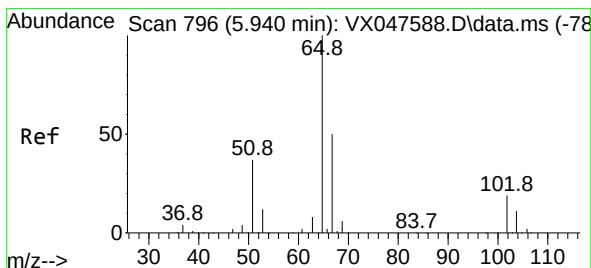
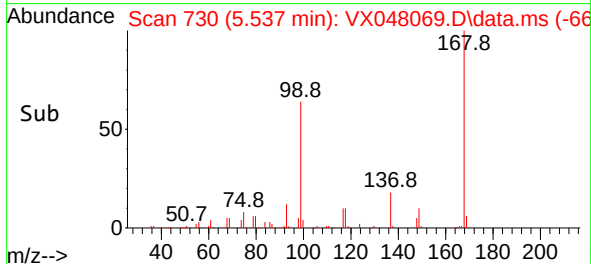
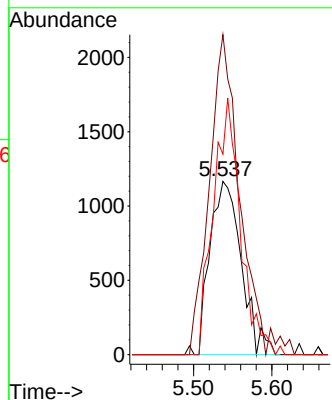
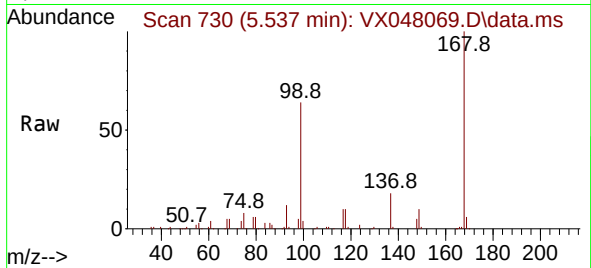




#31
Cyclohexane
Concen: 1.043 ug/l
RT: 5.537 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

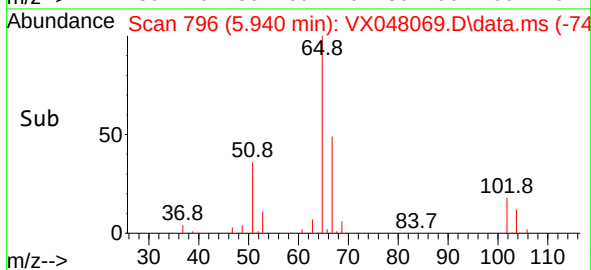
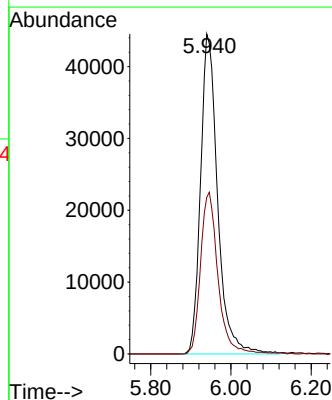
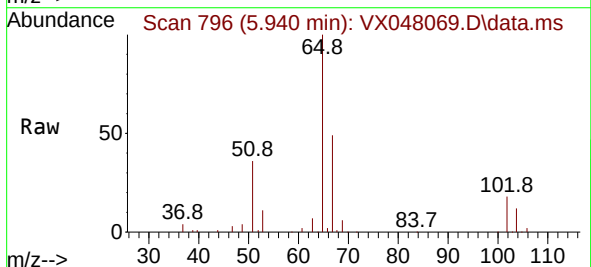
Instrument :
MSVOA_X
ClientSampleId :
IBLK

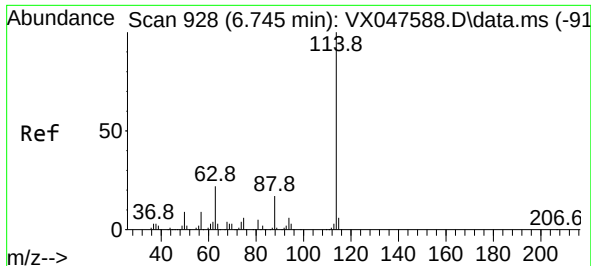
Tgt Ion: 56 Resp: 3255
Ion Ratio Lower Upper
56 100
69 184.6 23.8 35.8#
84 115.7 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 55.779 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

Tgt Ion: 65 Resp: 131779
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

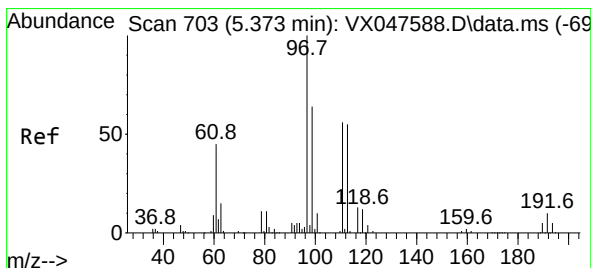
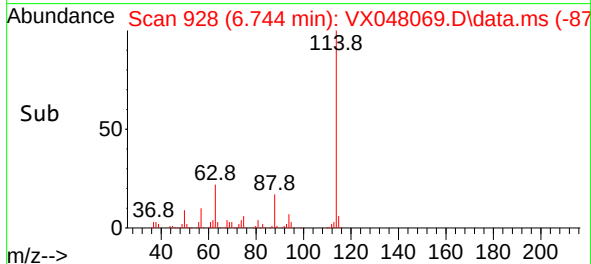
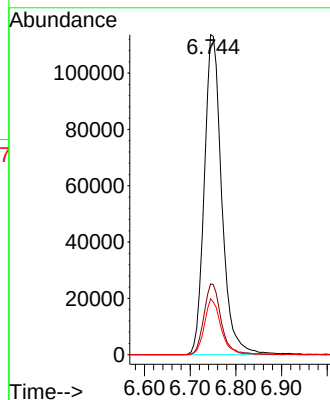
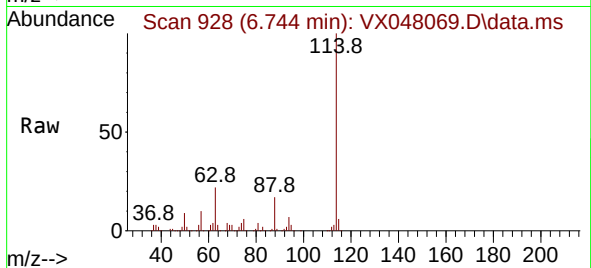




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

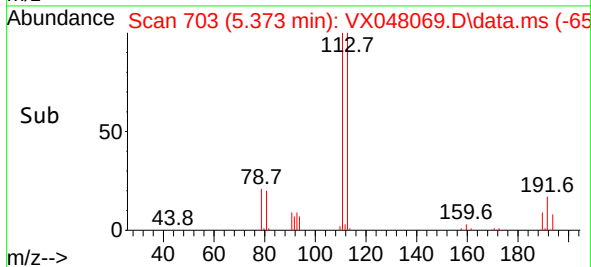
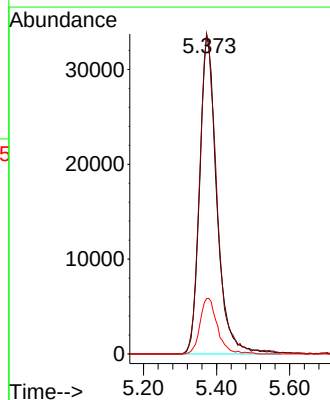
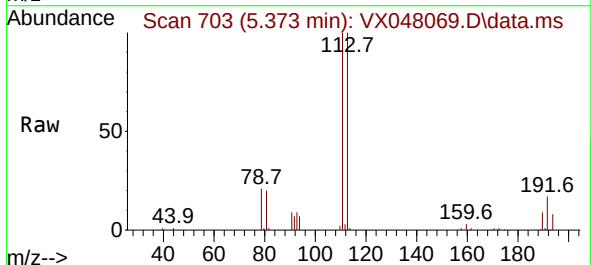
Instrument :
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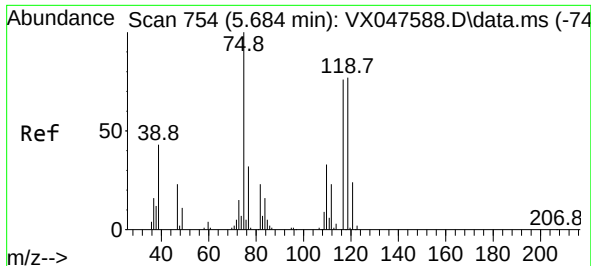
Tgt Ion:114 Resp: 300849
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 17.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 54.124 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

Tgt Ion:113 Resp: 109204
Ion Ratio Lower Upper
113 100
111 100.4 80.9 121.3
192 17.5 14.2 21.4

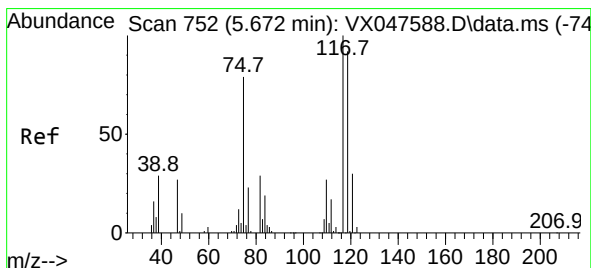
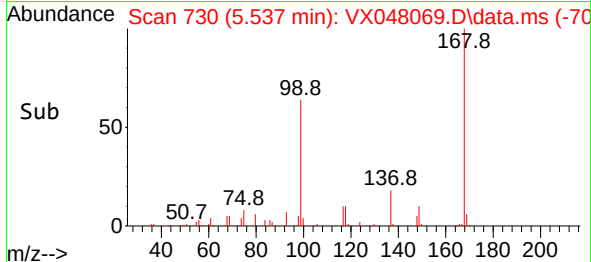
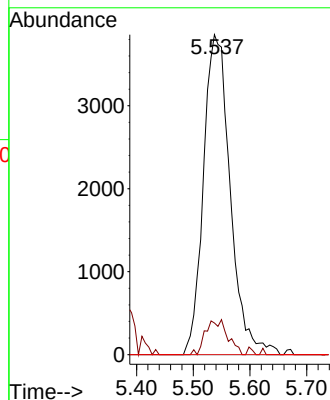
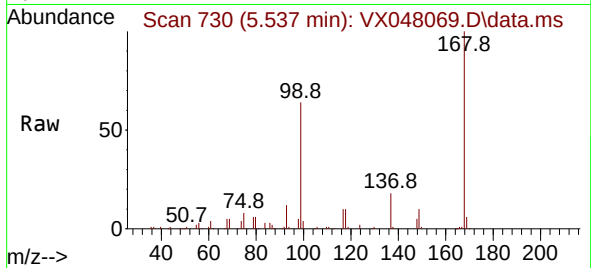




#36
1,1-Dichloropropene
Concen: 4.300 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.147 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

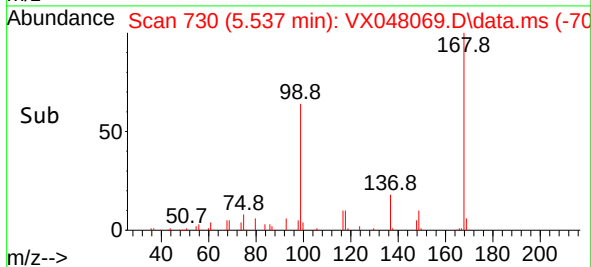
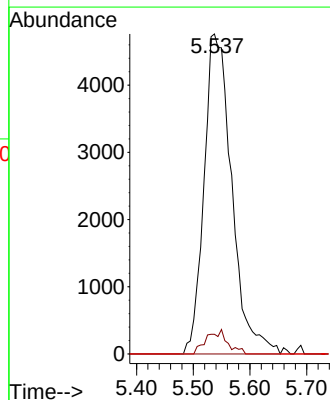
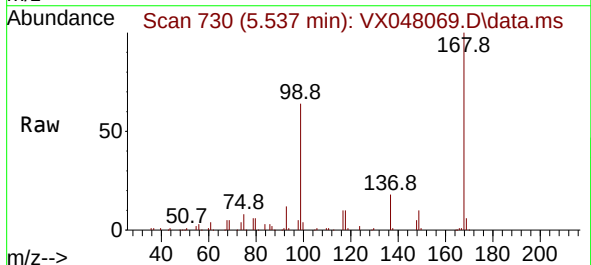
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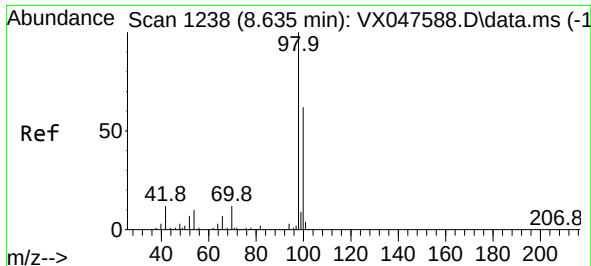
Tgt Ion: 75 Resp: 12677
Ion Ratio Lower Upper
75 100
110 9.0 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.048 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

Tgt Ion: 117 Resp: 16172
Ion Ratio Lower Upper
117 100
119 6.1 73.4 110.2#
121 0.0 23.8 35.6#

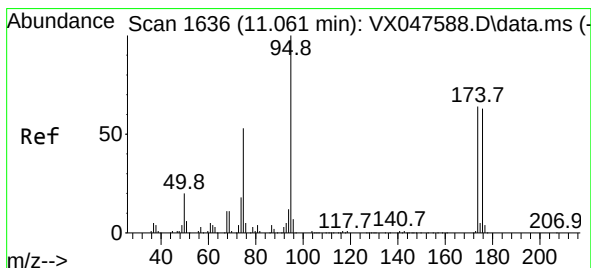
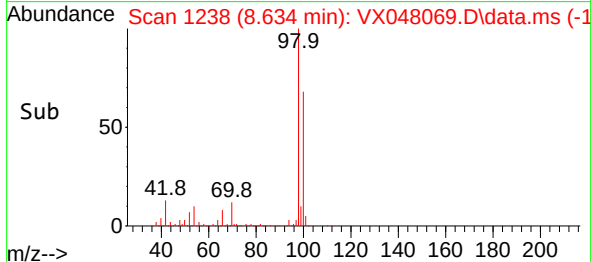
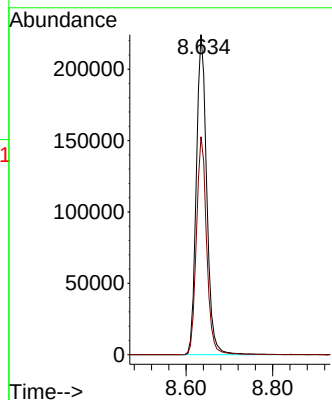
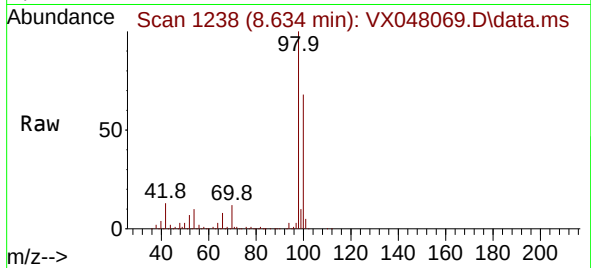




#50
Toluene-d8
Concen: 53.706 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

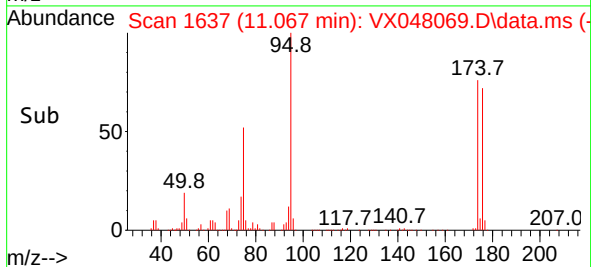
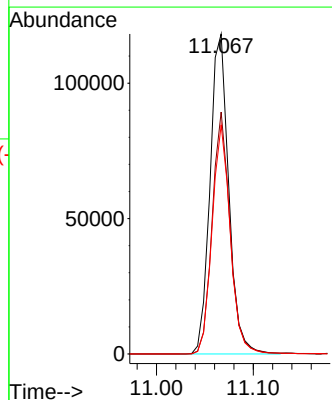
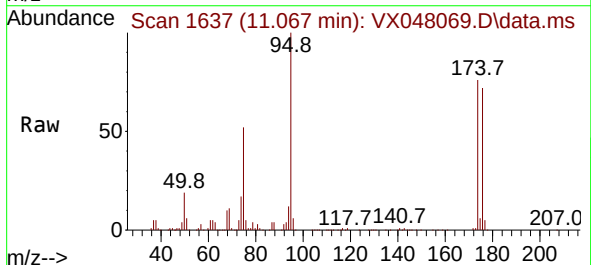
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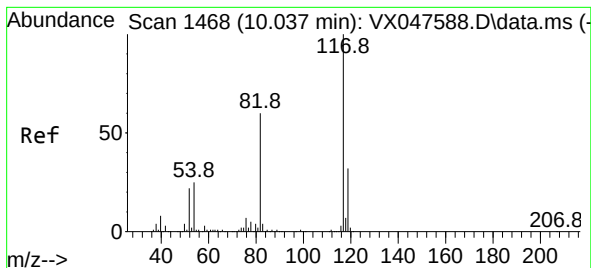
Tgt Ion: 98 Resp: 374947
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 59.995 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

Tgt Ion: 95 Resp: 158963
Ion Ratio Lower Upper
95 100
174 72.8 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: VX048069.D

Acq: 08 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

IBLK

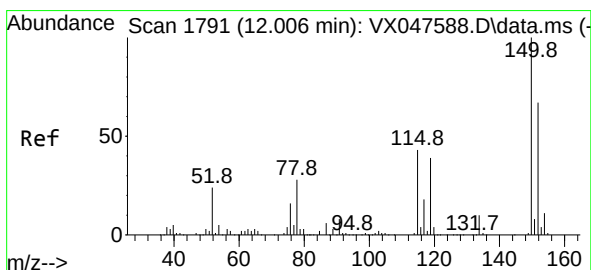
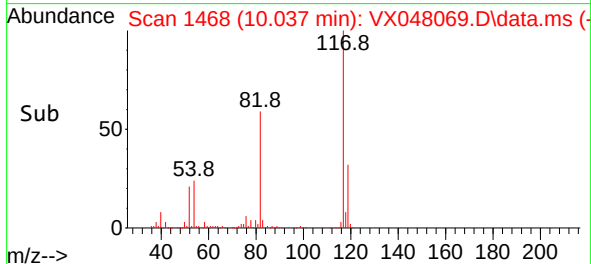
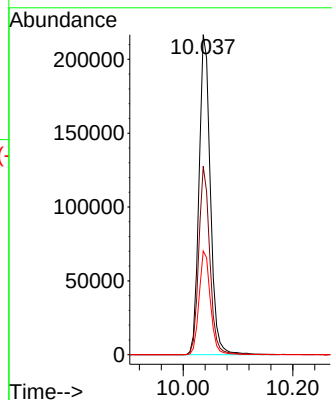
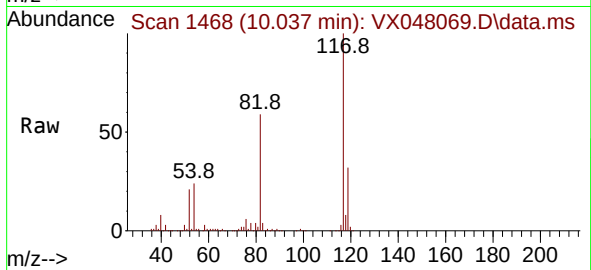
Tgt Ion:117 Resp: 311637

Ion Ratio Lower Upper

117 100

82 58.8 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: VX048069.D

Acq: 08 Oct 2025 12:43

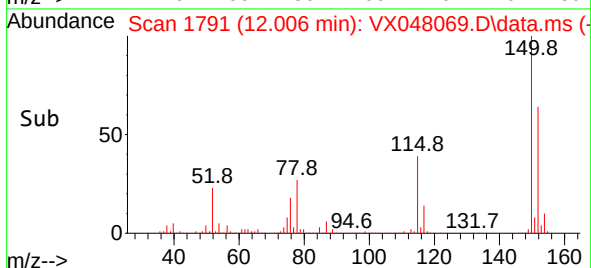
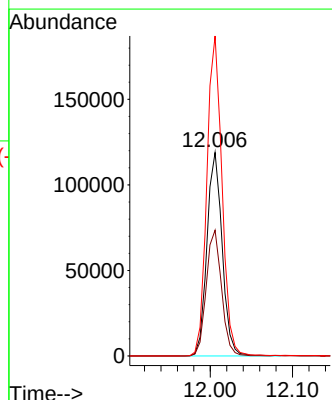
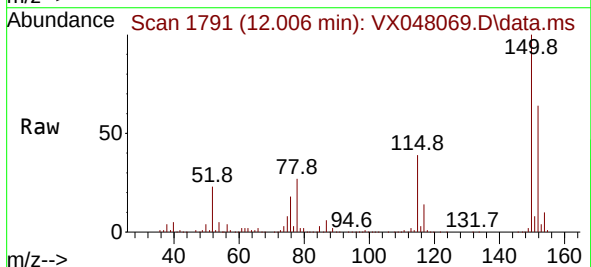
Tgt Ion:152 Resp: 153321

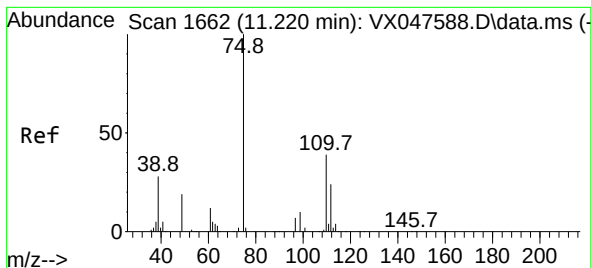
Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 156.4 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 27.180 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. -0.153 min

Lab File: VX048069.D

Acq: 08 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

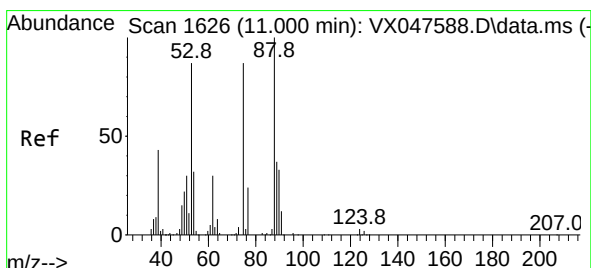
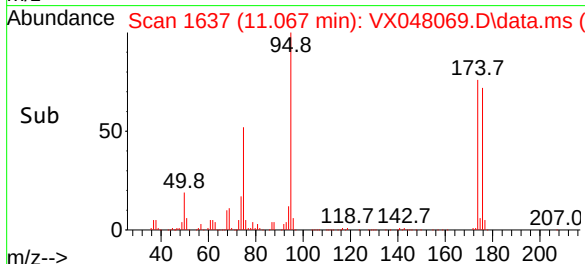
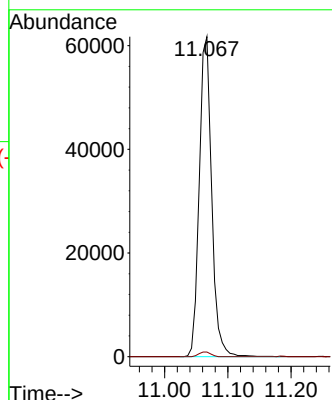
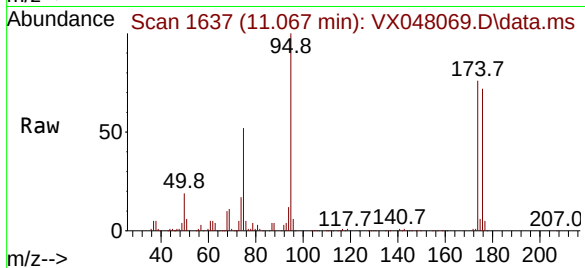
IBLK

Tgt Ion: 75 Resp: 84374

Ion Ratio Lower Upper

75 100

77 1.4 18.8 56.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.313 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.067 min

Lab File: VX048069.D

Acq: 08 Oct 2025 12:43

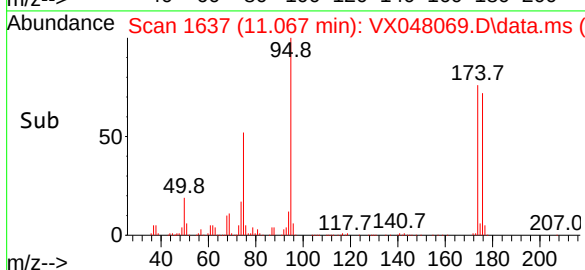
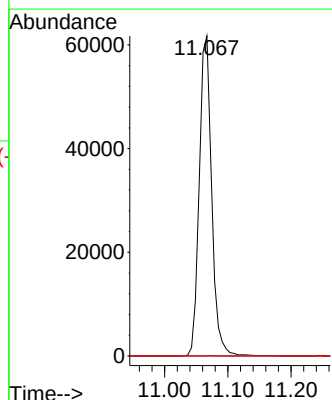
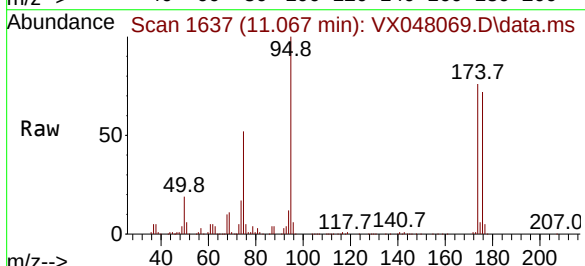
Tgt Ion: 75 Resp: 84374

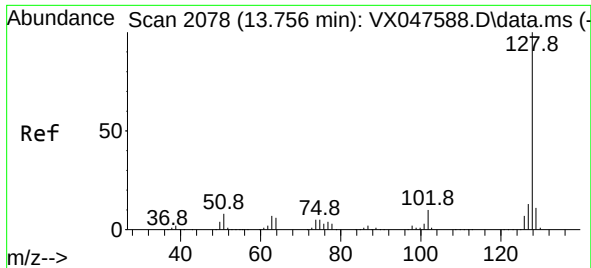
Ion Ratio Lower Upper

75 100

53 0.0 83.4 125.2#

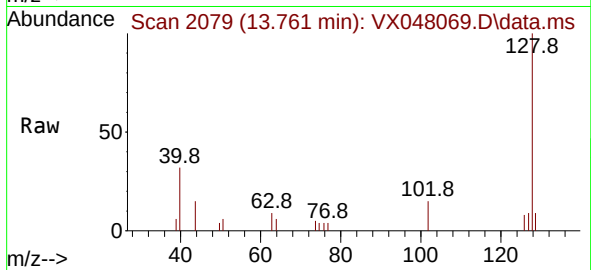
89 0.0 36.3 54.5#





#95
Naphthalene
Concen: 0.290 ug/l
RT: 13.761 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048069.D
Acq: 08 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 2919
Ion Ratio Lower Upper
128 100
127 11.3 10.2 15.2
129 4.2 8.8 13.2#

