

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048349.D
 Acq On : 24 Oct 2025 13:07
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 24 23:04:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	148473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	292353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	292509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142629	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	116641	56.032	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.060%
35) Dibromofluoromethane	5.373	113	79776	39.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	79.940%
50) Toluene-d8	8.635	98	336954	48.165	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.340%
62) 4-Bromofluorobenzene	11.061	95	138430	52.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.020%

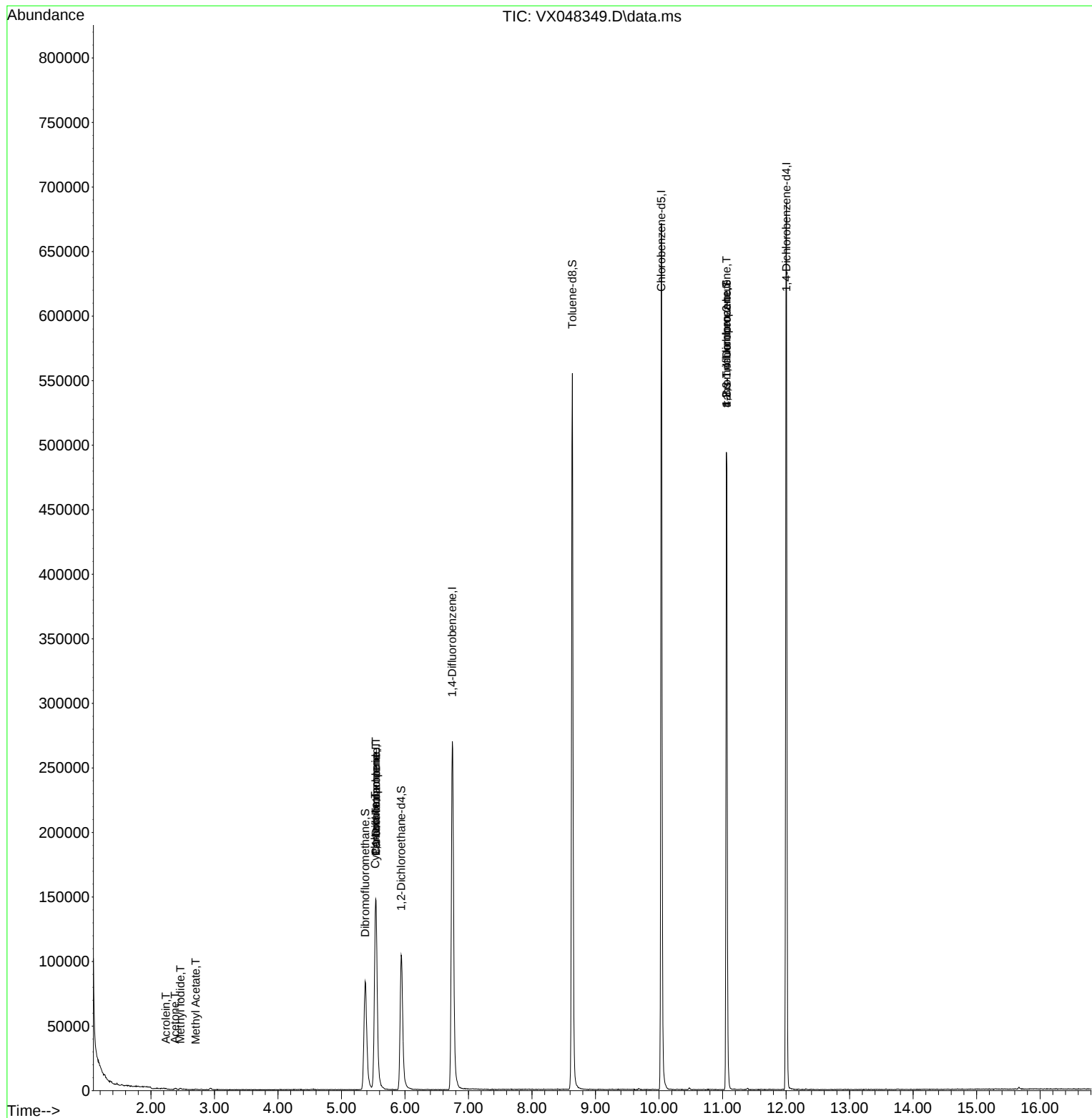
Target Compounds					Qvalue	
10) Methyl Iodide	2.465	142	1259	0.625	ug/l #	80
13) Acrolein	2.233	56	75	0.356	ug/l #	15
16) Acetone	2.380	43	1238	1.734	ug/l #	66
18) Methyl Acetate	2.703	43	437	0.293	ug/l #	54
31) Cyclohexane	5.531	56	3623	1.402	ug/l #	49
36) 1,1-Dichloropropene	5.544	75	12726	4.486	ug/l #	49
38) Carbon Tetrachloride	5.544	117	16070	4.592	ug/l #	16
76) 1,2,3-Trichloropropane	11.061	75	76837	33.220	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	76837	80.822	ug/l #	10

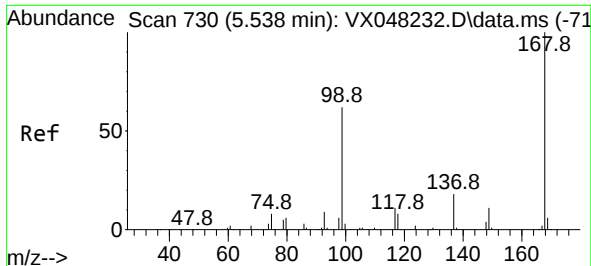
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Oct 24 23:04:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

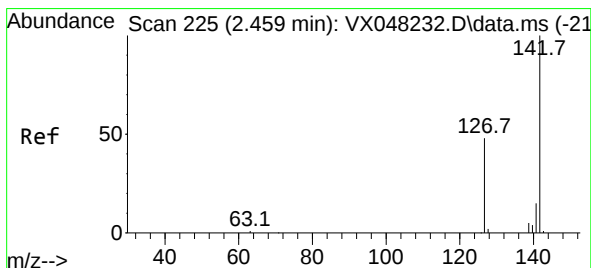
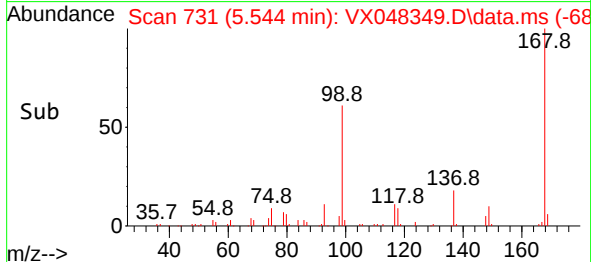
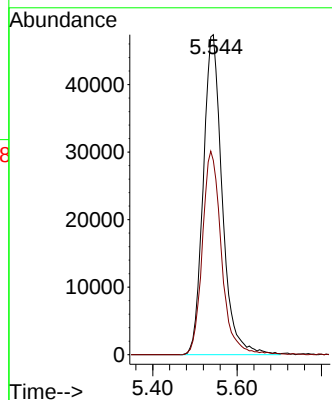
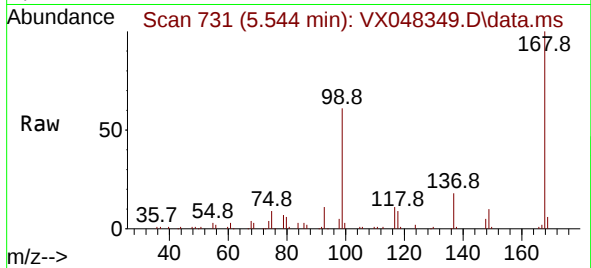




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

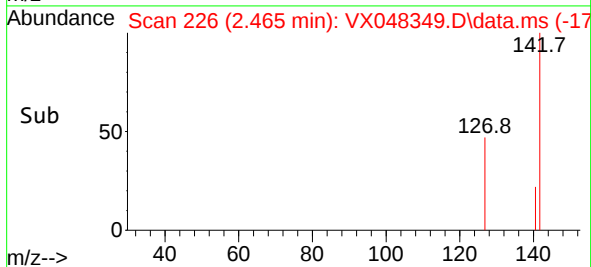
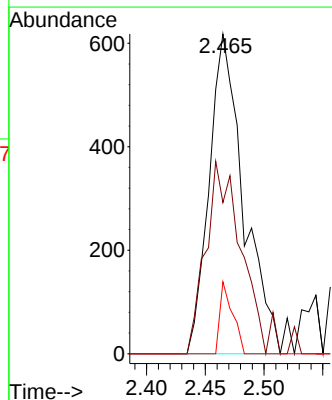
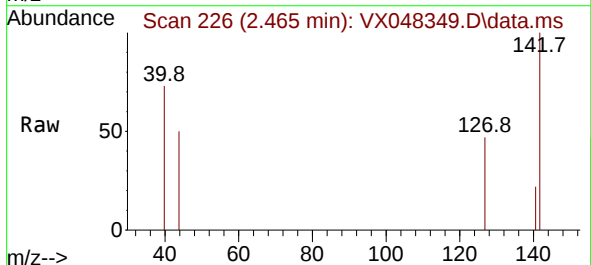
Instrument :
MSVOA_X
ClientSampleId :
IBLK

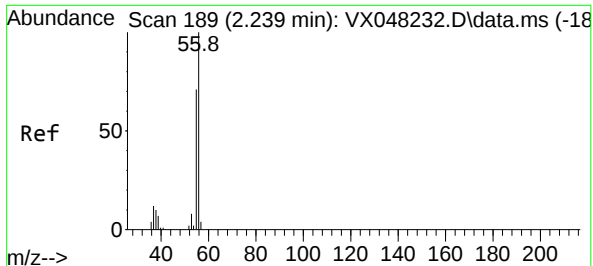
Tgt Ion:168 Resp: 148473
Ion Ratio Lower Upper
168 100
99 60.7 46.4 69.6



#10
Methyl Iodide
Concen: 0.625 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

Tgt Ion:142 Resp: 1259
Ion Ratio Lower Upper
142 100
127 62.8 38.5 57.7#
141 8.3 11.6 17.4#

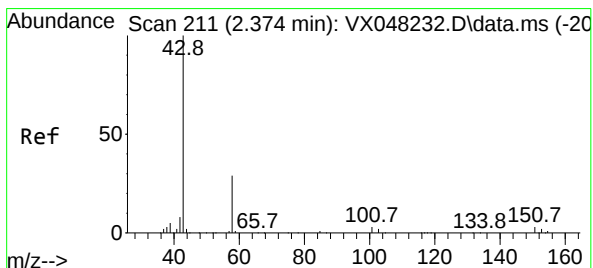
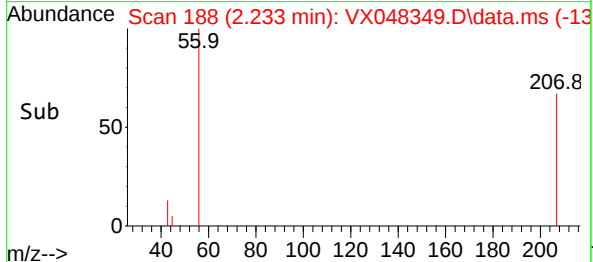
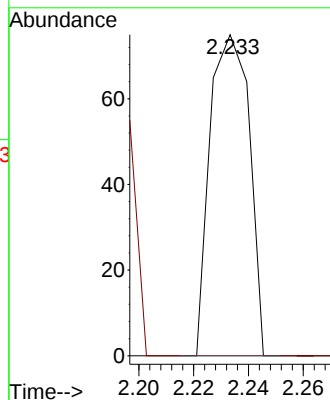
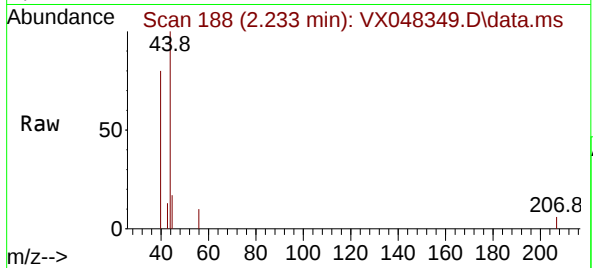




#13
Acrolein
Concen: 0.356 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

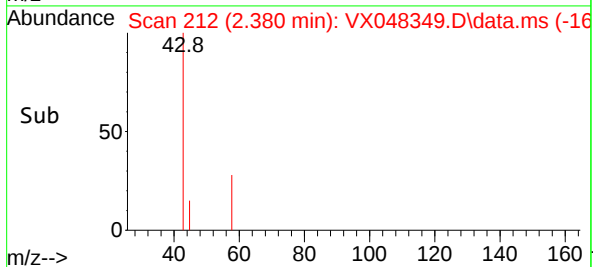
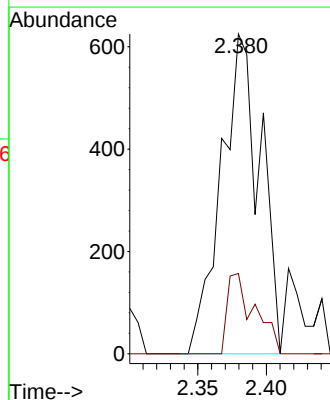
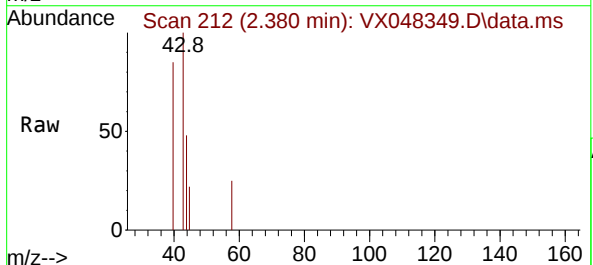
Instrument :
MSVOA_X
ClientSampleId :
IBLK

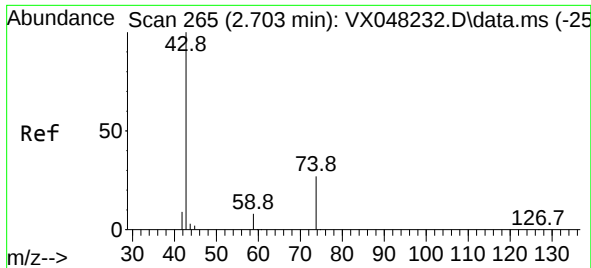
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 0.0 56.1 84.1#



#16
Acetone
Concen: 1.734 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
58 47.7 23.4 35.2#

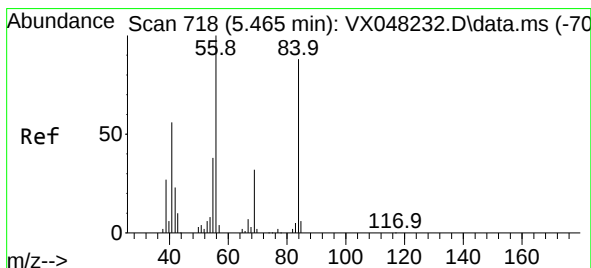
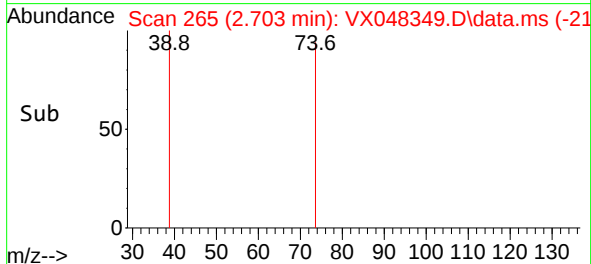
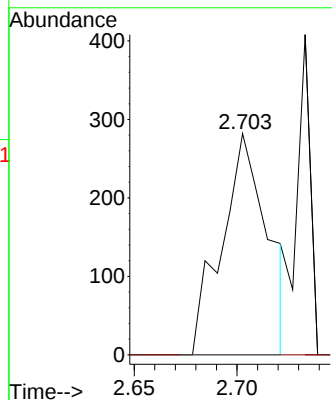
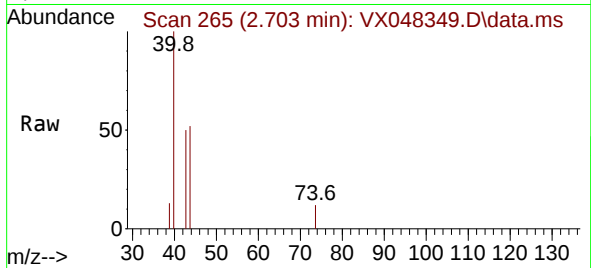




#18
Methyl Acetate
Concen: 0.293 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

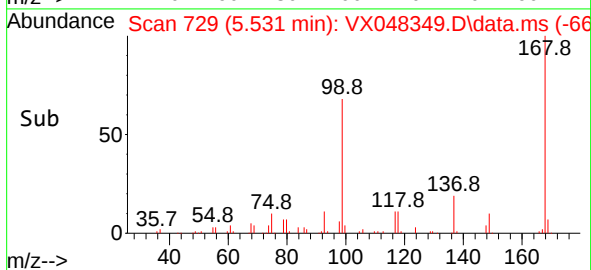
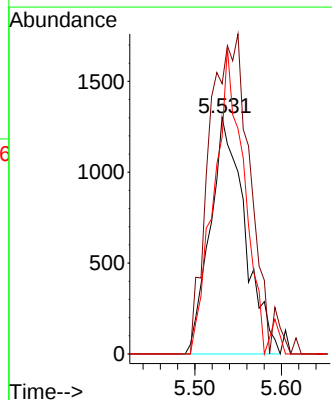
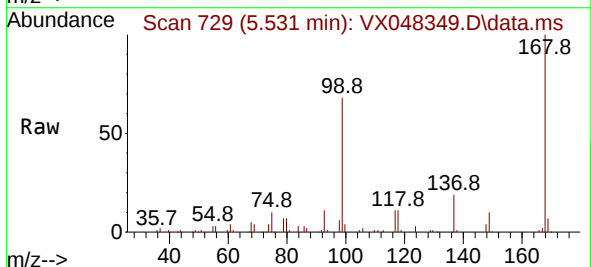
Instrument :
MSVOA_X
ClientSampleId :
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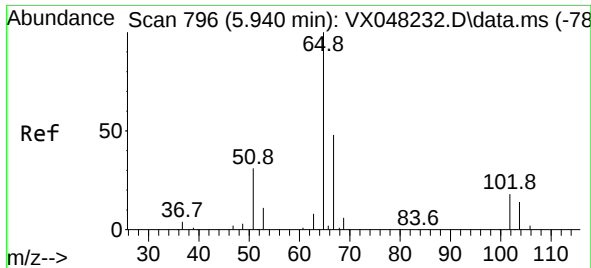
Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#31
Cyclohexane
Concen: 1.402 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

Tgt Ion: 56 Resp: 3623
Ion Ratio Lower Upper
56 100
69 114.2 23.0 34.6#
84 91.7 64.6 97.0

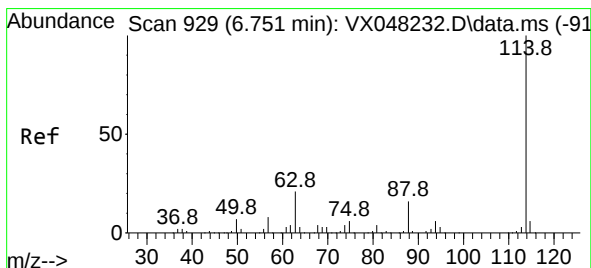
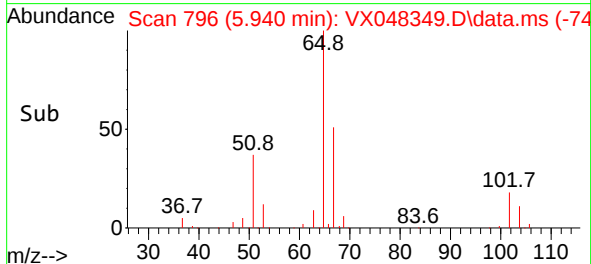
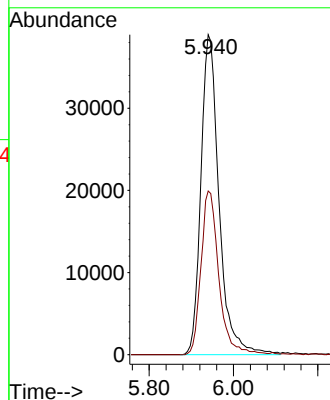
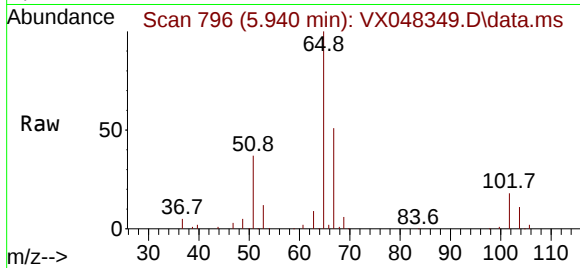




#33
 1,2-Dichloroethane-d4
 Concen: 56.032 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048349.D
 Acq: 24 Oct 2025 13:07

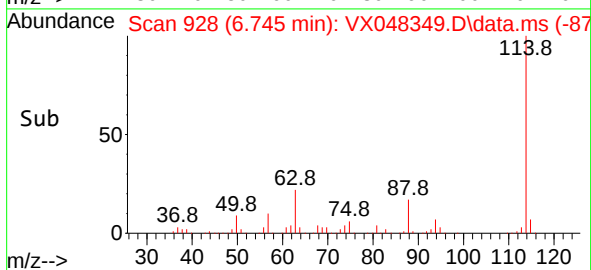
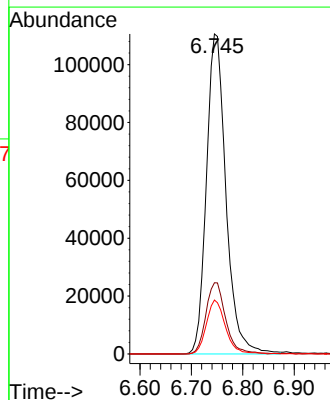
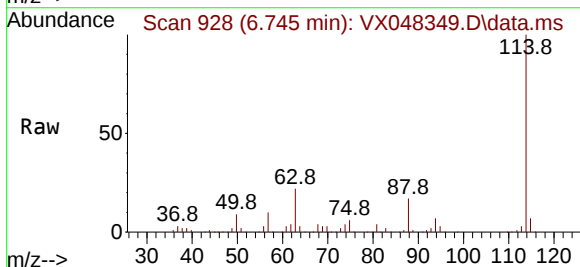
Instrument :
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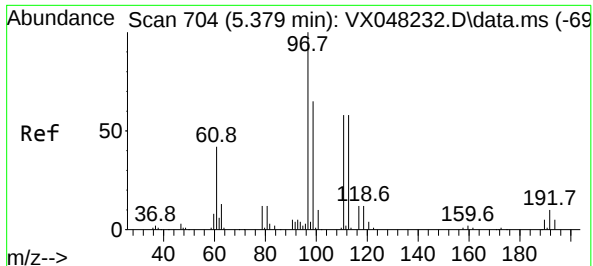
Tgt Ion: 65 Resp: 116641
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048349.D
 Acq: 24 Oct 2025 13:07

Tgt Ion: 114 Resp: 292353
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.2
 88 16.8 0.0 33.6

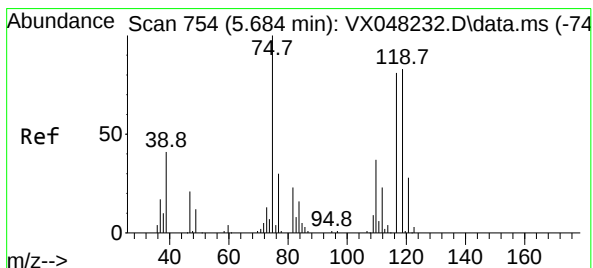
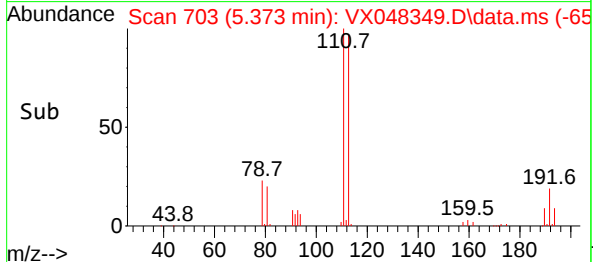
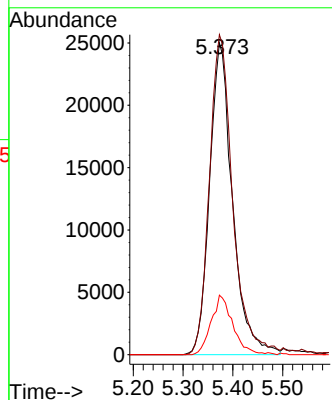
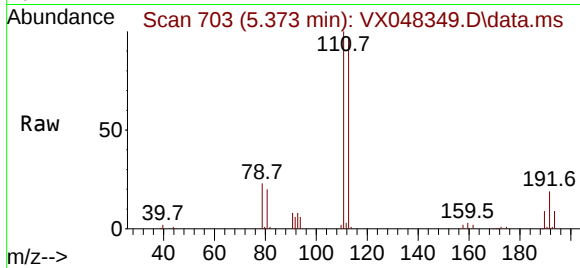




#35
Dibromofluoromethane
Concen: 39.970 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

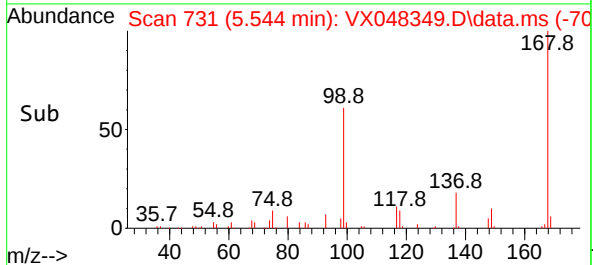
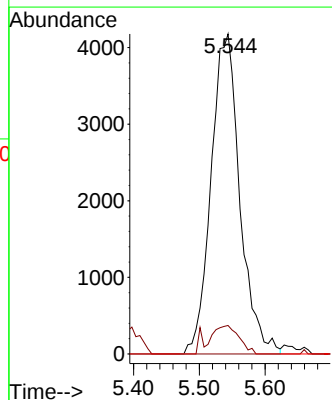
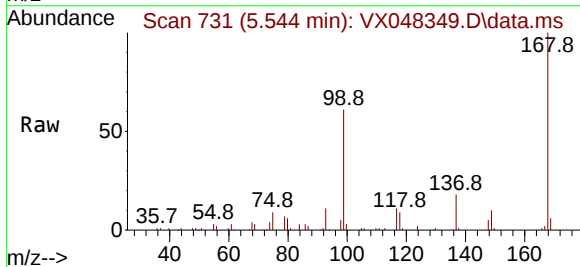
Instrument :
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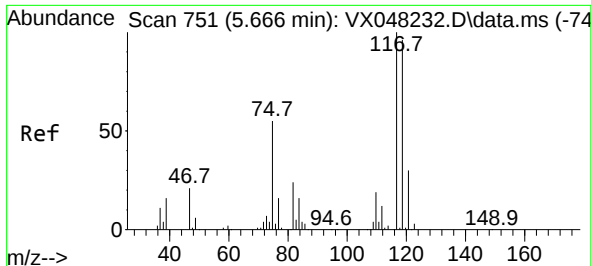
Tgt Ion:113 Resp: 79776
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 18.0 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.486 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

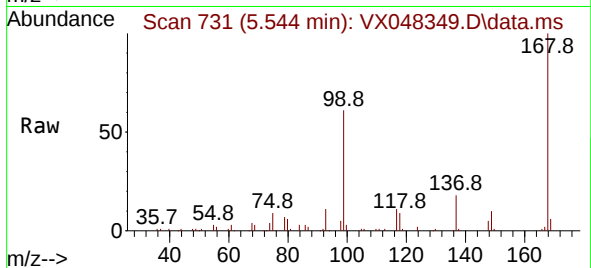
Tgt Ion: 75 Resp: 12726
Ion Ratio Lower Upper
75 100
110 7.8 17.7 53.1#
77 0.0 24.3 36.5#



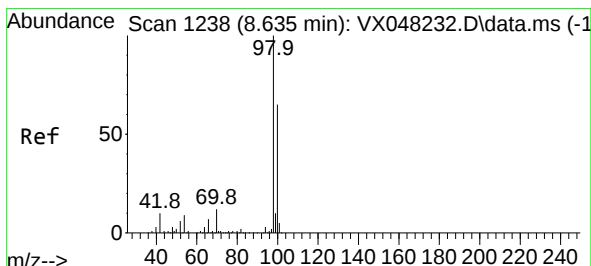
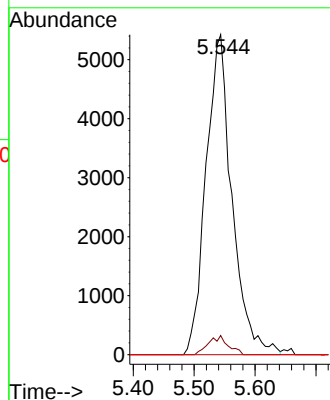
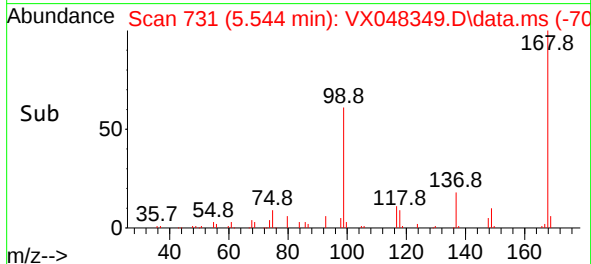


#38
Carbon Tetrachloride
Concen: 4.592 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
IBLK

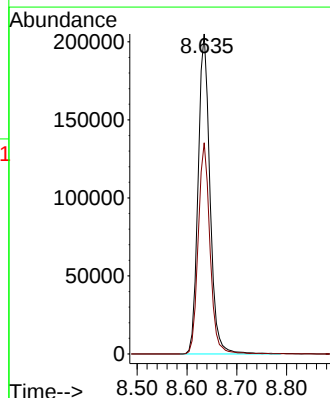
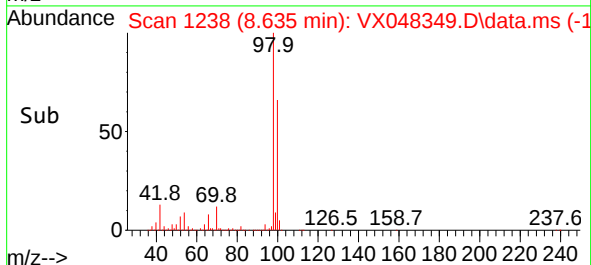
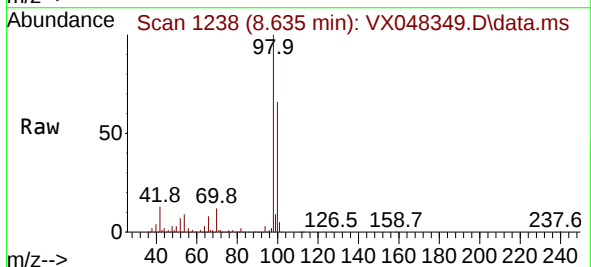


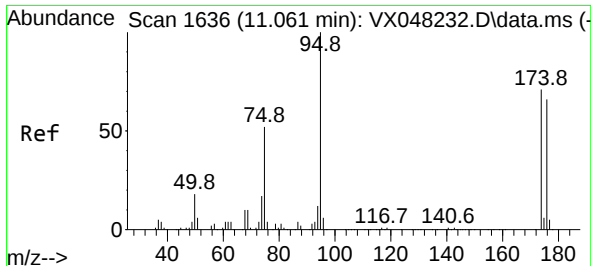
Tgt Ion:117 Resp: 16070
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.165 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

Tgt Ion: 98 Resp: 336954
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

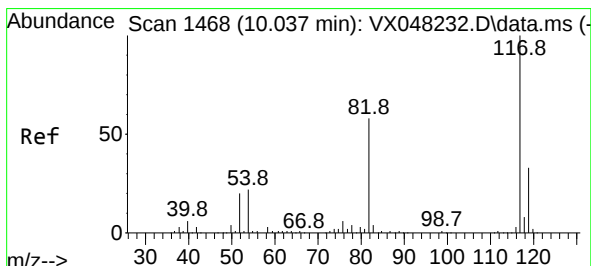
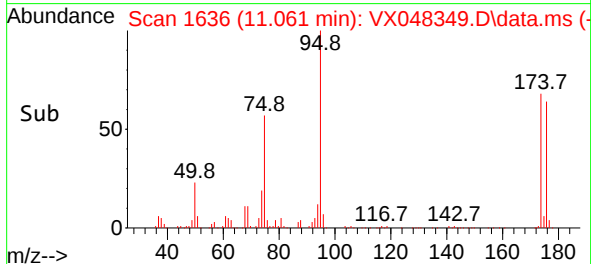
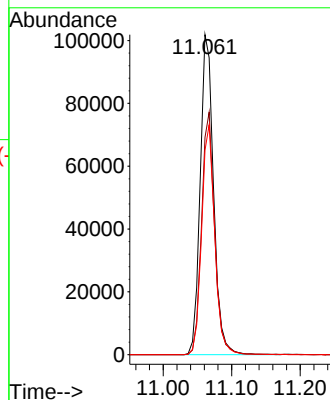
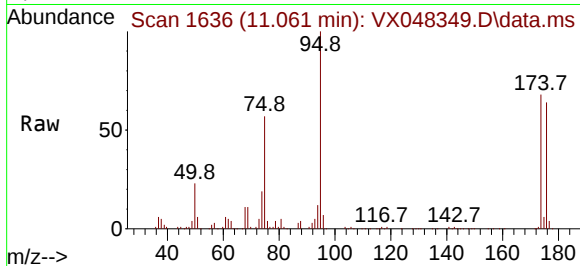




#62
4-Bromofluorobenzene
Concen: 52.014 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

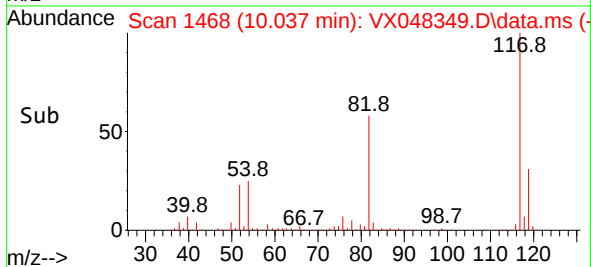
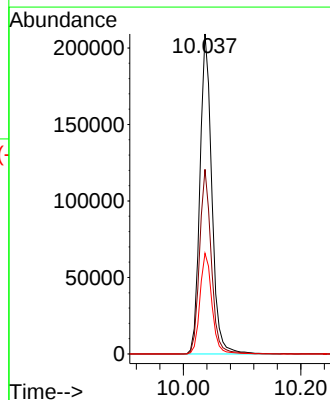
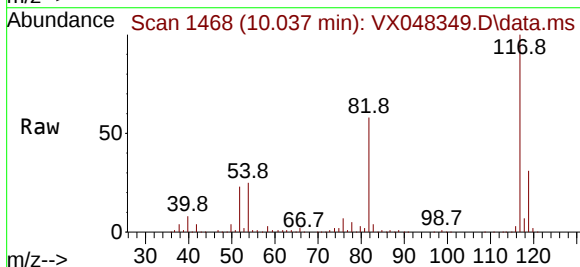
Instrument :
MSVOA_X
ClientSampleId :
IBLK

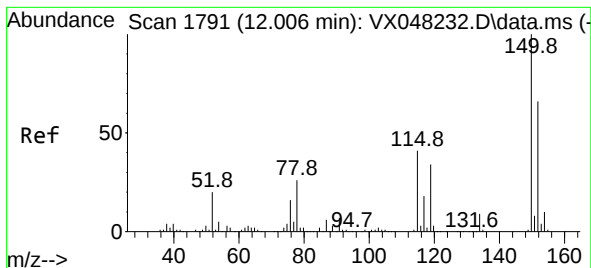
Tgt Ion: 95 Resp: 138430
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.8
176 70.4 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

Tgt Ion: 117 Resp: 292509
Ion Ratio Lower Upper
117 100
82 57.7 46.5 69.7
119 31.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048349.D

Acq: 24 Oct 2025 13:07

Instrument :

MSVOA_X

ClientSampleId :

IBLK

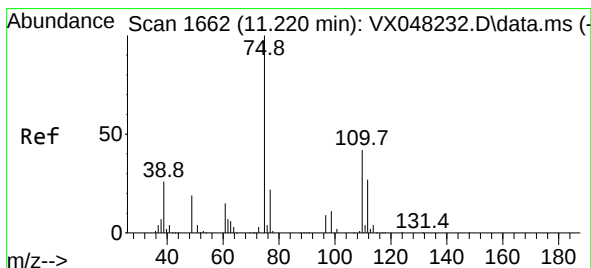
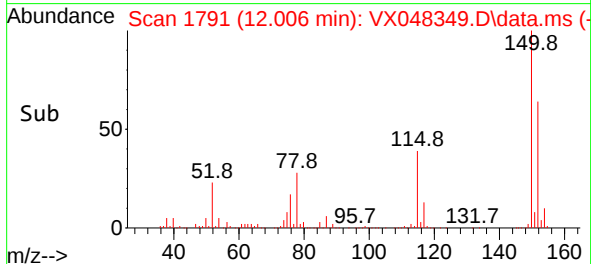
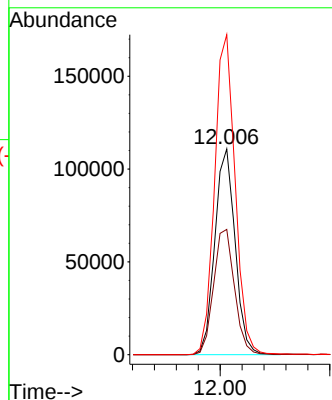
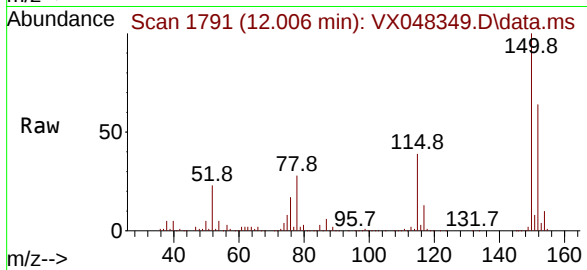
Tgt Ion:152 Resp: 142629

Ion Ratio Lower Upper

152 100

115 62.8 43.1 129.4

150 157.6 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 33.220 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX048349.D

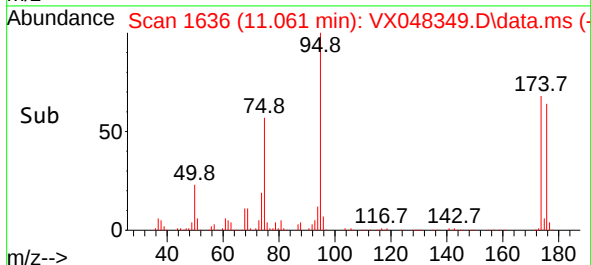
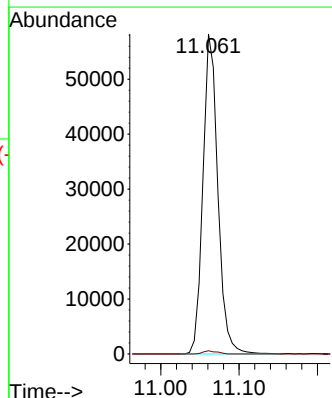
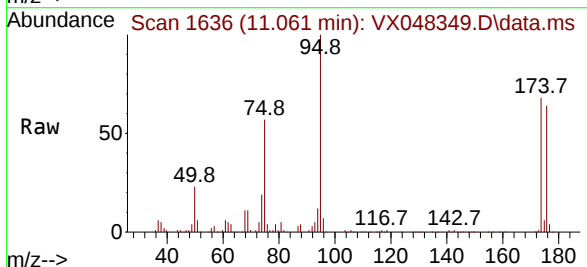
Acq: 24 Oct 2025 13:07

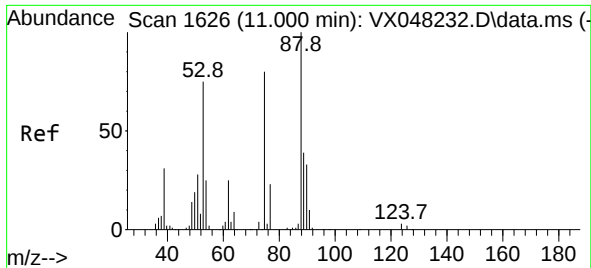
Tgt Ion: 75 Resp: 76837

Ion Ratio Lower Upper

75 100

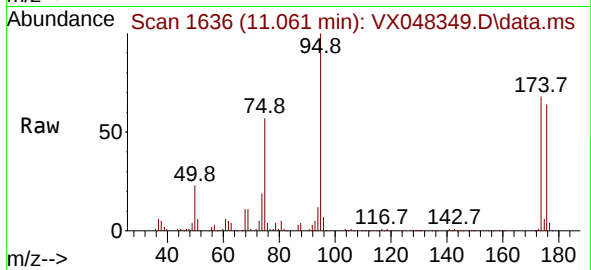
77 0.9 22.4 67.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.822 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048349.D
Acq: 24 Oct 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 75 Resp: 76837
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#

