

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072925\
 Data File : VX047173.D
 Acq On : 29 Jul 2025 11:37
 Operator : JC/MD
 Sample : VX0729WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBL01

Quant Time: Jul 30 01:13:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

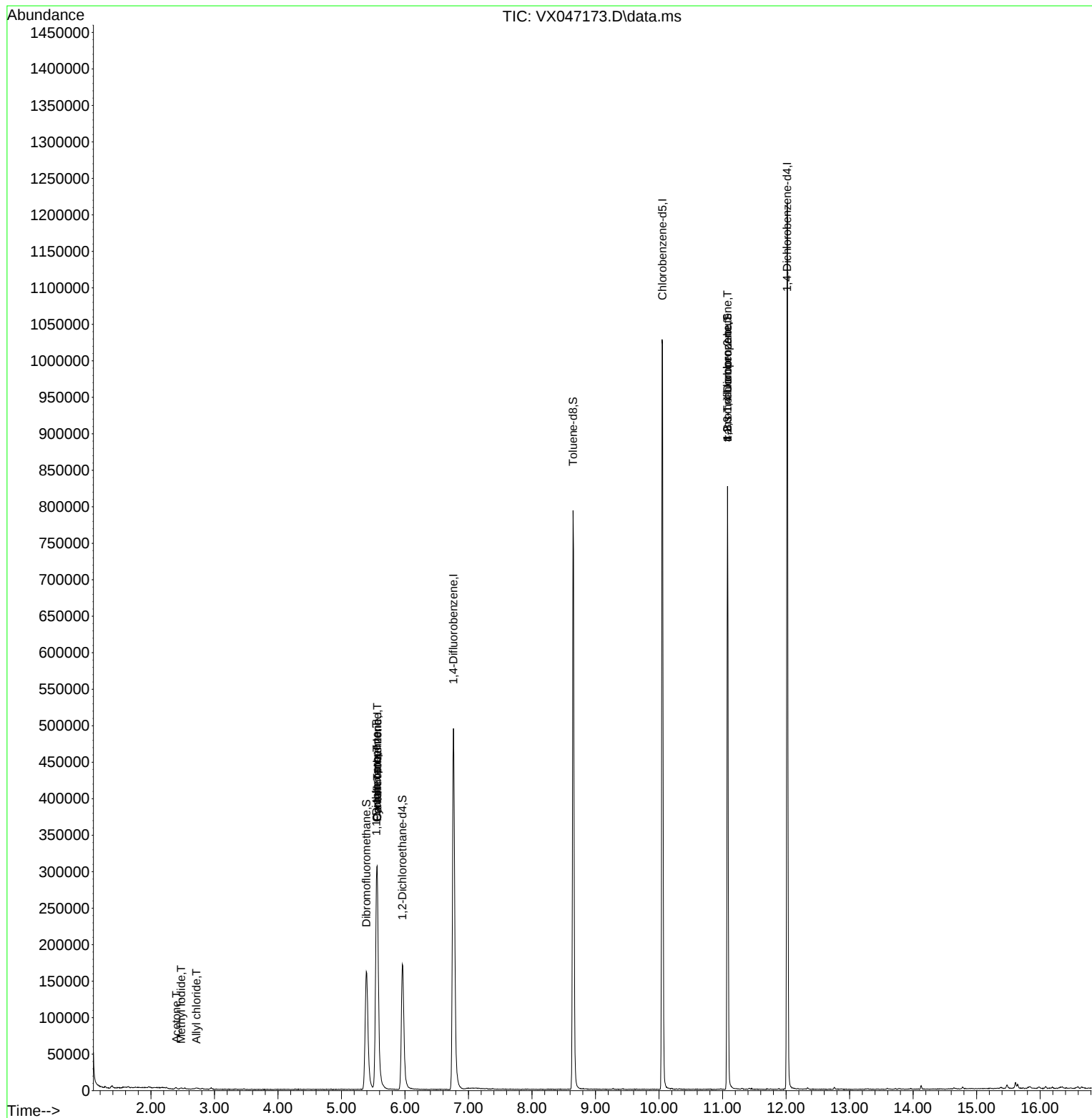
Internal Standards						
1) Pentafluorobenzene	5.562	168	306718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	528404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	477551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	243081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182220	47.692	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.380%
35) Dibromofluoromethane	5.391	113	158026	48.437	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.880%
50) Toluene-d8	8.647	98	478295	45.269	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.540%#
62) 4-Bromofluorobenzene	11.079	95	222197	48.800	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.600%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.477	142	2240	0.565	ug/l #	75
11) Tert butyl alcohol	2.953	59	20	Below Cal	#	72
14) Allyl chloride	2.715	41	2794	0.401	ug/l #	39
16) Acetone	2.398	43	2823	1.844	ug/l #	82
31) Cyclohexane	5.556	56	7323	1.025	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	26268	4.723	ug/l #	50
38) Carbon Tetrachloride	5.562	117	33839	5.701	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	117224	26.054	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	117224	67.125	ug/l #	8

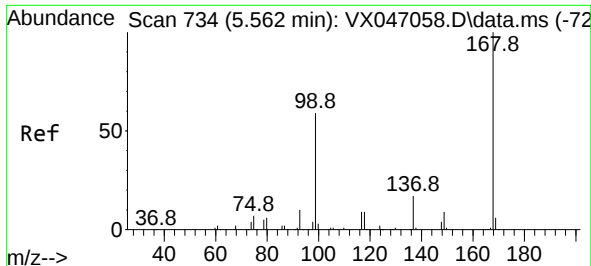
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072925\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

Quant Time: Jul 30 01:13:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

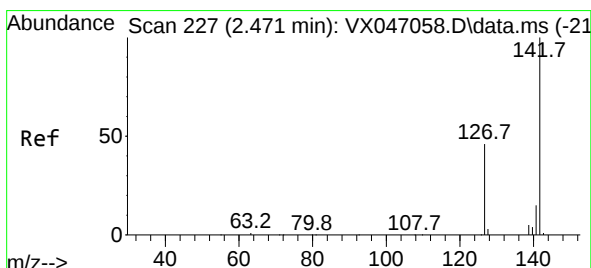
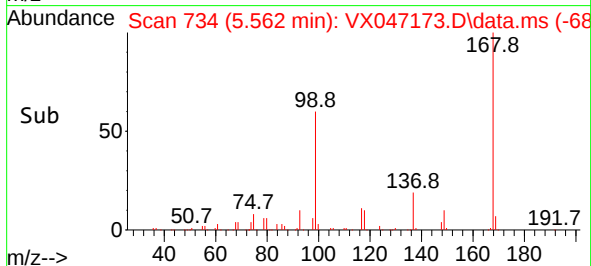
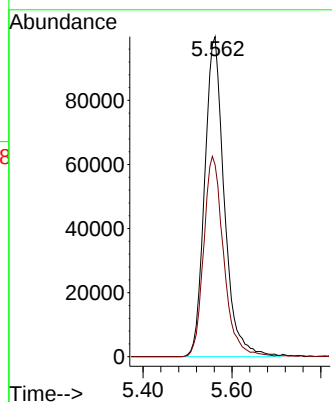
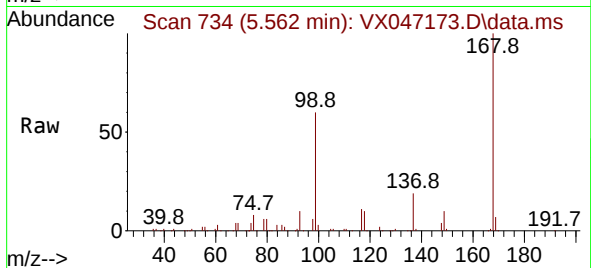




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

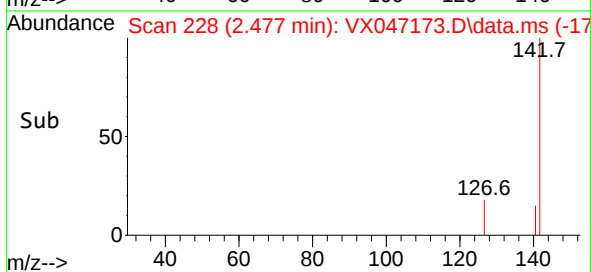
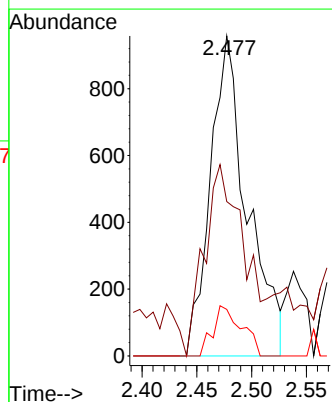
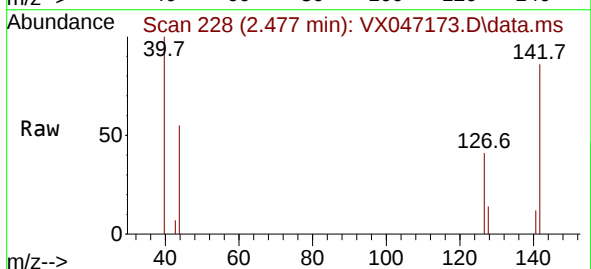
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

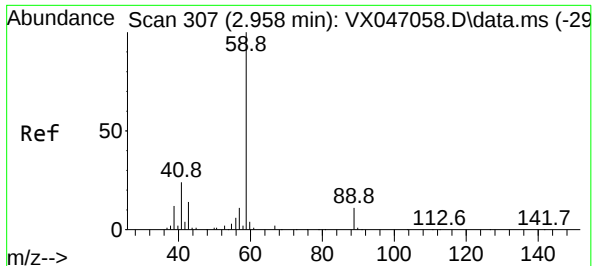
Tgt Ion:168 Resp: 306718
Ion Ratio Lower Upper
168 100
99 60.0 48.0 72.0



#10
Methyl Iodide
Concen: 0.565 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.007 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

Tgt Ion:142 Resp: 2240
Ion Ratio Lower Upper
142 100
127 65.9 36.6 54.8#
141 12.1 10.9 16.3

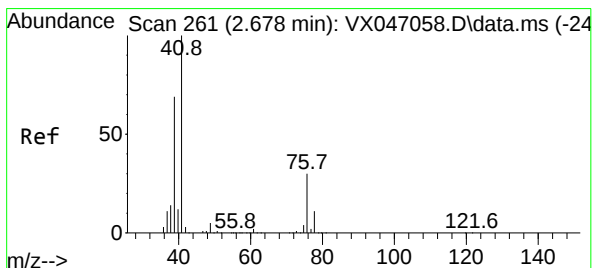
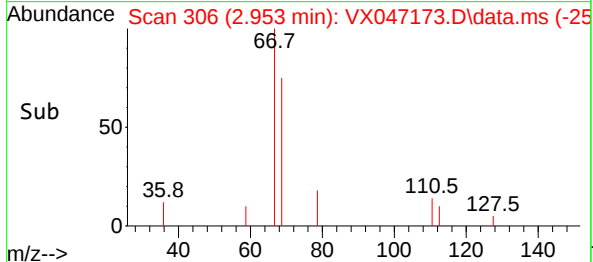
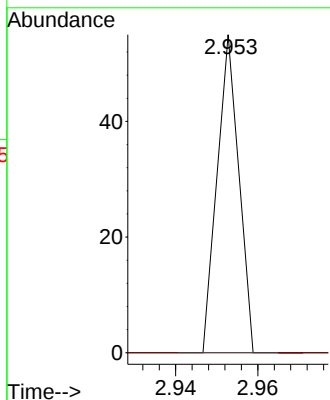
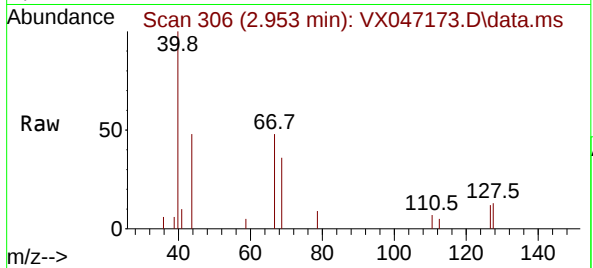




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

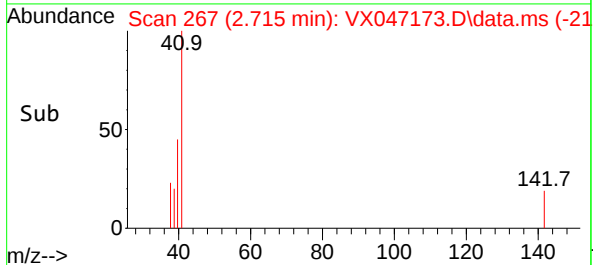
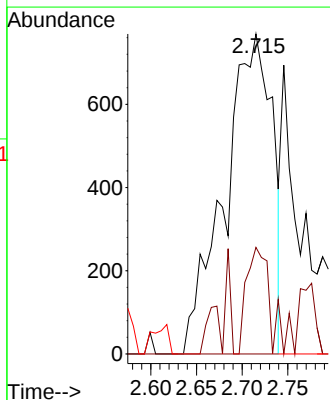
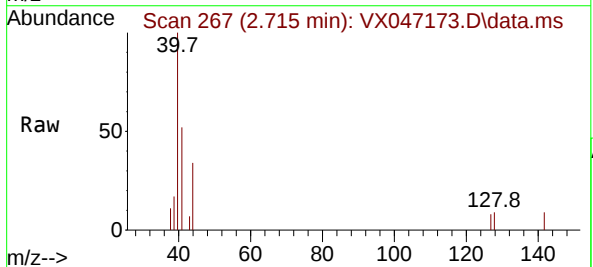
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#14
Allyl chloride
Concen: 0.401 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.037 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

Tgt Ion: 41 Resp: 2794
Ion Ratio Lower Upper
41 100
39 16.0 52.6 78.8#
76 0.0 25.7 38.5#

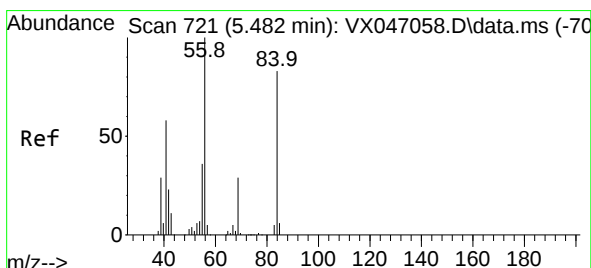
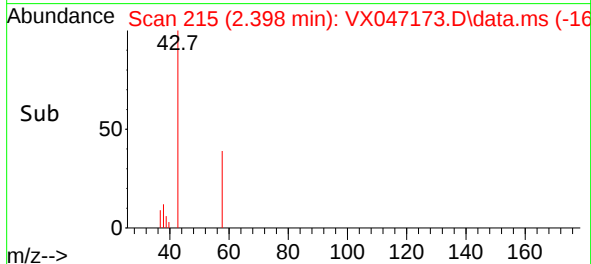
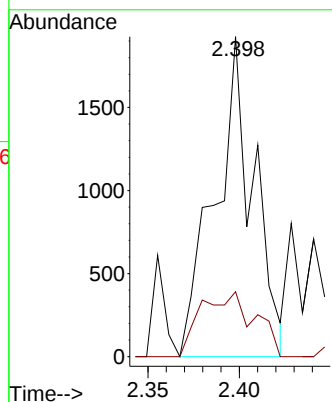
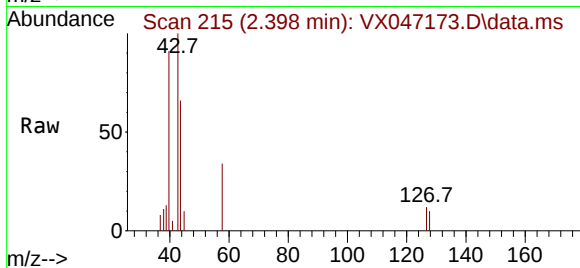




#16
Acetone
Concen: 1.844 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

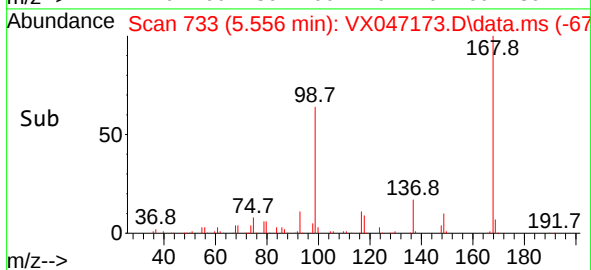
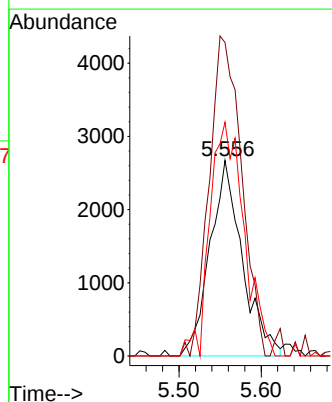
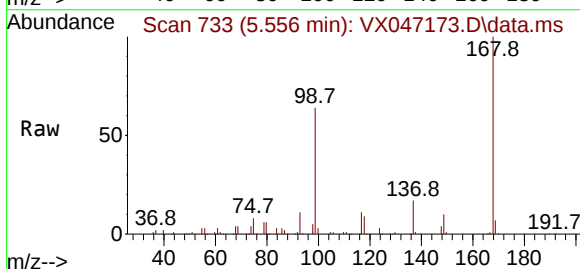
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

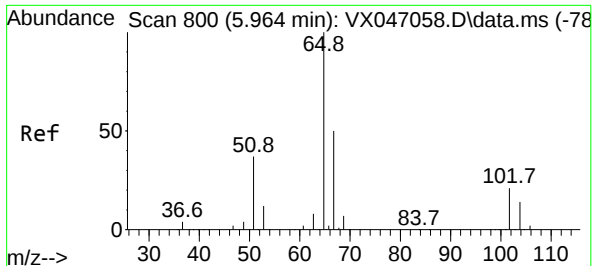
Tgt Ion: 43 Resp: 2823
Ion Ratio Lower Upper
43 100
58 20.3 24.0 36.0#



#31
Cyclohexane
Concen: 1.025 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.074 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

Tgt Ion: 56 Resp: 7323
Ion Ratio Lower Upper
56 100
69 156.9 23.3 34.9#
84 117.0 66.5 99.7#





#33

1,2-Dichloroethane-d4

Concen: 47.692 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047173.D

Acq: 29 Jul 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

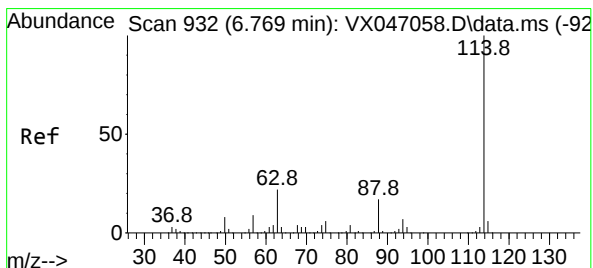
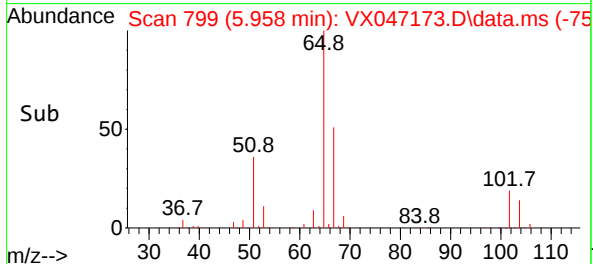
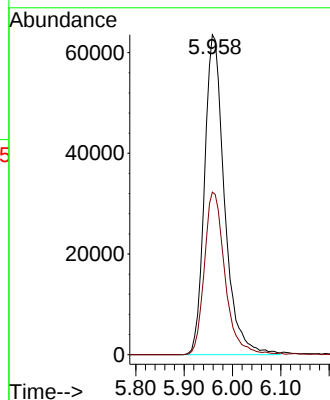
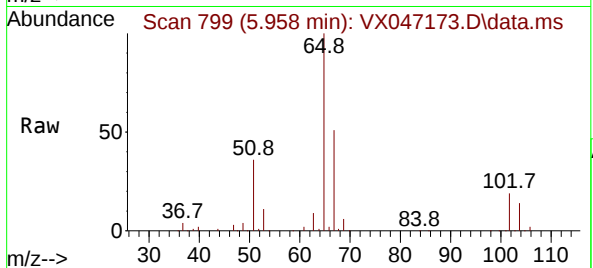
VX0729WBL01

Tgt Ion: 65 Resp: 182220

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047173.D

Acq: 29 Jul 2025 11:37

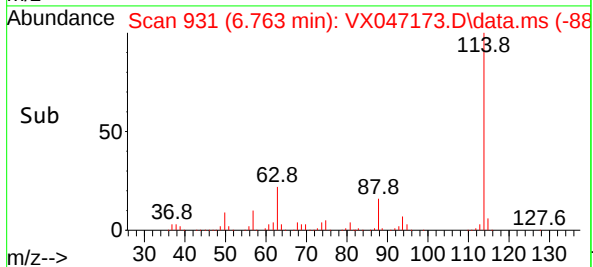
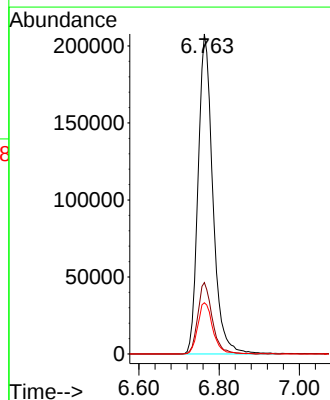
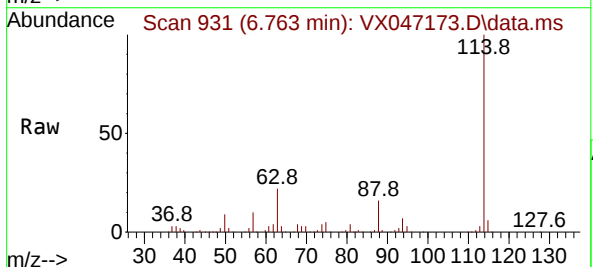
Tgt Ion: 114 Resp: 528404

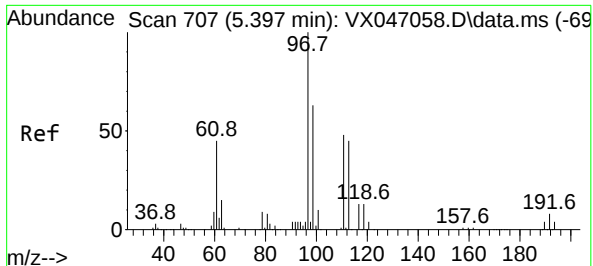
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

88 16.0 0.0 33.8

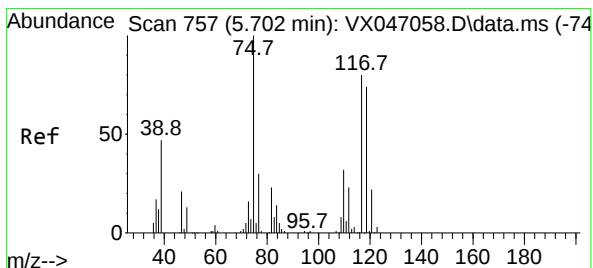
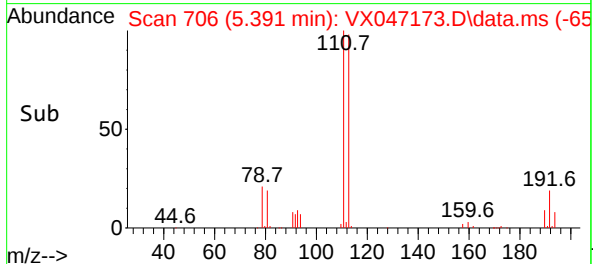
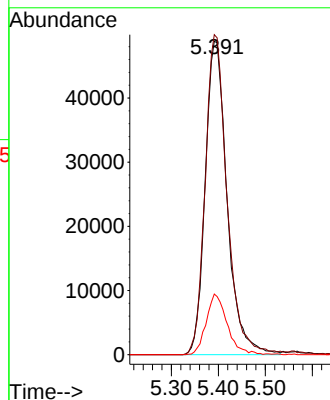
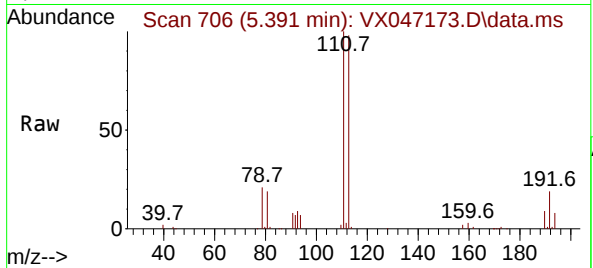




#35
Dibromofluoromethane
Concen: 48.437 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

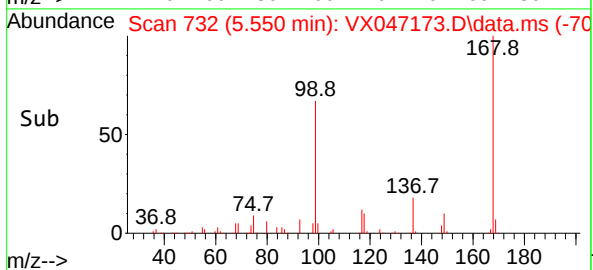
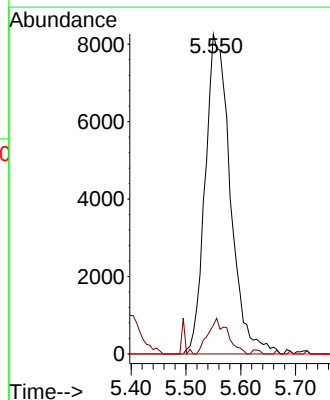
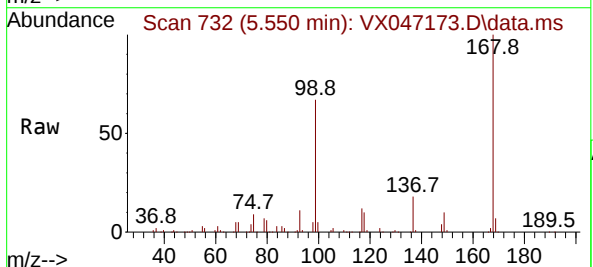
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

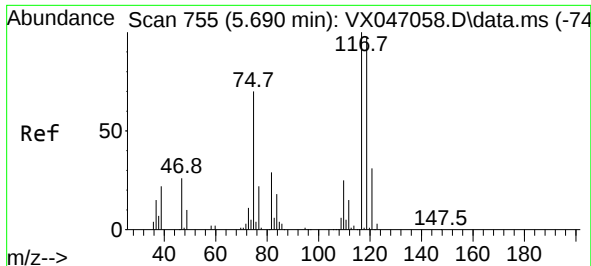
Tgt Ion:113 Resp: 158026
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 18.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

Tgt Ion: 75 Resp: 26268
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.5#
77 0.0 25.1 37.7#

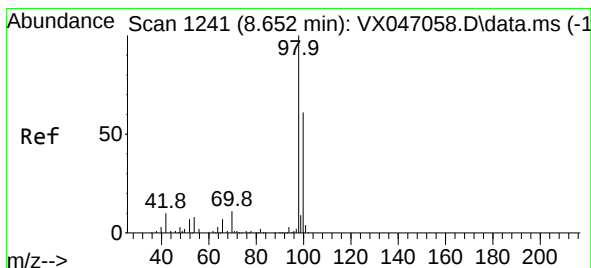
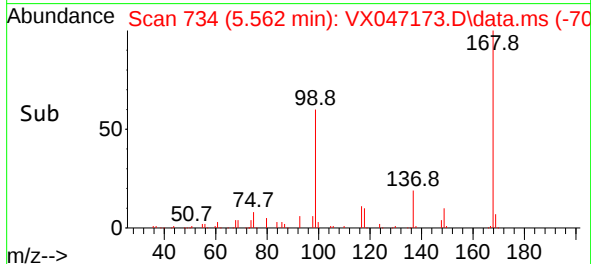
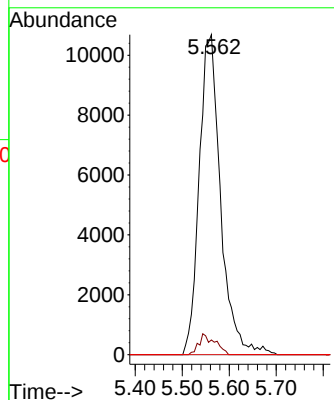
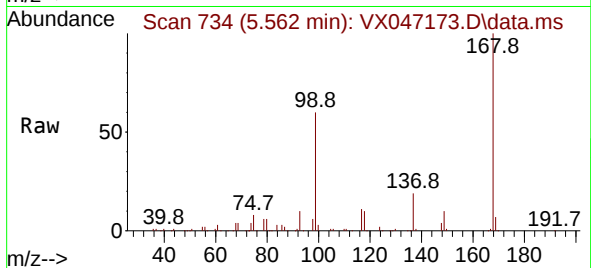




#38
Carbon Tetrachloride
Concen: 5.701 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

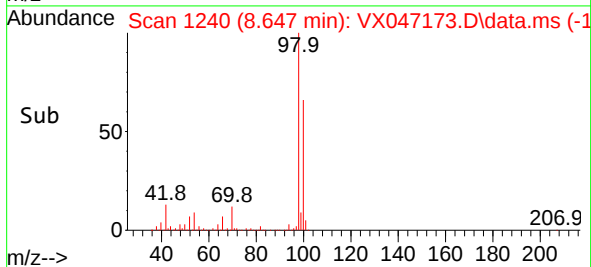
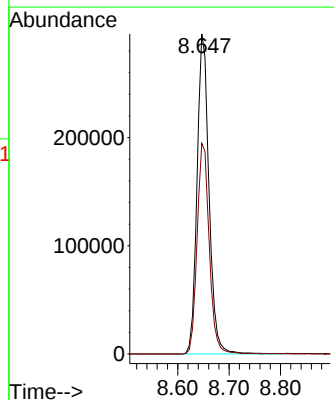
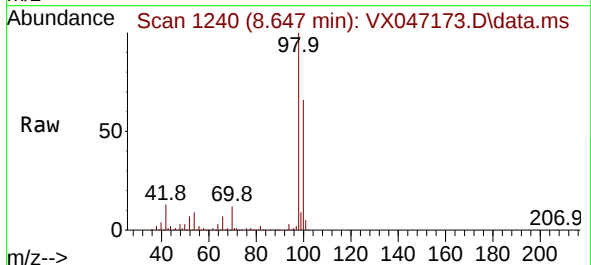
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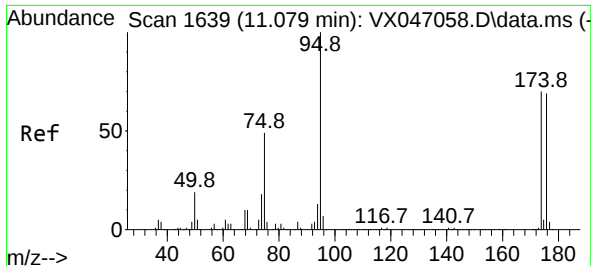
Tgt Ion:117 Resp: 33839
Ion Ratio Lower Upper
117 100
119 4.6 76.6 115.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.269 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

Tgt Ion: 98 Resp: 478295
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9

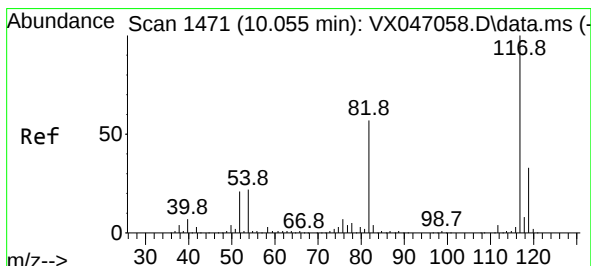
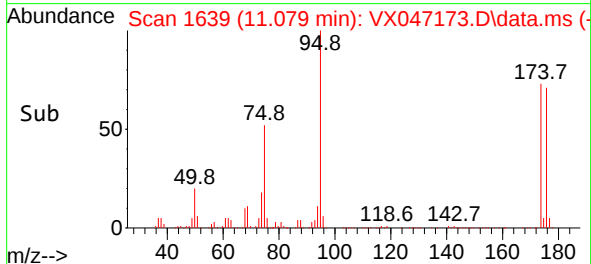
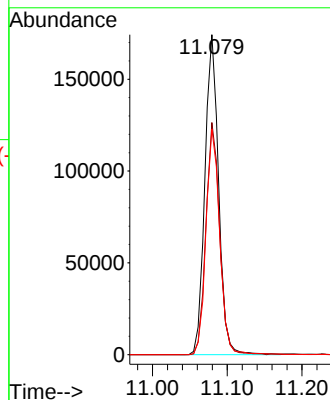
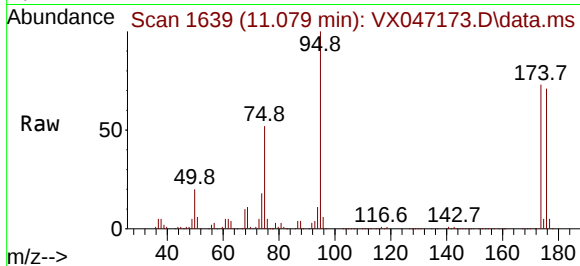




#62
4-Bromofluorobenzene
Concen: 48.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

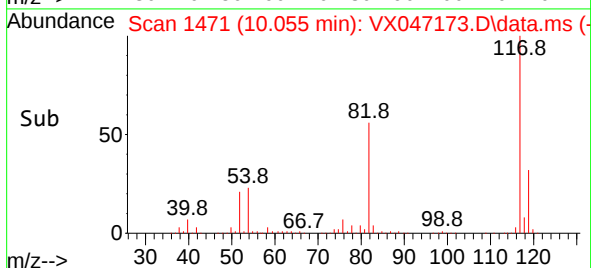
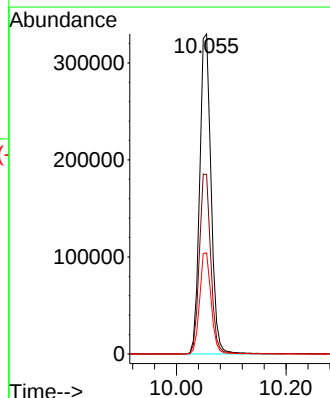
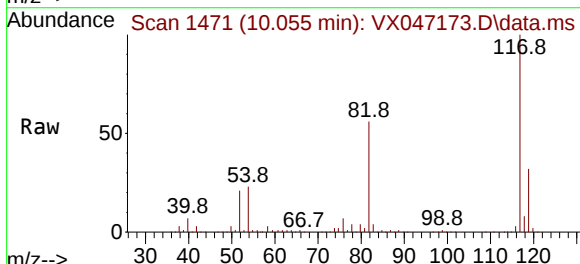
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBL01

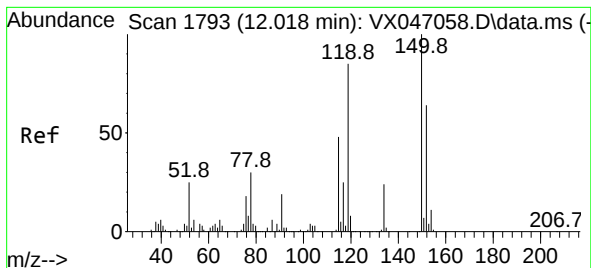
Tgt Ion: 95 Resp: 222197
Ion Ratio Lower Upper
95 100
174 72.5 0.0 144.6
176 70.9 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047173.D
Acq: 29 Jul 2025 11:37

Tgt Ion: 117 Resp: 477551
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 31.6 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047173.D

Acq: 29 Jul 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBL01

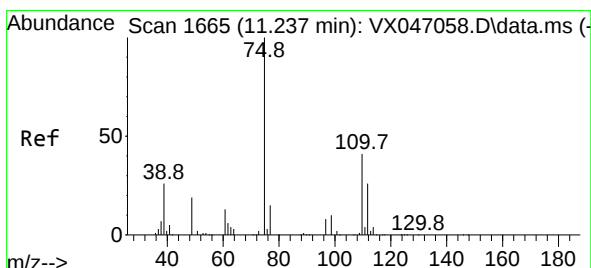
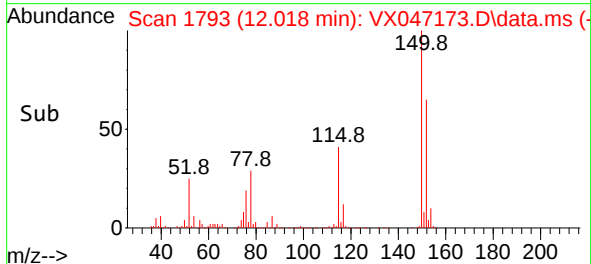
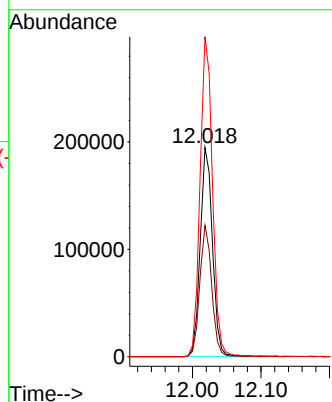
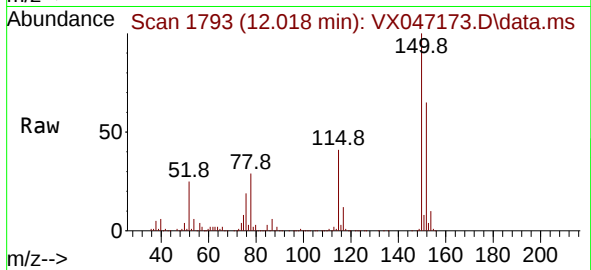
Tgt Ion:152 Resp: 243081

Ion Ratio Lower Upper

152 100

115 61.1 45.6 136.7

150 154.7 0.0 354.6



#76

1,2,3-Trichloropropane

Concen: 26.054 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047173.D

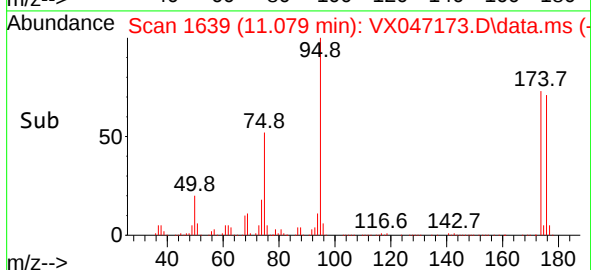
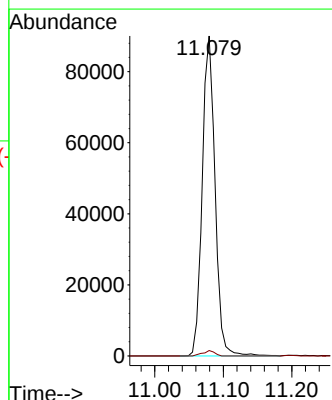
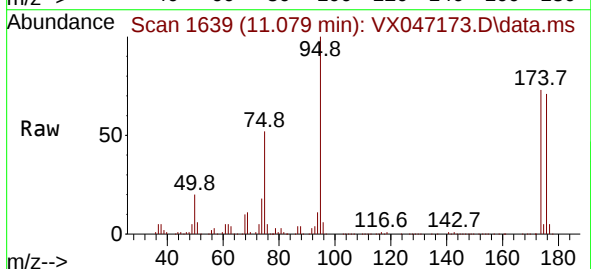
Acq: 29 Jul 2025 11:37

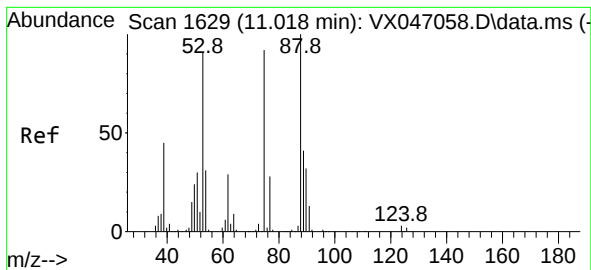
Tgt Ion: 75 Resp: 117224

Ion Ratio Lower Upper

75 100

77 1.6 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.125 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047173.D
 Acq: 29 Jul 2025 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBL01

Tgt Ion: 75 Resp: 117224
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.2 126.4#
 89 0.0 36.0 54.0#

