

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047137.D
 Acq On : 25 Jul 2025 13:04
 Operator : JC/MD
 Sample : Q2693-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 26 00:28:51 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	5.568	168	462869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	849197	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	815883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	417184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	317480	55.062	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.120%
35) Dibromofluoromethane	5.397	113	261141	49.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.620%
50) Toluene-d8	8.653	98	938167	55.251	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.500%
62) 4-Bromofluorobenzene	11.079	95	393455	53.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.540%

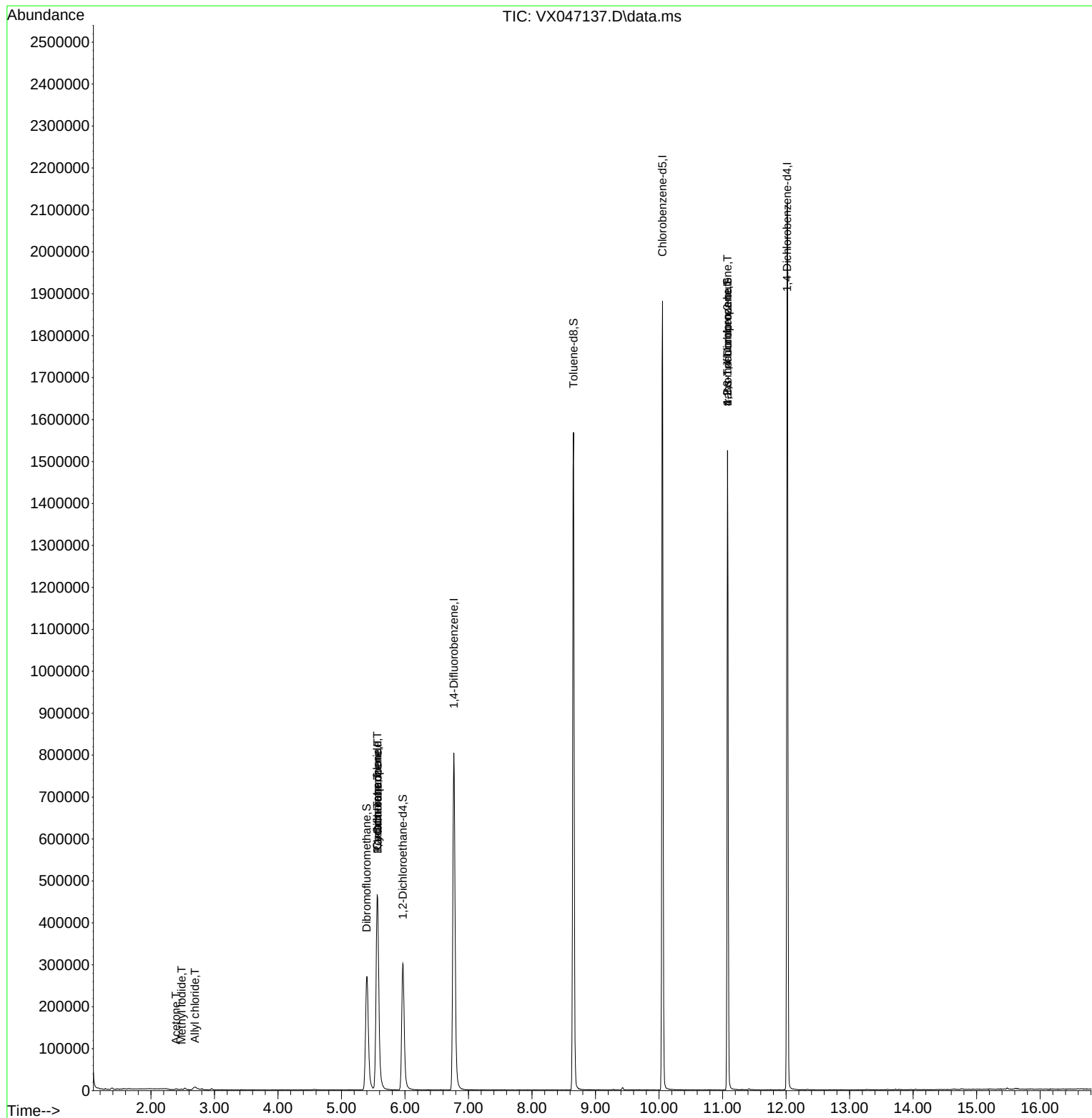
Target Compounds					Qvalue	
10) Methyl Iodide	2.483	142	2432	0.406	ug/l #	96
11) Tert butyl alcohol	2.959	59	255	Below Cal	#	72
14) Allyl chloride	2.690	41	17075	1.624	ug/l #	43
16) Acetone	2.392	43	3438	1.488	ug/l #	79
31) Cyclohexane	5.562	56	10876	1.009	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	39385	4.407	ug/l #	50
38) Carbon Tetrachloride	5.562	117	49737	5.214	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	208844	27.046	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	208844	69.681	ug/l #	8

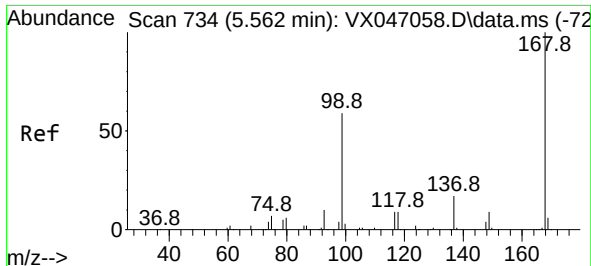
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
Data File : VX047137.D
Acq On : 25 Jul 2025 13:04
Operator : JC/MD
Sample : Q2693-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 26 00:28:51 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

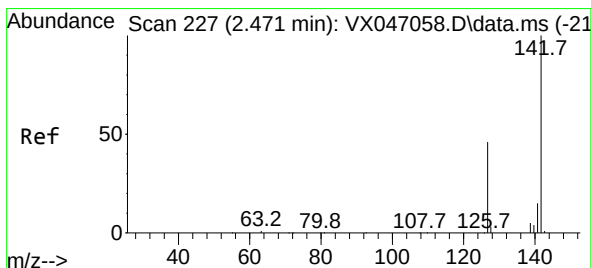
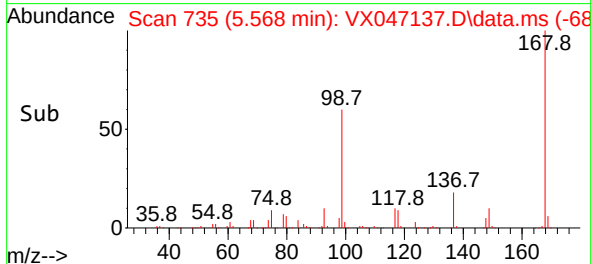
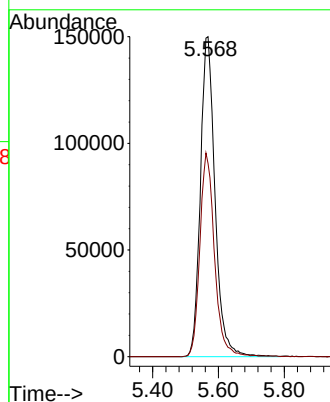
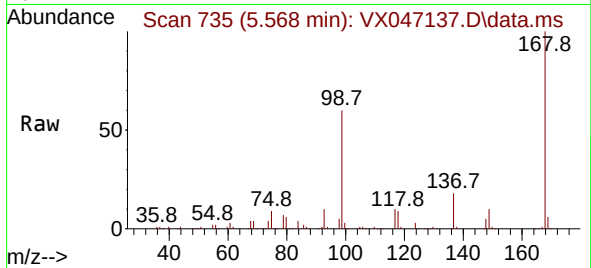




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

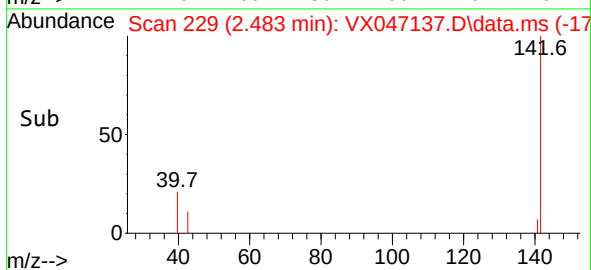
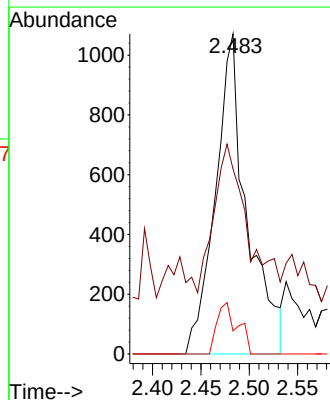
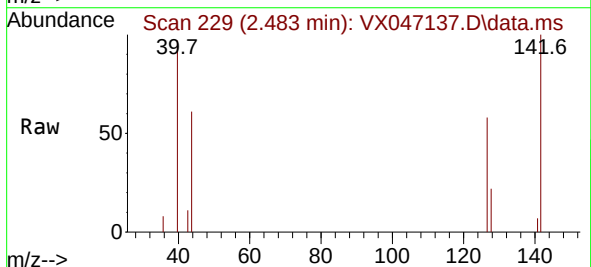
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

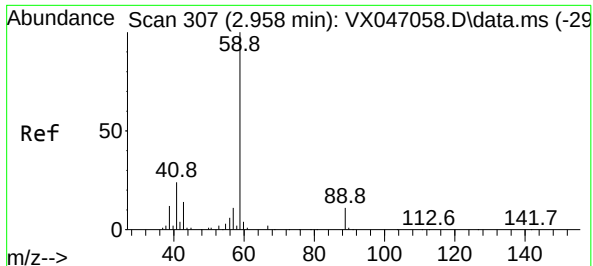
Tgt Ion:168 Resp: 462869
Ion Ratio Lower Upper
168 100
99 60.4 48.0 72.0



#10
Methyl Iodide
Concen: 0.406 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

Tgt Ion:142 Resp: 2432
Ion Ratio Lower Upper
142 100
127 47.2 36.6 54.8
141 10.4 10.9 16.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. 0.001 min

Lab File: VX047137.D

Acq: 25 Jul 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

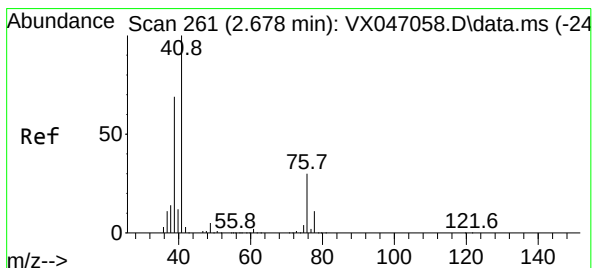
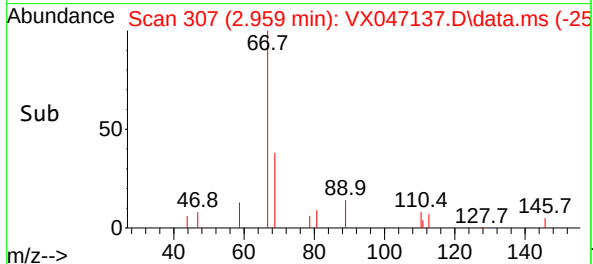
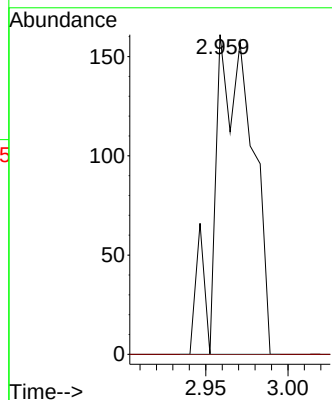
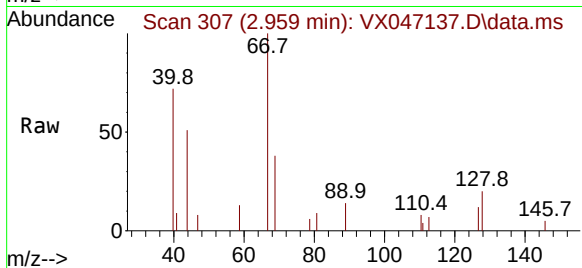
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 59 Resp: 255

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#14

Allyl chloride

Concen: 1.624 ug/l

RT: 2.690 min Scan# 263

Delta R.T. 0.012 min

Lab File: VX047137.D

Acq: 25 Jul 2025 13:04

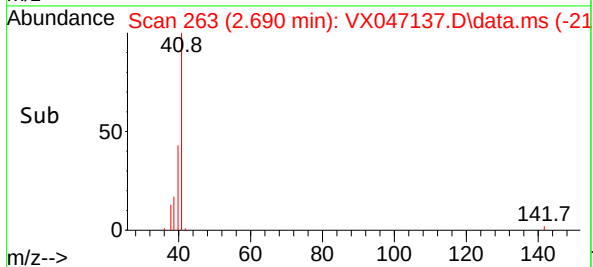
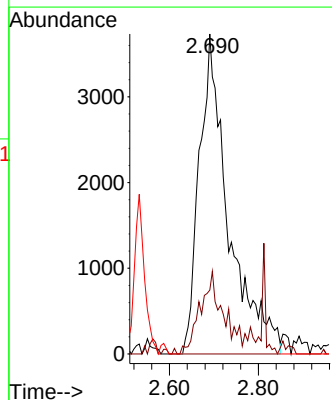
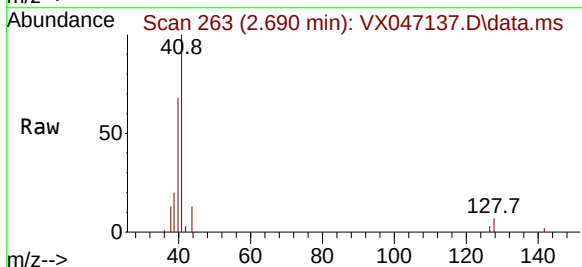
Tgt Ion: 41 Resp: 17075

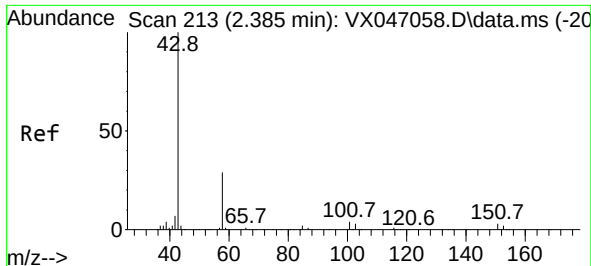
Ion Ratio Lower Upper

41 100

39 20.2 52.6 78.8#

76 0.0 25.7 38.5#

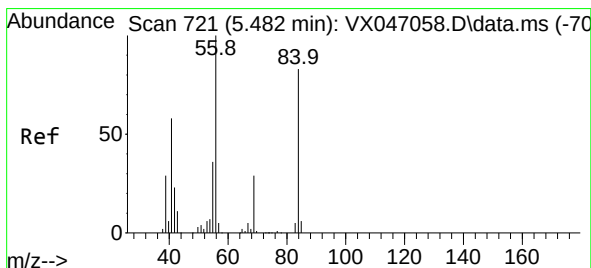
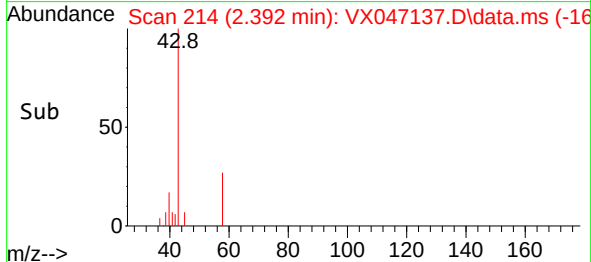
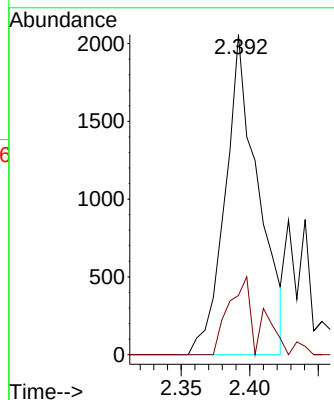
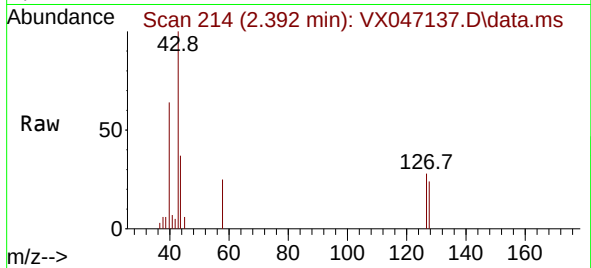




#16
Acetone
Concen: 1.488 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

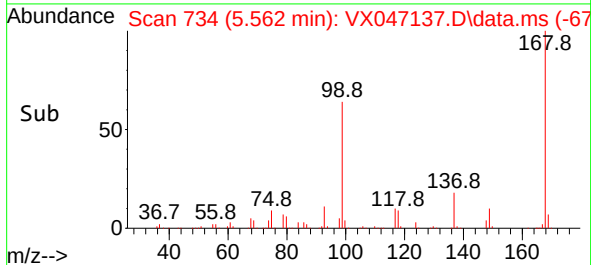
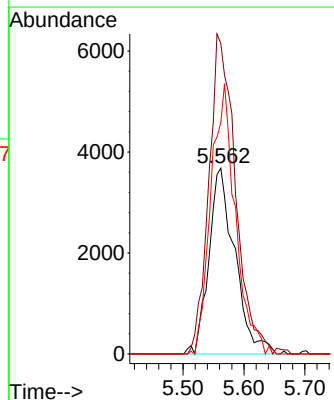
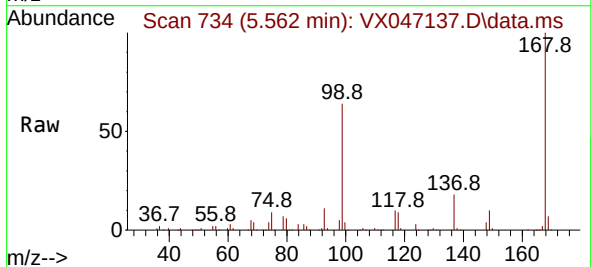
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

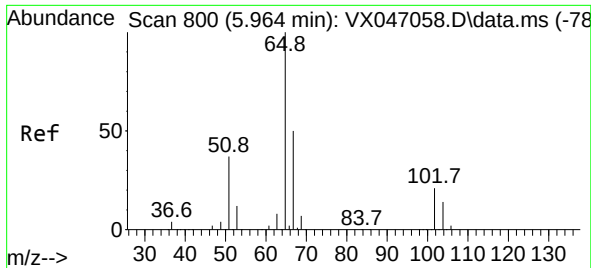
Tgt Ion: 43 Resp: 3438
Ion Ratio Lower Upper
43 100
58 18.5 24.0 36.0#



#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.080 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

Tgt Ion: 56 Resp: 10876
Ion Ratio Lower Upper
56 100
69 169.8 23.3 34.9#
84 124.5 66.5 99.7#

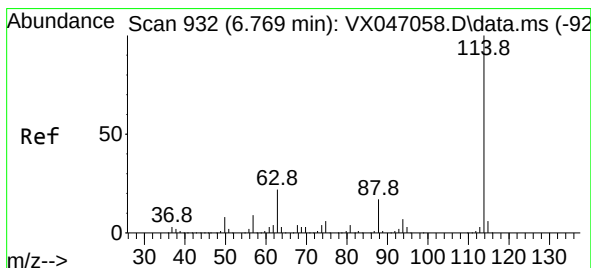
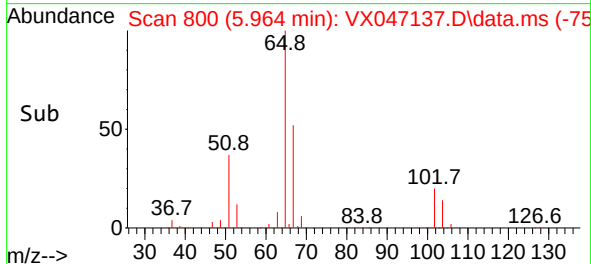
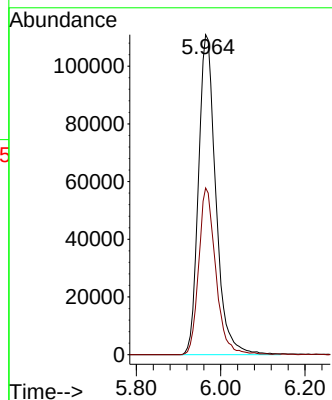
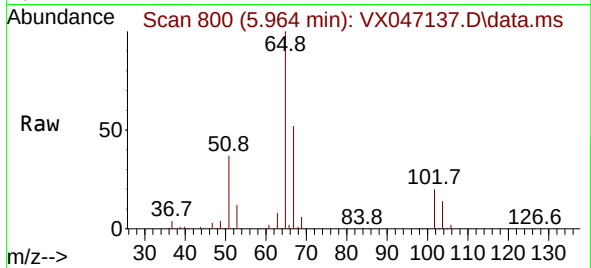




#33
1,2-Dichloroethane-d4
Concen: 55.062 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

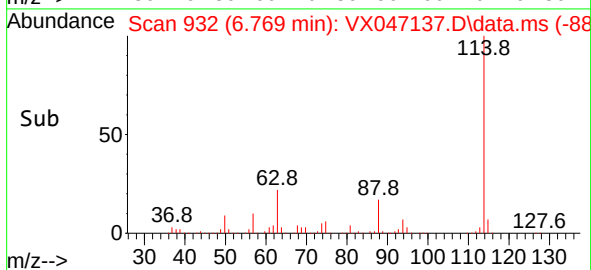
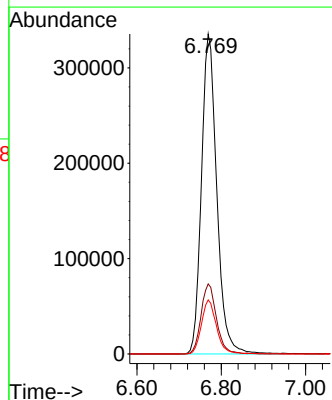
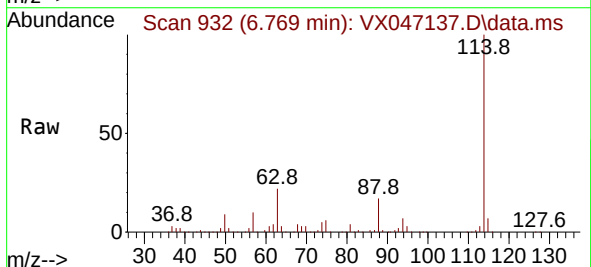
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

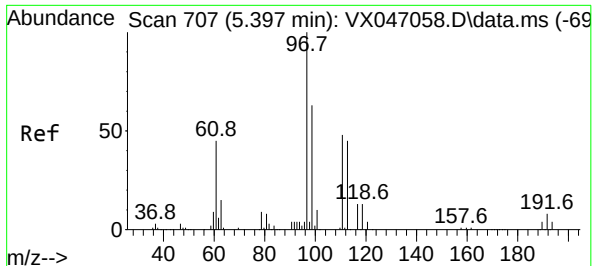
Tgt Ion: 65 Resp: 317480
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

Tgt Ion: 114 Resp: 849197
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 16.9 0.0 33.8

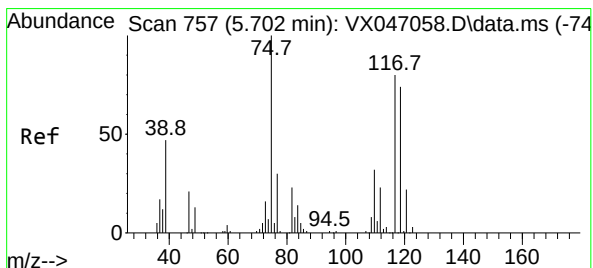
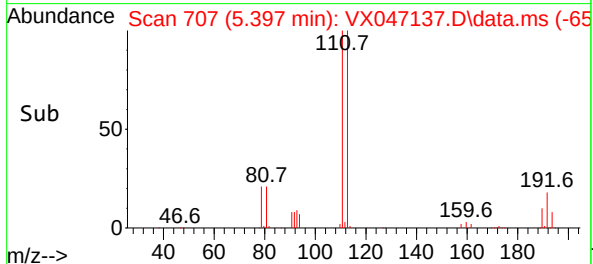
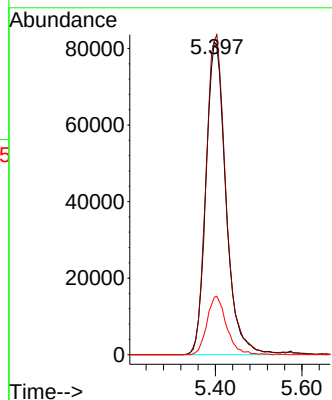
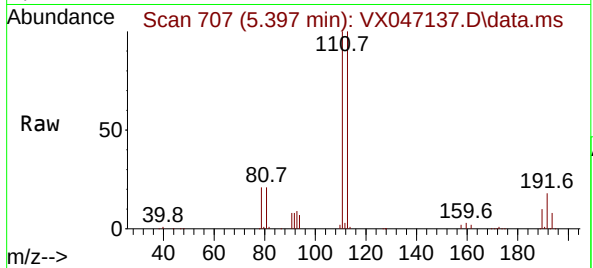




#35
Dibromofluoromethane
Concen: 49.805 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

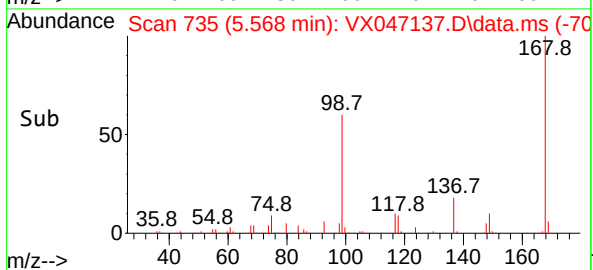
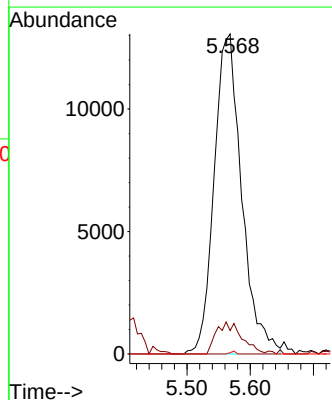
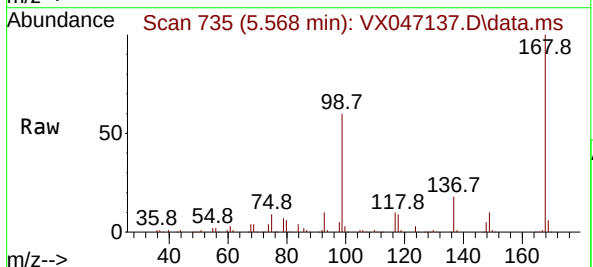
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

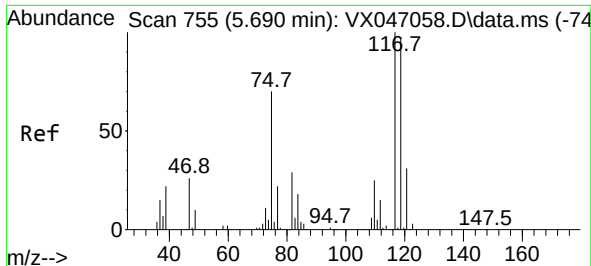
Tgt Ion:113 Resp: 261141
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.2 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.407 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

Tgt Ion: 75 Resp: 39385
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.5#
77 0.2 25.1 37.7#

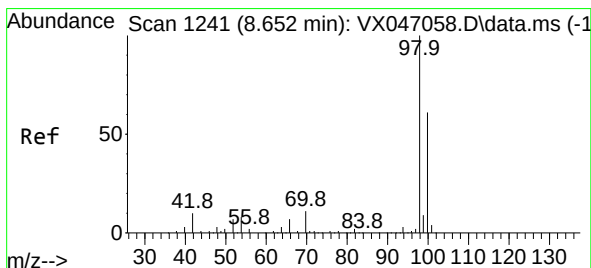
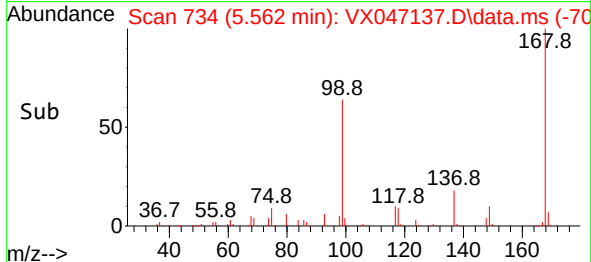
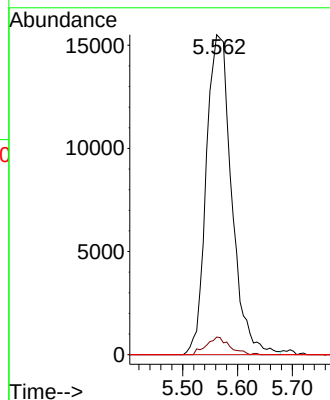
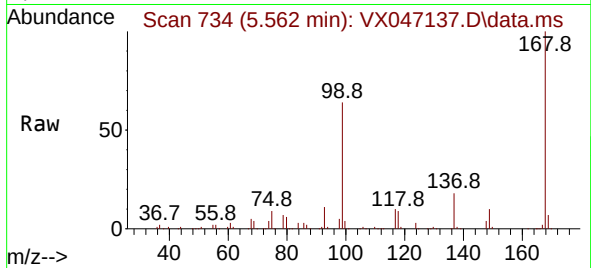




#38
Carbon Tetrachloride
Concen: 5.214 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

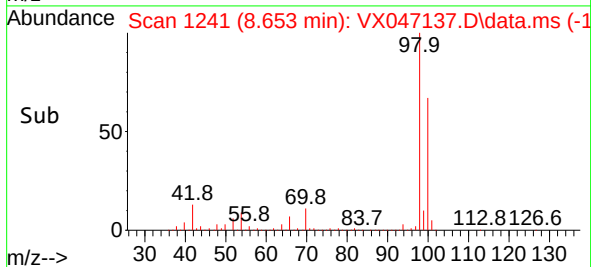
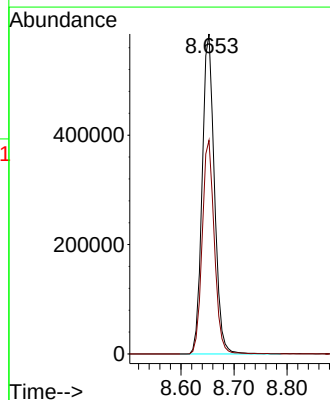
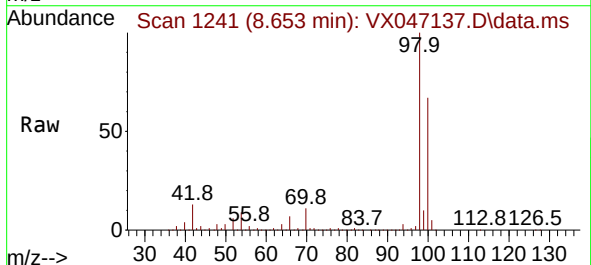
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

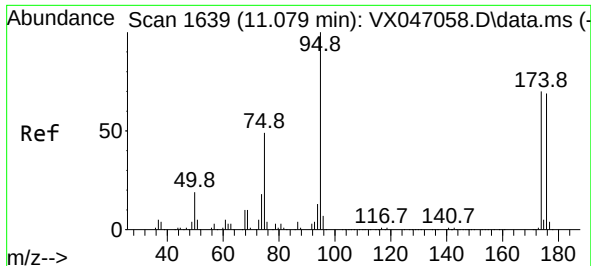
Tgt Ion:117 Resp: 49737
Ion Ratio Lower Upper
117 100
119 5.5 76.6 115.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 55.251 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

Tgt Ion: 98 Resp: 938167
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9

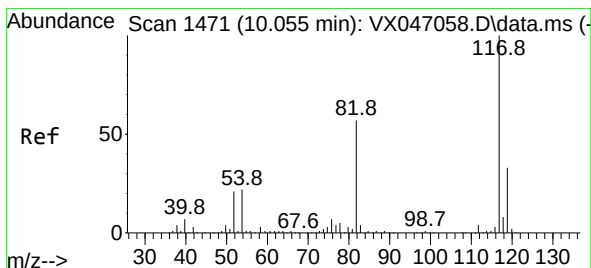
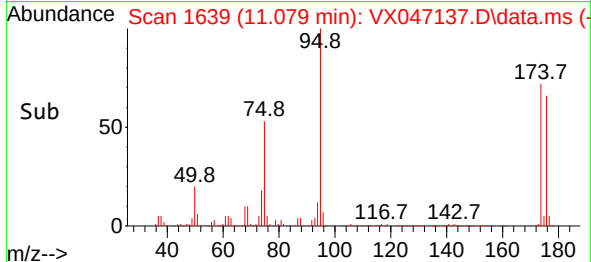
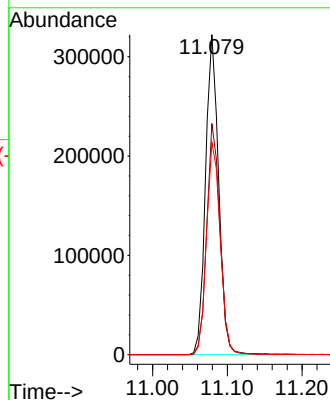
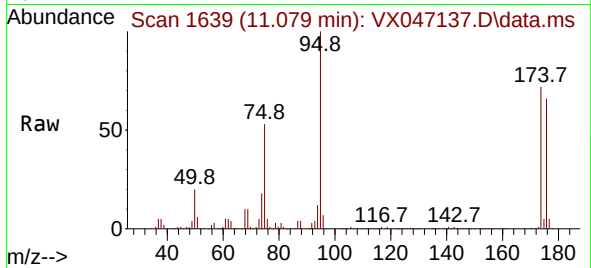




#62
4-Bromofluorobenzene
Concen: 53.769 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

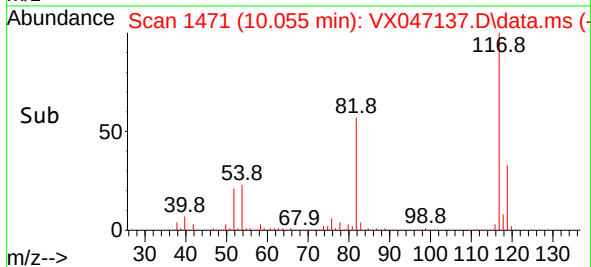
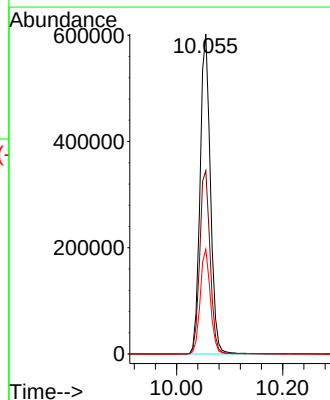
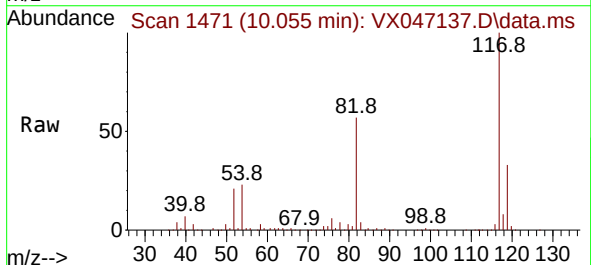
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

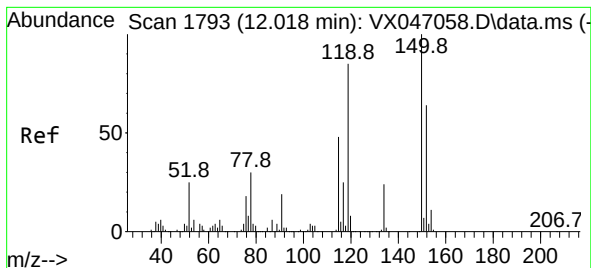
Tgt Ion: 95 Resp: 393455
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.6
176 69.4 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047137.D
Acq: 25 Jul 2025 13:04

Tgt Ion: 117 Resp: 815883
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 32.7 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047137.D

Acq: 25 Jul 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

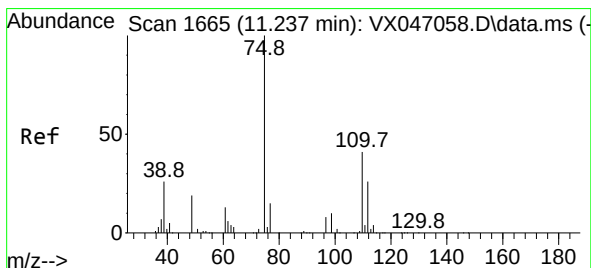
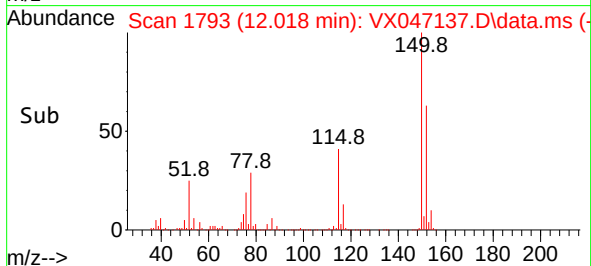
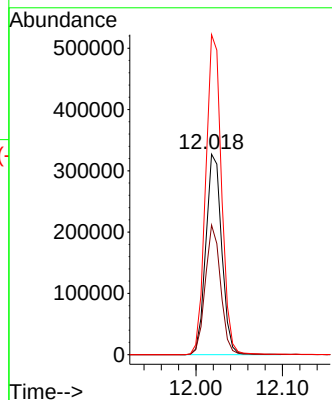
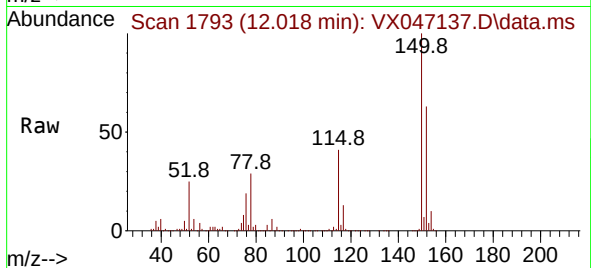
Tgt Ion:152 Resp: 417184

Ion Ratio Lower Upper

152 100

115 62.3 45.6 136.7

150 158.5 0.0 354.6



#76

1,2,3-Trichloropropane

Concen: 27.046 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047137.D

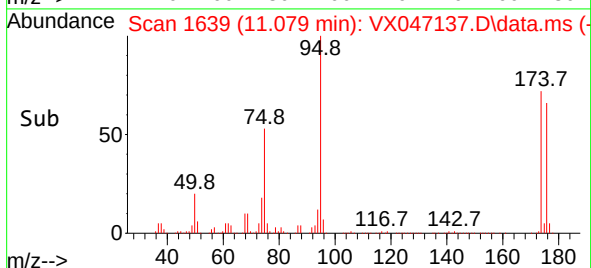
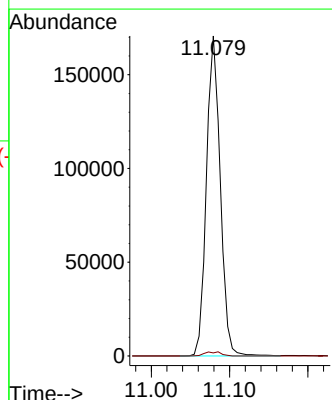
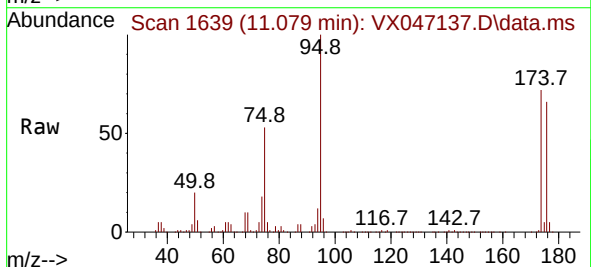
Acq: 25 Jul 2025 13:04

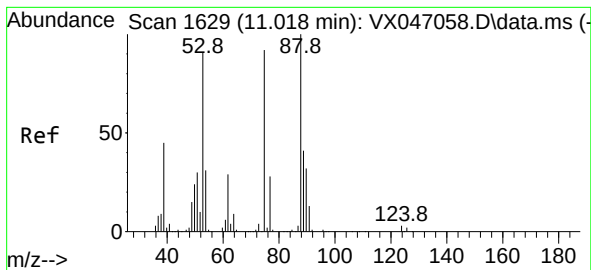
Tgt Ion: 75 Resp: 208844

Ion Ratio Lower Upper

75 100

77 1.5 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.681 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047137.D
 Acq: 25 Jul 2025 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 208844
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.2 126.4#
 89 0.0 36.0 54.0#

