

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047154.D
 Acq On : 28 Jul 2025 10:19
 Operator : JC/MD
 Sample : VX0728WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBL01

Quant Time: Jul 29 02:12:18 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	333922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	570654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	517999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	262134	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	205584	49.424	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.840%
35) Dibromofluoromethane	5.397	113	178508	50.664	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.320%
50) Toluene-d8	8.653	98	545911	47.843	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.680%
62) 4-Bromofluorobenzene	11.079	95	257039	52.273	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.540%

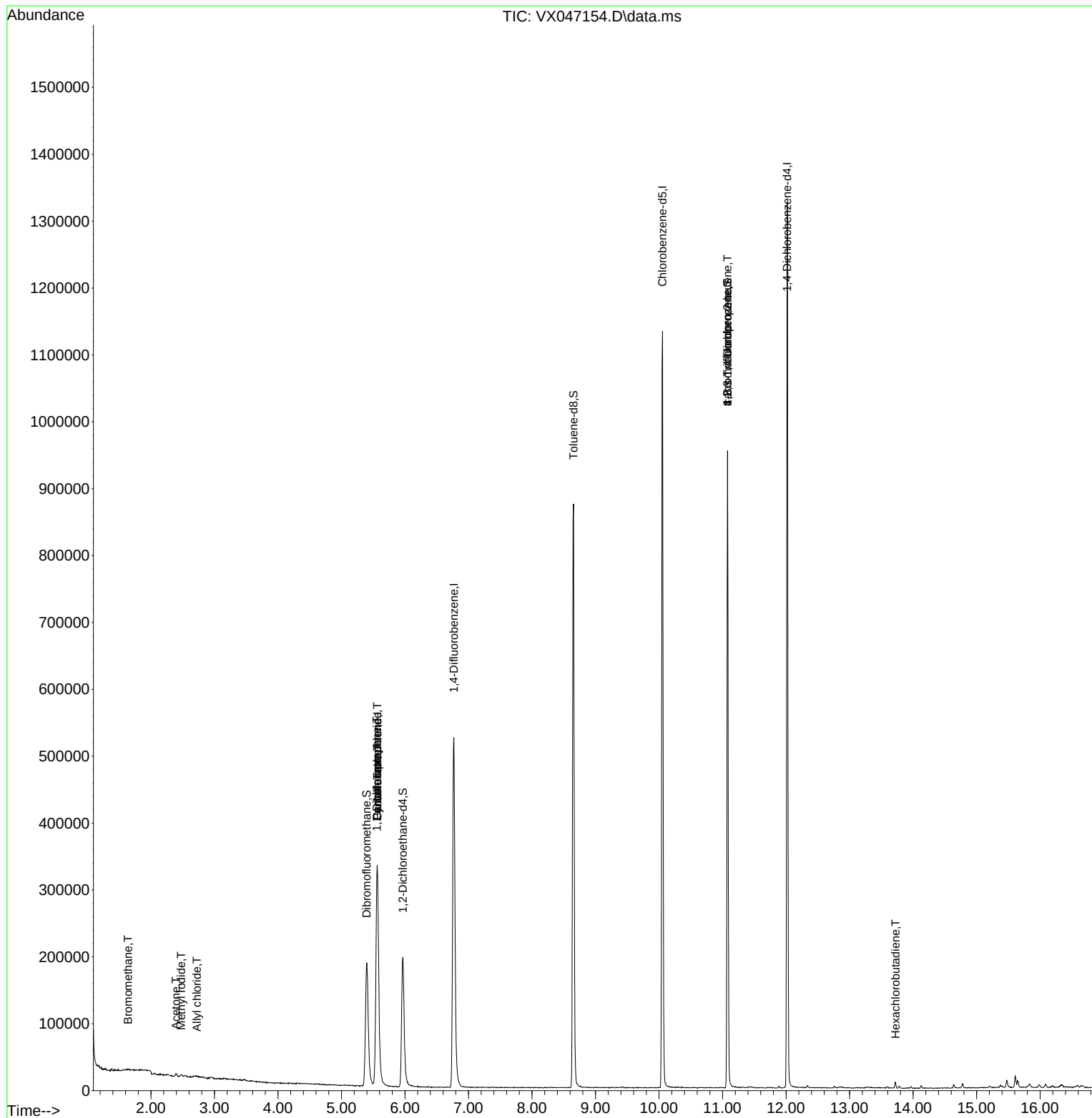
Target Compounds					Qvalue	
5) Bromomethane	1.636	94	1002	0.391	ug/l #	70
10) Methyl Iodide	2.477	142	3918	0.907	ug/l	95
14) Allyl chloride	2.721	41	5301	0.699	ug/l #	37
16) Acetone	2.392	43	3754	2.253	ug/l #	82
31) Cyclohexane	5.562	56	7429	0.955	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	27079	4.509	ug/l #	51
38) Carbon Tetrachloride	5.562	117	34617	5.400	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	131631	27.129	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	131631	69.896	ug/l #	8
94) Hexachlorobutadiene	13.725	225	1276	0.630	ug/l	88

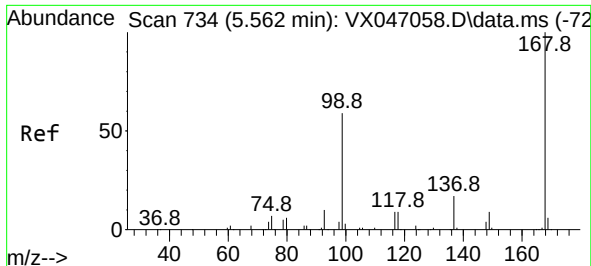
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
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MSVOA_X
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VX0728WBL01

Quant Time: Jul 29 02:12:18 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

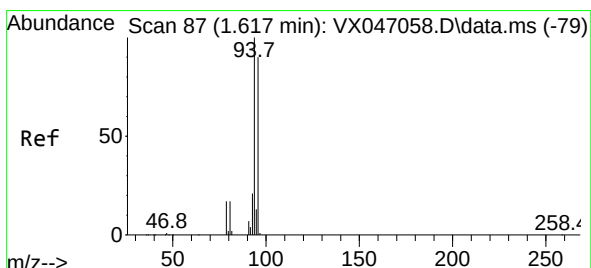
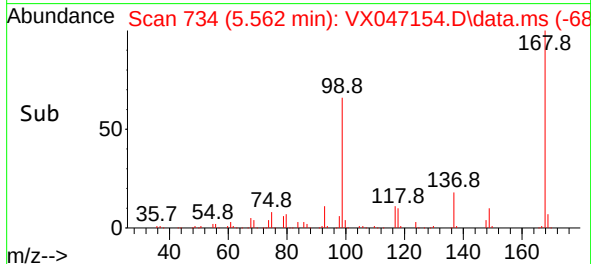
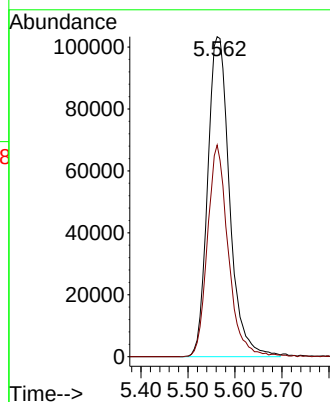
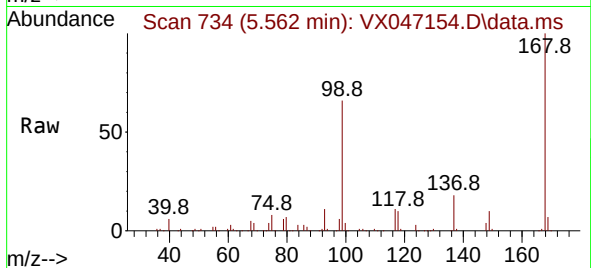




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

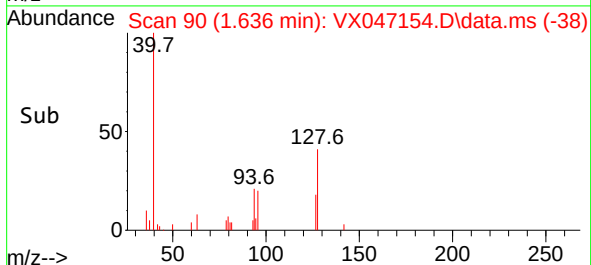
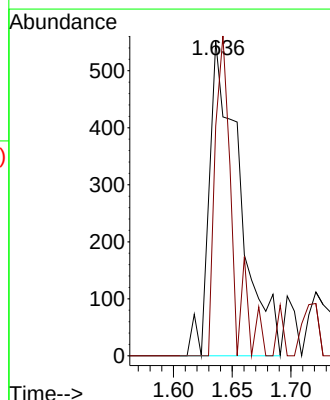
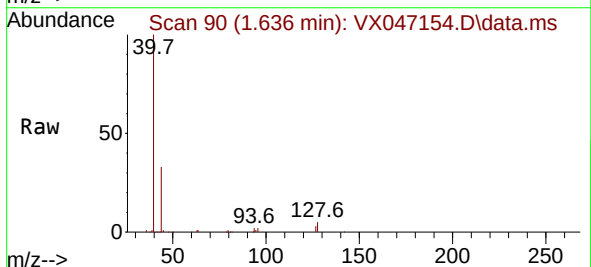
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

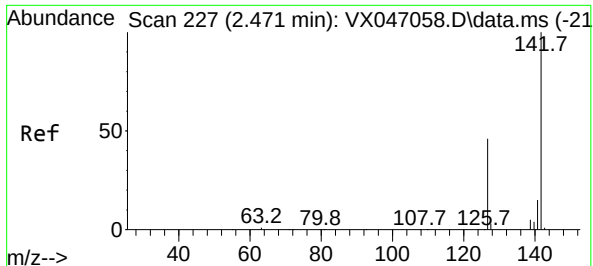
Tgt Ion:168 Resp: 333922
Ion Ratio Lower Upper
168 100
99 66.1 48.0 72.0



#5
Bromomethane
Concen: 0.391 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.019 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Tgt Ion: 94 Resp: 1002
Ion Ratio Lower Upper
94 100
96 62.3 72.3 108.5#

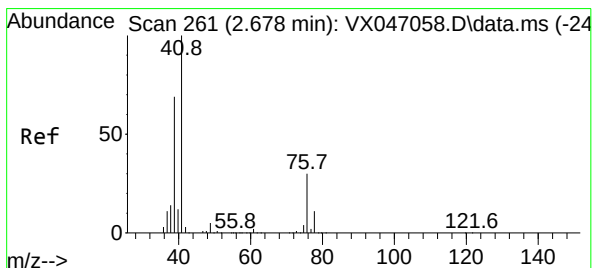
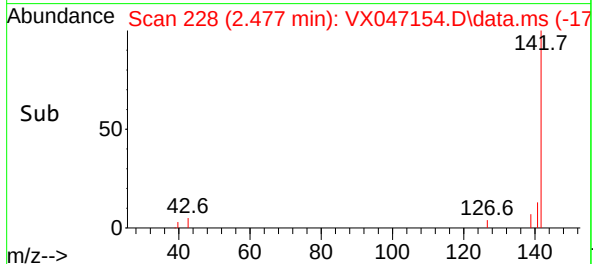
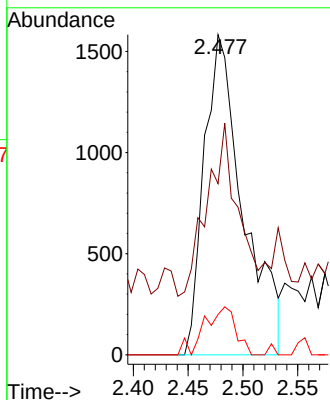
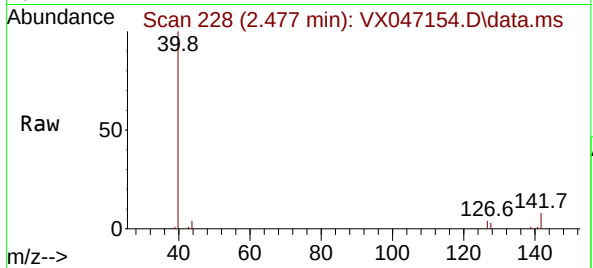




#10
Methyl Iodide
Concen: 0.907 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

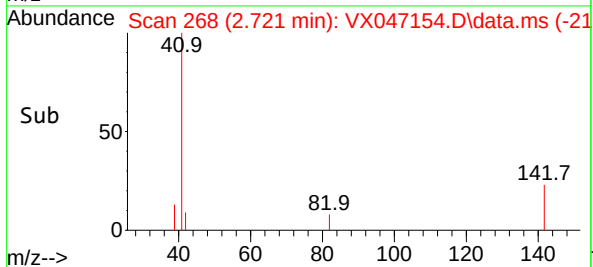
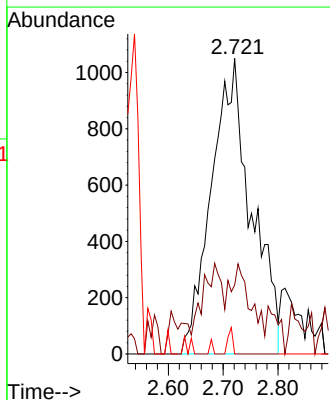
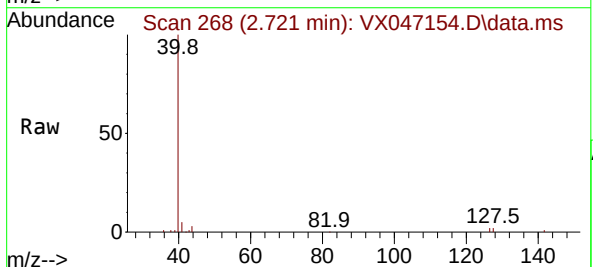
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

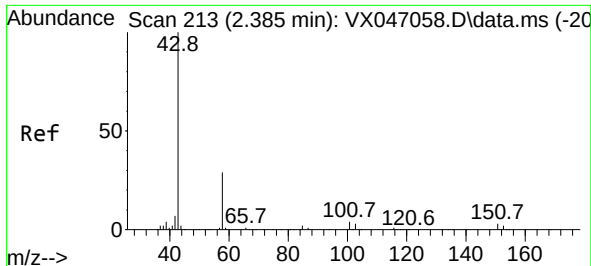
Tgt Ion:142 Resp: 3918
Ion Ratio Lower Upper
142 100
127 42.2 36.6 54.8
141 12.0 10.9 16.3



#14
Allyl chloride
Concen: 0.699 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.043 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Tgt Ion: 41 Resp: 5301
Ion Ratio Lower Upper
41 100
39 13.3 52.6 78.8#
76 0.0 25.7 38.5#

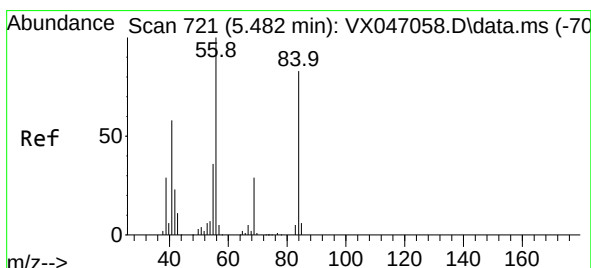
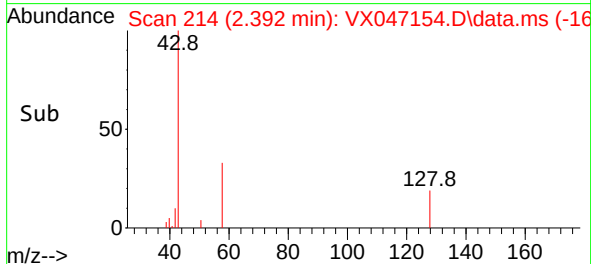
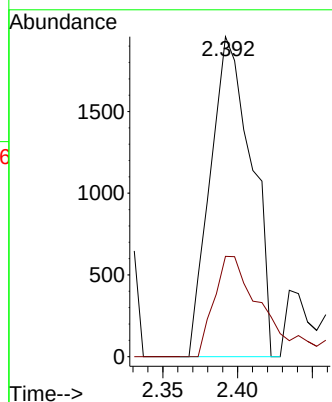
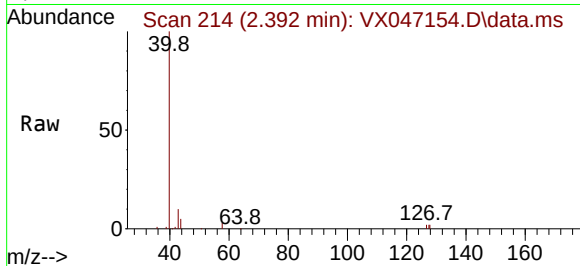




#16
Acetone
Concen: 2.253 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.007 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

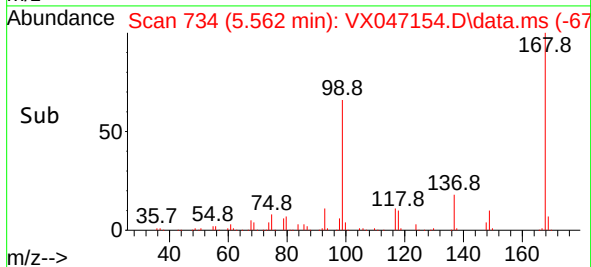
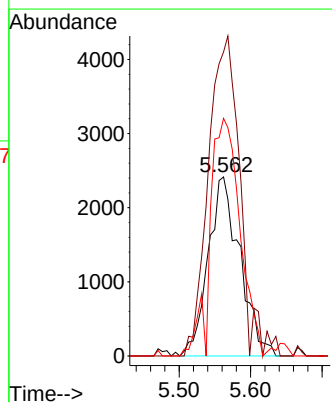
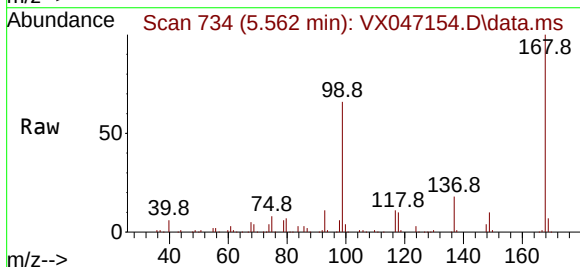
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

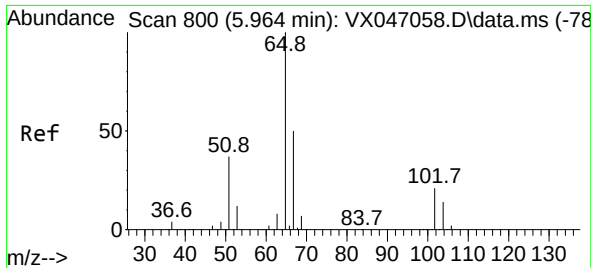
Tgt Ion: 43 Resp: 3754
Ion Ratio Lower Upper
43 100
58 20.2 24.0 36.0#



#31
Cyclohexane
Concen: 0.955 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.080 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Tgt Ion: 56 Resp: 7429
Ion Ratio Lower Upper
56 100
69 167.6 23.3 34.9#
84 128.9 66.5 99.7#

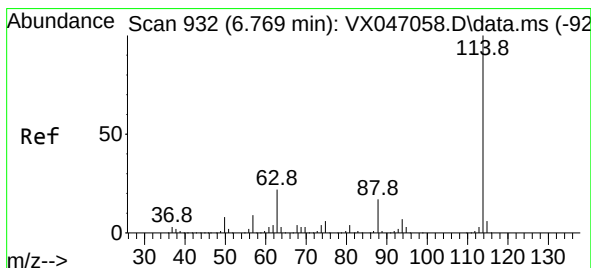
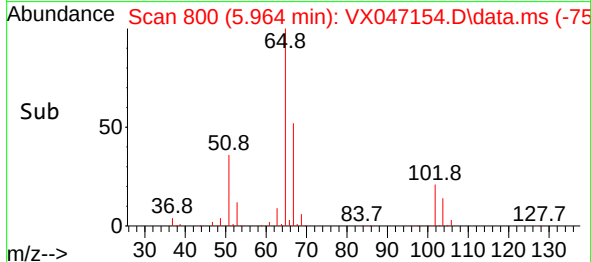
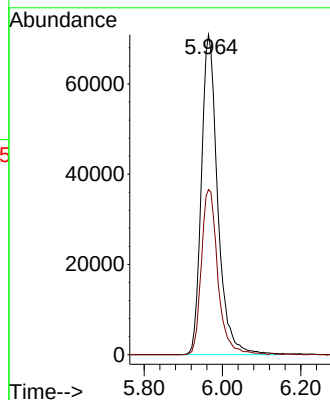
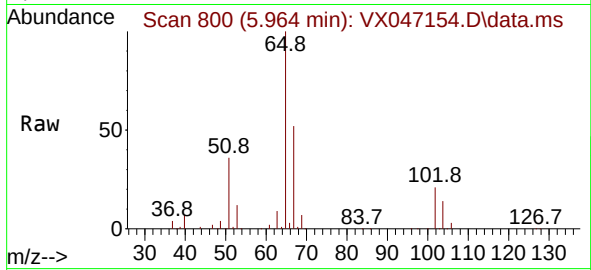




#33
1,2-Dichloroethane-d4
Concen: 49.424 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

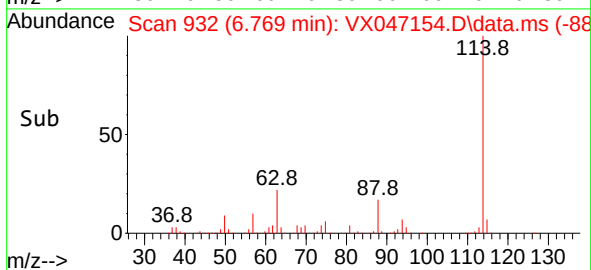
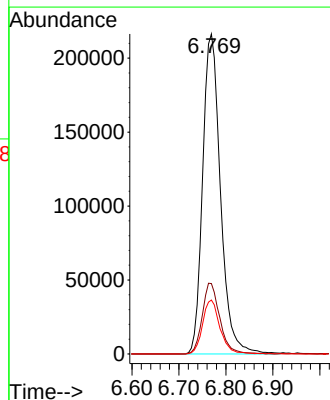
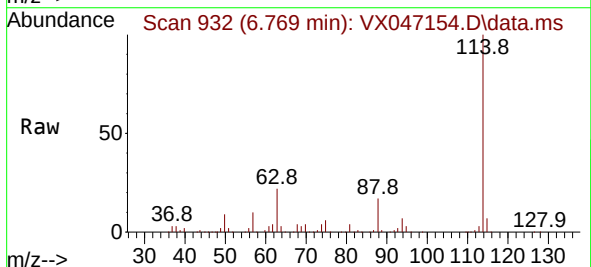
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

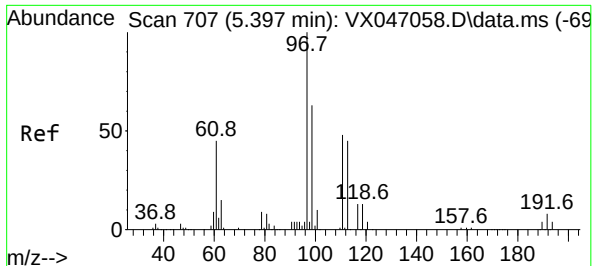
Tgt Ion: 65 Resp: 205584
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Tgt Ion: 114 Resp: 570654
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.664 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047154.D

Acq: 28 Jul 2025 10:19

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBL01

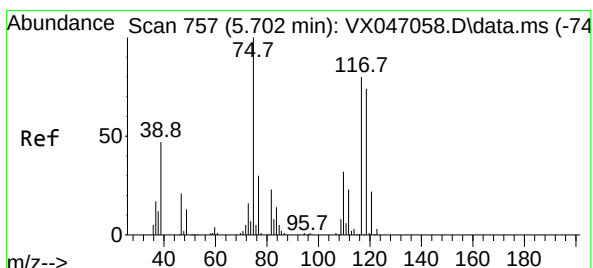
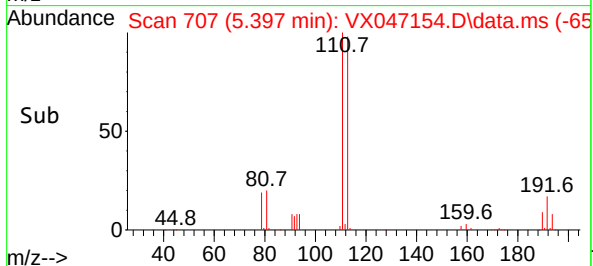
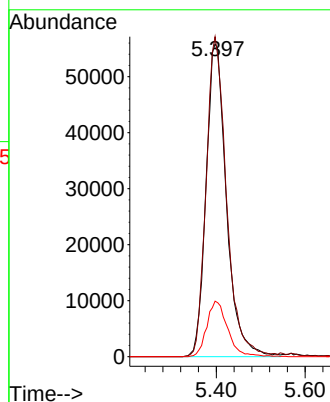
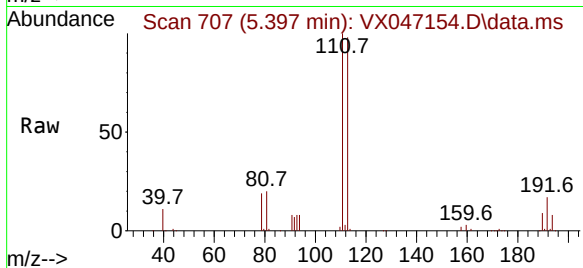
Tgt Ion:113 Resp: 178508

Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 18.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.509 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX047154.D

Acq: 28 Jul 2025 10:19

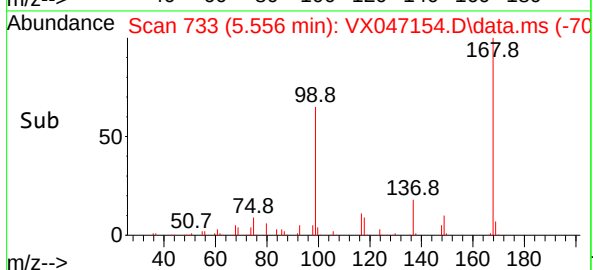
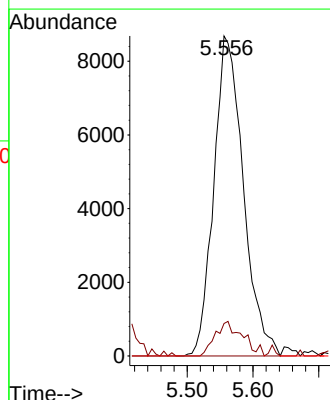
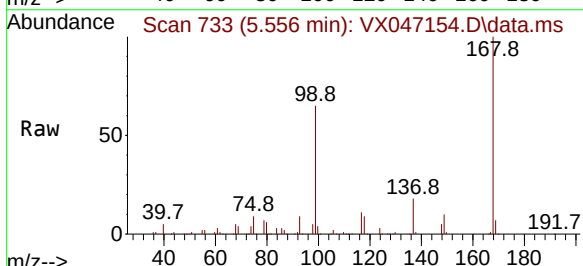
Tgt Ion: 75 Resp: 27079

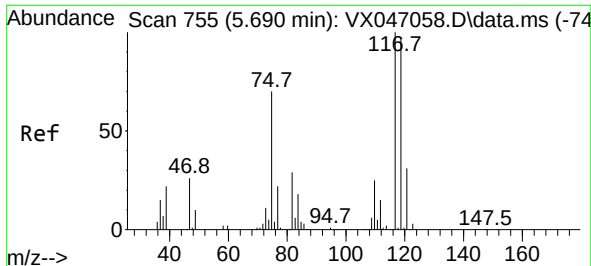
Ion Ratio Lower Upper

75 100

110 10.0 17.2 51.5#

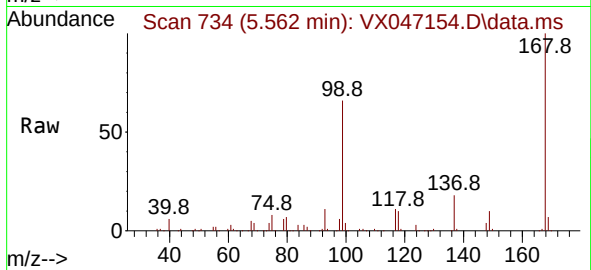
77 0.0 25.1 37.7#



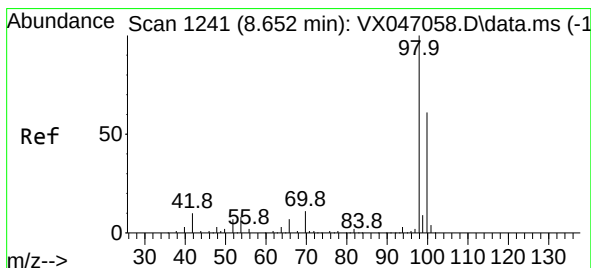
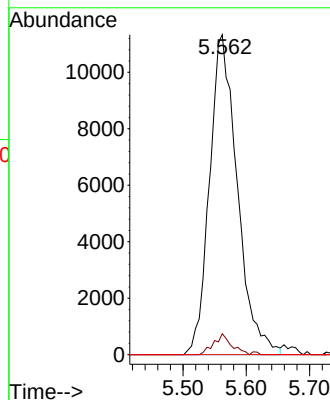
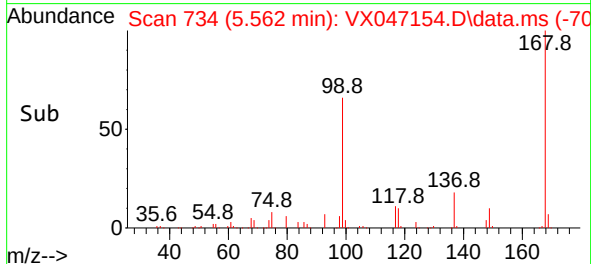


#38
Carbon Tetrachloride
Concen: 5.400 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

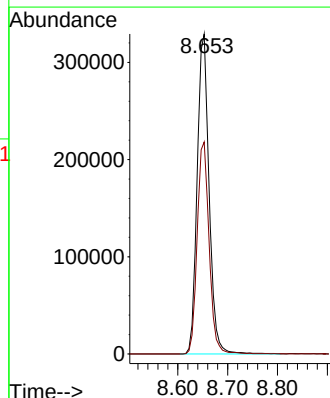
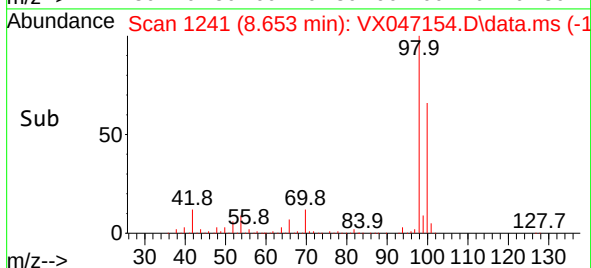
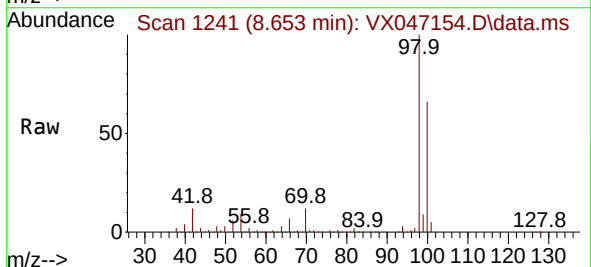


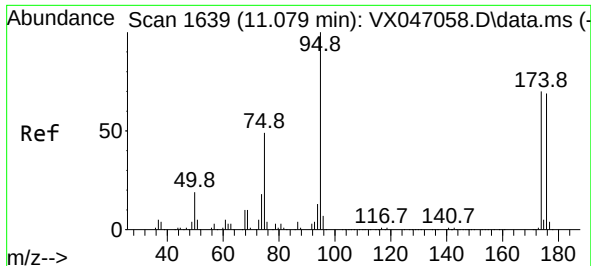
Tgt Ion:117 Resp: 34617
Ion Ratio Lower Upper
117 100
119 6.5 76.6 115.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.843 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Tgt Ion: 98 Resp: 545911
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9

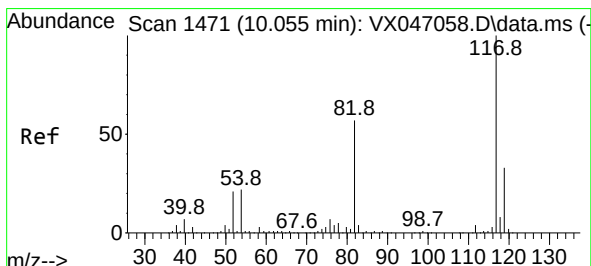
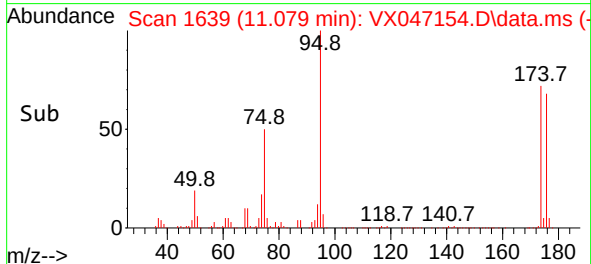
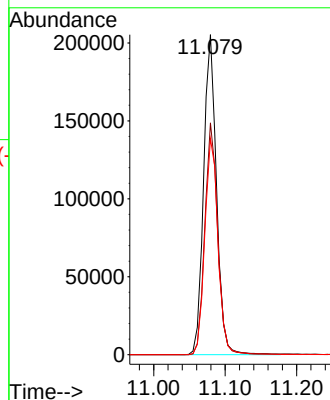
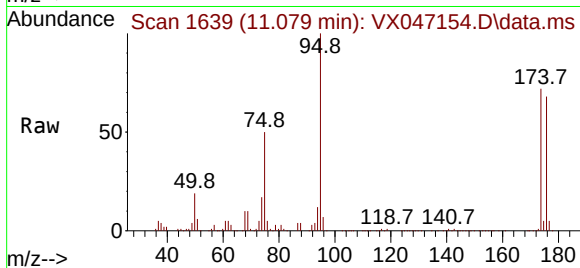




#62
4-Bromofluorobenzene
Concen: 52.273 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

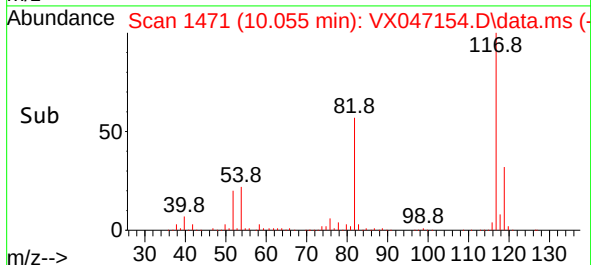
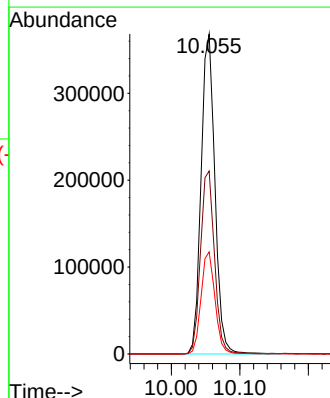
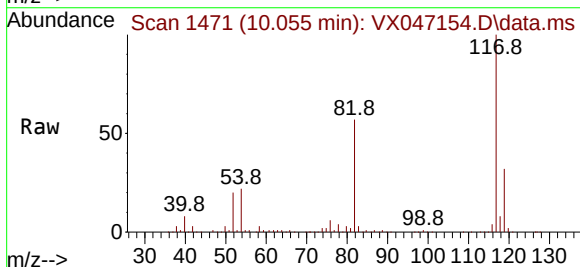
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

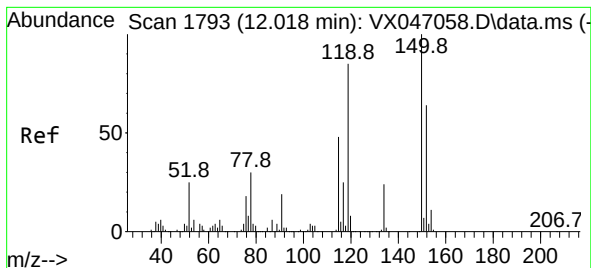
Tgt Ion: 95 Resp: 257039
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 69.6 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Tgt Ion: 117 Resp: 517999
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 31.9 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: VX047154.D

Acq: 28 Jul 2025 10:19

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBL01

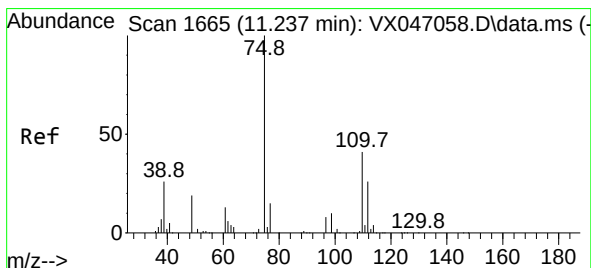
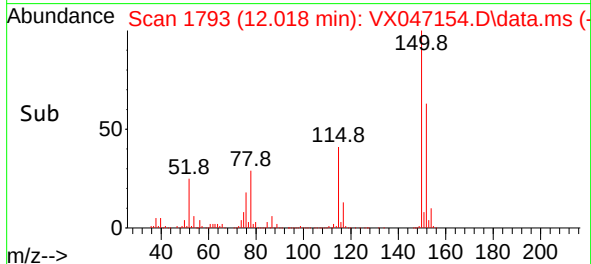
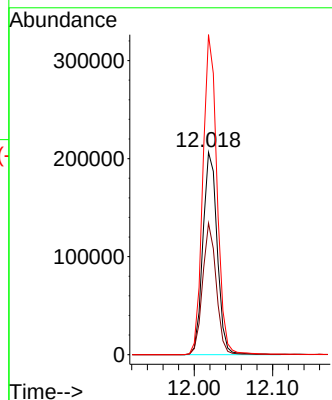
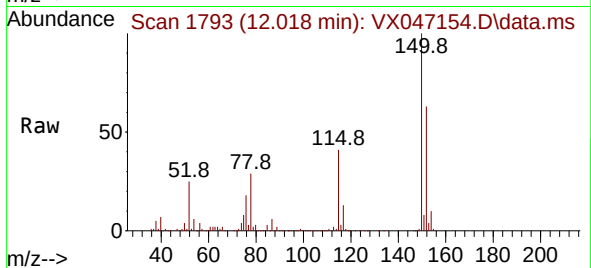
Tgt Ion:152 Resp: 262134

Ion Ratio Lower Upper

152 100

115 61.9 45.6 136.7

150 156.6 0.0 354.6



#76

1,2,3-Trichloropropane

Concen: 27.129 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047154.D

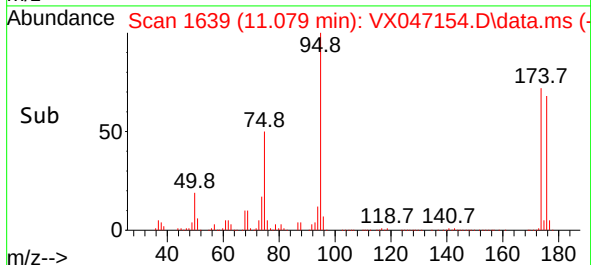
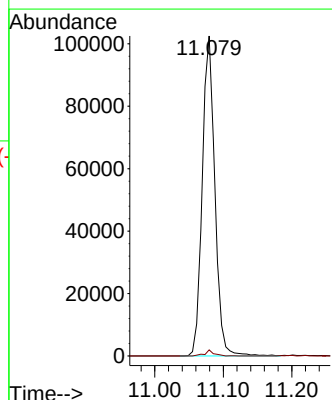
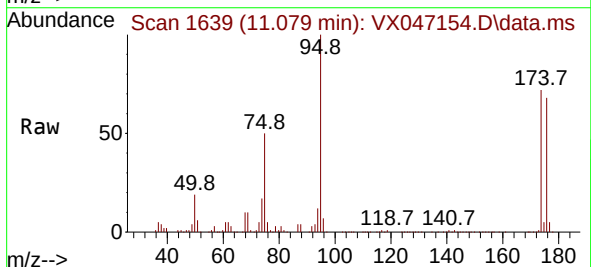
Acq: 28 Jul 2025 10:19

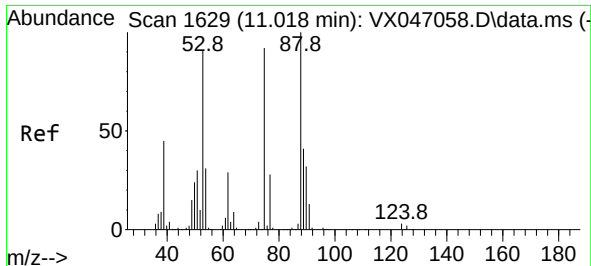
Tgt Ion: 75 Resp: 131631

Ion Ratio Lower Upper

75 100

77 1.4 21.6 65.0#

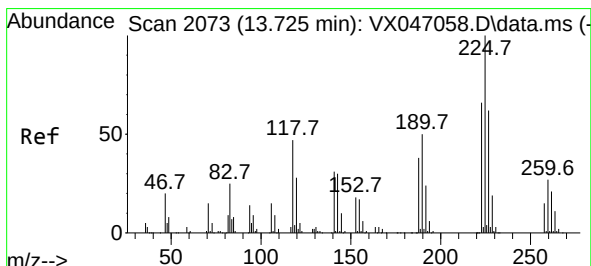
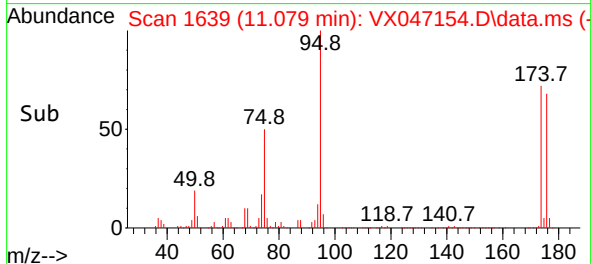
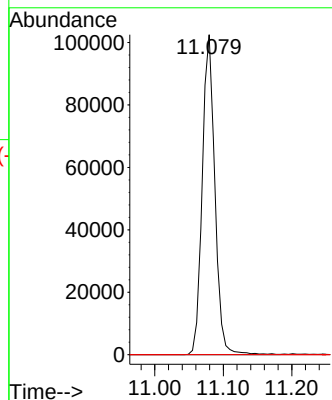
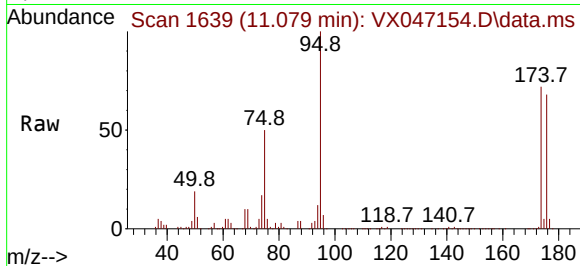




#81
trans-1,4-Dichloro-2-butene
Concen: 69.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBL01

Tgt Ion: 75 Resp: 131631
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#



#94
Hexachlorobutadiene
Concen: 0.630 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047154.D
Acq: 28 Jul 2025 10:19

Tgt Ion: 225 Resp: 1276
Ion Ratio Lower Upper
225 100
223 52.1 31.6 95.0
227 57.8 32.9 98.6

