

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046595.D
 Acq On : 10 Jun 2025 12:30
 Operator : JC/MD
 Sample : Q2230-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB060425

Quant Time: Jun 11 01:45:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

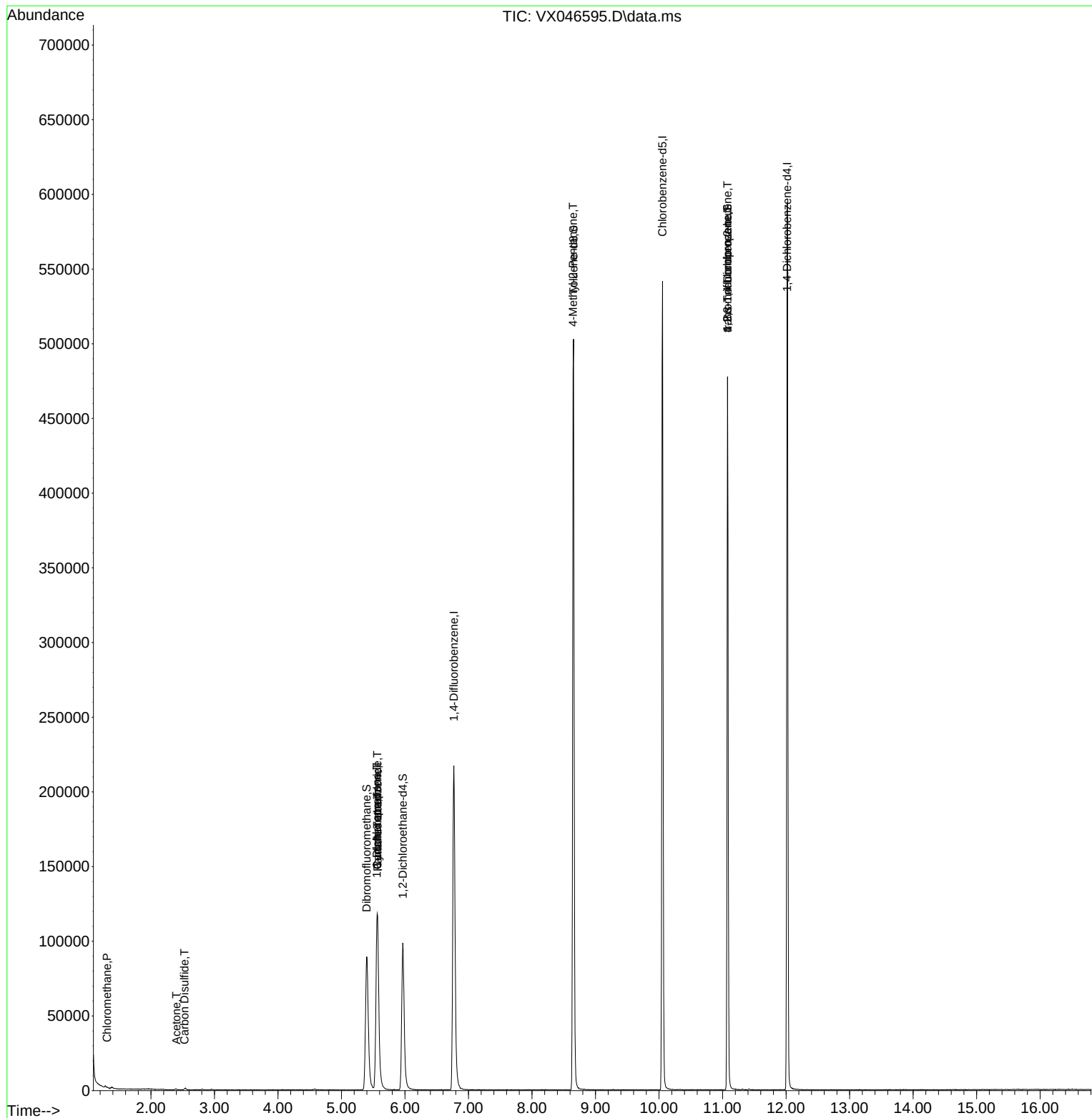
Internal Standards						
1) Pentafluorobenzene	5.568	168	114604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	115739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102624	50.332	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.660%	
35) Dibromofluoromethane	5.397	113	83570	50.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.300%	
50) Toluene-d8	8.653	98	296532	54.513	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.020%	
62) 4-Bromofluorobenzene	11.079	95	124548	55.339	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	569	0.393	ug/l	98
16) Acetone	2.398	43	847	5.633	ug/l #	89
17) Carbon Disulfide	2.526	76	206	0.273	ug/l #	76
31) Cyclohexane	5.562	56	2896	1.222	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10027	4.254	ug/l #	53
38) Carbon Tetrachloride	5.562	117	13036	4.938	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1506	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	67876	27.688	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	67876	79.868	ug/l #	1

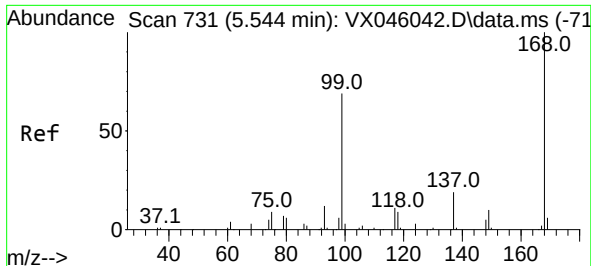
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jun 11 01:45:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

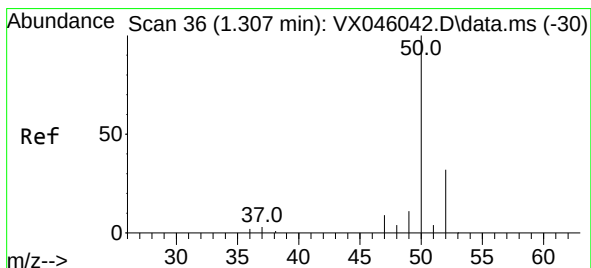
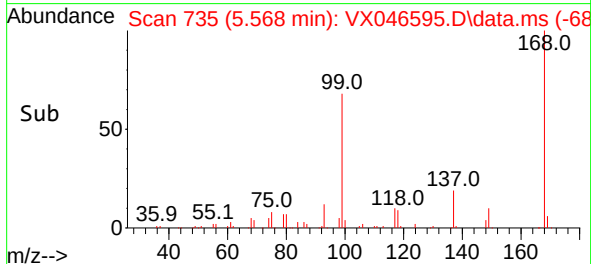
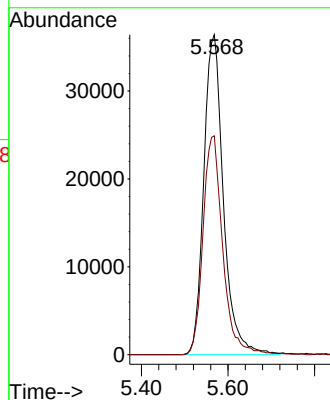
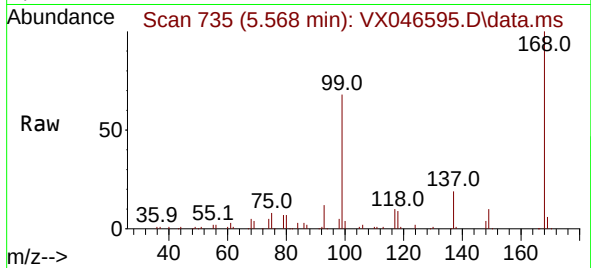




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

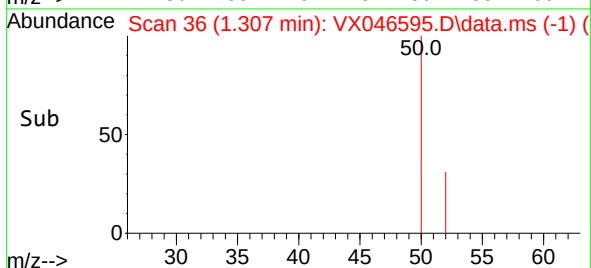
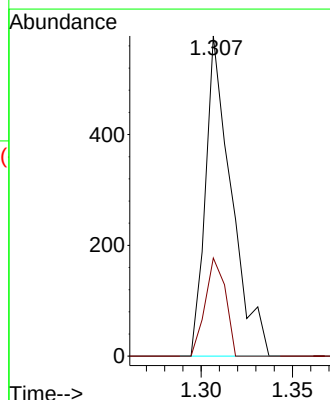
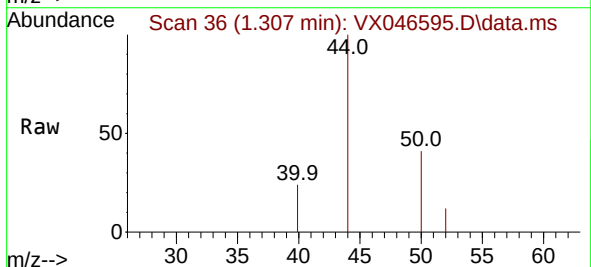
Instrument :
MSVOA_X
ClientSampleId :
TB060425

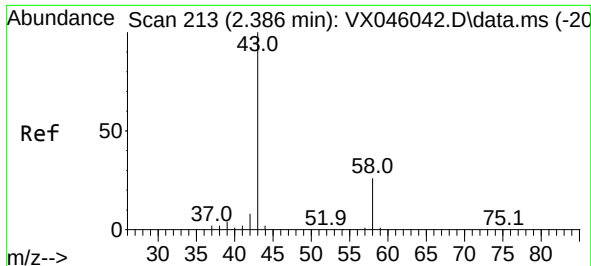
Tgt Ion:168 Resp: 114604
Ion Ratio Lower Upper
168 100
99 68.4 54.9 82.3



#3
Chloromethane
Concen: 0.393 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

Tgt Ion: 50 Resp: 569
Ion Ratio Lower Upper
50 100
52 30.6 25.4 38.2

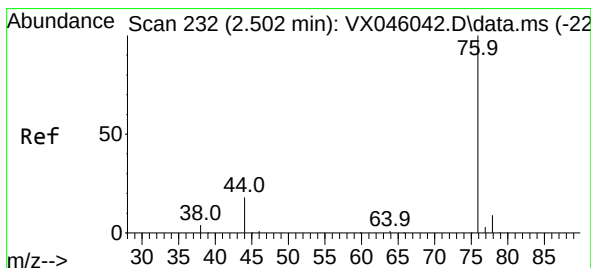
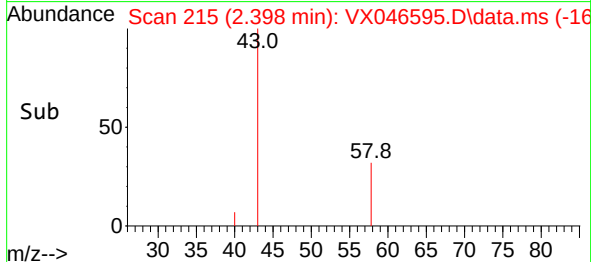
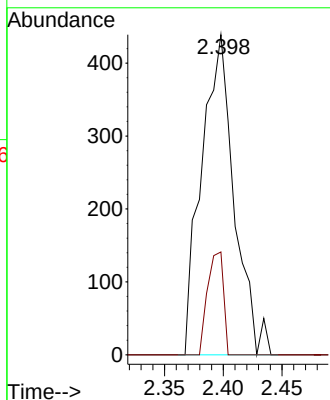
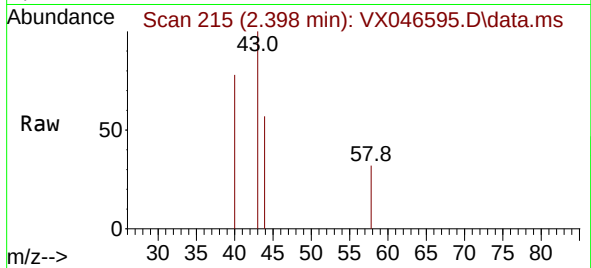




#16
Acetone
Concen: 5.633 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

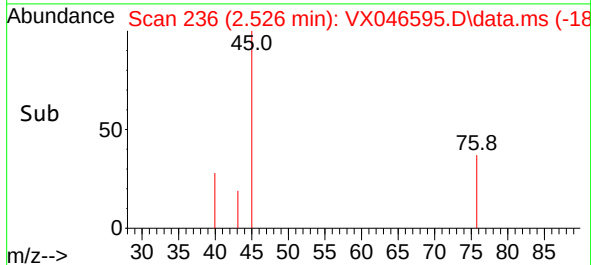
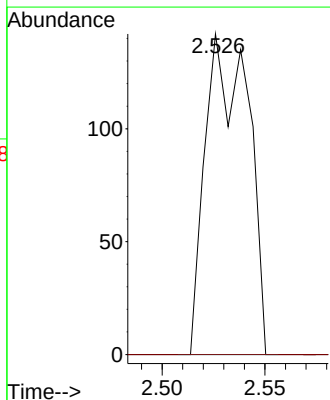
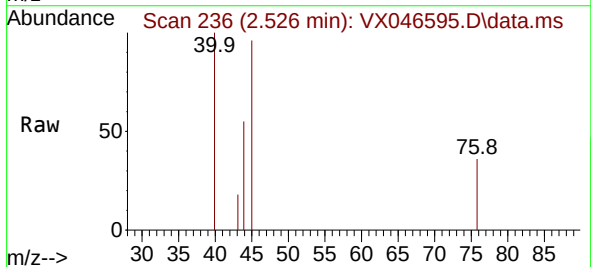
Instrument :
MSVOA_X
ClientSampleId :
TB060425

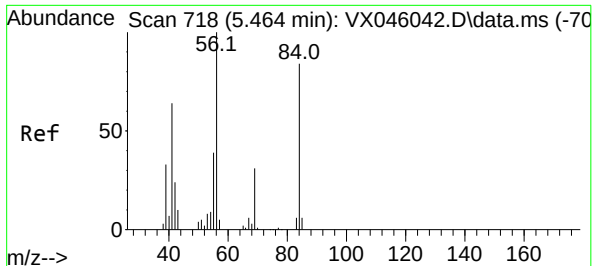
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 32.1 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.273 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

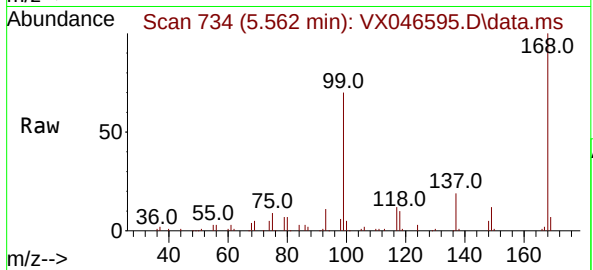
Tgt Ion: 76 Resp: 206
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



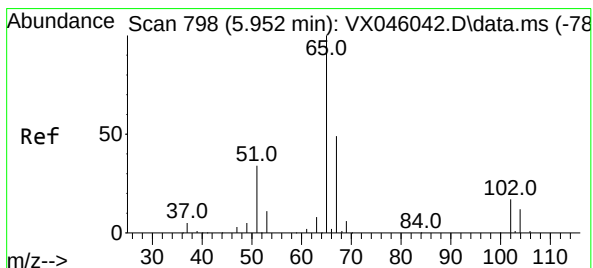
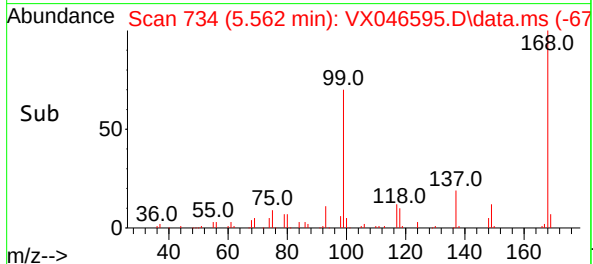
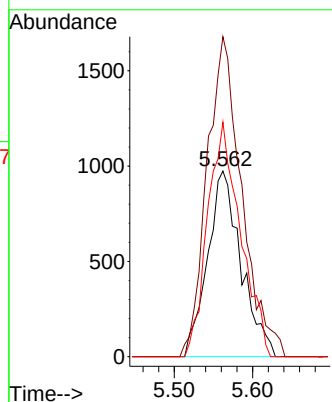


#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
TB060425

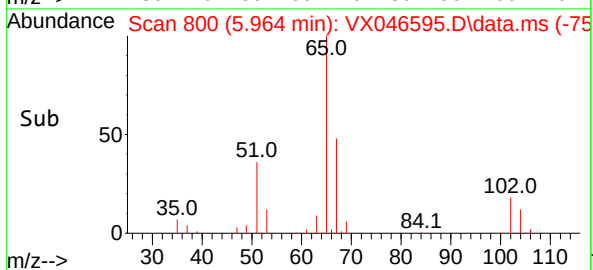
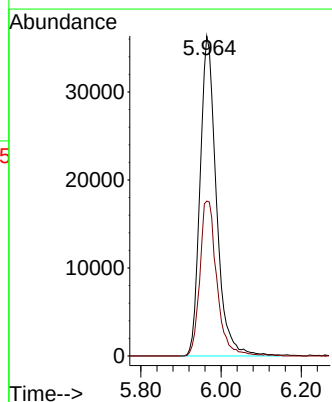
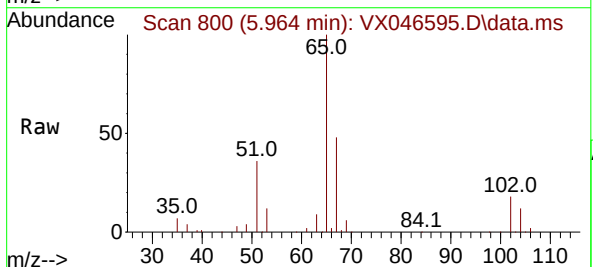


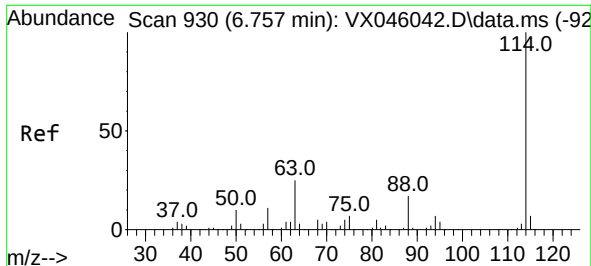
Tgt Ion: 56 Resp: 2896
Ion Ratio Lower Upper
56 100
69 172.4 24.4 36.6#
84 126.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.332 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

Tgt Ion: 65 Resp: 102624
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.0

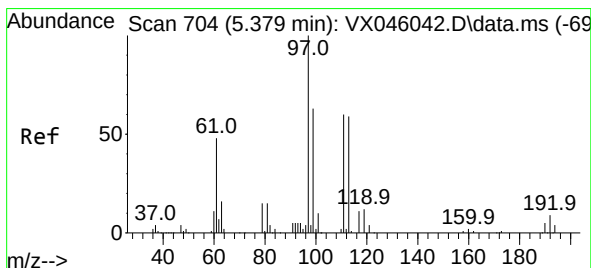
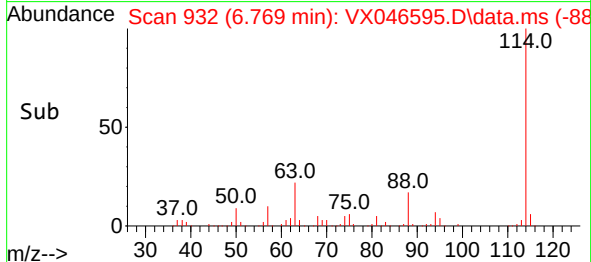
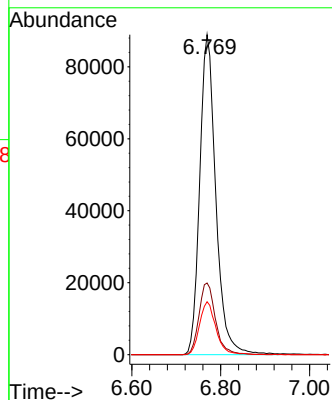
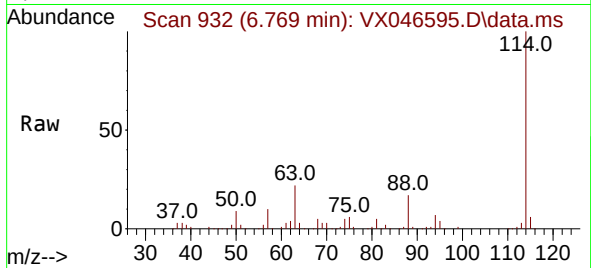




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

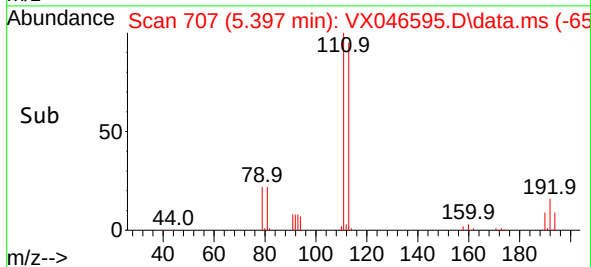
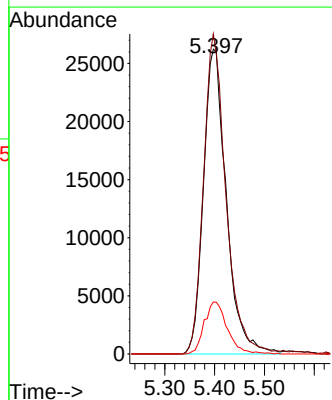
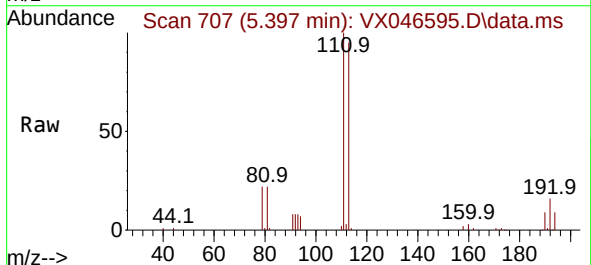
Instrument :
MSVOA_X
ClientSampleId :
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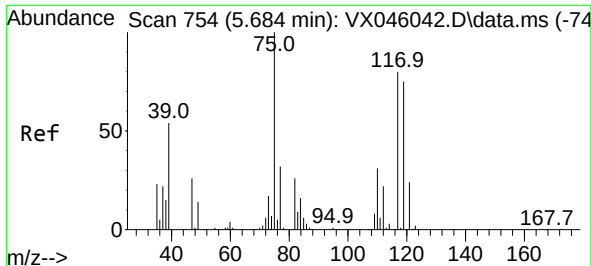
Tgt Ion:114 Resp: 224360
Ion Ratio Lower Upper
114 100
63 22.4 0.0 49.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.650 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

Tgt Ion:113 Resp: 83570
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 17.2 13.3 19.9

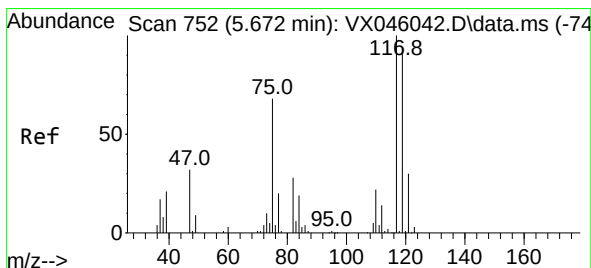
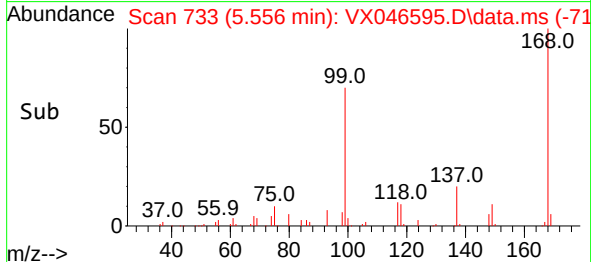
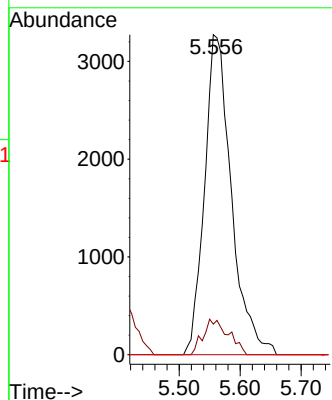
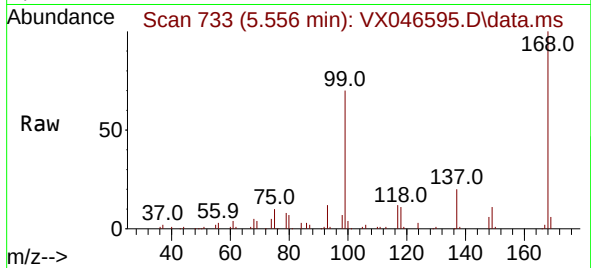




#36
1,1-Dichloropropene
Concen: 4.254 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.158 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

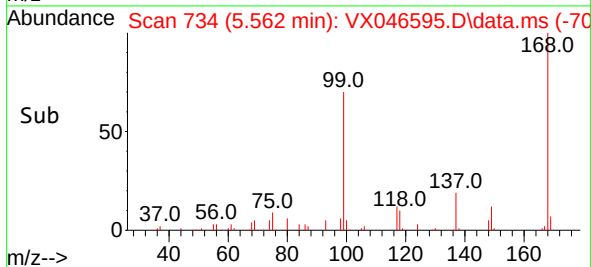
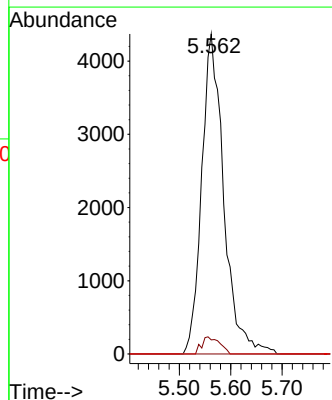
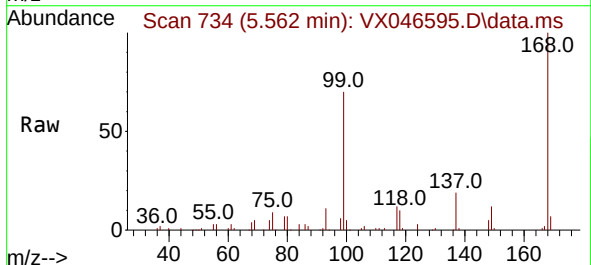
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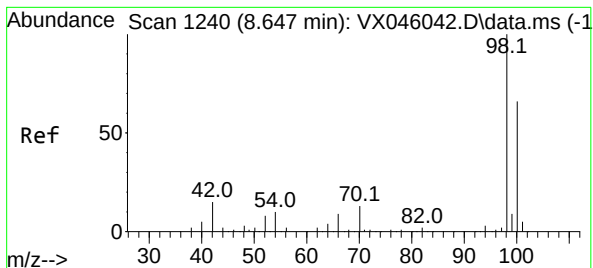
Tgt Ion: 75 Resp: 10027
Ion Ratio Lower Upper
75 100
110 10.5 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.938 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

Tgt Ion: 117 Resp: 13036
Ion Ratio Lower Upper
117 100
119 4.4 75.2 112.8#
121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 54.513 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046595.D

Acq: 10 Jun 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

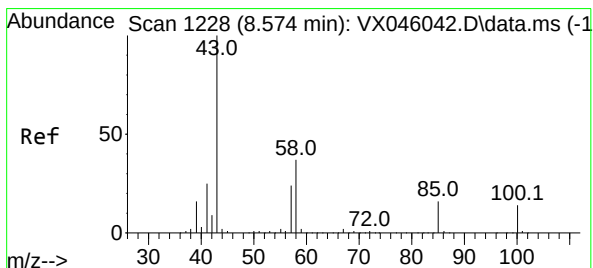
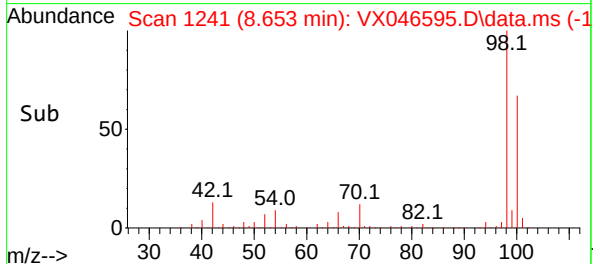
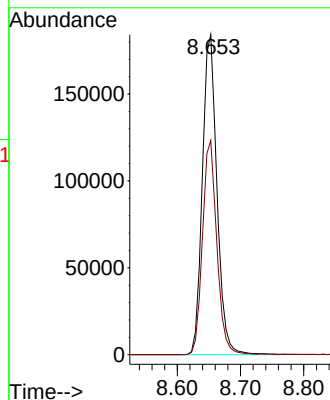
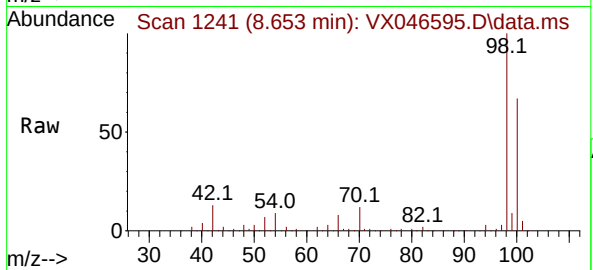
TB060425

Tgt Ion: 98 Resp: 296532

Ion Ratio Lower Upper

98 100

100 65.6 53.5 80.3



#51

4-Methyl-2-Pentanone

Concen: 0.591 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX046595.D

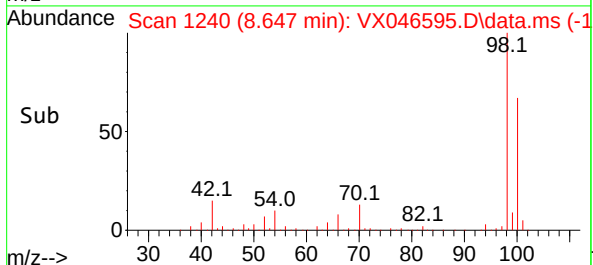
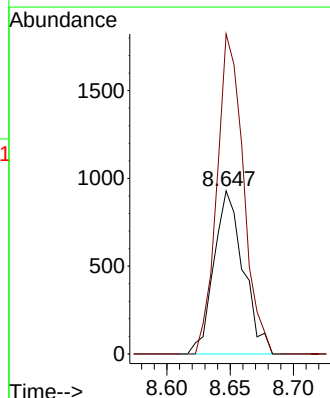
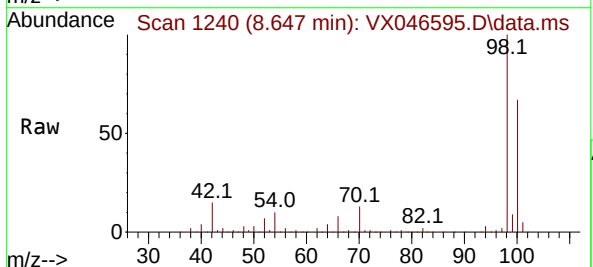
Acq: 10 Jun 2025 12:30

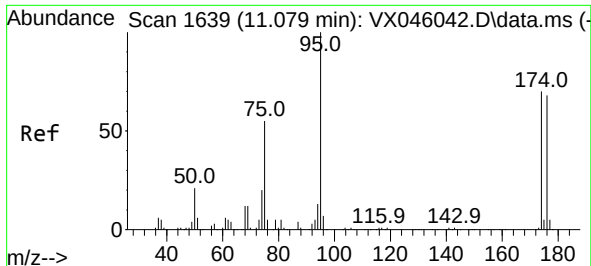
Tgt Ion: 43 Resp: 1506

Ion Ratio Lower Upper

43 100

58 176.2 28.9 43.3#

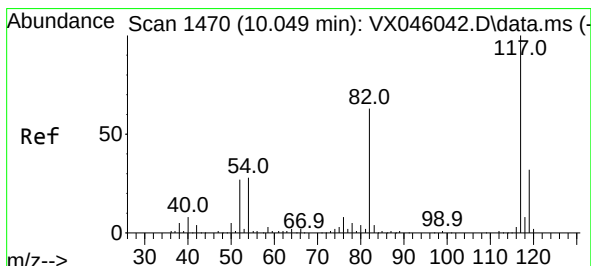
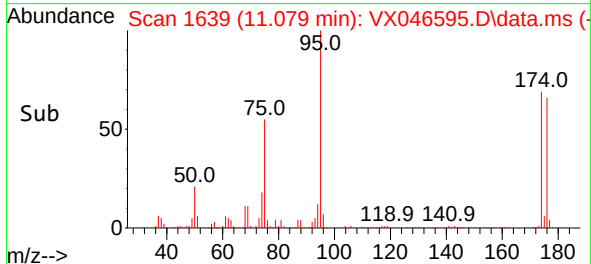
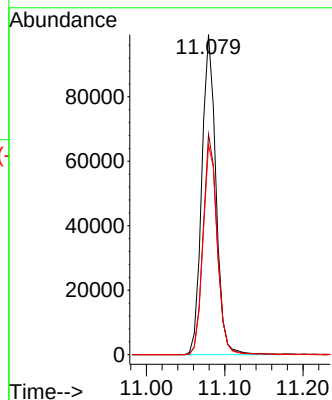
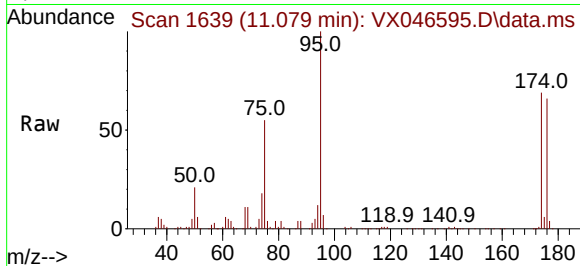




#62
4-Bromofluorobenzene
Concen: 55.339 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

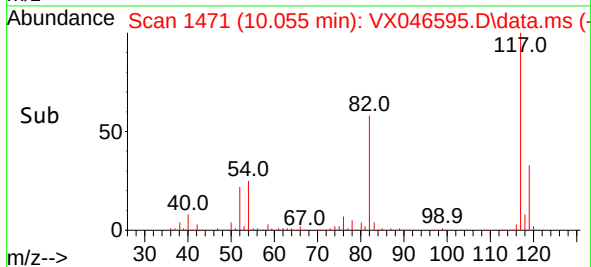
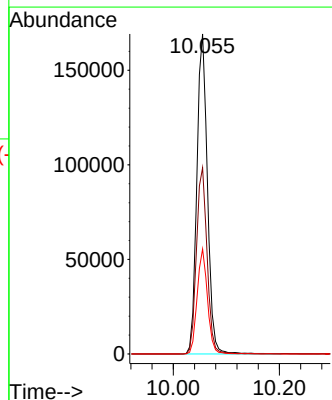
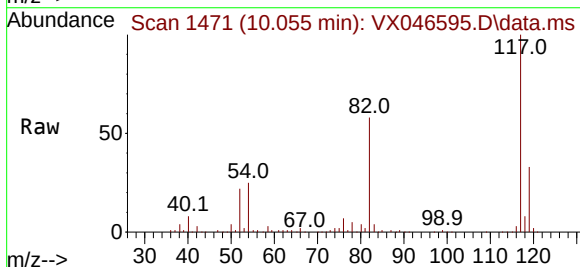
Instrument :
MSVOA_X
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TB060425

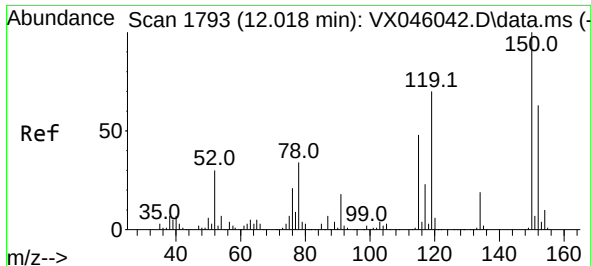
Tgt Ion: 95 Resp: 124548
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 66.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

Tgt Ion: 117 Resp: 234275
Ion Ratio Lower Upper
117 100
82 58.2 50.6 76.0
119 32.8 25.8 38.6

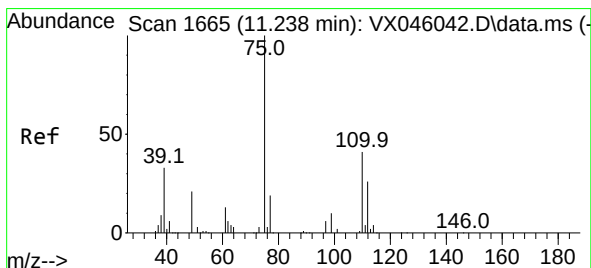
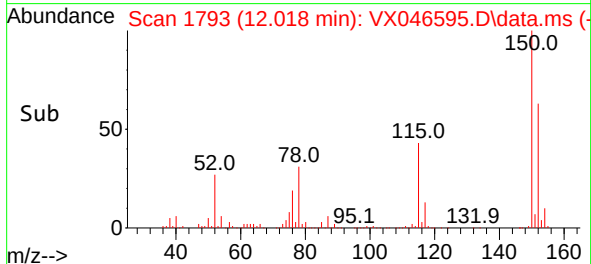
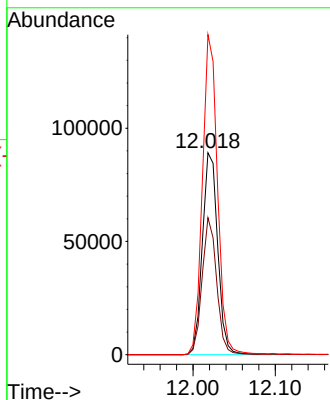
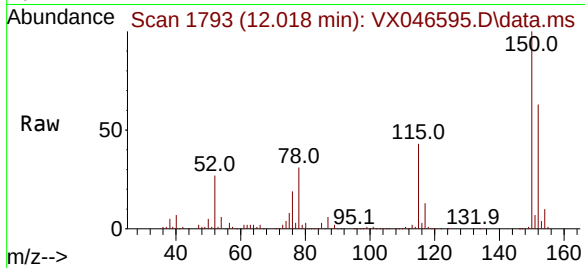




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

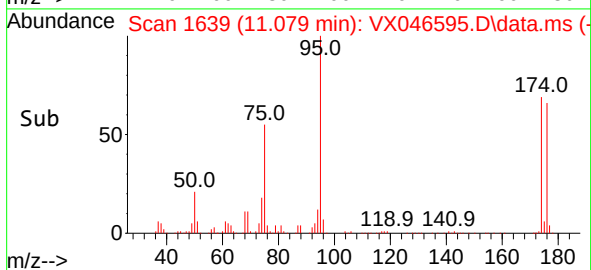
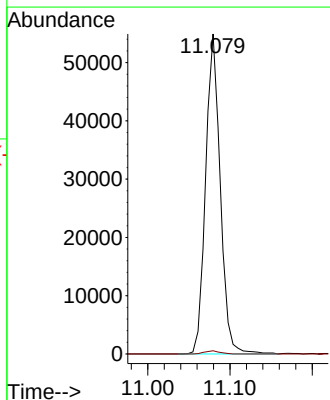
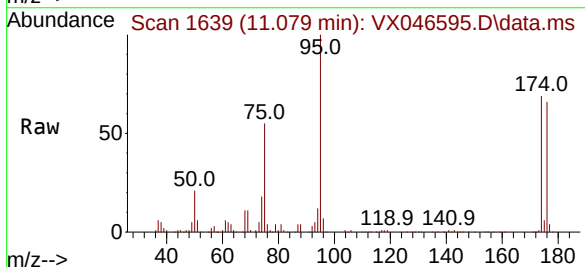
Instrument :
MSVOA_X
ClientSampleId :
TB060425

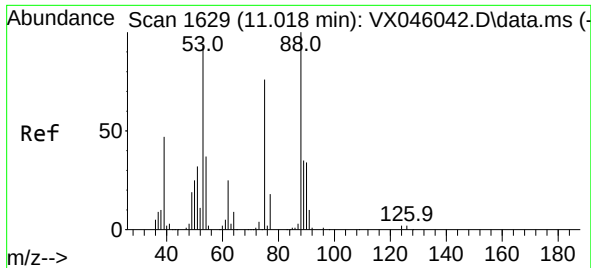
Tgt Ion:152 Resp: 115739
Ion Ratio Lower Upper
152 100
115 64.3 46.9 140.7
150 155.2 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 27.688 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046595.D
Acq: 10 Jun 2025 12:30

Tgt Ion: 75 Resp: 67876
Ion Ratio Lower Upper
75 100
77 1.0 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.868 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046595.D
 Acq: 10 Jun 2025 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 TB060425

Tgt Ion: 75 Resp: 67876
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

