

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044915.D
 Acq On : 11 Feb 2025 18:42
 Operator : JC/MD
 Sample : Q1327-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 02:46:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

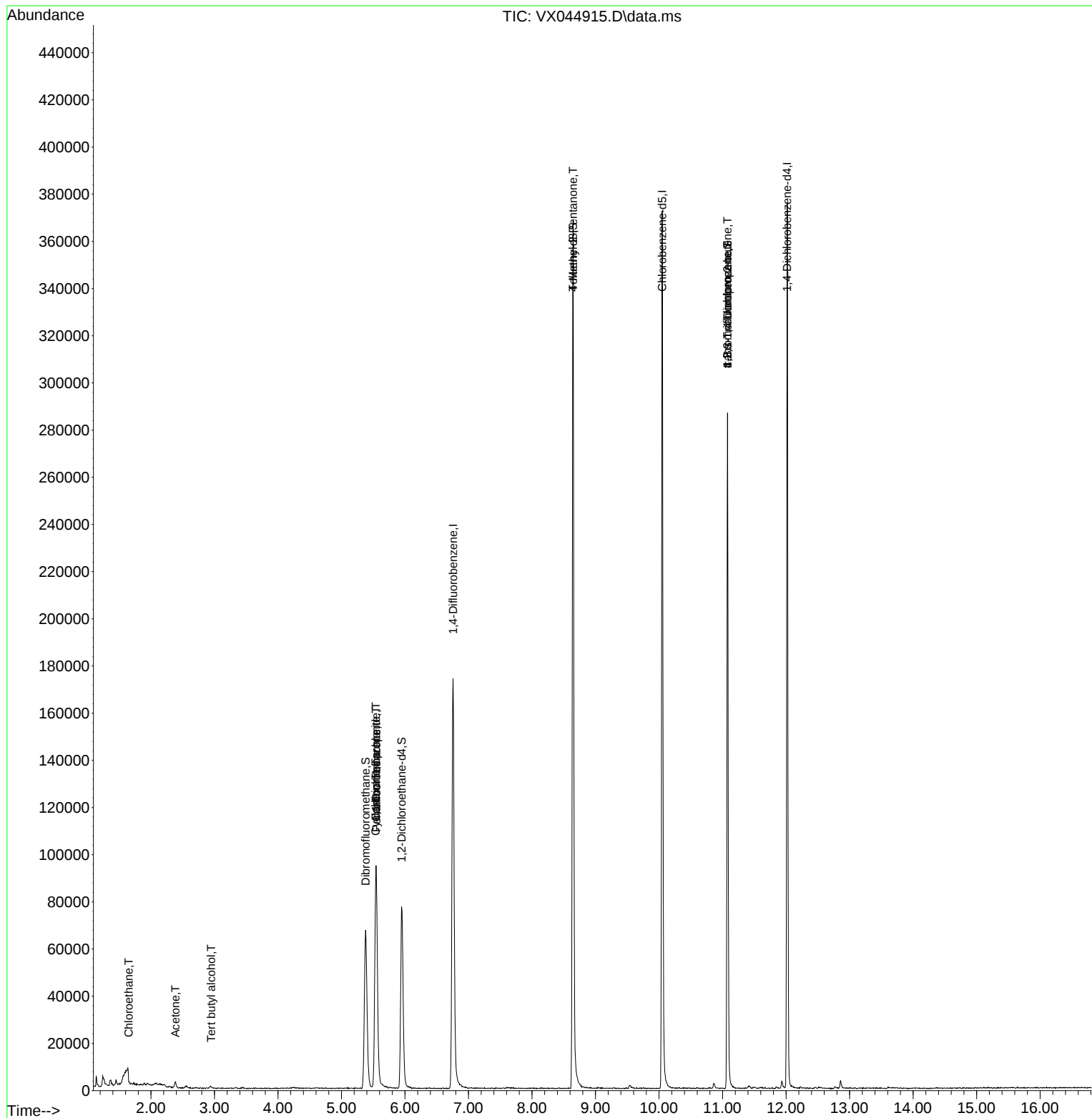
Internal Standards						
1) Pentafluorobenzene	5.550	168	90365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	165045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71250	53.864	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.720%	
35) Dibromofluoromethane	5.379	113	59218	49.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.760%	
50) Toluene-d8	8.647	98	225061	49.629	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	11.079	95	76430	49.994	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.980%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.648	64	154	1.554	ug/l #	42
11) Tert butyl alcohol	2.946	59	312	1.271	ug/l #	73
16) Acetone	2.386	43	2667	5.015	ug/l	94
31) Cyclohexane	5.537	56	2318	1.128	ug/l #	23
36) 1,1-Dichloropropene	5.544	75	7428	4.293	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9590	5.656	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1081	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40475	25.429	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40475	65.412	ug/l #	11

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

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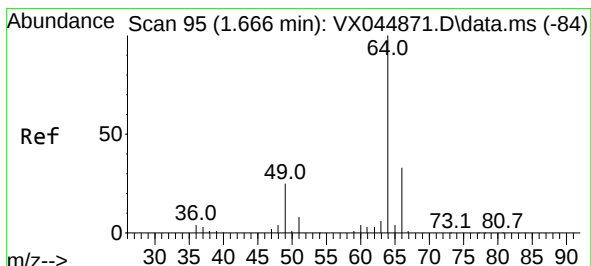
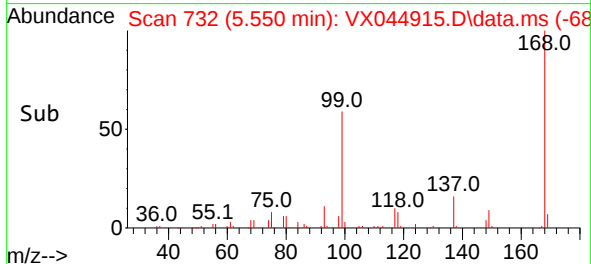
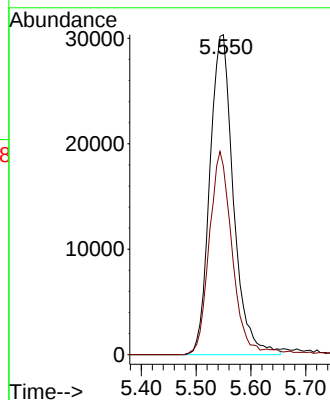
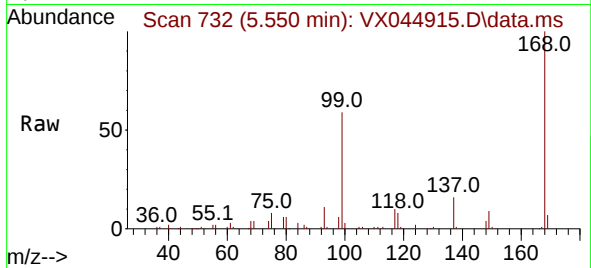




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044915.D
Acq: 11 Feb 2025 18:42

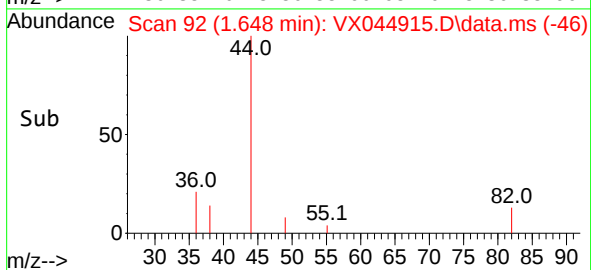
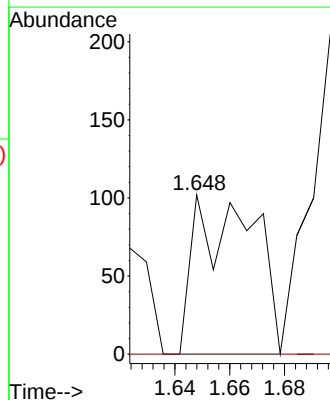
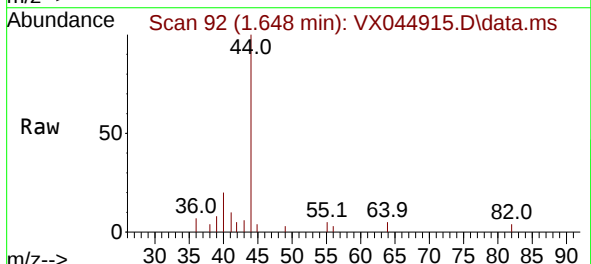
Instrument :
MSVOA_X
ClientSampleId :

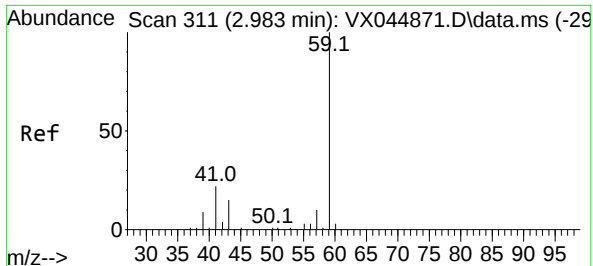
Tgt Ion:168 Resp: 90365
Ion Ratio Lower Upper
168 100
99 58.8 51.2 76.8



#6
Chloroethane
Concen: 1.554 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.018 min
Lab File: VX044915.D
Acq: 11 Feb 2025 18:42

Tgt Ion: 64 Resp: 154
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

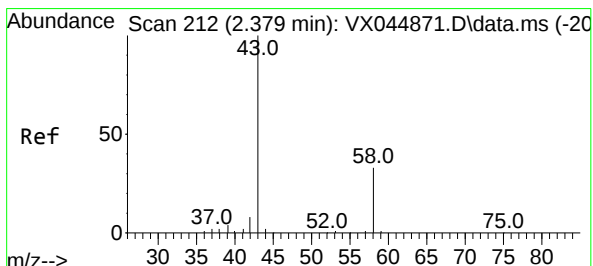
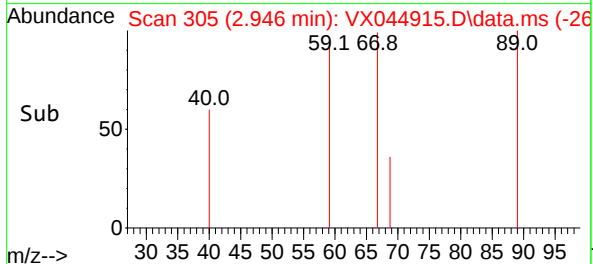
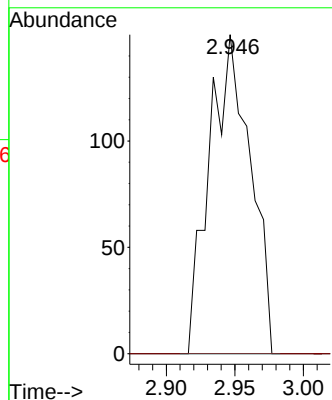
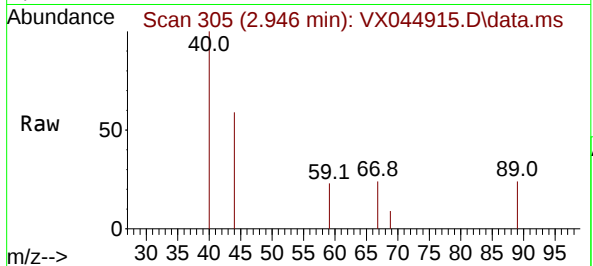




#11
Tert butyl alcohol
Concen: 1.271 ug/l
RT: 2.946 min Scan# 30
Delta R.T. -0.036 min
Lab File: VX044915.D
Acq: 11 Feb 2025 18:42

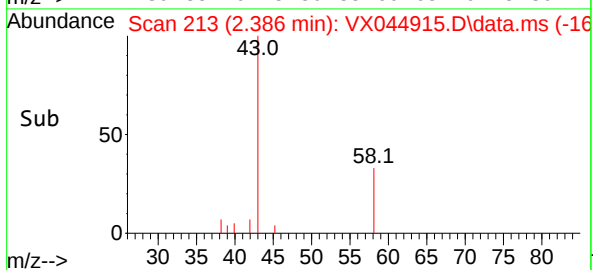
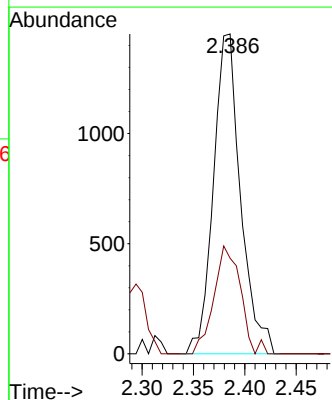
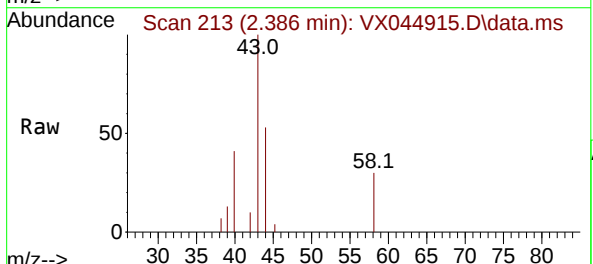
Instrument :
MSVOA_X
ClientSampleId :

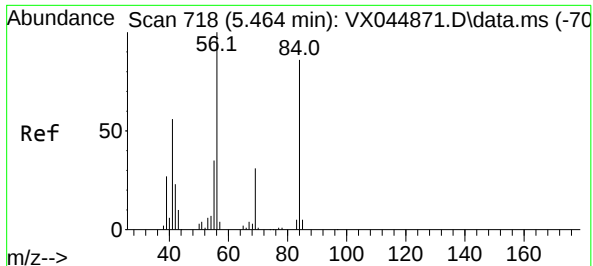
Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 5.015 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044915.D
Acq: 11 Feb 2025 18:42

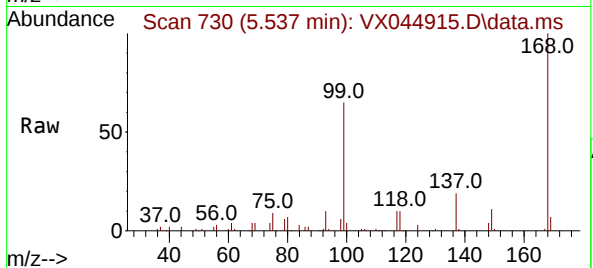
Tgt Ion: 43 Resp: 2667
Ion Ratio Lower Upper
43 100
58 29.9 26.5 39.7



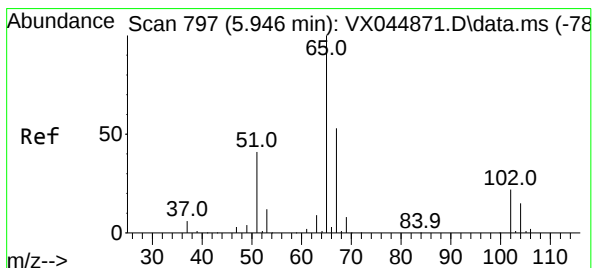
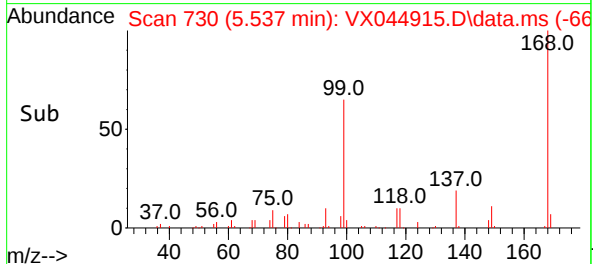
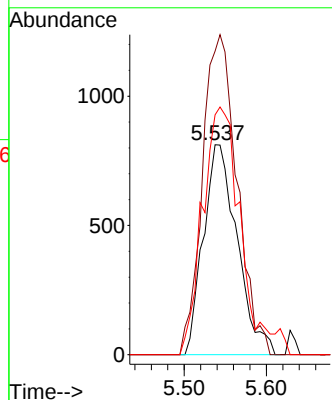


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044915.D
Acq: 11 Feb 2025 18:42

Instrument :
MSVOA_X
ClientSampleId :

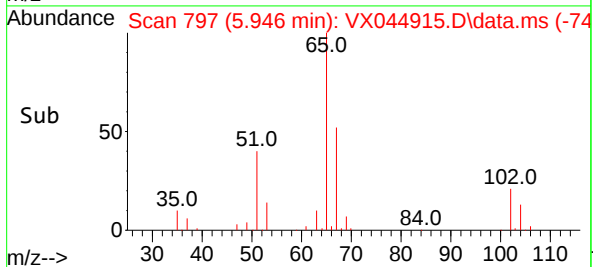
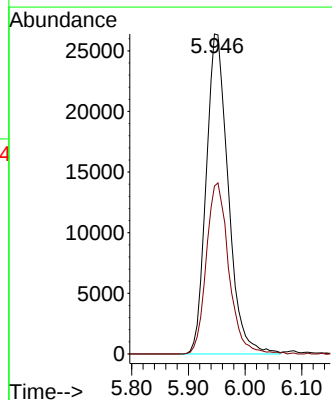
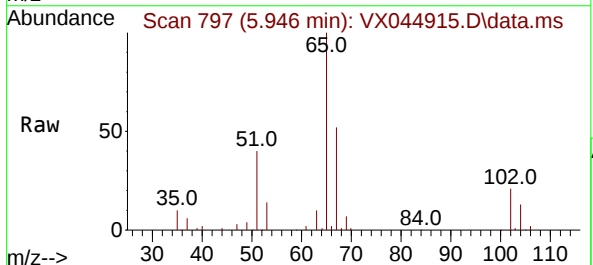


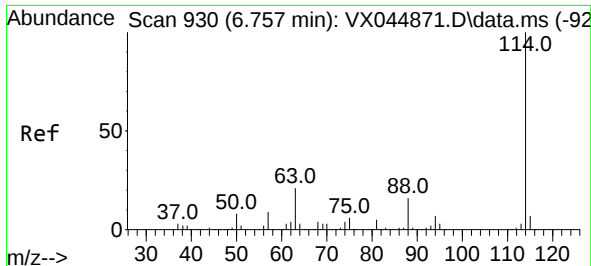
Tgt Ion: 56 Resp: 2318
Ion Ratio Lower Upper
56 100
69 144.6 24.4 36.6#
84 114.3 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 53.864 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044915.D
Acq: 11 Feb 2025 18:42

Tgt Ion: 65 Resp: 71250
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.2

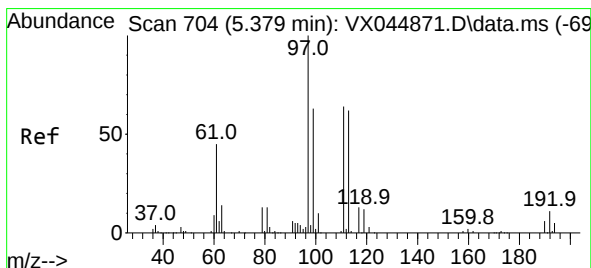
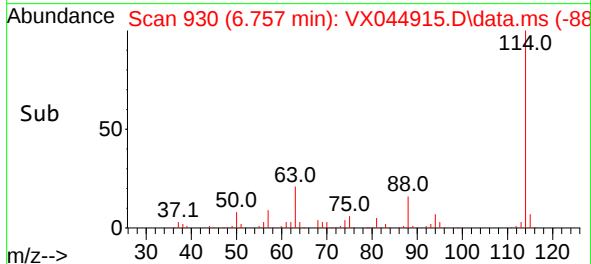
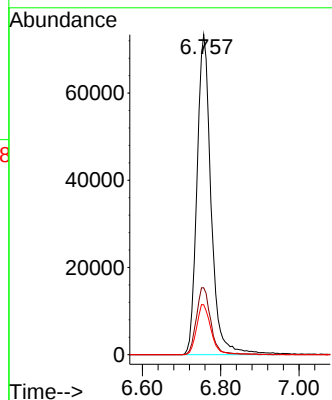
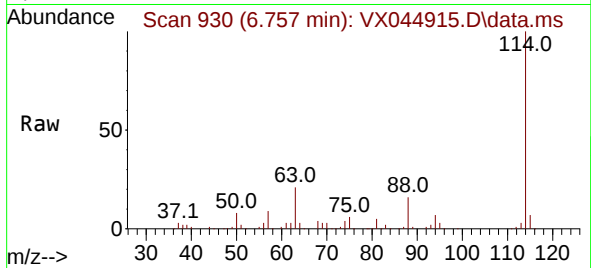




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044915.D
Acq: 11 Feb 2025 18:42

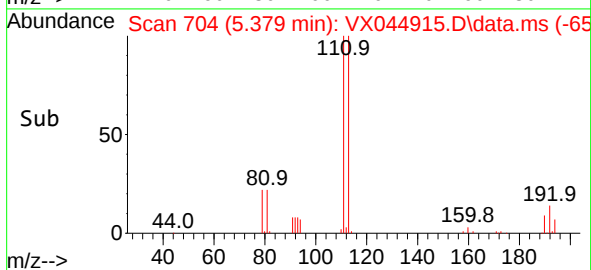
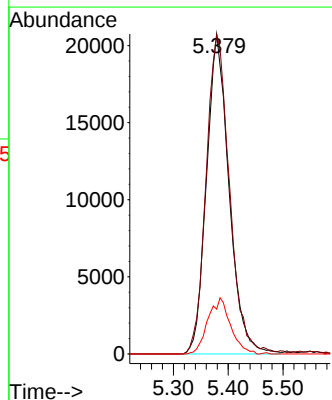
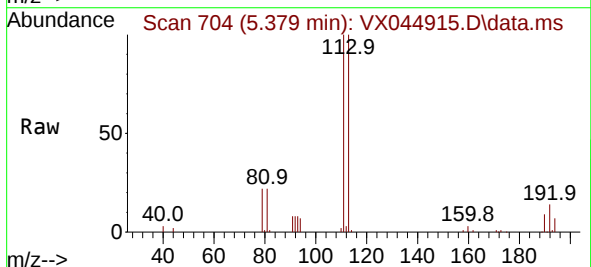
Instrument :
MSVOA_X
ClientSampleId :

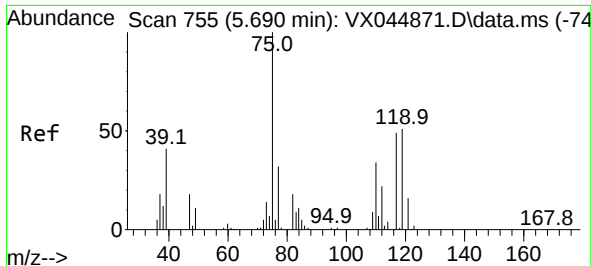
Tgt Ion:114 Resp: 184452
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.379 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044915.D
Acq: 11 Feb 2025 18:42

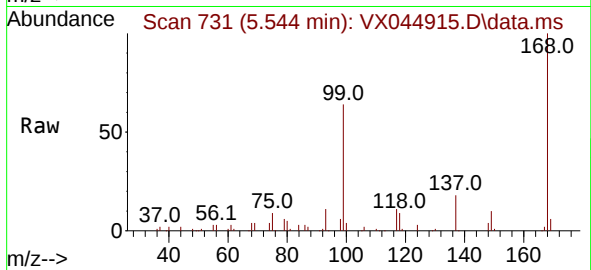
Tgt Ion:113 Resp: 59218
Ion Ratio Lower Upper
113 100
111 103.4 83.5 125.3
192 17.6 14.4 21.6



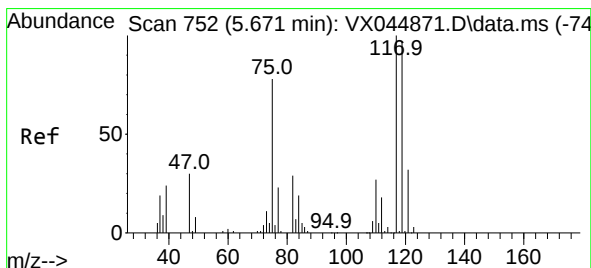
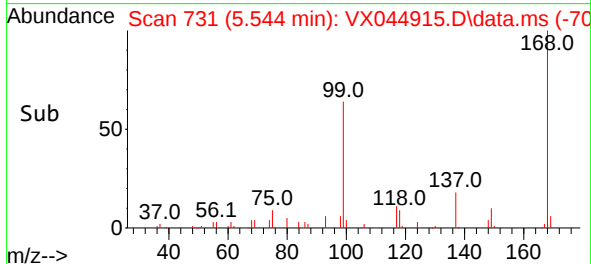
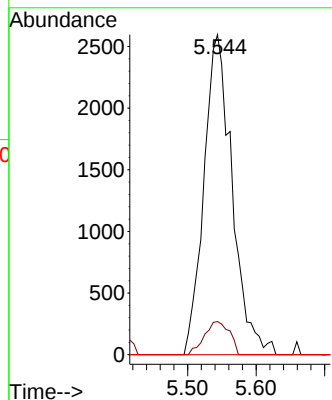


#36
1,1-Dichloropropene
Concen: 4.293 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX044915.D
Acq: 11 Feb 2025 18:42

Instrument :
MSVOA_X
ClientSampleId :

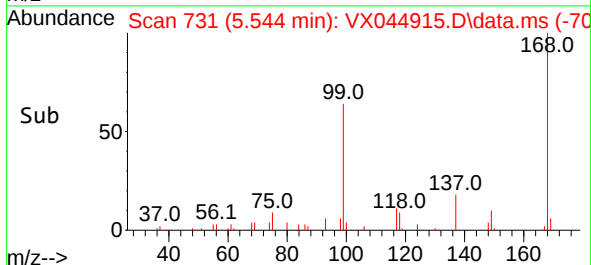
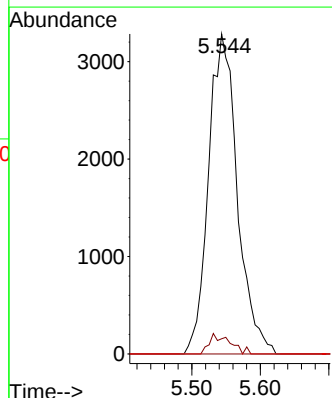
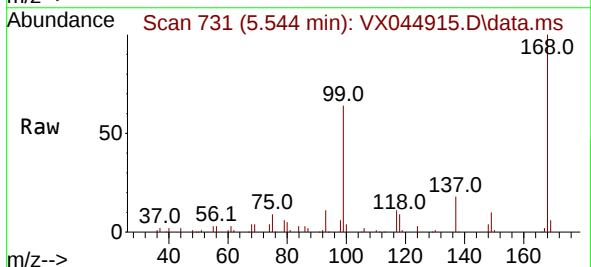


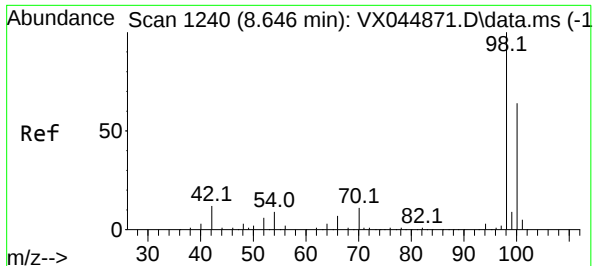
Tgt Ion: 75 Resp: 7428
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.656 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044915.D
Acq: 11 Feb 2025 18:42

Tgt Ion: 117 Resp: 9590
Ion Ratio Lower Upper
117 100
119 4.8 77.5 116.3#
121 0.0 25.6 38.4#





#50

Toluene-d8

Concen: 49.629 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044915.D

Acq: 11 Feb 2025 18:42

Instrument :

MSVOA_X

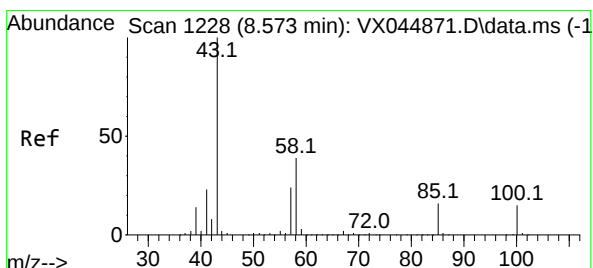
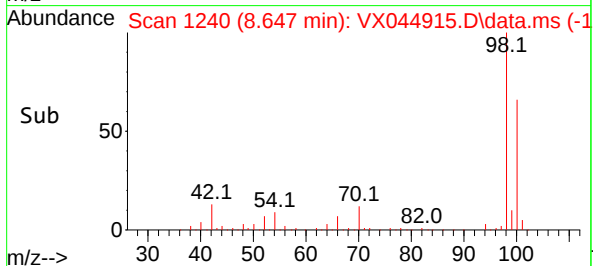
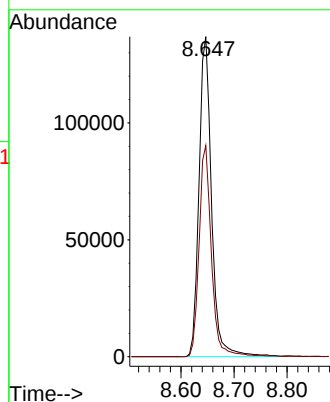
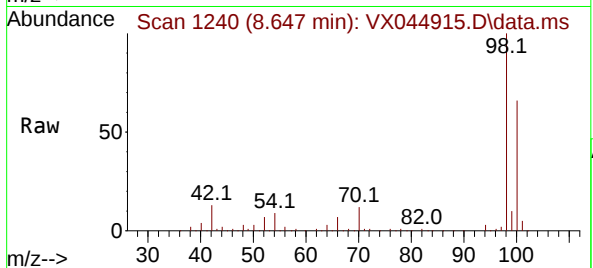
ClientSampleId :

Tgt Ion: 98 Resp: 225061

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 0.572 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX044915.D

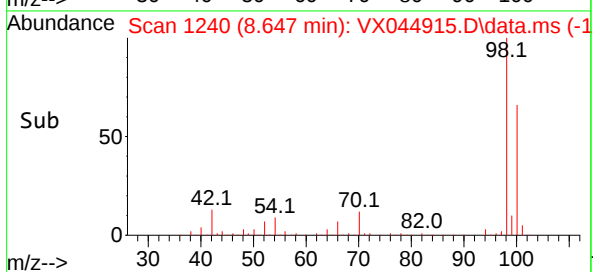
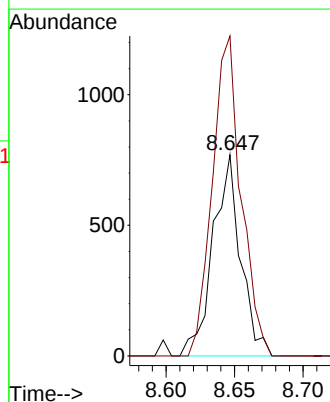
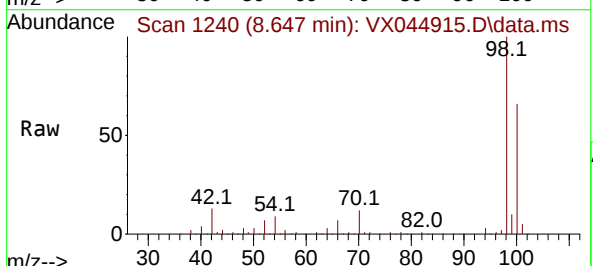
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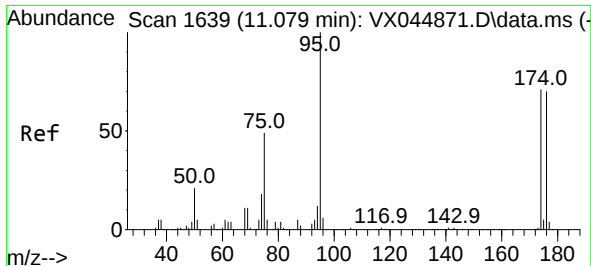
Tgt Ion: 43 Resp: 1081

Ion Ratio Lower Upper

43 100

58 165.5 30.8 46.2#

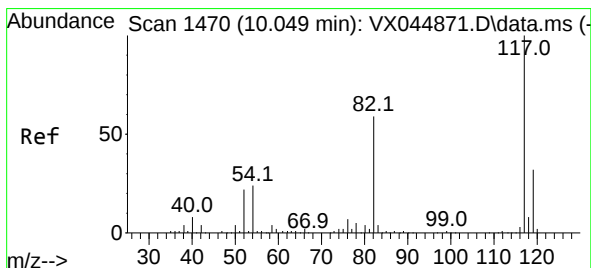
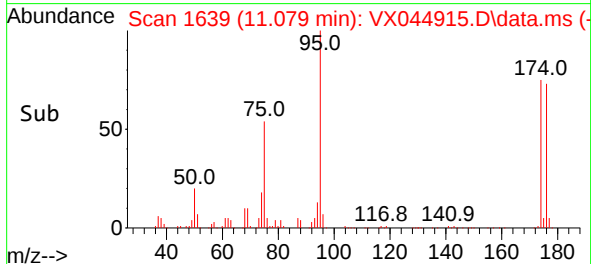
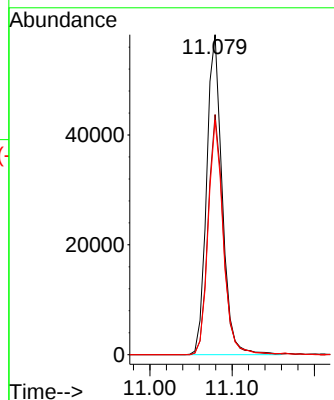
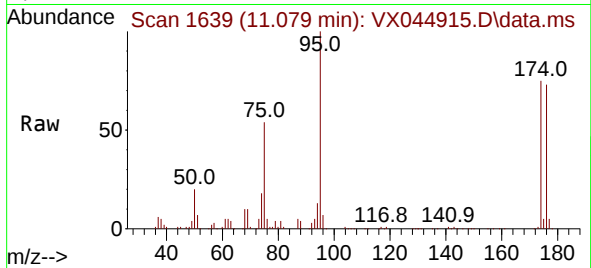




#62
4-Bromofluorobenzene
Concen: 49.994 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044915.D
Acq: 11 Feb 2025 18:42

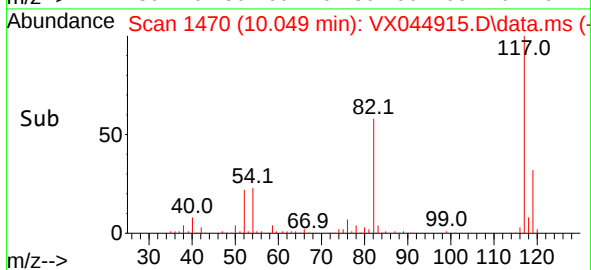
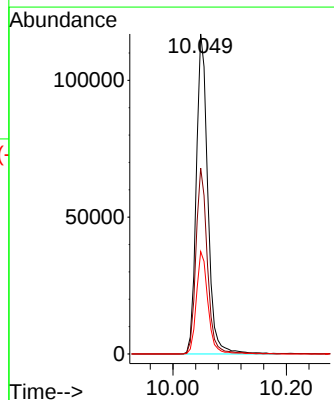
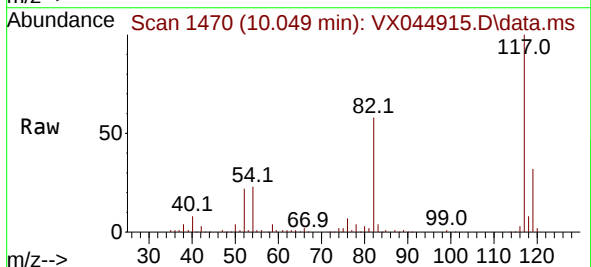
Instrument :
MSVOA_X
ClientSampleId :

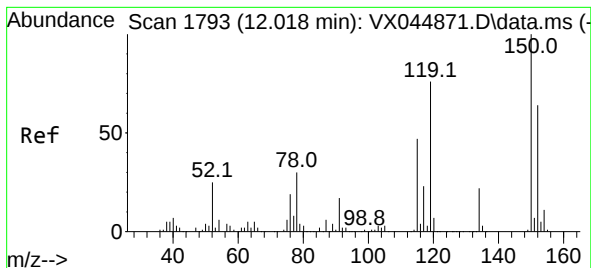
Tgt Ion: 95 Resp: 76430
Ion Ratio Lower Upper
95 100
174 73.4 0.0 142.6
176 71.2 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044915.D
Acq: 11 Feb 2025 18:42

Tgt Ion: 117 Resp: 165045
Ion Ratio Lower Upper
117 100
82 58.1 47.5 71.3
119 32.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044915.D

Acq: 11 Feb 2025 18:42

Instrument :

MSVOA_X

ClientSampleId :

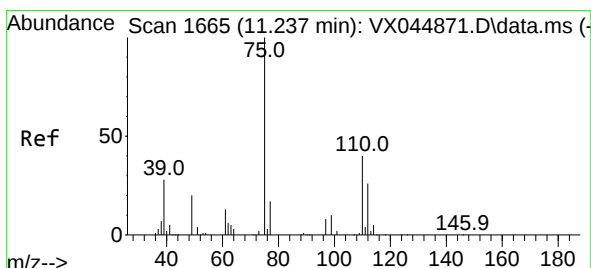
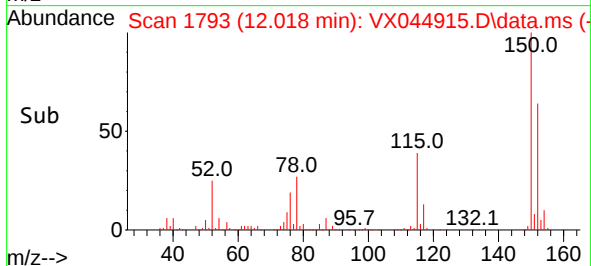
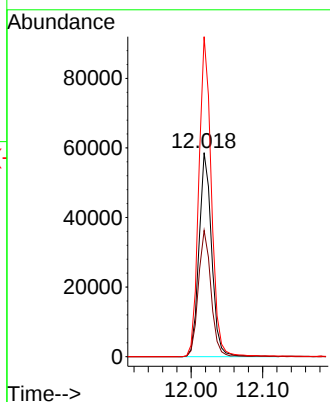
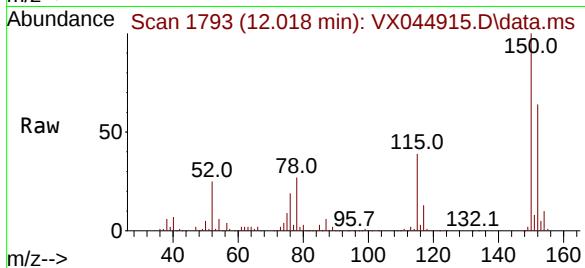
Tgt Ion:152 Resp: 71791

Ion Ratio Lower Upper

152 100

115 62.4 43.4 130.1

150 156.5 0.0 350.4



#76

1,2,3-Trichloropropane

Concen: 25.429 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX044915.D

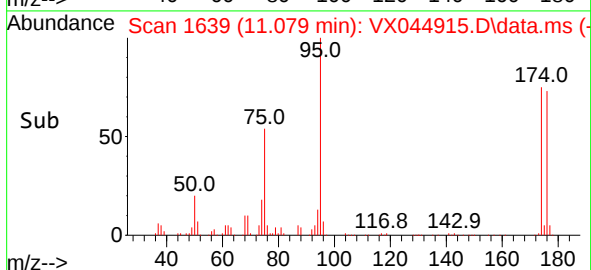
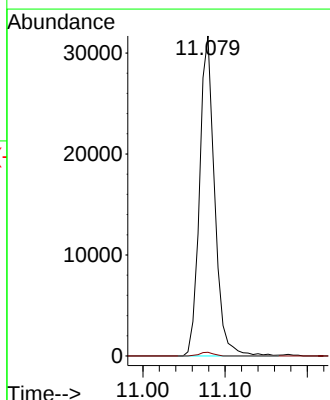
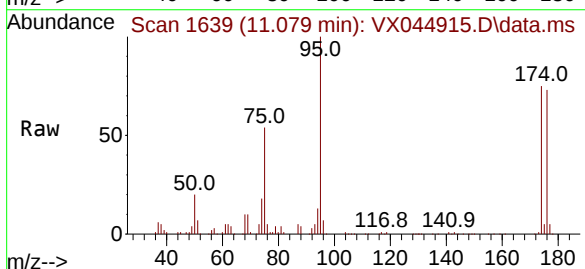
Acq: 11 Feb 2025 18:42

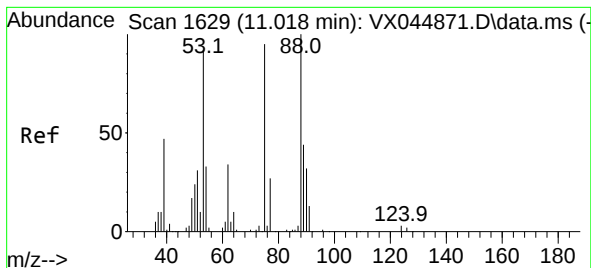
Tgt Ion: 75 Resp: 40475

Ion Ratio Lower Upper

75 100

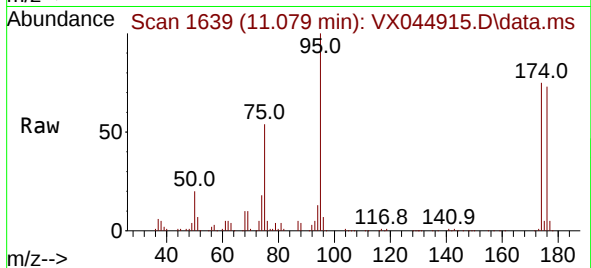
77 1.1 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.412 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044915.D
 Acq: 11 Feb 2025 18:42

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 40475
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#

