

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044966.D
 Acq On : 14 Feb 2025 17:01
 Operator : JC/MD
 Sample : Q1363-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-021125

Quant Time: Feb 14 22:17:16 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)

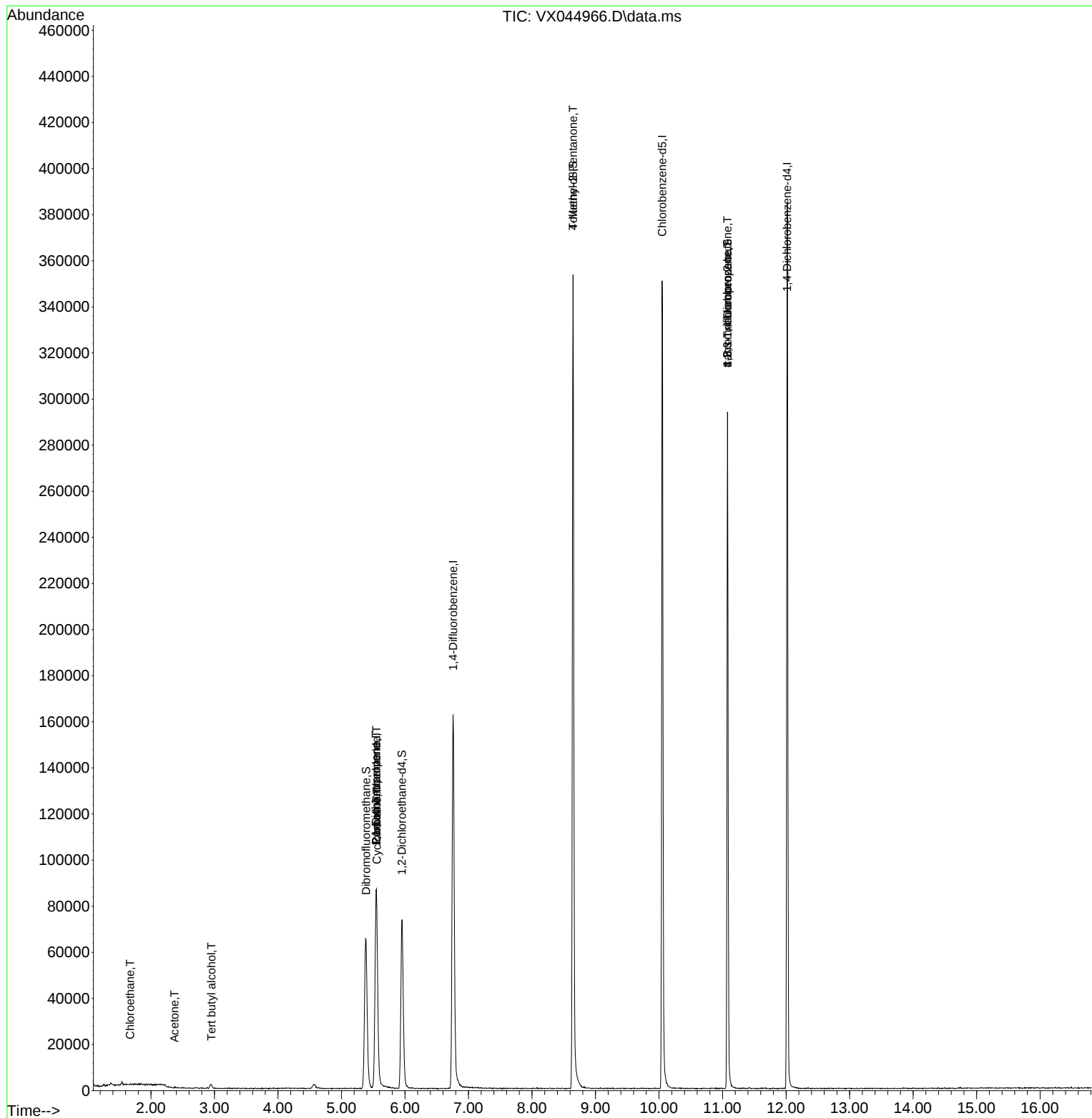
Internal Standards						
1) Pentafluorobenzene	5.550	168	81534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	167151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	161346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69169	57.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.900%	
35) Dibromofluoromethane	5.385	113	57847	53.229	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.460%	
50) Toluene-d8	8.647	98	212595	51.733	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	11.079	95	77009	55.586	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.180%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	124	1.531	ug/l #	42
11) Tert butyl alcohol	2.953	59	970	4.381	ug/l #	73
16) Acetone	2.367	43	270	0.563	ug/l #	42
31) Cyclohexane	5.556	56	2051	1.107	ug/l #	22
36) 1,1-Dichloropropene	5.544	75	7276	4.641	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8831	5.748	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1067	0.623	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41009	24.990	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	41009	64.284	ug/l #	11

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

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MSVOA_X
ClientSampleId :
TB-01-021125

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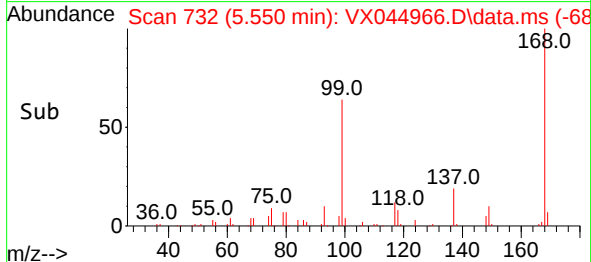
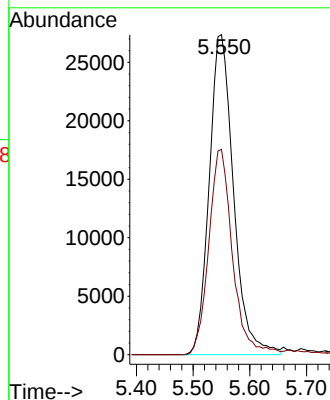
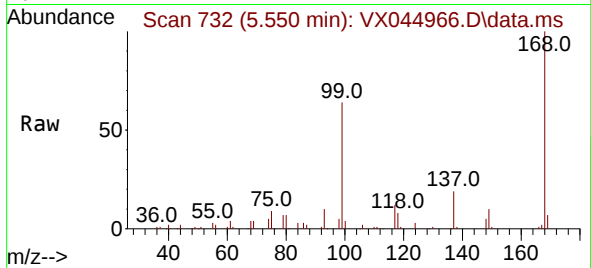




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044966.D
Acq: 14 Feb 2025 17:01

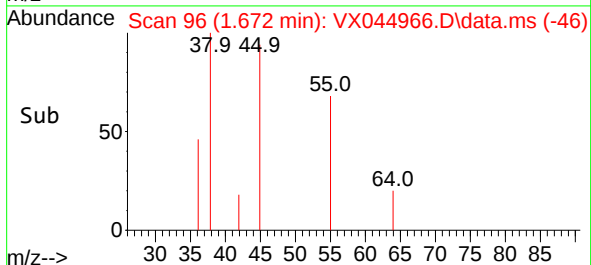
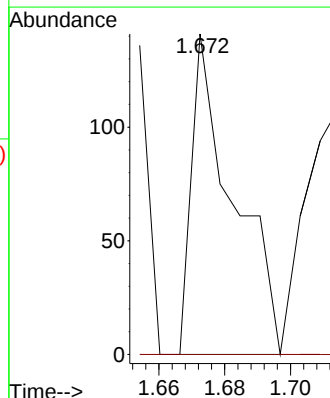
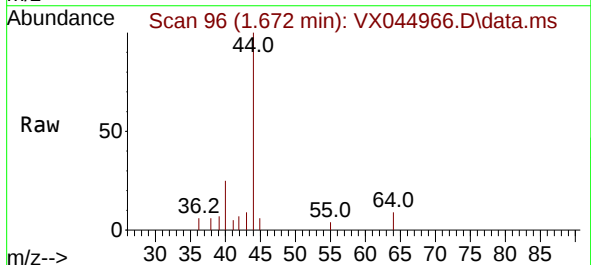
Instrument :
MSVOA_X
ClientSampleId :
TB-01-021125

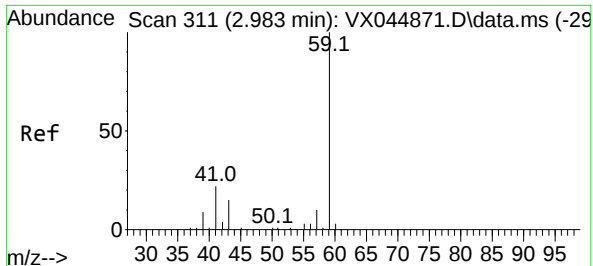
Tgt Ion:168 Resp: 81534
Ion Ratio Lower Upper
168 100
99 64.1 51.2 76.8



#6
Chloroethane
Concen: 1.531 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044966.D
Acq: 14 Feb 2025 17:01

Tgt Ion: 64 Resp: 124
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

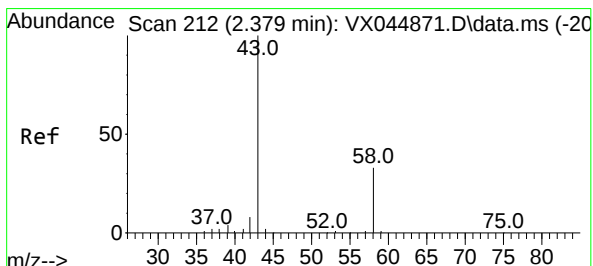
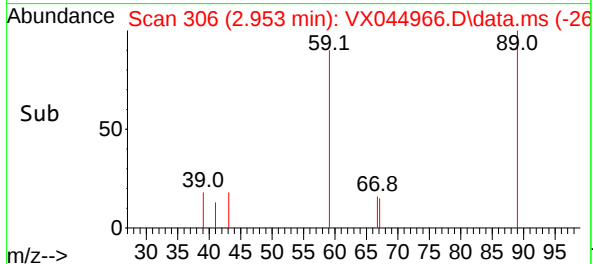
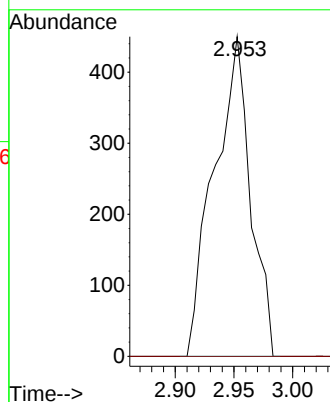
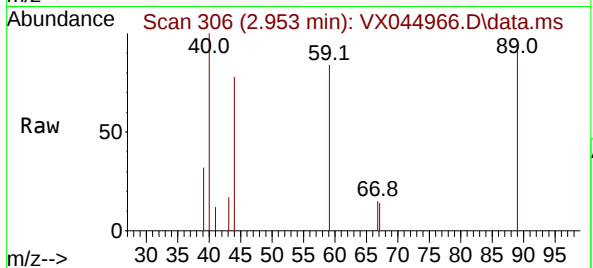




#11
Tert butyl alcohol
Concen: 4.381 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX044966.D
Acq: 14 Feb 2025 17:01

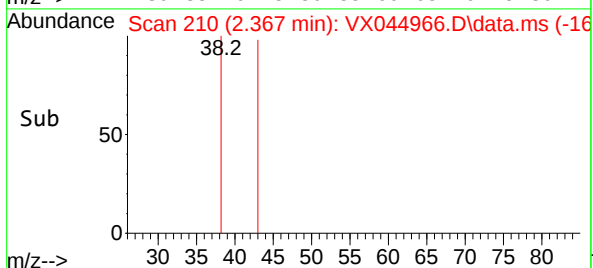
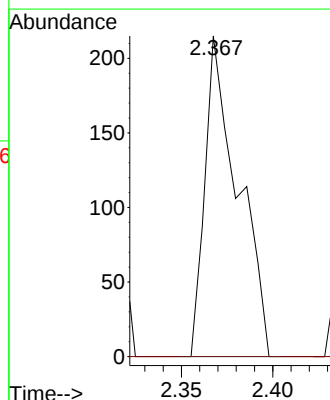
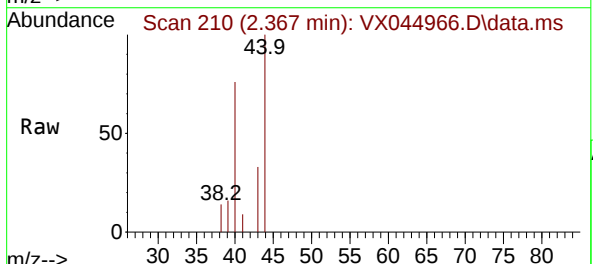
Instrument :
MSVOA_X
ClientSampleId :
TB-01-021125

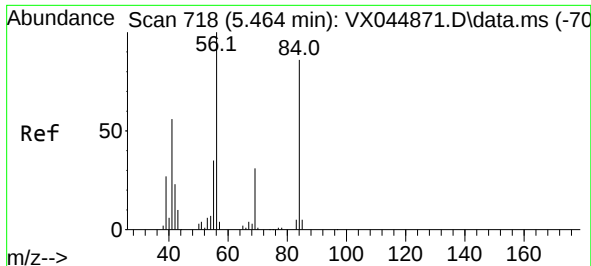
Tgt Ion: 59 Resp: 970
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 0.563 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.012 min
Lab File: VX044966.D
Acq: 14 Feb 2025 17:01

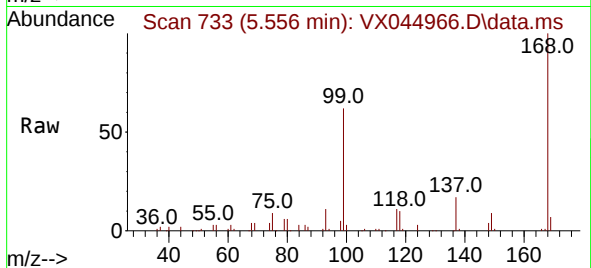
Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#



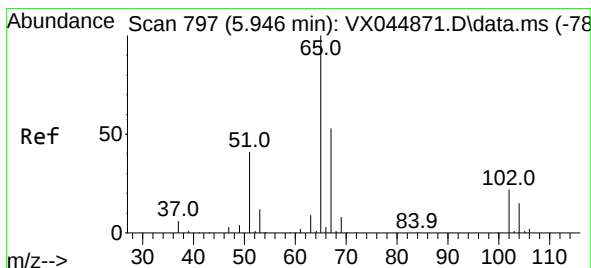
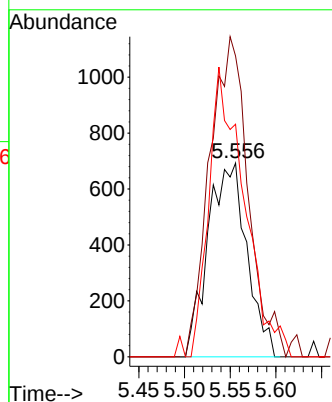
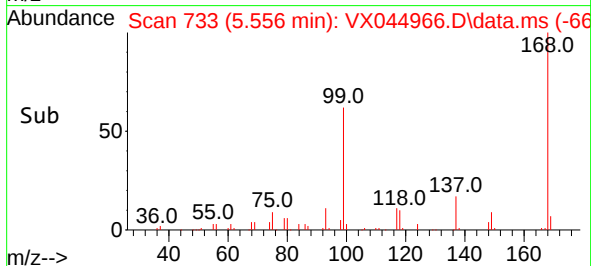


#31
Cyclohexane
Concen: 1.107 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX044966.D
Acq: 14 Feb 2025 17:01

Instrument :
MSVOA_X
ClientSampleId :
TB-01-021125

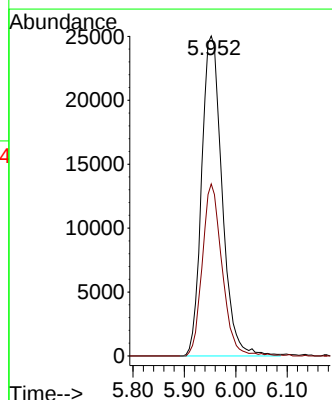
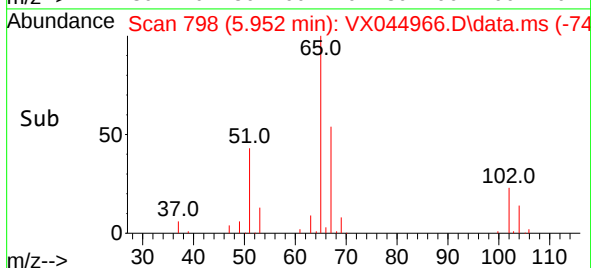
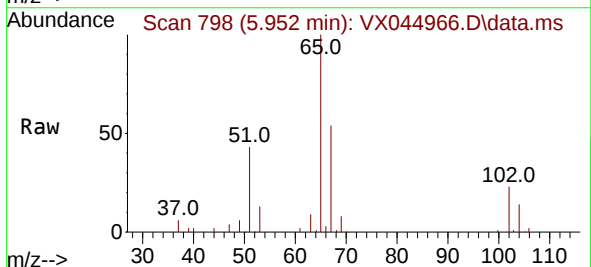


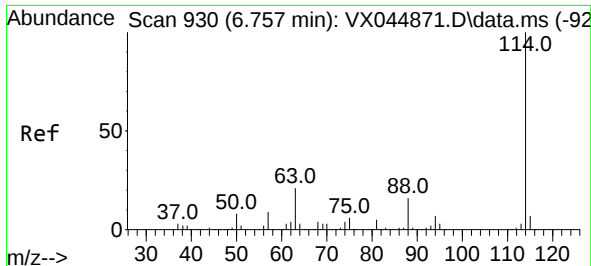
Tgt Ion: 56 Resp: 2051
Ion Ratio Lower Upper
56 100
69 155.3 24.4 36.6#
84 109.5 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 57.954 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044966.D
Acq: 14 Feb 2025 17:01

Tgt Ion: 65 Resp: 69169
Ion Ratio Lower Upper
65 100
67 52.0 0.0 108.2

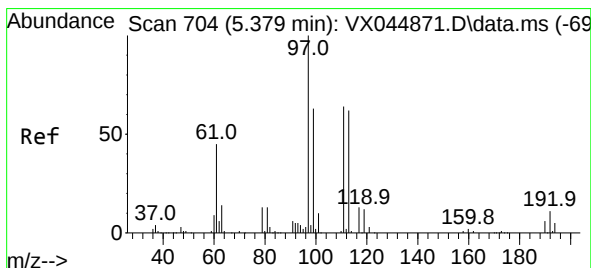
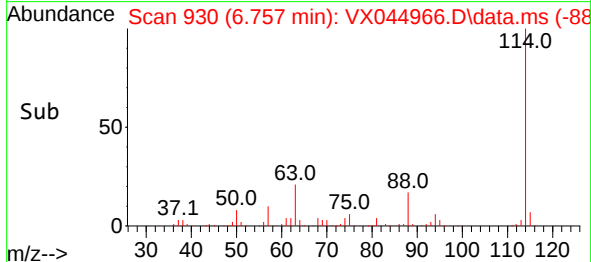
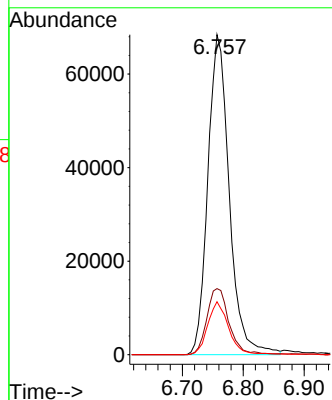
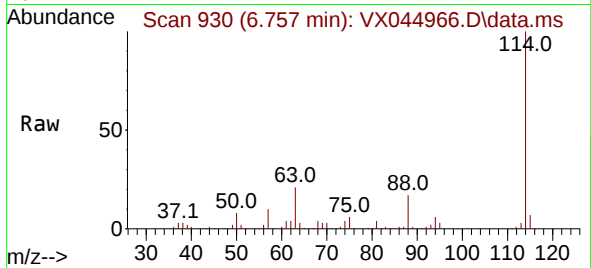




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044966.D
Acq: 14 Feb 2025 17:01

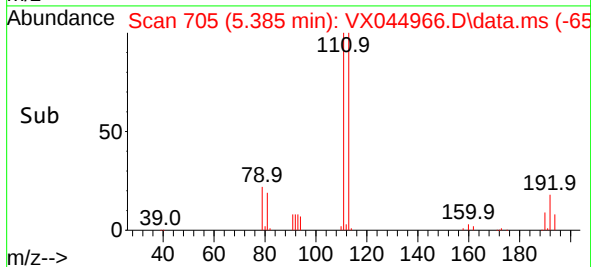
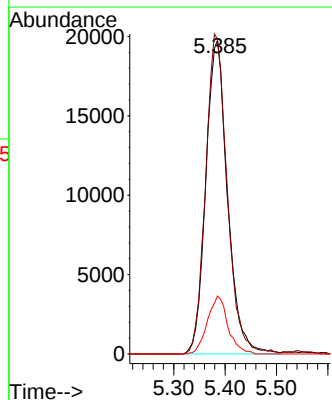
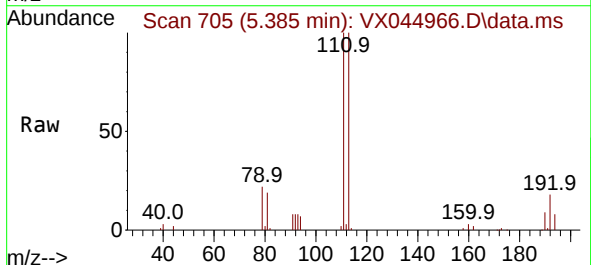
Instrument :
MSVOA_X
ClientSampleId :
TB-01-021125

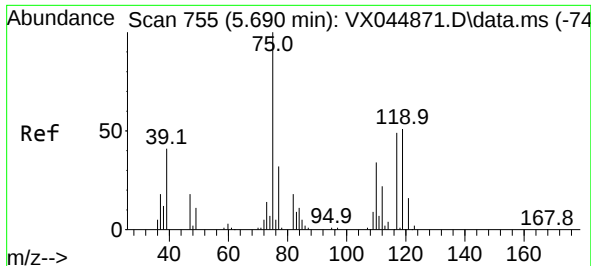
Tgt Ion:114 Resp: 167151
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.229 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044966.D
Acq: 14 Feb 2025 17:01

Tgt Ion:113 Resp: 57847
Ion Ratio Lower Upper
113 100
111 101.9 83.5 125.3
192 17.5 14.4 21.6

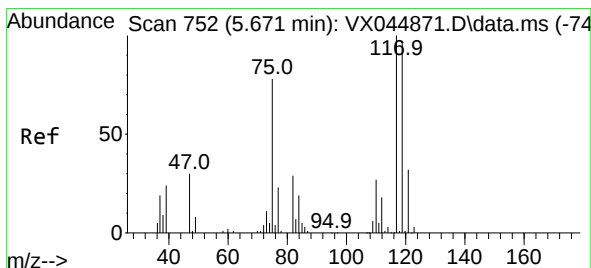
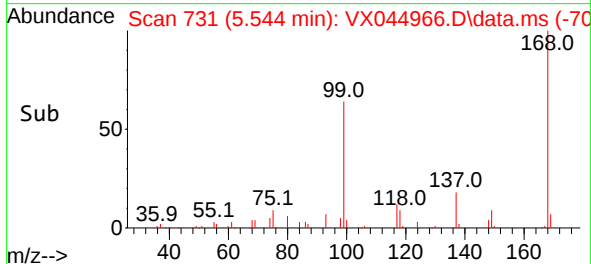
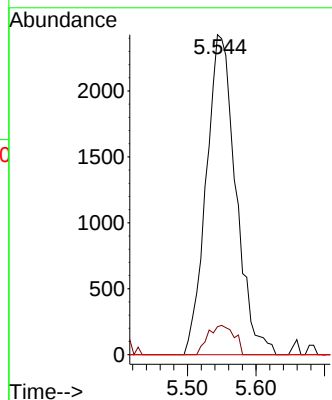
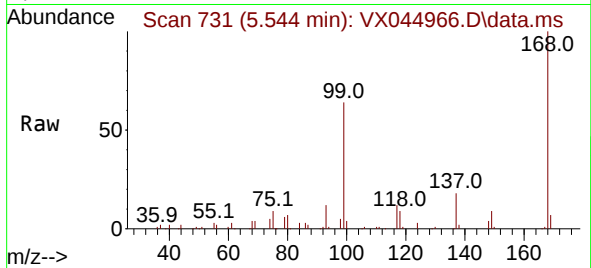




#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044966.D
Acq: 14 Feb 2025 17:01

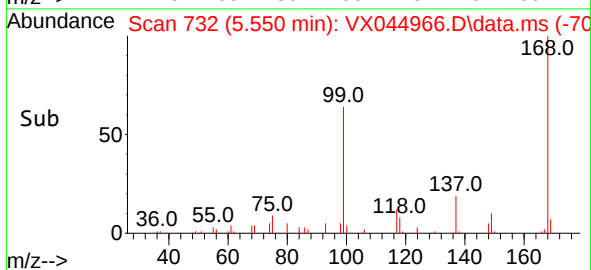
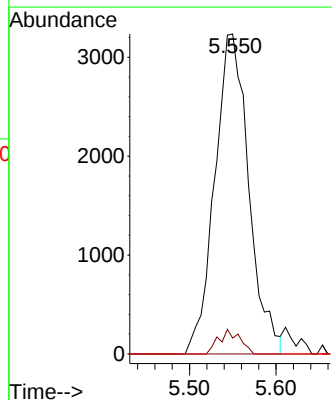
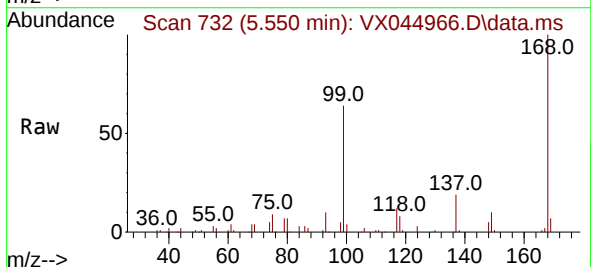
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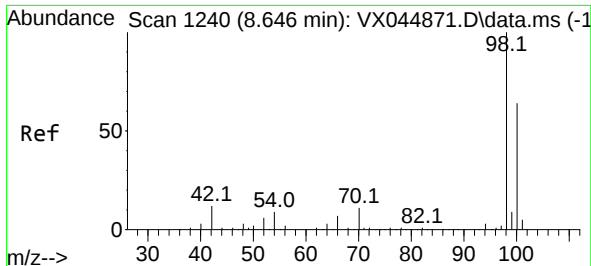
Tgt Ion: 75 Resp: 7276
Ion Ratio Lower Upper
75 100
110 8.1 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.748 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044966.D
Acq: 14 Feb 2025 17:01

Tgt Ion: 117 Resp: 8831
Ion Ratio Lower Upper
117 100
119 4.9 77.5 116.3#
121 0.0 25.6 38.4#





#50

Toluene-d8

Concen: 51.733 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044966.D

Acq: 14 Feb 2025 17:01

Instrument :

MSVOA_X

ClientSampleId :

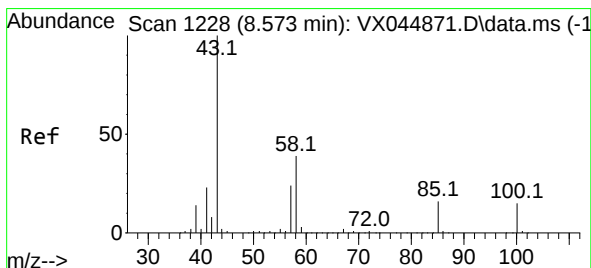
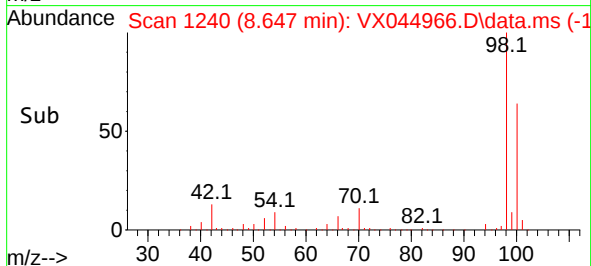
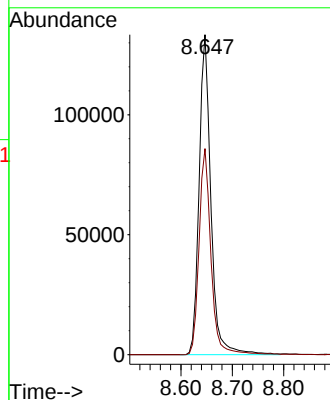
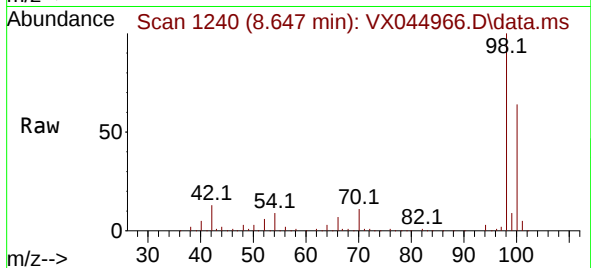
TB-01-021125

Tgt Ion: 98 Resp: 212595

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 0.623 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX044966.D

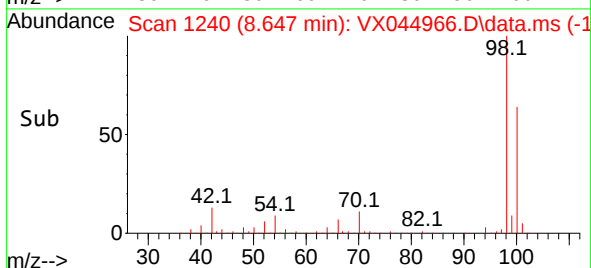
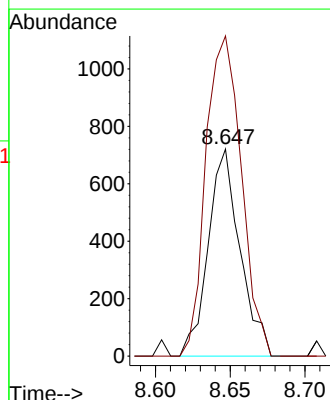
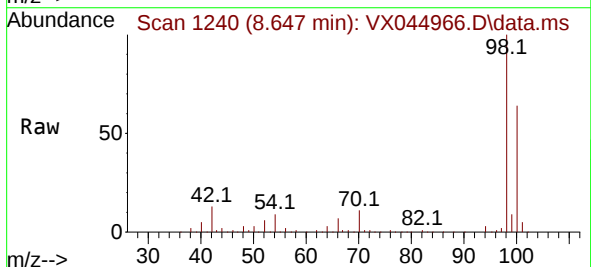
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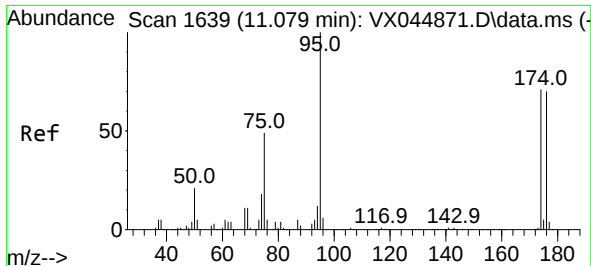
Tgt Ion: 43 Resp: 1067

Ion Ratio Lower Upper

43 100

58 172.6 30.8 46.2#

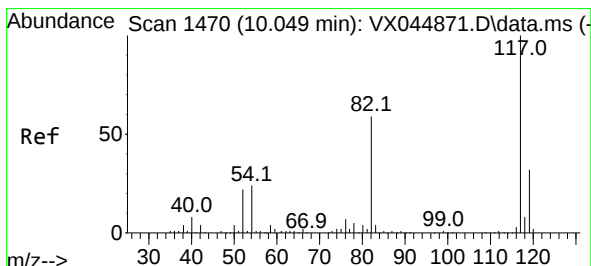
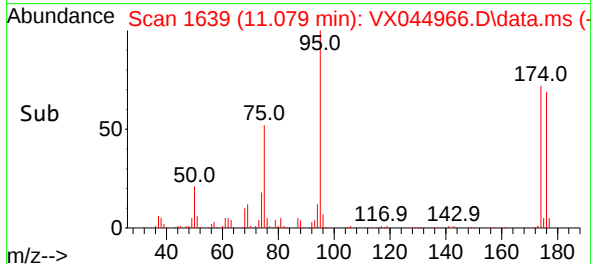
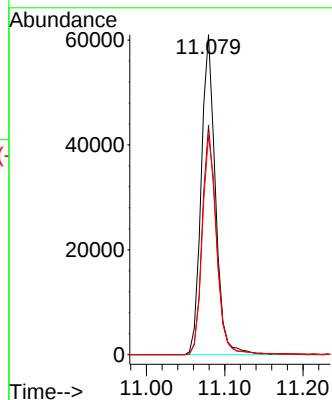
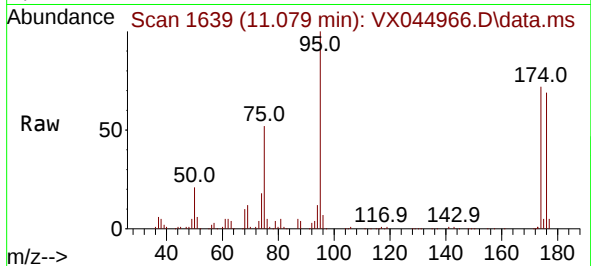




#62
4-Bromofluorobenzene
Concen: 55.586 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044966.D
Acq: 14 Feb 2025 17:01

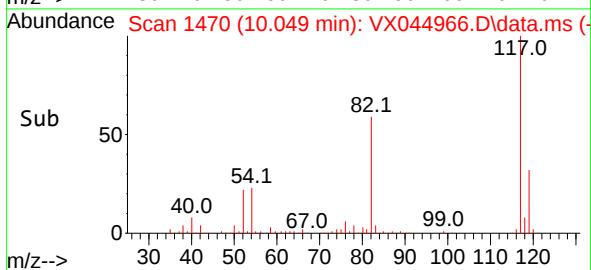
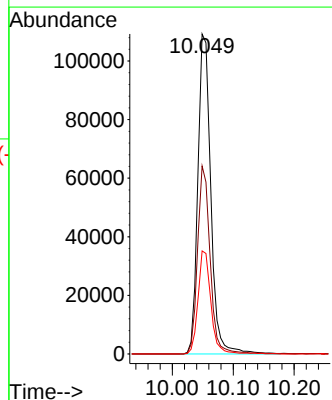
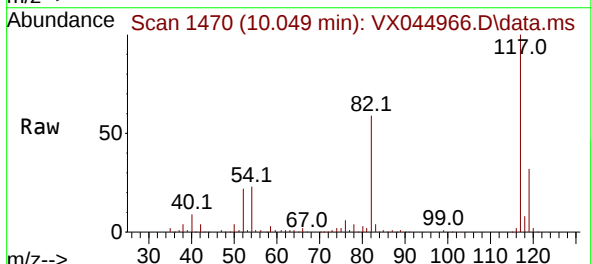
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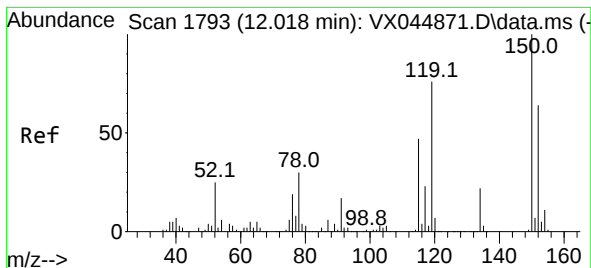
Tgt Ion: 95 Resp: 77009
Ion Ratio Lower Upper
95 100
174 71.2 0.0 142.6
176 69.7 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044966.D
Acq: 14 Feb 2025 17:01

Tgt Ion: 117 Resp: 161346
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 32.2 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: VX044966.D

Acq: 14 Feb 2025 17:01

Instrument :

MSVOA_X

ClientSampleId :

TB-01-021125

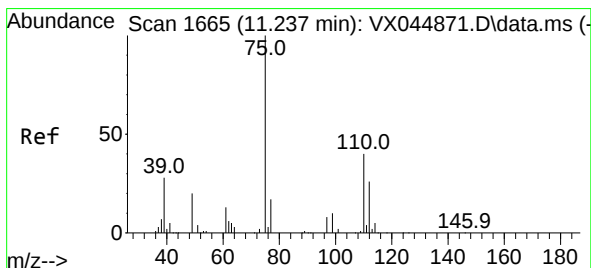
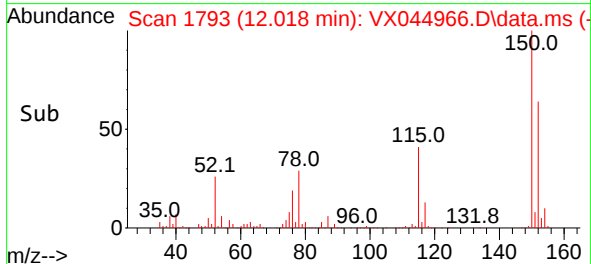
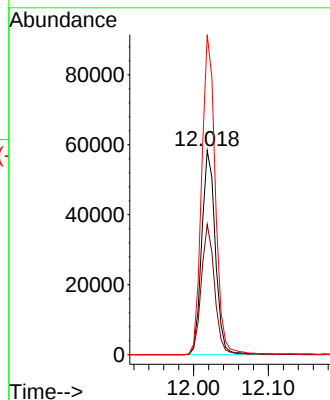
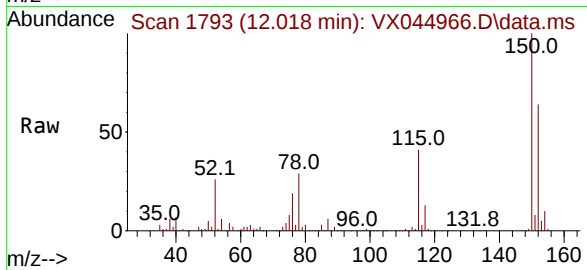
Tgt Ion:152 Resp: 74015

Ion Ratio Lower Upper

152 100

115 62.2 43.4 130.1

150 156.5 0.0 350.4



#76

1,2,3-Trichloropropane

Concen: 24.990 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX044966.D

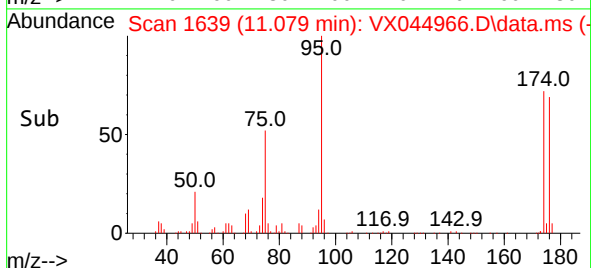
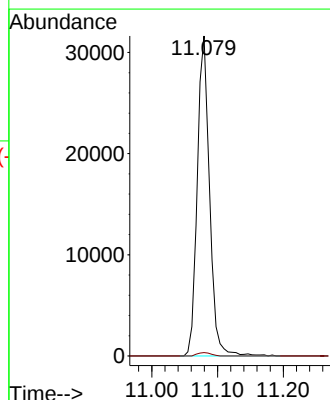
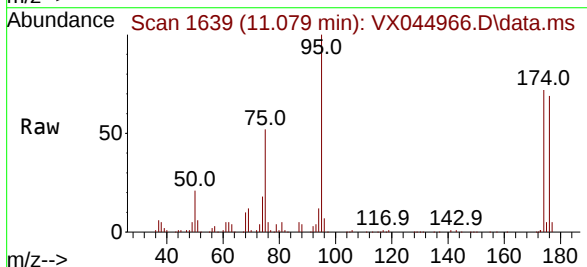
Acq: 14 Feb 2025 17:01

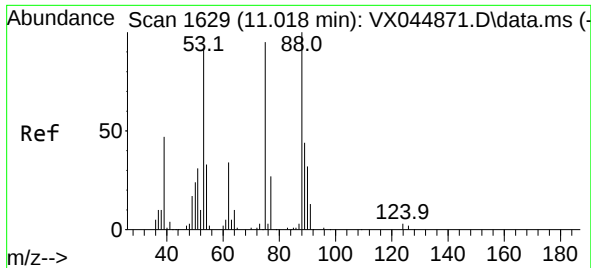
Tgt Ion: 75 Resp: 41009

Ion Ratio Lower Upper

75 100

77 1.1 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.284 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044966.D
 Acq: 14 Feb 2025 17:01

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-021125

Tgt Ion: 75 Resp: 41009
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#

