

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012424\
 Data File : VX039932.D
 Acq On : 24 Jan 2024 13:29
 Operator : JC/MD
 Sample : P1237-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Jan 25 01:38:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

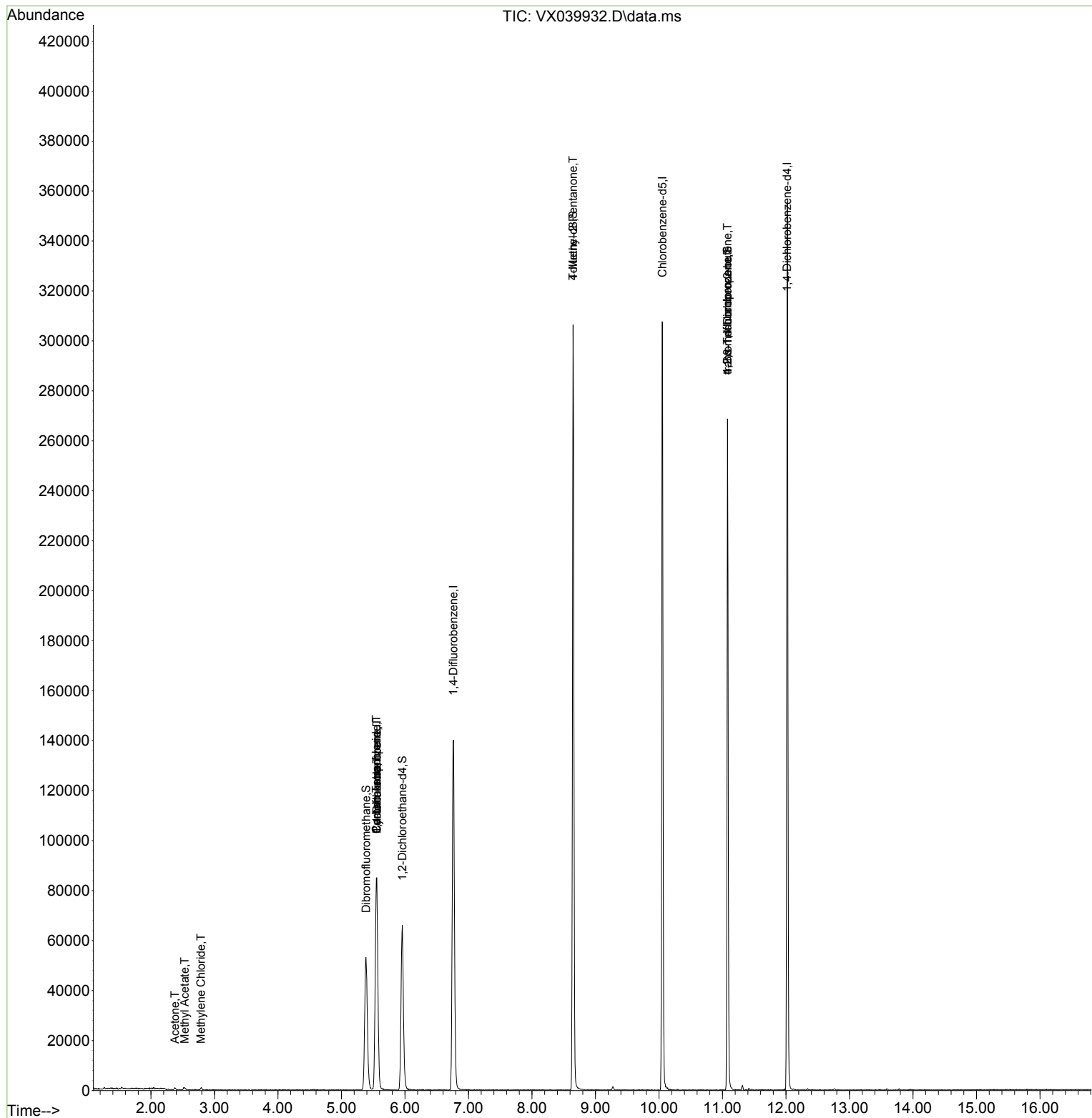
Internal Standards						
1) Pentafluorobenzene	5.556	168	76410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62924	49.160	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.320%
35) Dibromofluoromethane	5.385	113	46106	49.417	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.840%
50) Toluene-d8	8.647	98	168815	47.974	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.940%
62) 4-Bromofluorobenzene	11.079	95	68853	50.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	989	1.374	ug/l	99
18) Methyl Acetate	2.532	43	326	0.216	ug/l #	53
20) Methylene Chloride	2.788	84	387	0.355	ug/l #	93
31) Cyclohexane	5.556	56	2247	1.330	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	7153	4.925	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8564	6.439	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	924	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38716	22.380	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	38716	64.824	ug/l #	5

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

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Quant Time: Jan 25 01:38:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

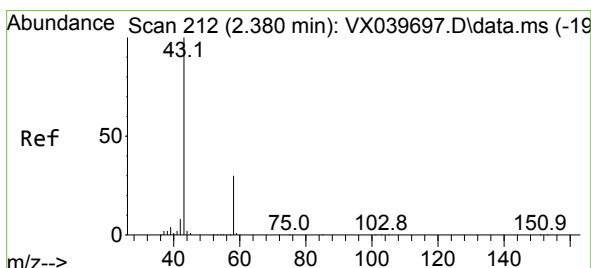
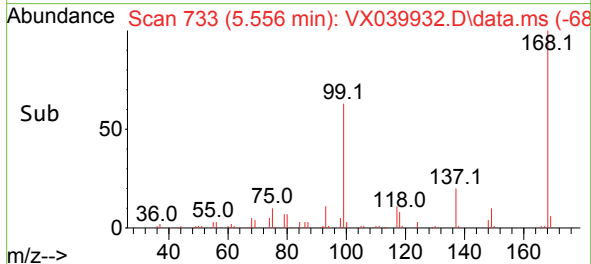
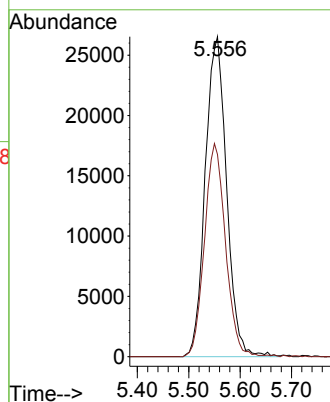
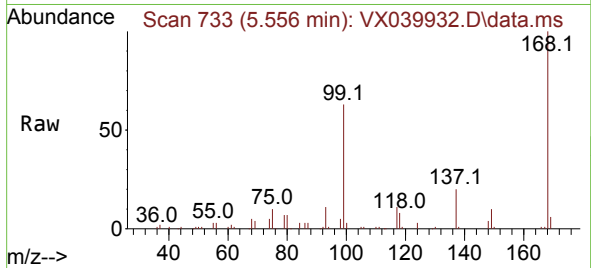




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039932.D
Acq: 24 Jan 2024 13:29

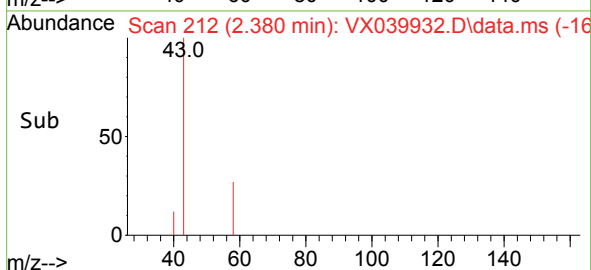
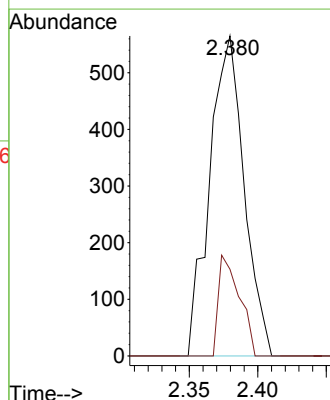
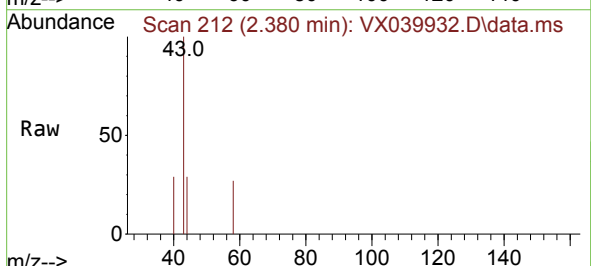
Instrument :
MSVOA_X
ClientSampleId :
TB

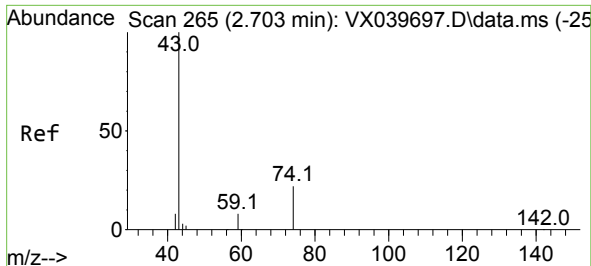
Tgt Ion:168 Resp: 76410
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#16
Acetone
Concen: 1.374 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039932.D
Acq: 24 Jan 2024 13:29

Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
58 27.1 21.9 32.9





#18

Methyl Acetate

Concen: 0.216 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.171 min

Lab File: VX039932.D

Acq: 24 Jan 2024 13:29

Instrument :

MSVOA_X

ClientSampleId :

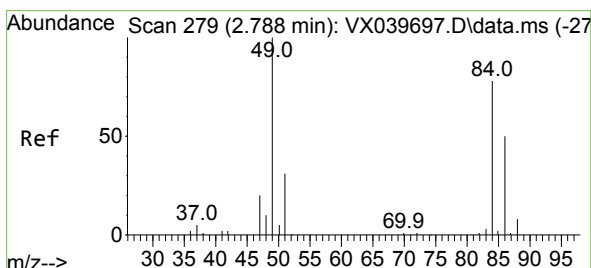
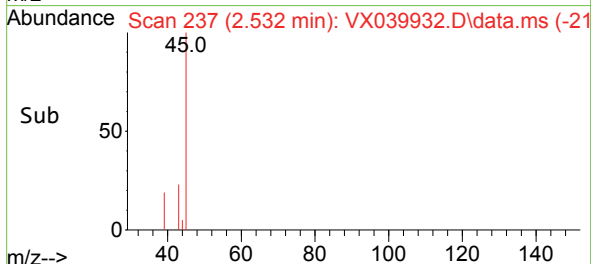
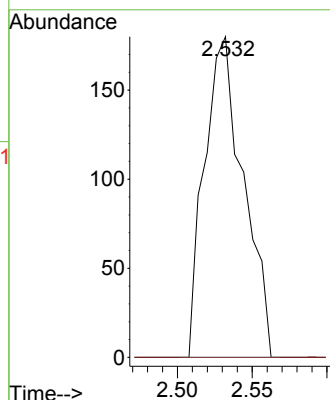
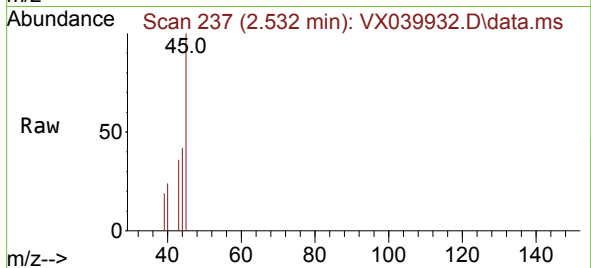
TB

Tgt Ion: 43 Resp: 326

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: 0.355 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039932.D

Acq: 24 Jan 2024 13:29

Tgt Ion: 84 Resp: 387

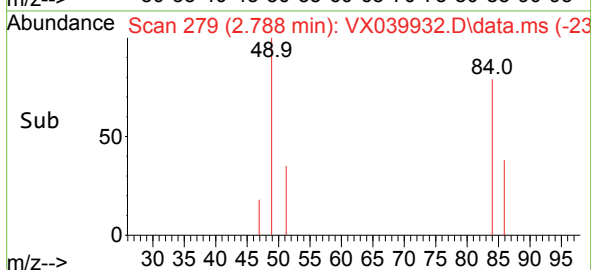
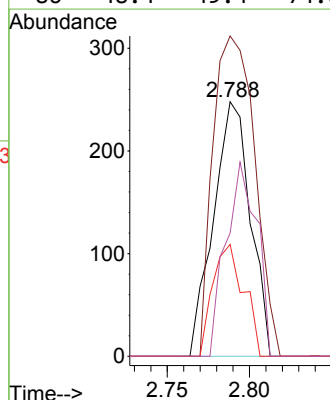
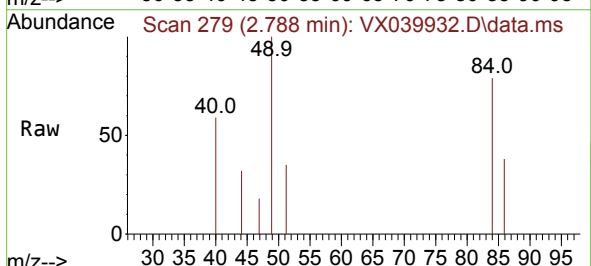
Ion Ratio Lower Upper

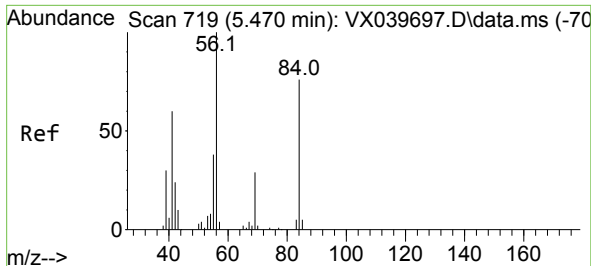
84 100

49 125.8 103.6 155.4

51 44.0 33.8 50.6

86 48.4 49.4 74.0#

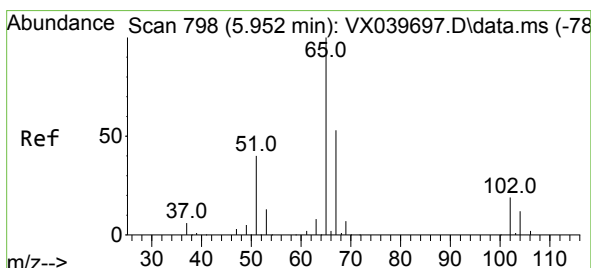
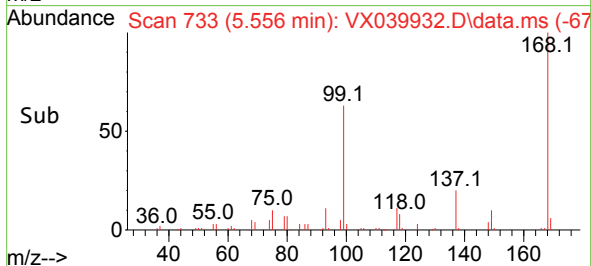
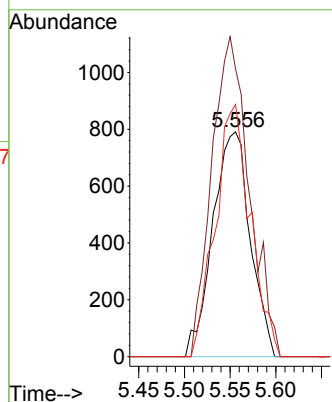
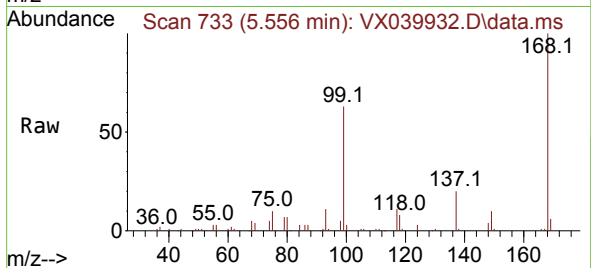




#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX039932.D
Acq: 24 Jan 2024 13:29

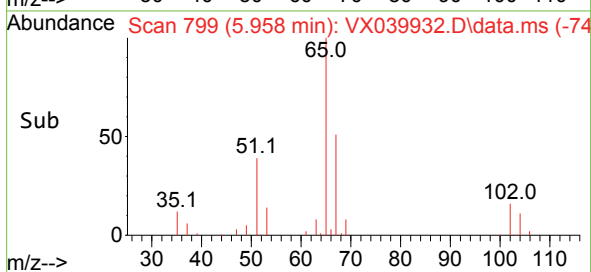
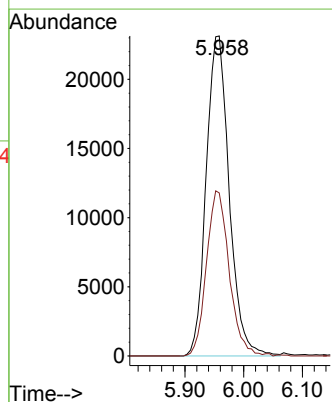
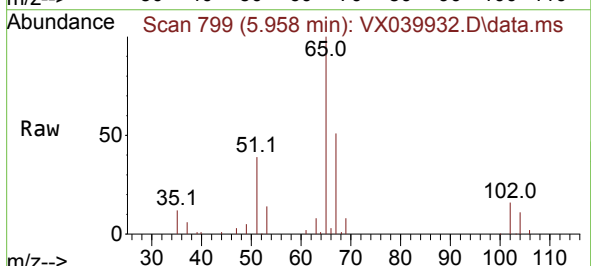
Instrument :
MSVOA_X
ClientSampleId :
TB

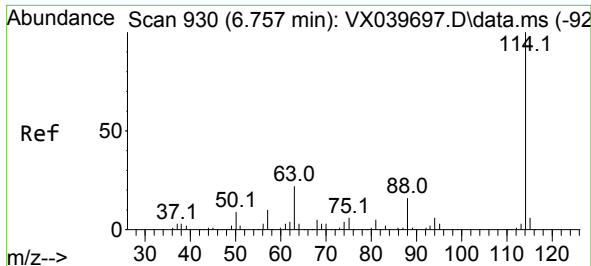
Tgt Ion: 56 Resp: 2247
Ion Ratio Lower Upper
56 100
69 128.1 23.4 35.2#
84 112.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.160 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039932.D
Acq: 24 Jan 2024 13:29

Tgt Ion: 65 Resp: 62924
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX039932.D

Acq: 24 Jan 2024 13:29

Instrument :

MSVOA_X

ClientSampleId :

TB

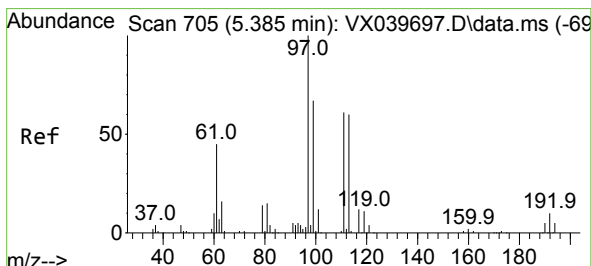
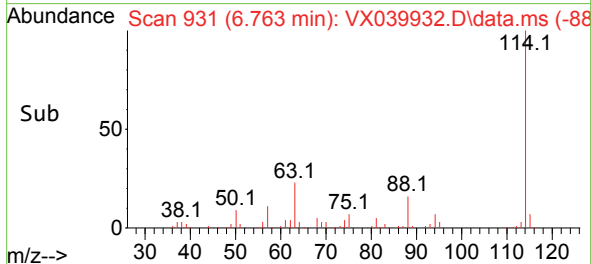
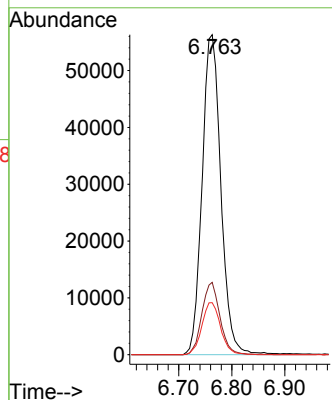
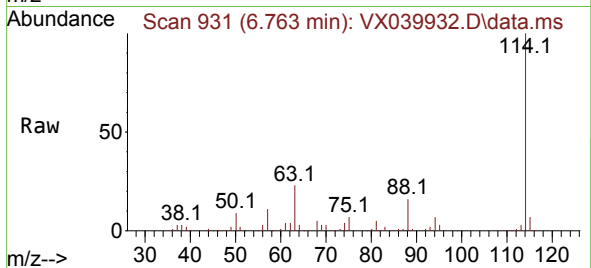
Tgt Ion:114 Resp: 138521

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

88 16.3 0.0 36.6



#35

Dibromofluoromethane

Concen: 49.417 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039932.D

Acq: 24 Jan 2024 13:29

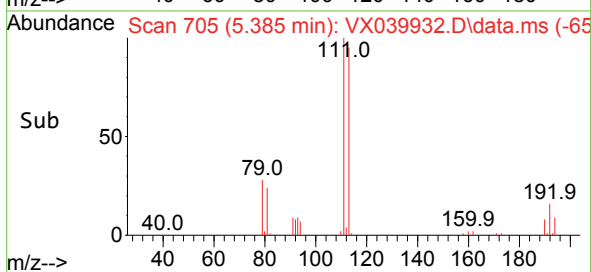
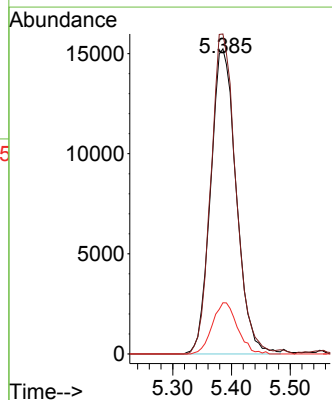
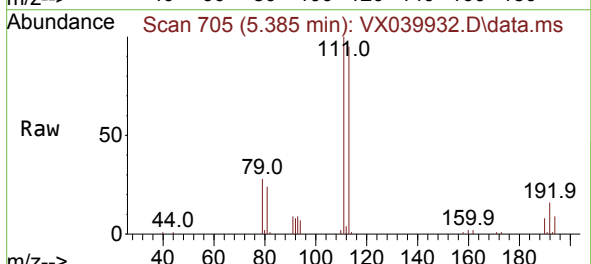
Tgt Ion:113 Resp: 46106

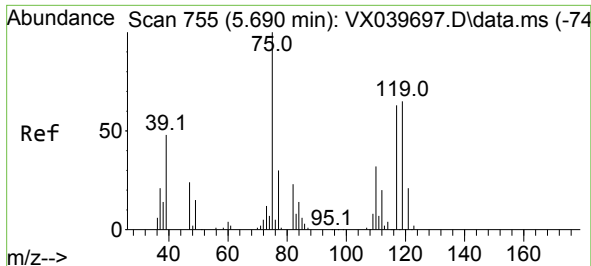
Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 16.5 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.925 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX039932.D

Acq: 24 Jan 2024 13:29

Instrument :

MSVOA_X

ClientSampleId :

TB

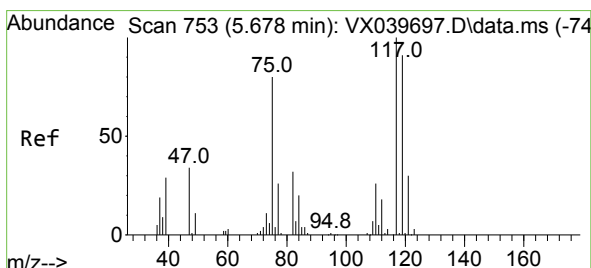
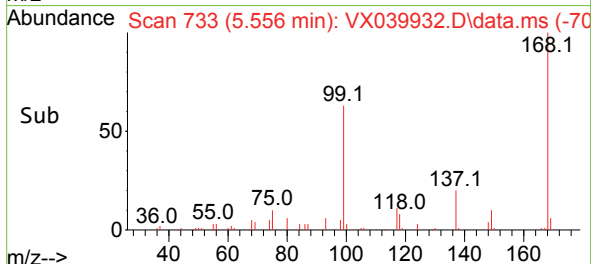
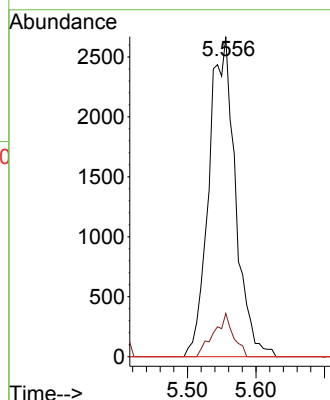
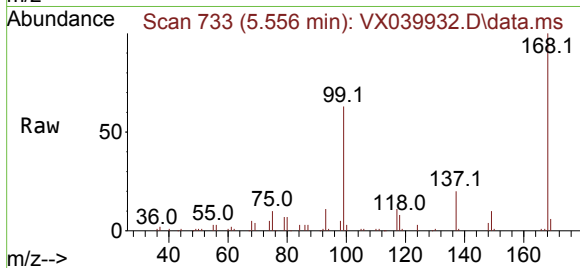
Tgt Ion: 75 Resp: 7153

Ion Ratio Lower Upper

75 100

110 9.9 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.439 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX039932.D

Acq: 24 Jan 2024 13:29

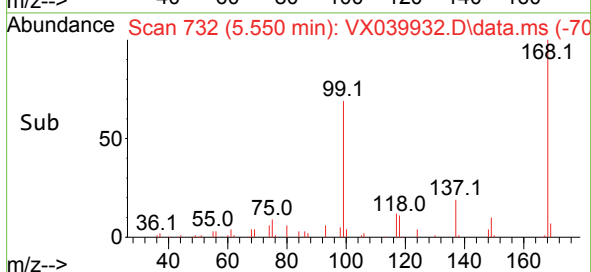
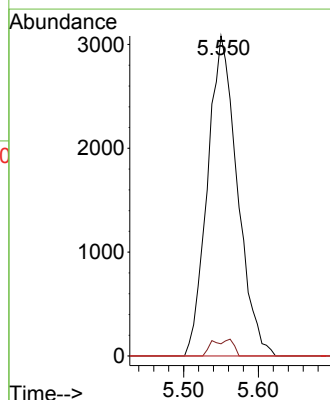
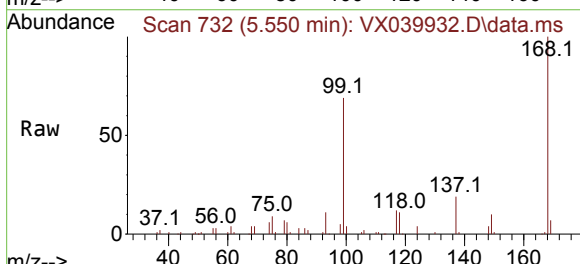
Tgt Ion: 117 Resp: 8564

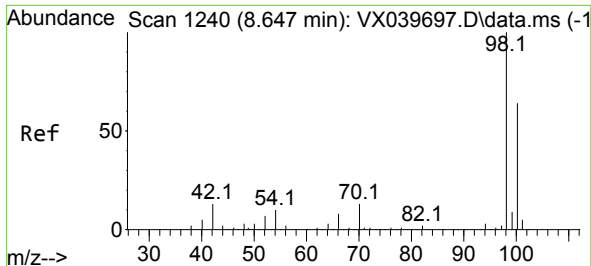
Ion Ratio Lower Upper

117 100

119 3.8 78.2 117.2#

121 0.0 24.4 36.6#

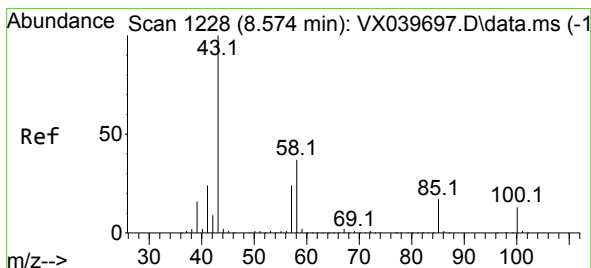
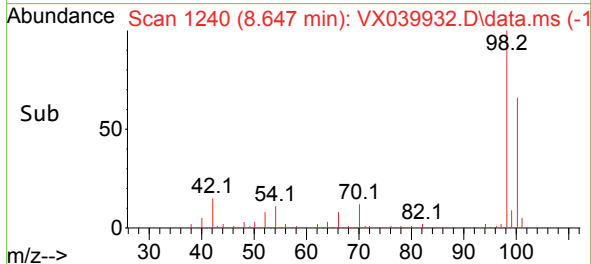
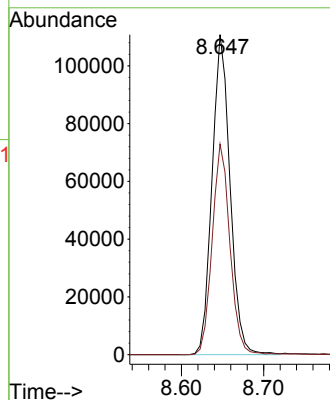
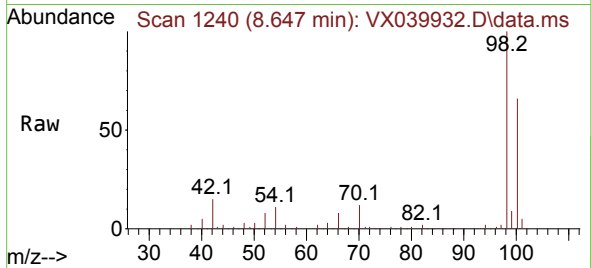




#50
Toluene-d8
Concen: 47.974 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039932.D
Acq: 24 Jan 2024 13:29

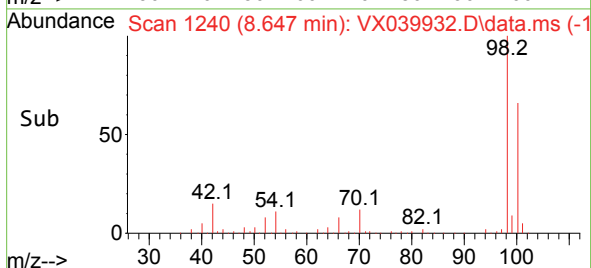
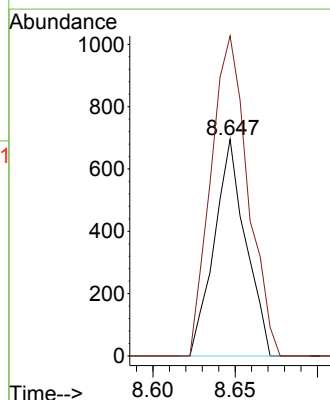
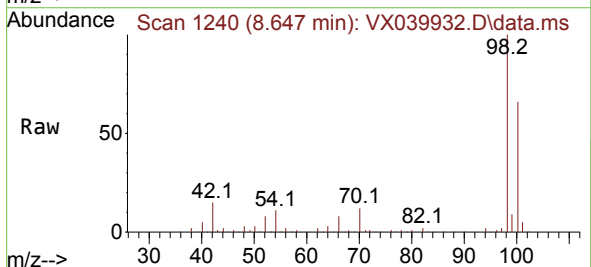
Instrument :
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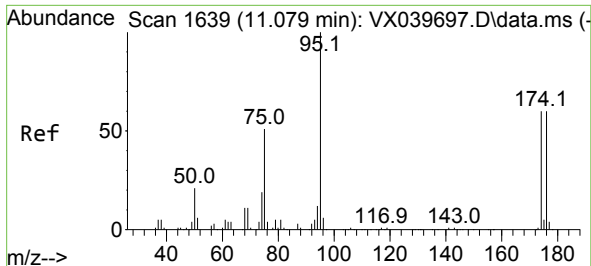
Tgt Ion: 98 Resp: 168815
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039932.D
Acq: 24 Jan 2024 13:29

Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 174.6 30.4 45.6#

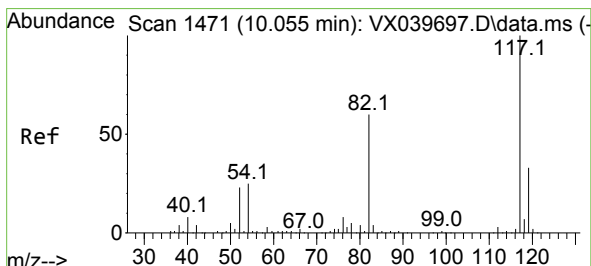
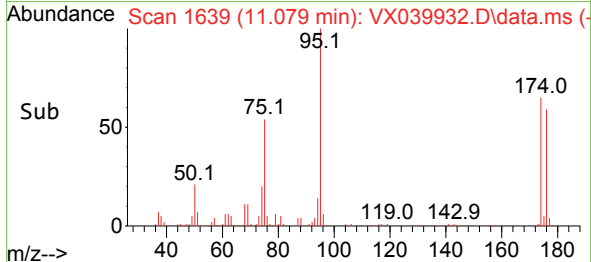
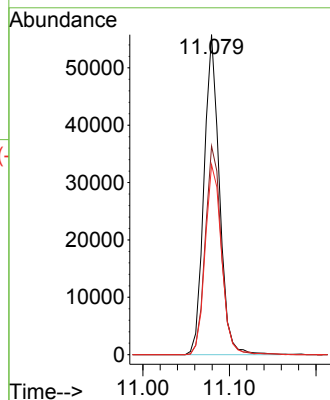
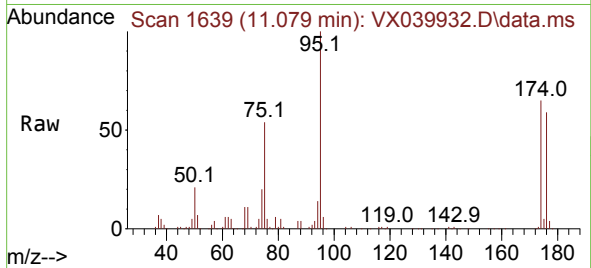




#62
4-Bromofluorobenzene
Concen: 50.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039932.D
Acq: 24 Jan 2024 13:29

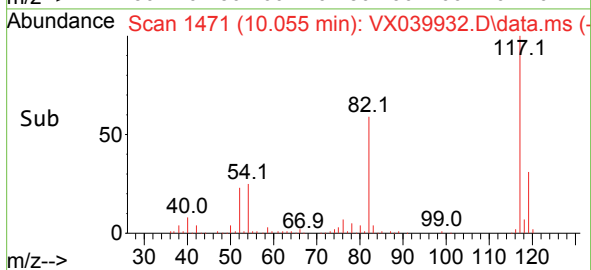
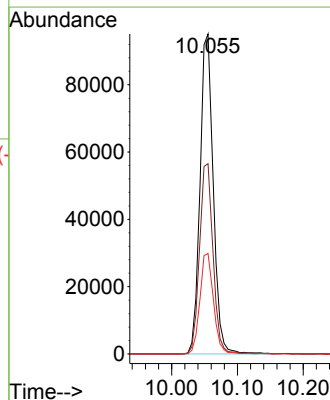
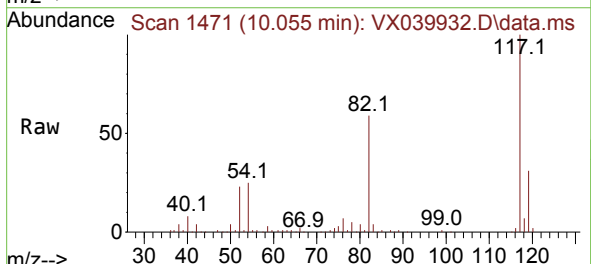
Instrument :
MSVOA_X
ClientSampleId :
TB

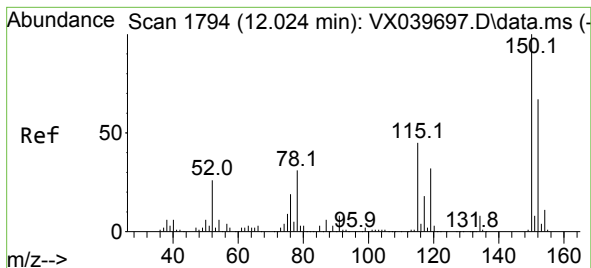
Tgt Ion: 95 Resp: 68853
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.6
176 63.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039932.D
Acq: 24 Jan 2024 13:29

Tgt Ion: 117 Resp: 132902
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039932.D

Acq: 24 Jan 2024 13:29

Instrument :

MSVOA_X

ClientSampleId :

TB

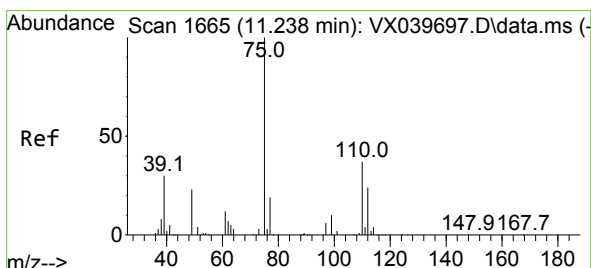
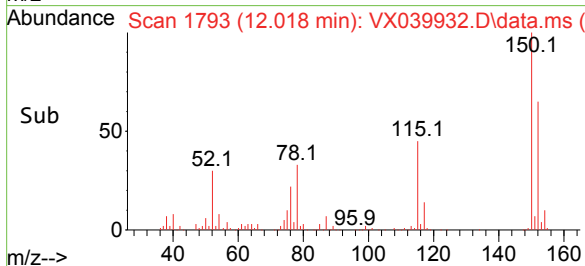
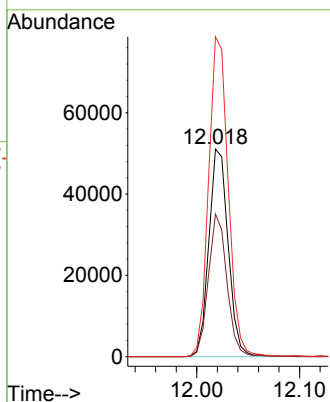
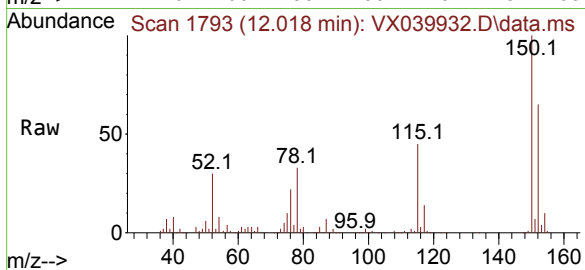
Tgt Ion:152 Resp: 66727

Ion Ratio Lower Upper

152 100

115 66.1 43.3 129.9

150 155.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.380 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039932.D

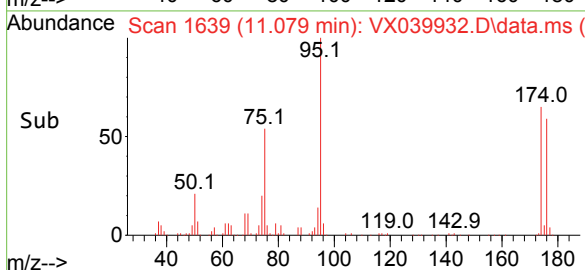
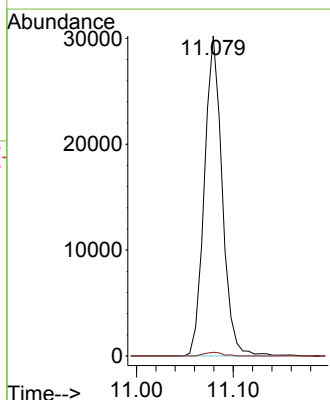
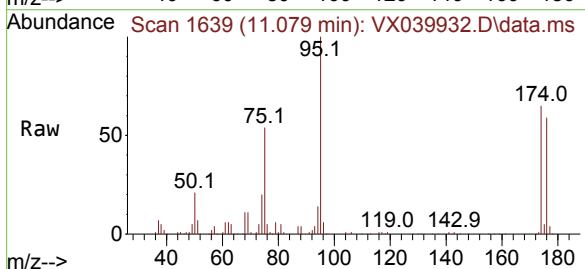
Acq: 24 Jan 2024 13:29

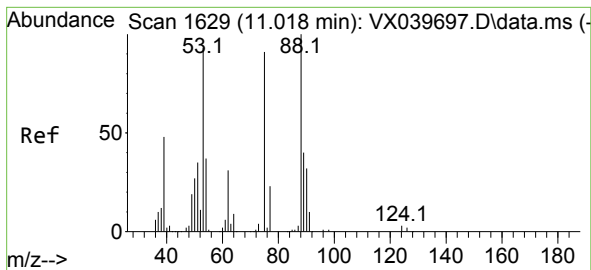
Tgt Ion: 75 Resp: 38716

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.824 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039932.D
 Acq: 24 Jan 2024 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Tgt Ion: 75 Resp: 38716
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

