

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045094.D
 Acq On : 28 Feb 2025 17:17
 Operator : JC/MD
 Sample : Q1469-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Feb 28 23:10:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

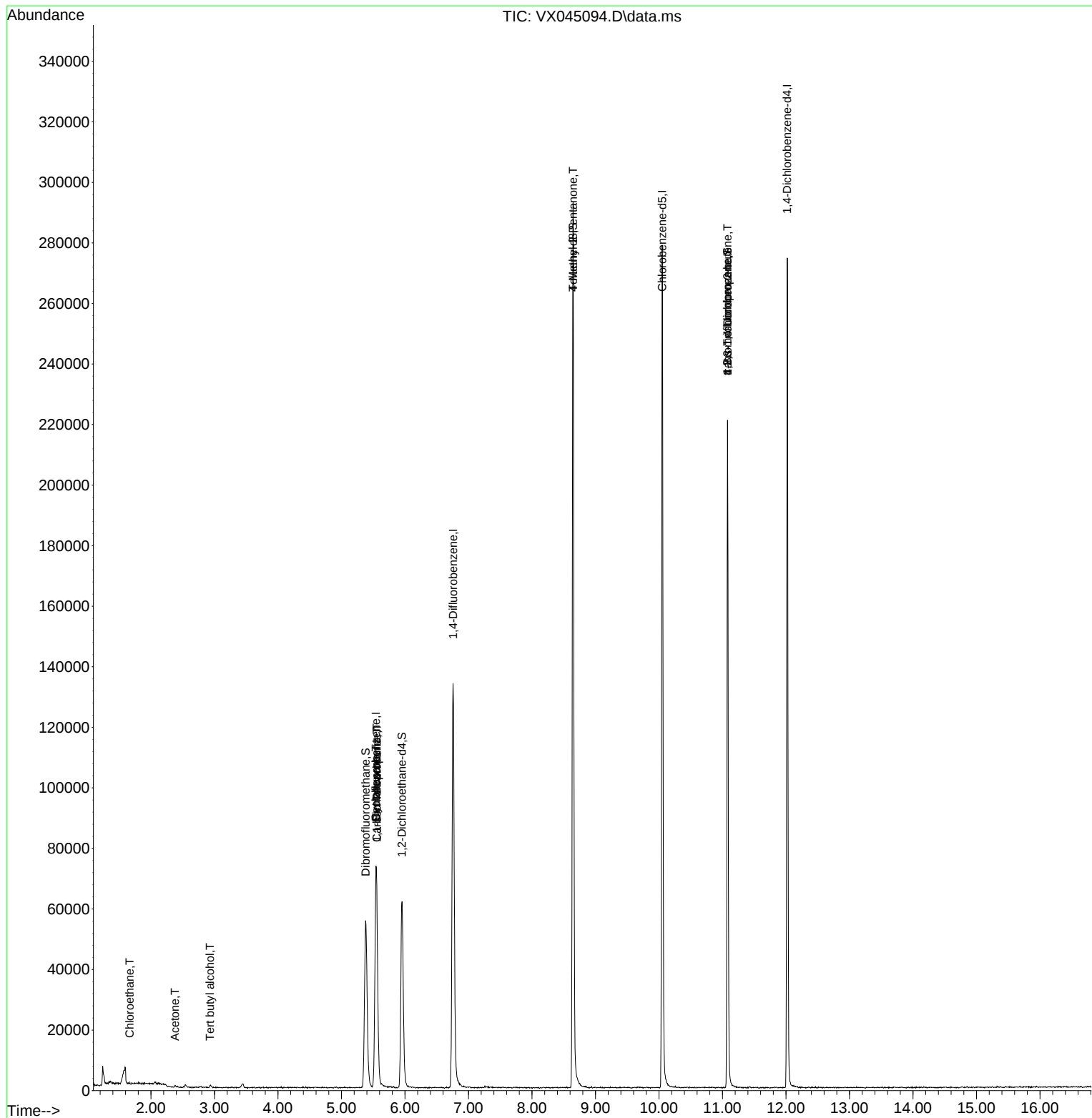
Internal Standards						
1) Pentafluorobenzene	5.544	168	69889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139482	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59030	53.099	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.200%
35) Dibromofluoromethane	5.379	113	47714	51.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.320%
50) Toluene-d8	8.647	98	172838	51.116	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.240%
62) 4-Bromofluorobenzene	11.079	95	58180	51.925	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.860%
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	127	0.258	ug/l #	41
11) Tert butyl alcohol	2.928	59	103	0.489	ug/l #	73
16) Acetone	2.380	43	496	0.962	ug/l #	85
31) Cyclohexane	5.544	56	1718	1.136	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6064	4.741	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7371	5.676	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	863	0.527	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31259	24.733	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31259	84.642	ug/l #	6

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

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ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Feb 28 23:10:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

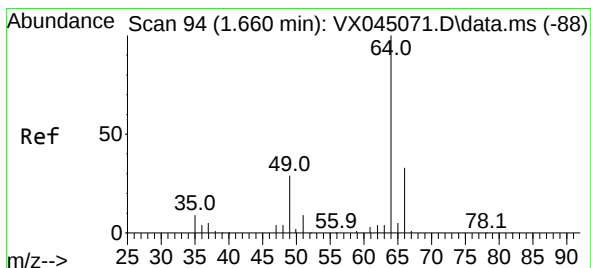
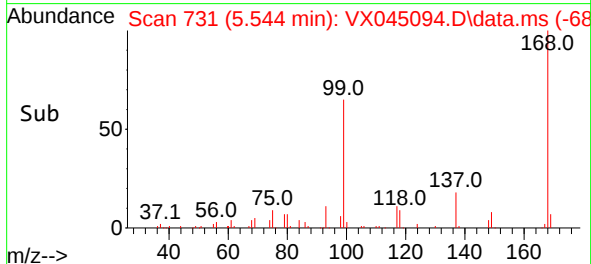
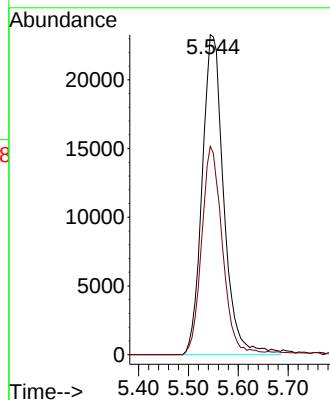
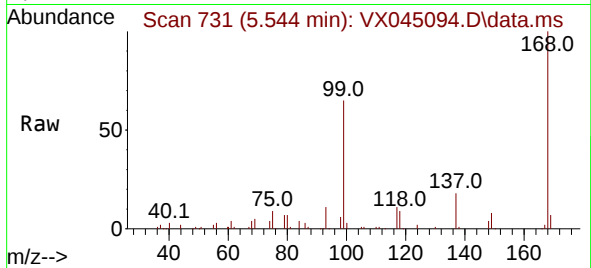




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

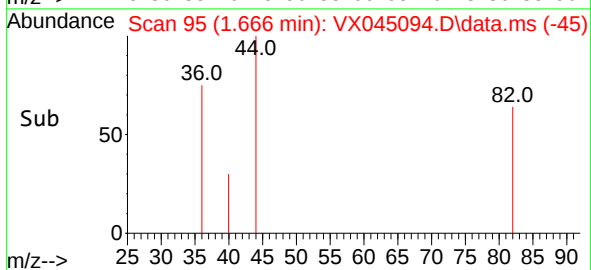
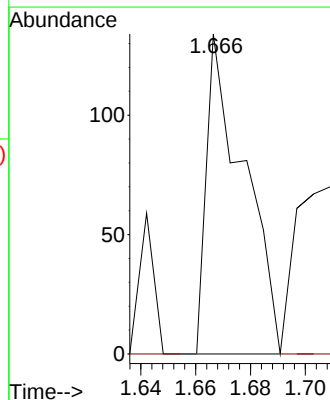
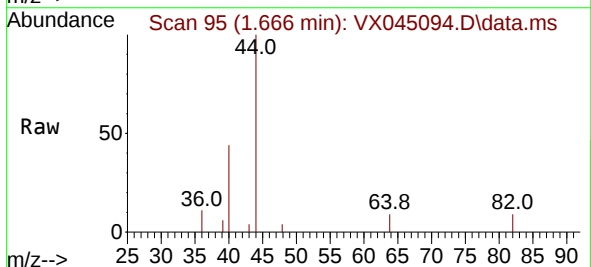
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:168 Resp: 69889
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#6
Chloroethane
Concen: 0.258 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#





#11

Tert butyl alcohol

Concen: 0.489 ug/l

RT: 2.928 min Scan# 302

Delta R.T. -0.055 min

Lab File: VX045094.D

Acq: 28 Feb 2025 17:17

Instrument :

MSVOA_X

ClientSampleId :

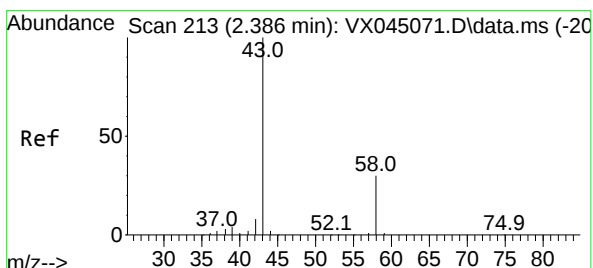
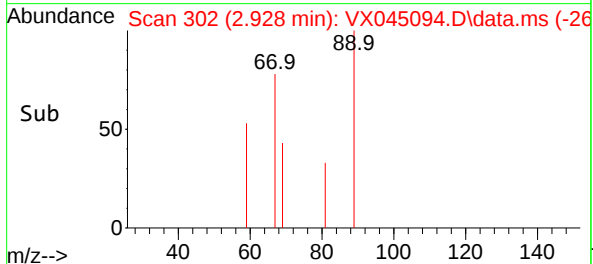
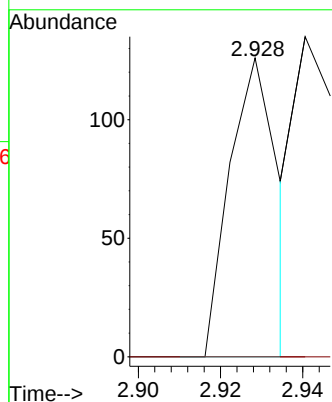
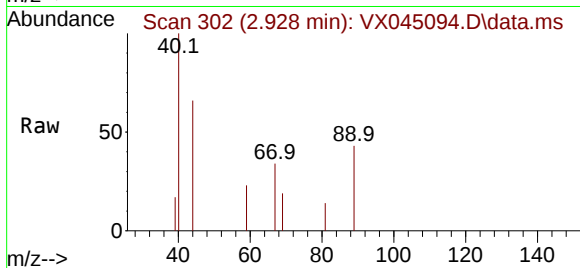
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 59 Resp: 103

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.962 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045094.D

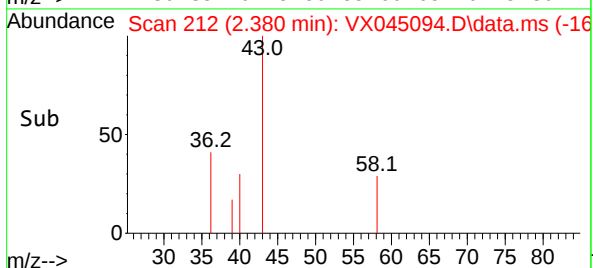
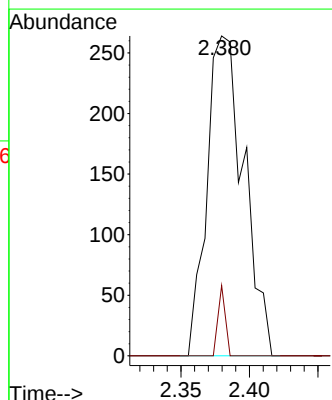
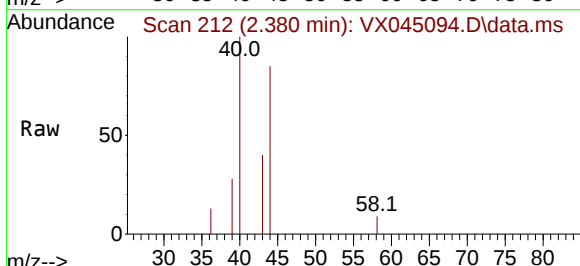
Acq: 28 Feb 2025 17:17

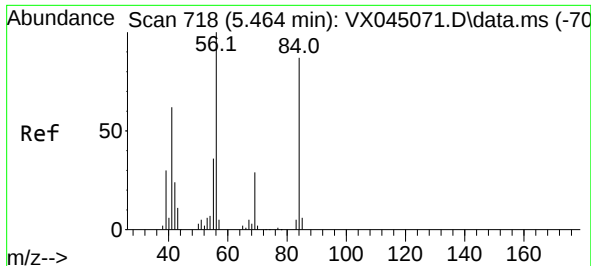
Tgt Ion: 43 Resp: 496

Ion Ratio Lower Upper

43 100

58 22.0 24.2 36.4#

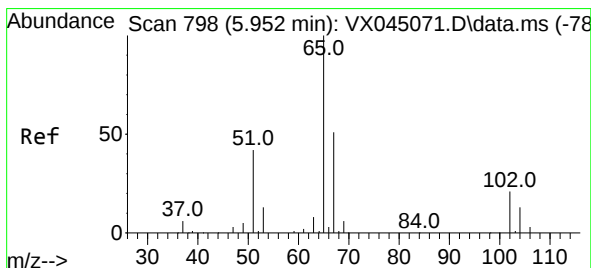
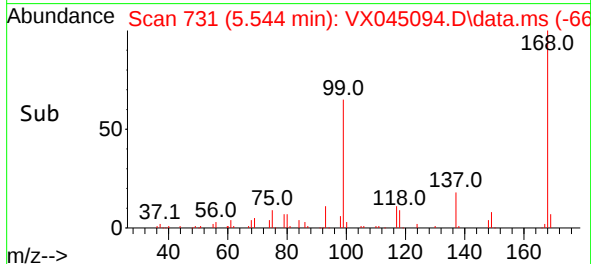
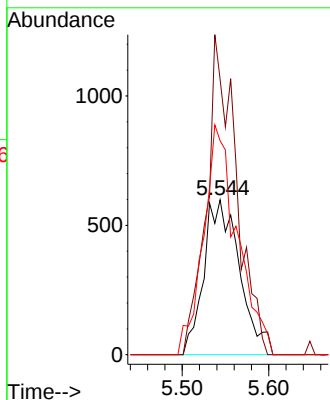
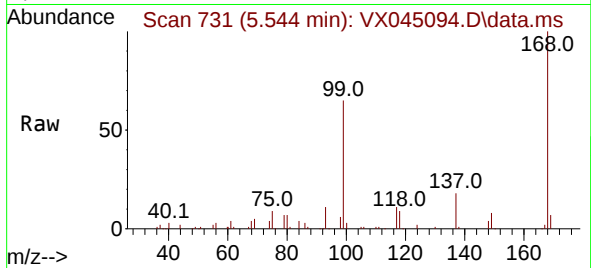




#31
Cyclohexane
Concen: 1.136 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

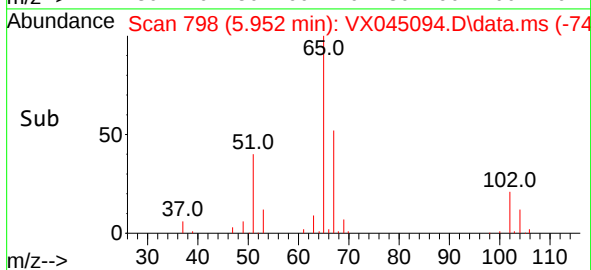
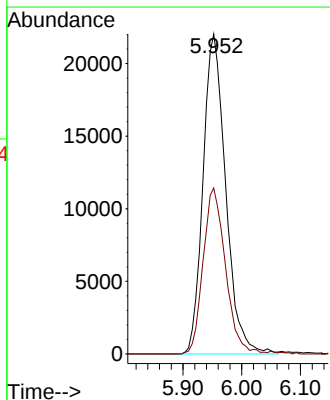
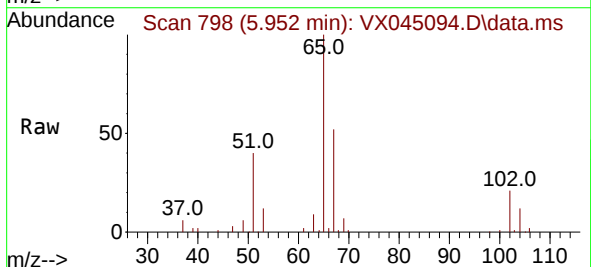
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

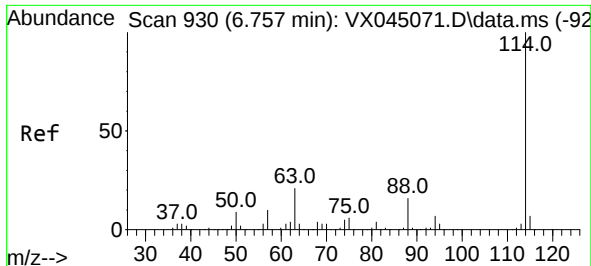
Tgt Ion: 56 Resp: 1718
Ion Ratio Lower Upper
56 100
69 177.6 23.4 35.2#
84 138.1 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 53.099 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Tgt Ion: 65 Resp: 59030
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.2

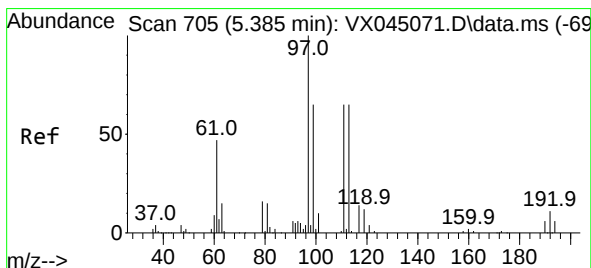
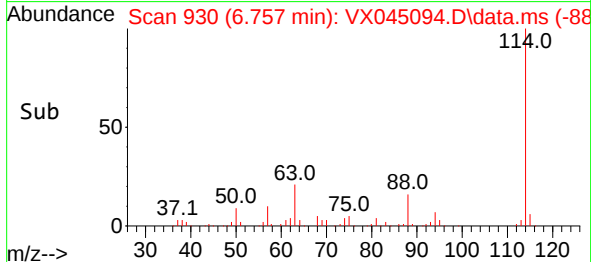
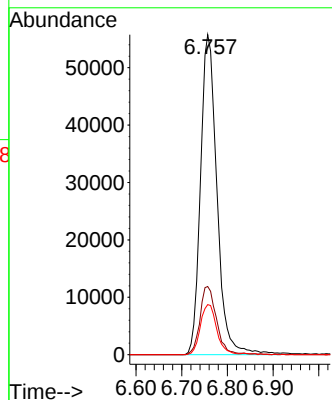
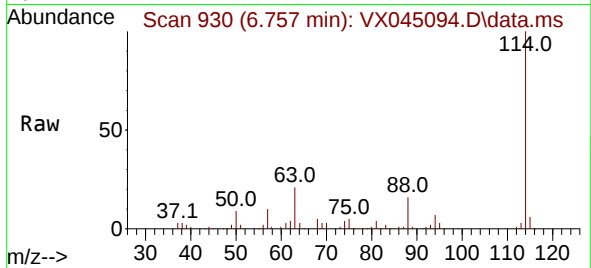




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

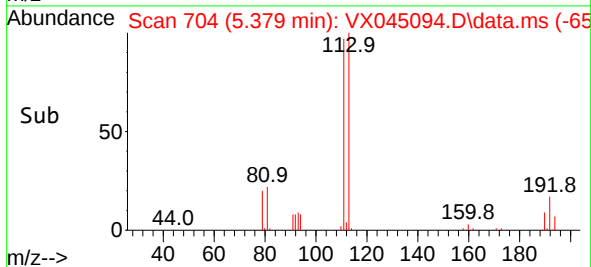
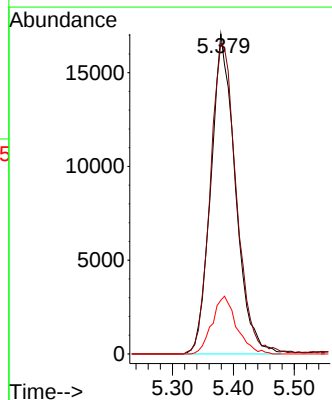
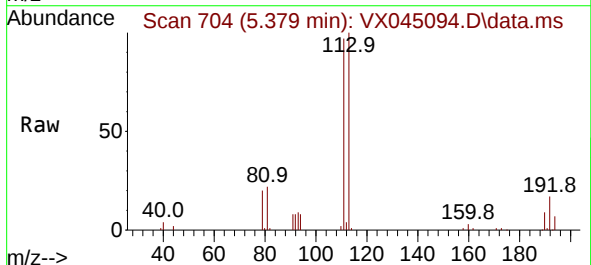
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

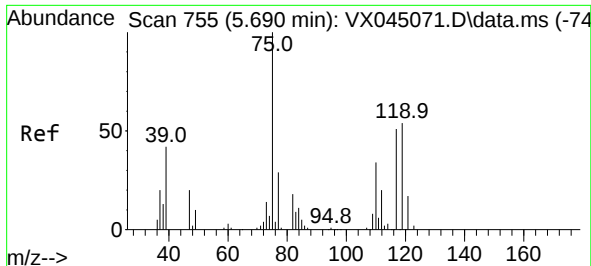
Tgt Ion:114 Resp: 139482
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.158 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Tgt Ion:113 Resp: 47714
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 18.0 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.741 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX045094.D

Acq: 28 Feb 2025 17:17

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

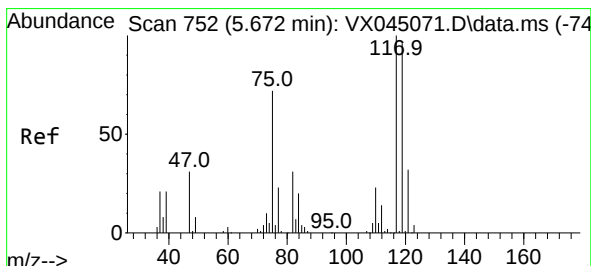
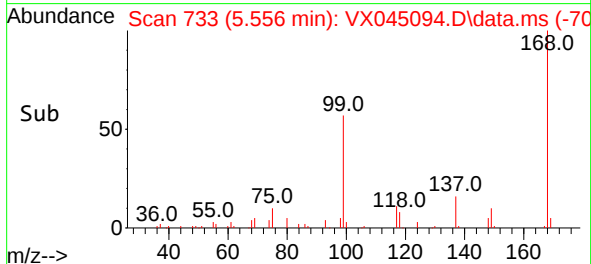
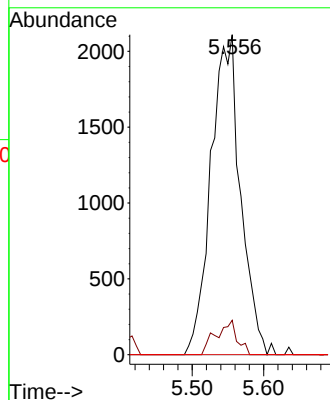
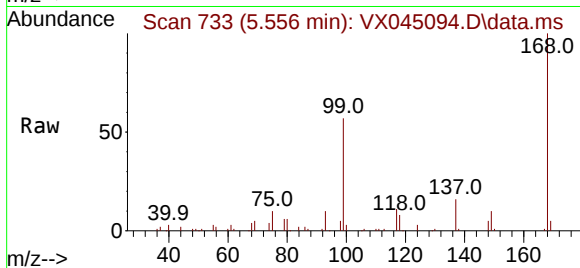
Tgt Ion: 75 Resp: 6064

Ion Ratio Lower Upper

75 100

110 7.7 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.676 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.116 min

Lab File: VX045094.D

Acq: 28 Feb 2025 17:17

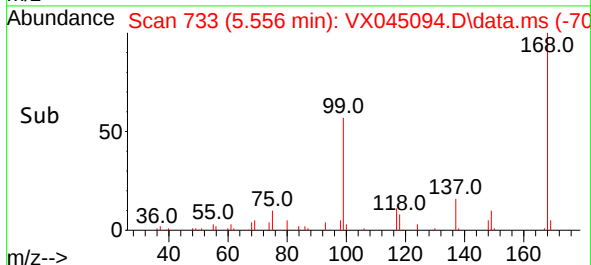
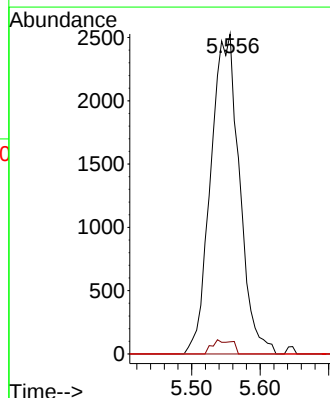
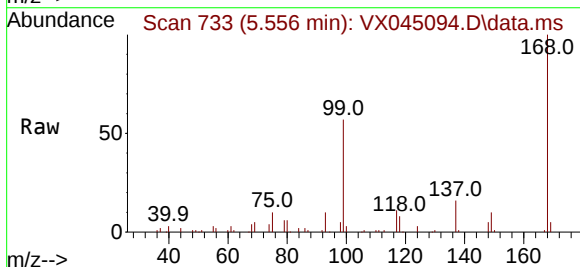
Tgt Ion: 117 Resp: 7371

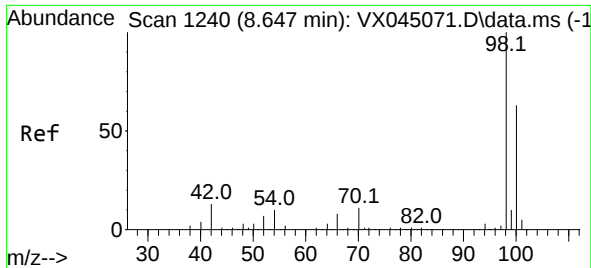
Ion Ratio Lower Upper

117 100

119 3.8 76.7 115.1#

121 0.0 25.5 38.3#

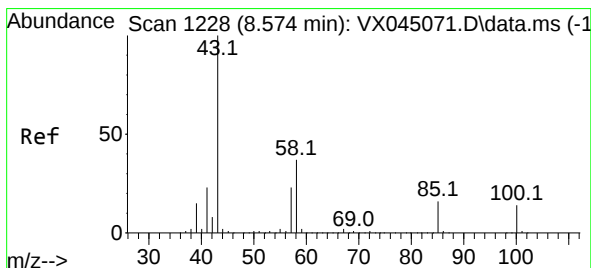
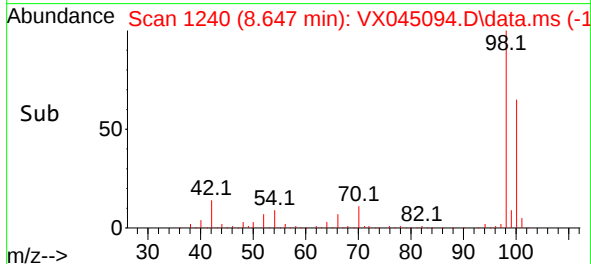
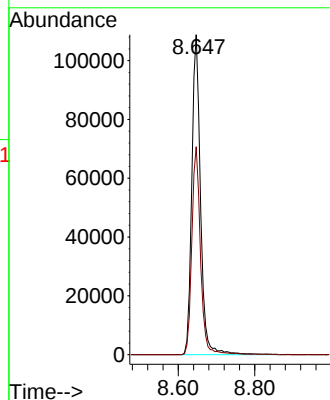
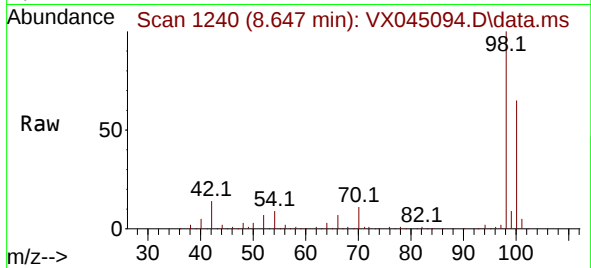




#50
Toluene-d8
Concen: 51.116 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

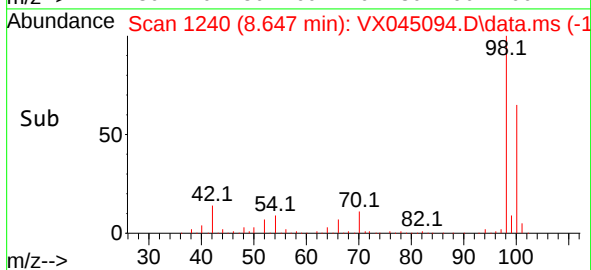
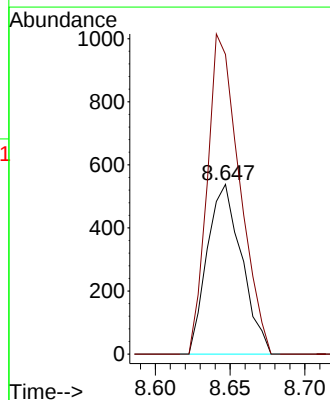
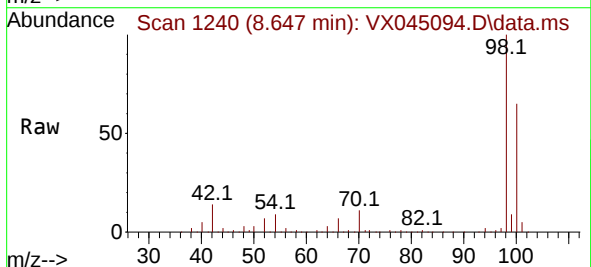
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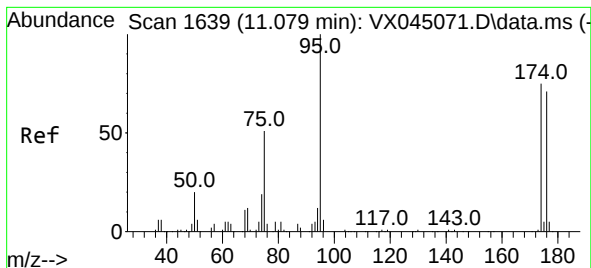
Tgt Ion: 98 Resp: 172838
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
58 176.5 29.2 43.8#

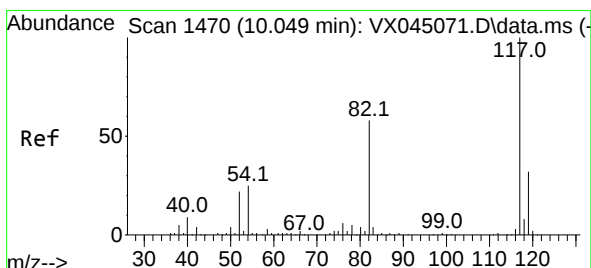
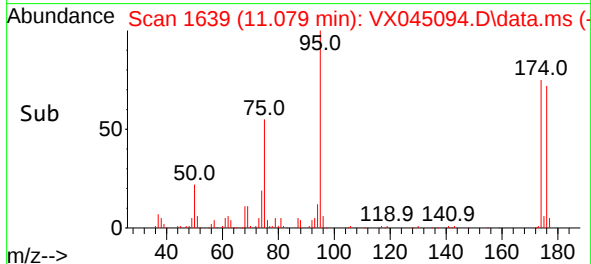
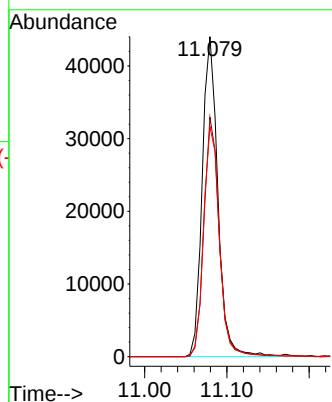
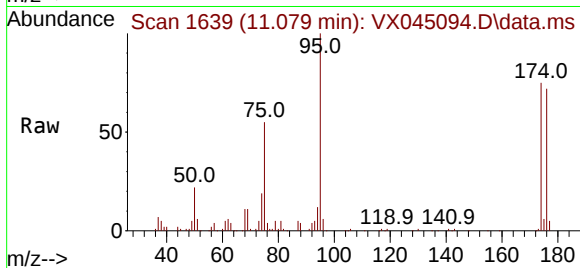




#62
4-Bromofluorobenzene
Concen: 51.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

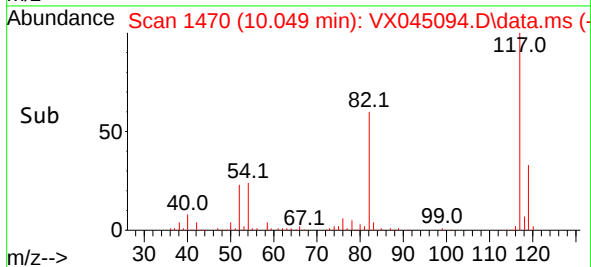
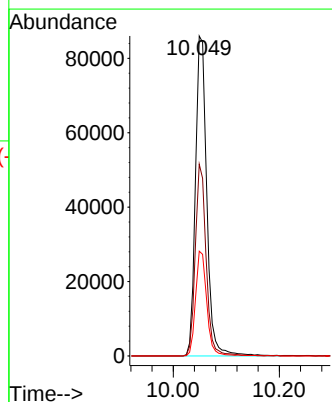
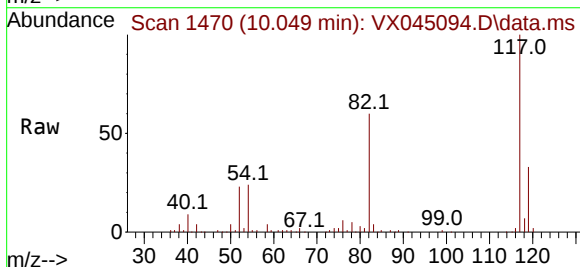
Instrument :
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Storage-Blank-SAMPLE-MANAGEMENT

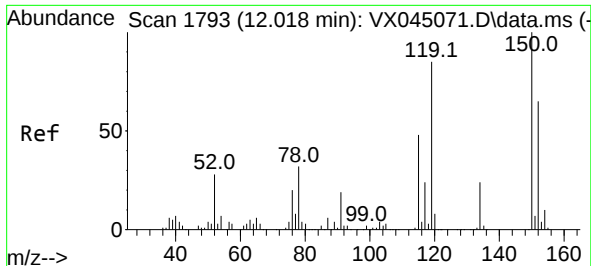
Tgt Ion: 95 Resp: 58180
Ion Ratio Lower Upper
95 100
174 73.9 0.0 148.2
176 73.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Tgt Ion: 117 Resp: 127529
Ion Ratio Lower Upper
117 100
82 60.0 46.3 69.5
119 32.7 25.7 38.5

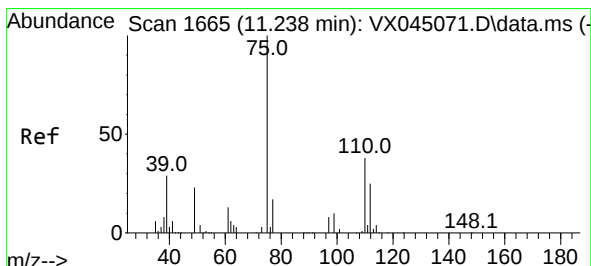
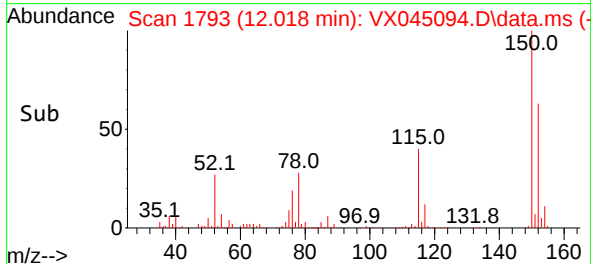
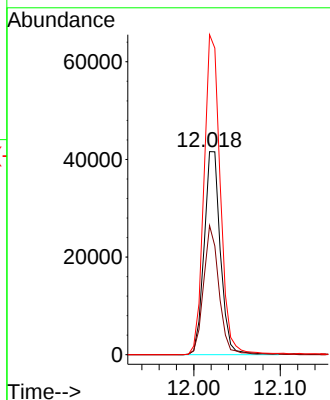
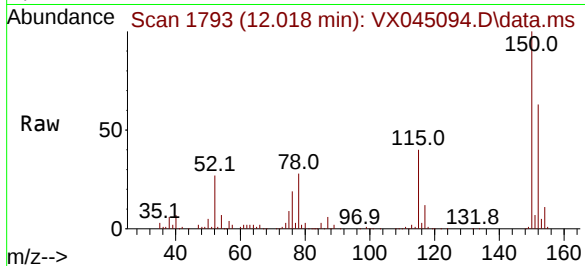




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

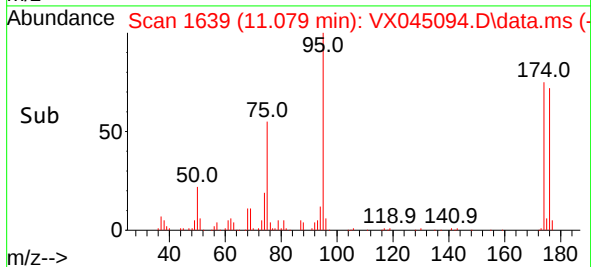
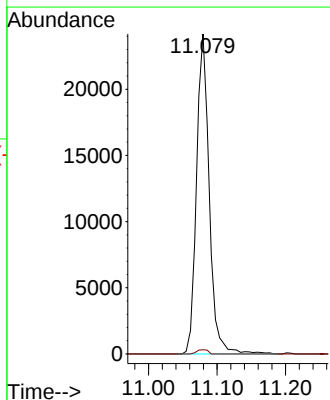
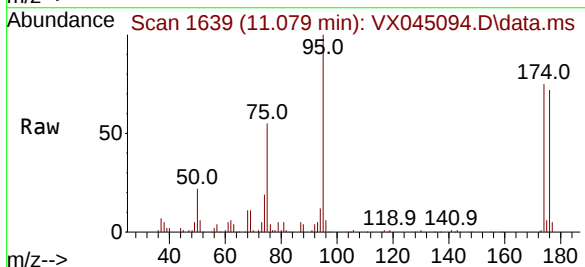
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

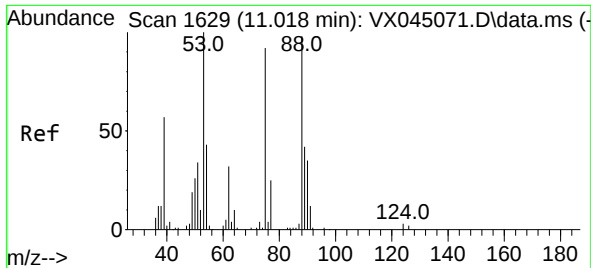
Tgt Ion:152 Resp: 54300
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 158.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.733 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Tgt Ion: 75 Resp: 31259
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.642 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045094.D
Acq: 28 Feb 2025 17:17

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 31259
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

