

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD050919\
 Data File : VD062187.D
 Acq On : 9 May 2019 14:44
 Operator : FY/SY
 Sample : K2672-19
 Misc : 5.07g/5mL/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-1.0-1.5

Quant Time: May 09 15:15:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

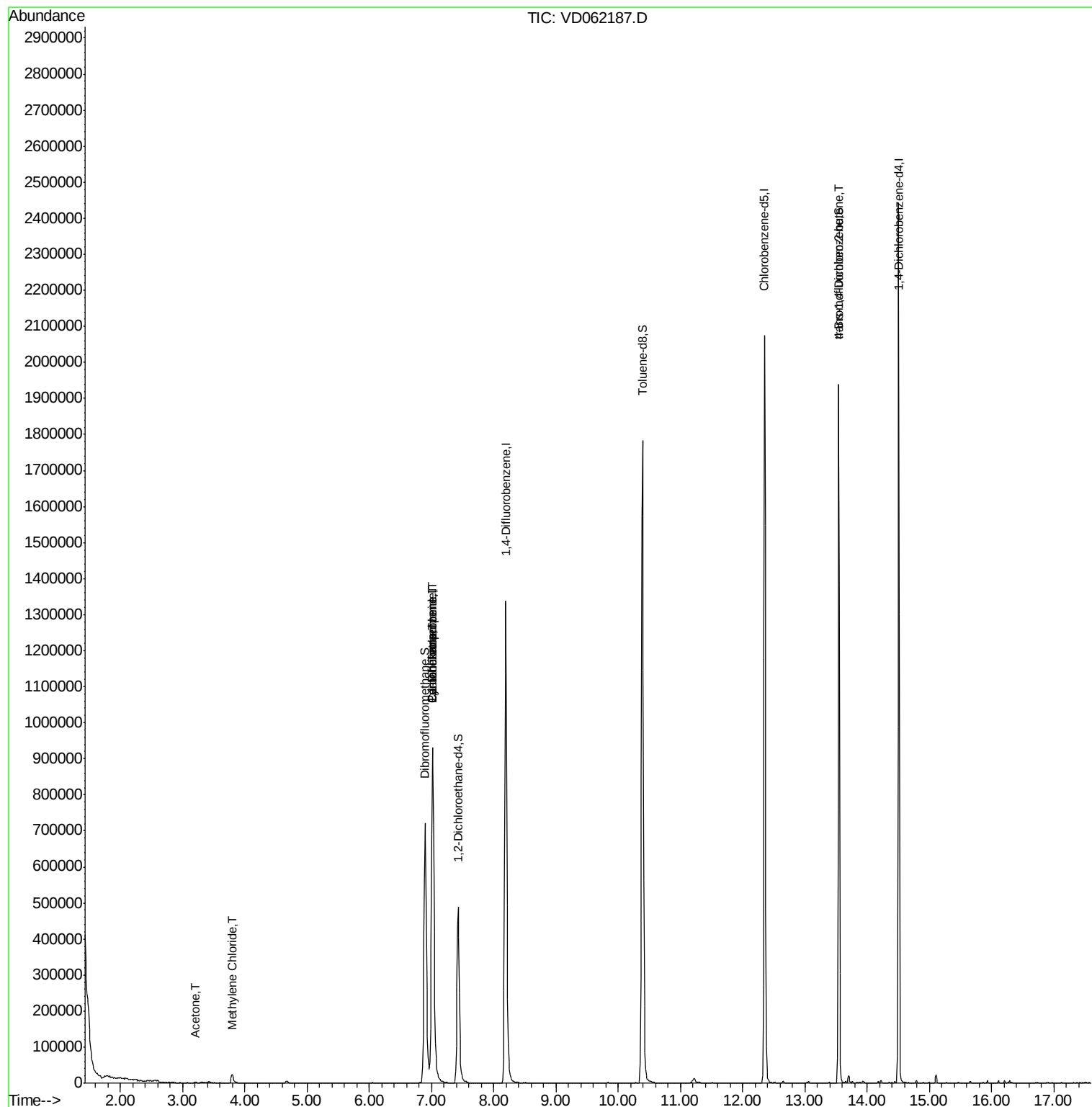
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	985590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1466337	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	1180827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	520112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	528838	57.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.48%	
35) Dibromofluoromethane	6.90	113	661845	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
50) Toluene-d8	10.39	98	1483244	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	13.54	95	559566	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
Target Compounds						
16) Acetone	3.20	43	3835	1.997	ug/l #	85
18) Methyl Acetate	3.60	43	209	Below Cal	#	53
20) Methylene Chloride	3.80	84	17408	2.171	ug/l	93
31) Cyclohexane	7.03	56	18631	1.939	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	73698	6.130	ug/l #	45
38) Carbon Tetrachloride	7.02	117	93502	5.619	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.54	75	231273	132.538	ug/l #	16

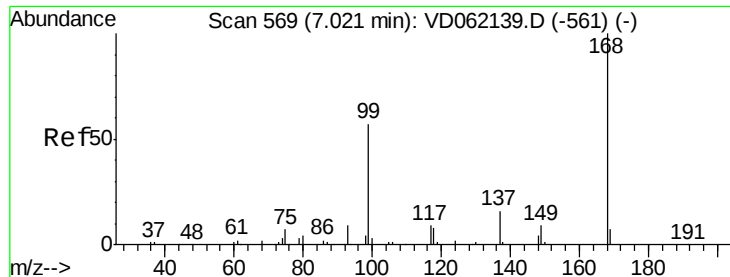
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-10-1.0-1.5

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.00 min

Lab File: VD062187.D

Acq: 9 May 2019 14:44

Instrument :

MSVOA_D

ClientSampleId :

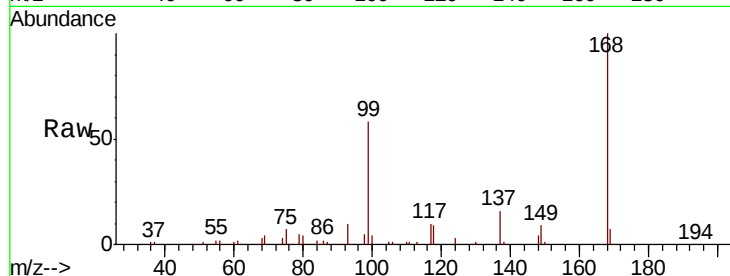
SB-10-1.0-1.5

Tgt Ion:168 Resp: 985590

Ion Ratio Lower Upper

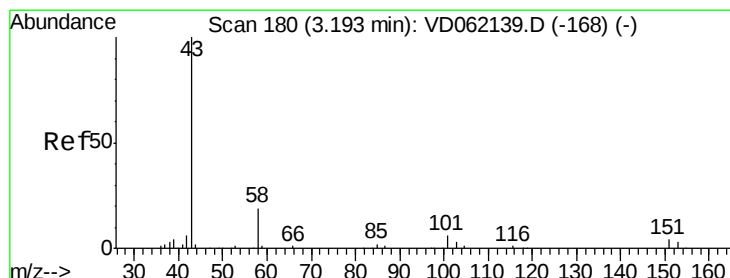
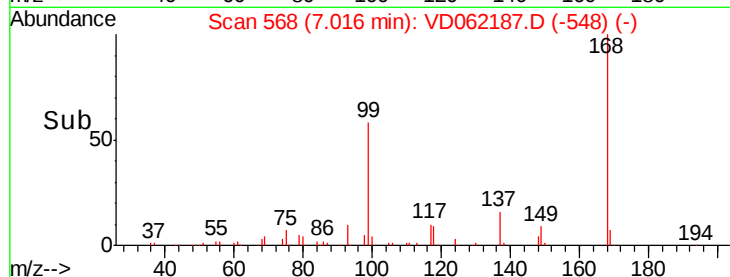
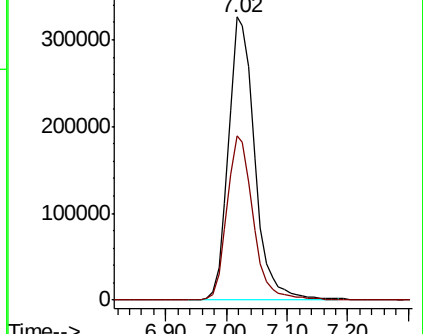
168 100

99 57.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 1.997 ug/l

RT: 3.20 min Scan# 180

Delta R.T. 0.01 min

Lab File: VD062187.D

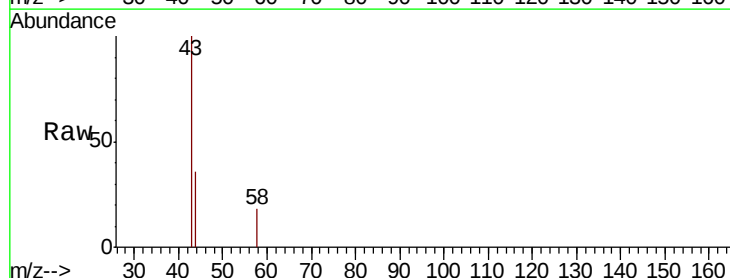
Acq: 9 May 2019 14:44

Tgt Ion: 43 Resp: 3835

Ion Ratio Lower Upper

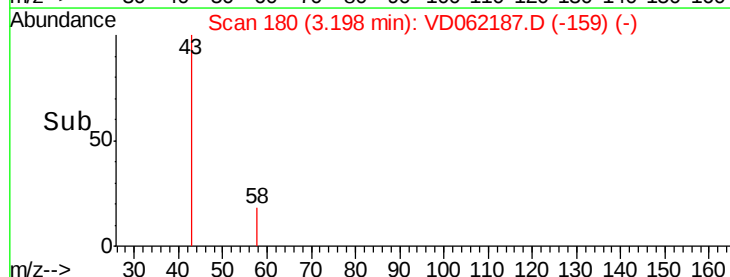
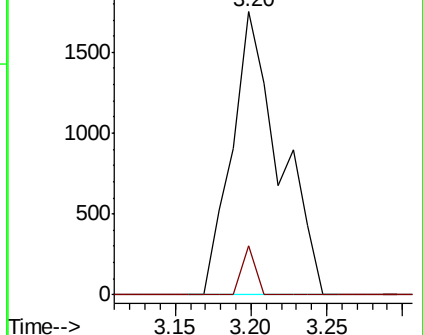
43 100

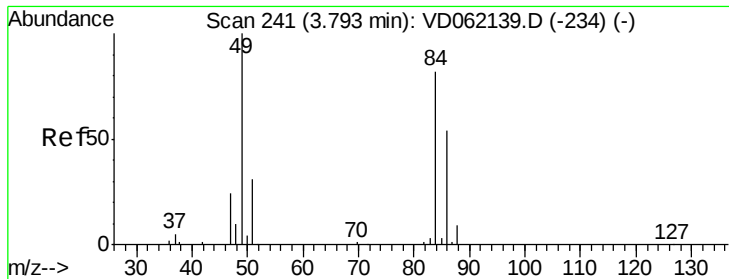
58 17.5 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

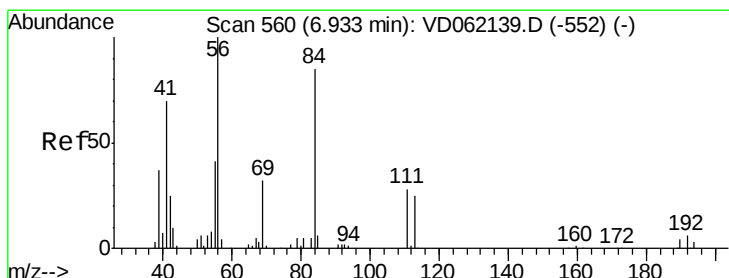
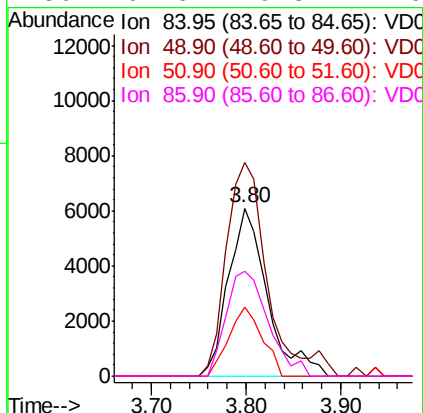
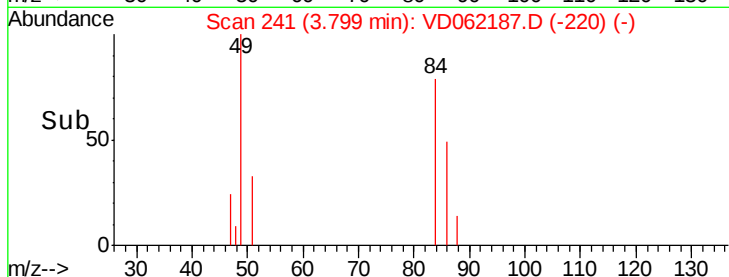
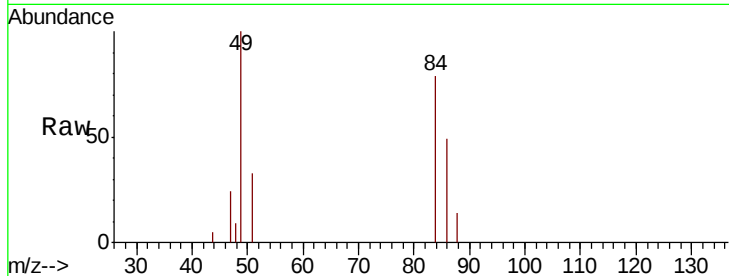




#20
Methylene Chloride
Concen: 2.171 ug/l
RT: 3.80 min Scan# 241
Delta R.T. 0.01 min
Lab File: VD062187.D
Acq: 9 May 2019 14:44

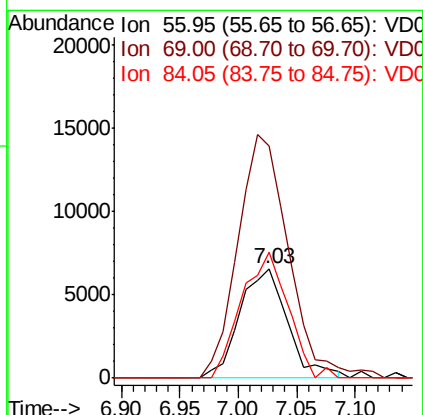
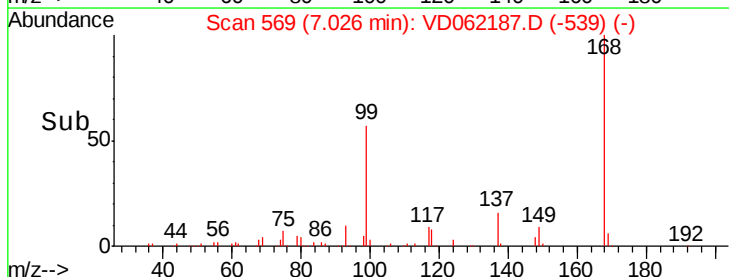
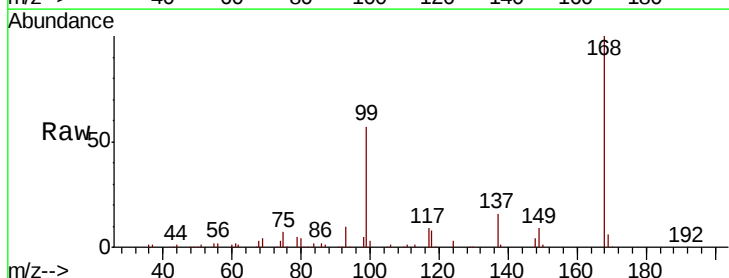
Instrument :
MSVOA_D
ClientSampleId :
SB-10-1.0-1.5

Tgt Ion: 84 Resp: 17408
Ion Ratio Lower Upper
84 100
49 127.3 94.0 141.0
51 41.6 29.0 43.4
86 62.6 49.8 74.6



#31
Cyclohexane
Concen: 1.939 ug/l
RT: 7.03 min Scan# 569
Delta R.T. 0.09 min
Lab File: VD062187.D
Acq: 9 May 2019 14:44

Tgt Ion: 56 Resp: 18631
Ion Ratio Lower Upper
56 100
69 211.9 25.8 38.6#
84 114.9 72.2 108.4#

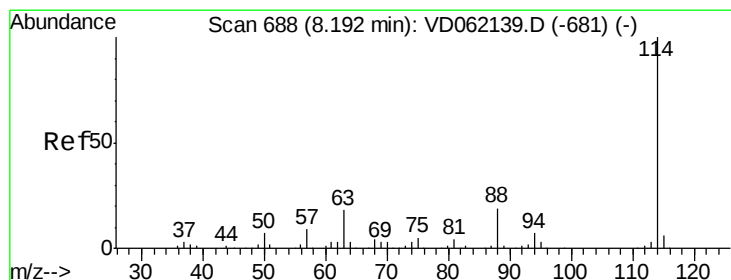
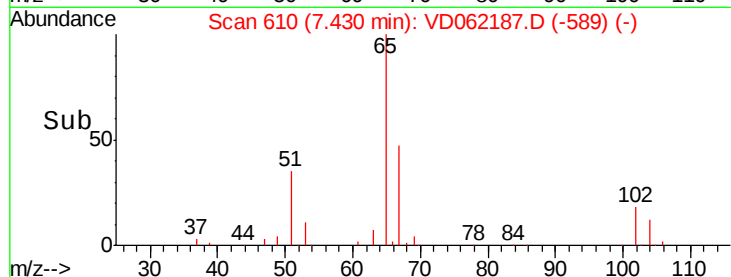
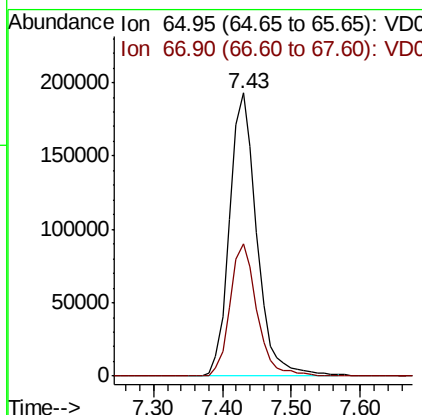
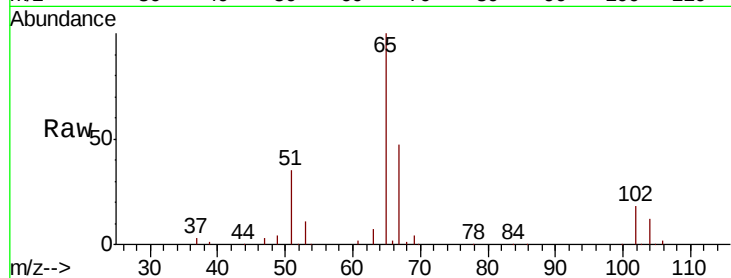




#33
 1,2-Dichloroethane-d4
 Concen: 57.738 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: VD062187.D
 Acq: 9 May 2019 14:44

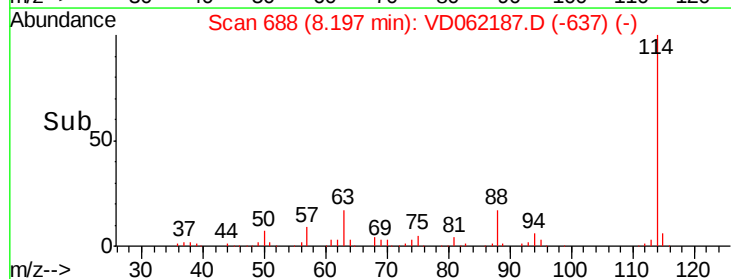
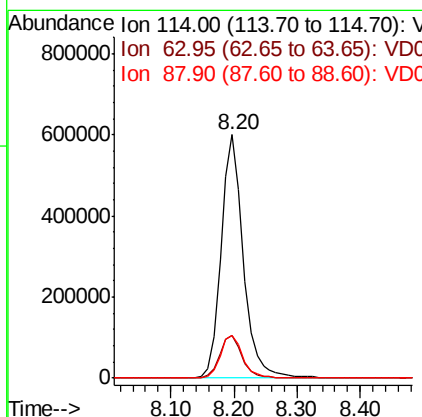
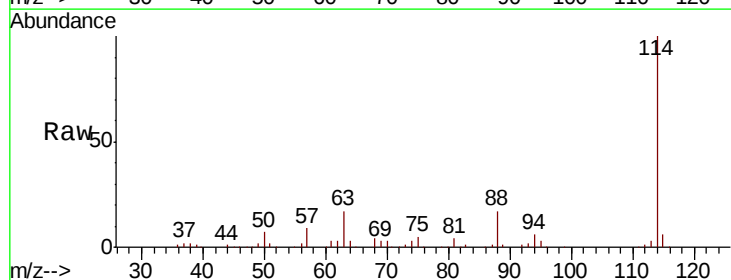
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-1.0-1.5

Tgt Ion: 65 Resp: 528838
 Ion Ratio Lower Upper
 65 100
 67 46.7 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD062187.D
 Acq: 9 May 2019 14:44

Tgt Ion: 114 Resp: 1466337
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 32.4
 88 17.4 0.0 33.6

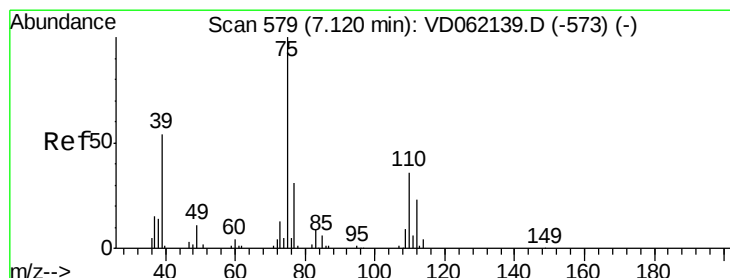
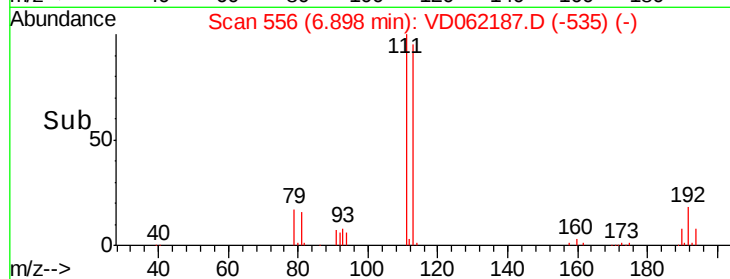
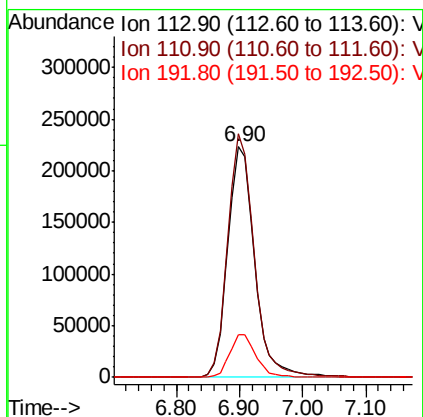
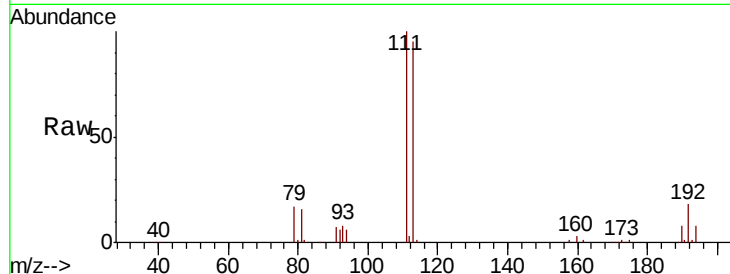




#35
 Dibromofluoromethane
 Concen: 54.400 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: VD062187.D
 Acq: 9 May 2019 14:44

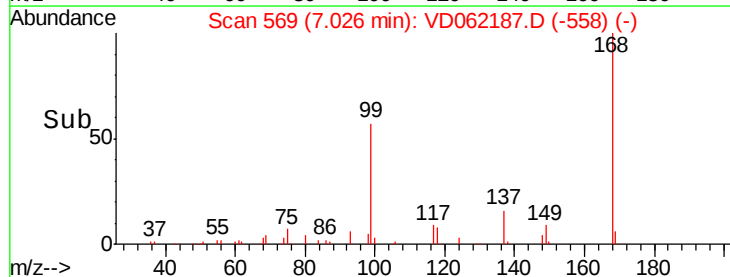
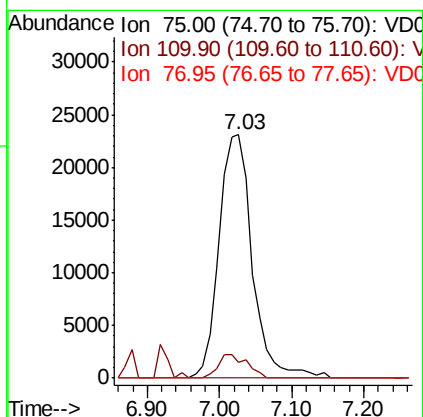
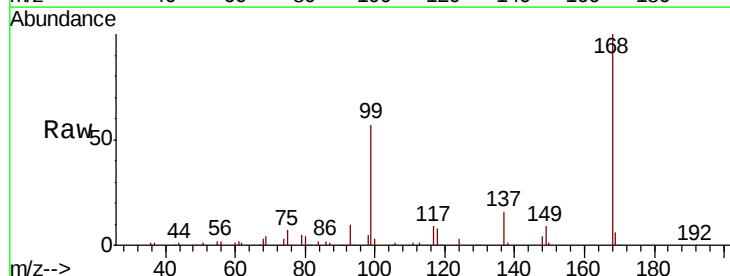
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 ClientSampleId :
 SB-10-1.0-1.5

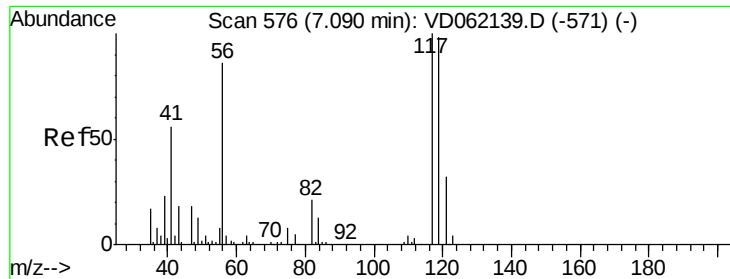
Tgt Ion:113 Resp: 661845
 Ion Ratio Lower Upper
 113 100
 111 105.6 78.5 117.7
 192 18.6 13.0 19.4



#36
 1,1-Dichloropropene
 Concen: 6.130 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD062187.D
 Acq: 9 May 2019 14:44

Tgt Ion: 75 Resp: 73698
 Ion Ratio Lower Upper
 75 100
 110 6.6 19.1 57.1#
 77 0.0 25.6 38.4#

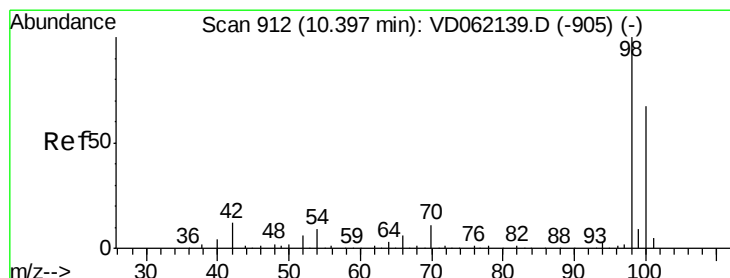
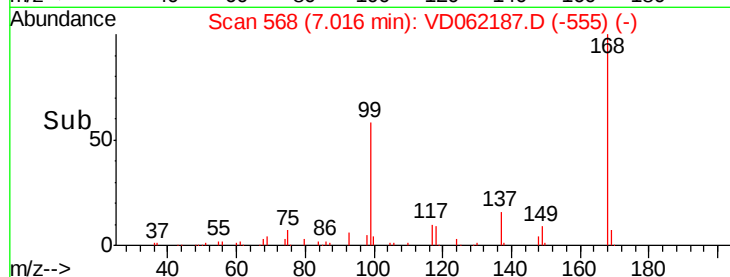
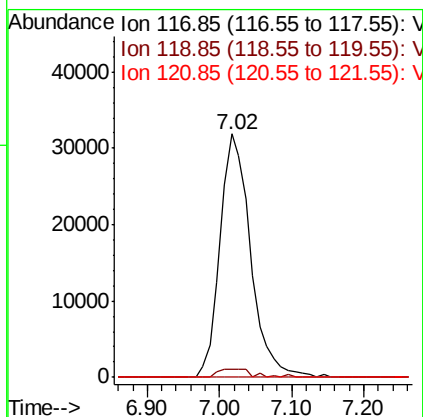
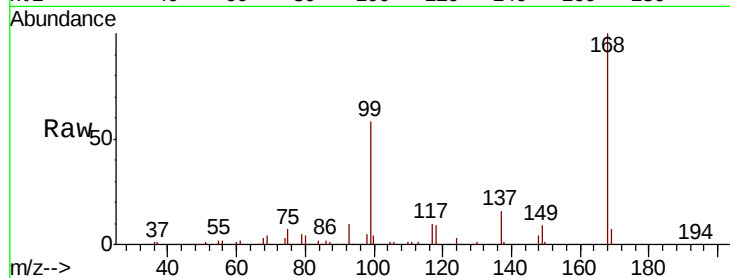




#38
Carbon Tetrachloride
Concen: 5.619 ug/l
RT: 7.02 min Scan# 568
Delta R.T. -0.07 min
Lab File: VD062187.D
Acq: 9 May 2019 14:44

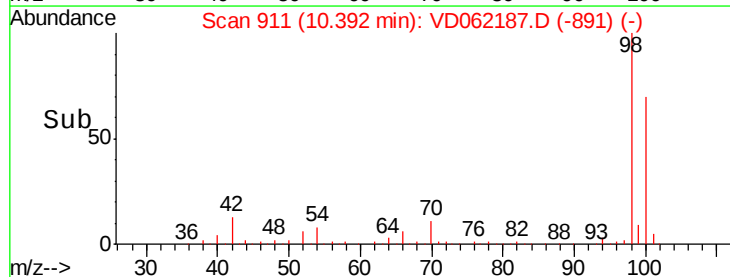
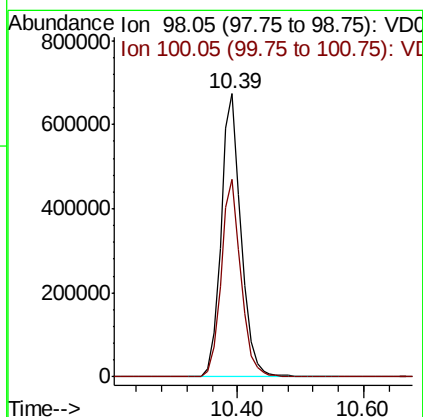
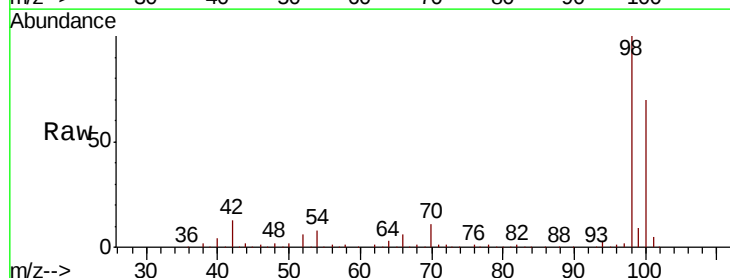
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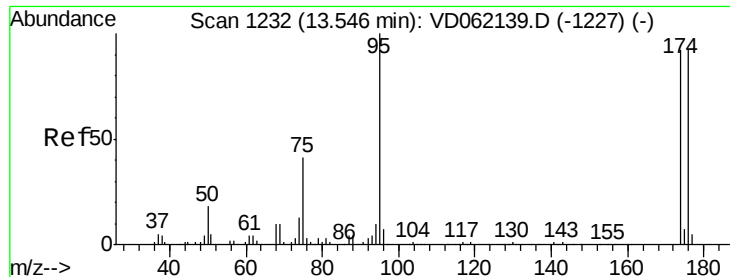
Tgt Ion:117 Resp: 93502
Ion Ratio Lower Upper
117 100
119 3.3 75.8 113.8#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 50.564 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.00 min
Lab File: VD062187.D
Acq: 9 May 2019 14:44

Tgt Ion: 98 Resp: 1483244
Ion Ratio Lower Upper
98 100
100 70.0 53.8 80.8

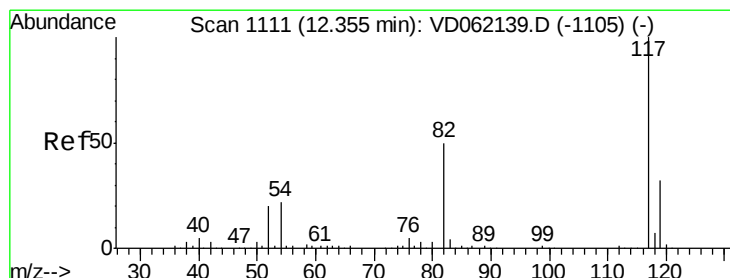
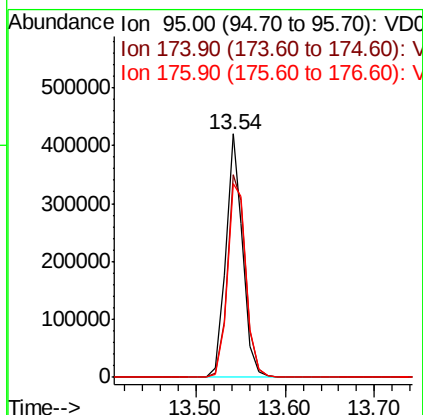
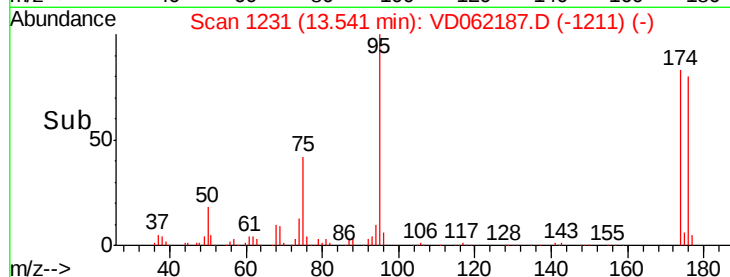
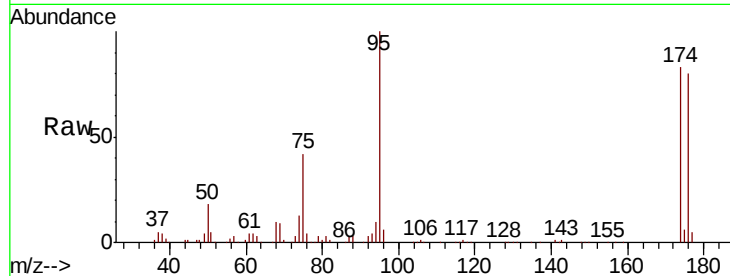




#62
4-Bromofluorobenzene
Concen: 47.503 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD062187.D
Acq: 9 May 2019 14:44

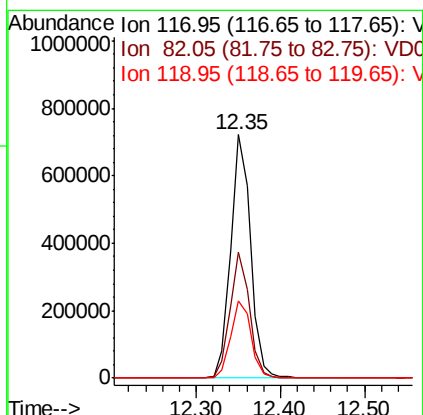
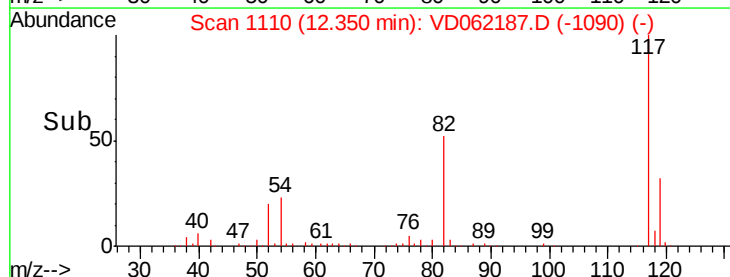
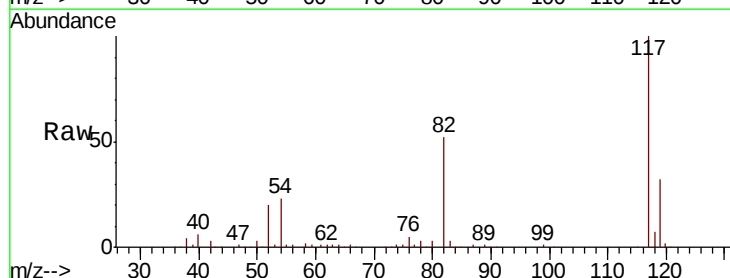
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MSVOA_D
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SB-10-1.0-1.5

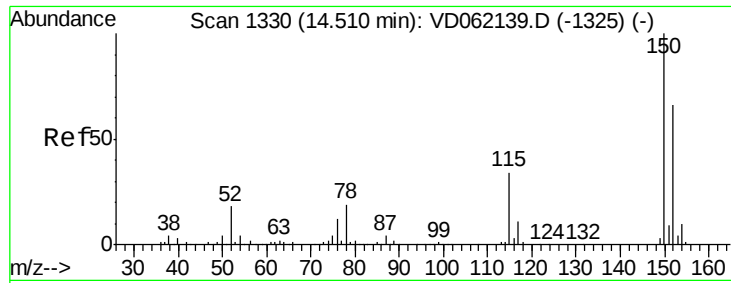
Tgt Ion: 95 Resp: 559566
Ion Ratio Lower Upper
95 100
174 83.3 0.0 181.8
176 79.7 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD062187.D
Acq: 9 May 2019 14:44

Tgt Ion: 117 Resp: 1180827
Ion Ratio Lower Upper
117 100
82 51.7 36.2 54.2
119 32.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD062187.D

Acq: 9 May 2019 14:44

Instrument :

MSVOA_D

ClientSampleId :

SB-10-1.0-1.5

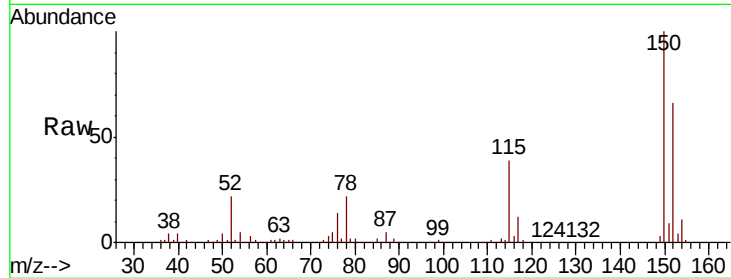
Tgt Ion:152 Resp: 520112

Ion Ratio Lower Upper

152 100

115 59.7 30.9 92.7

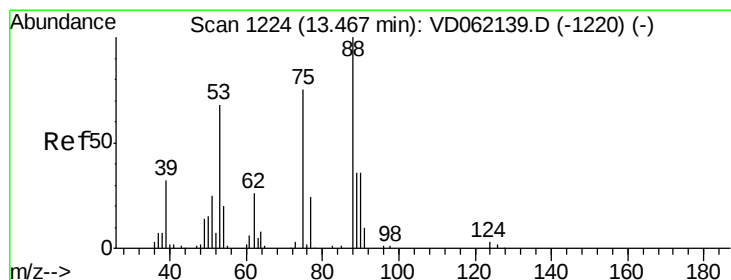
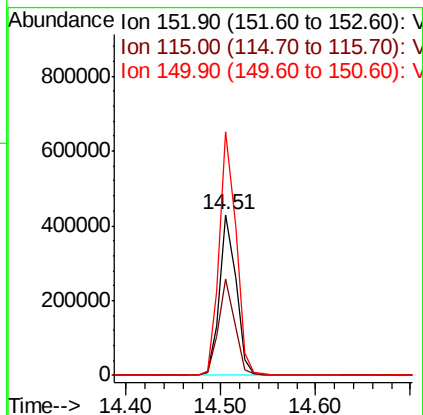
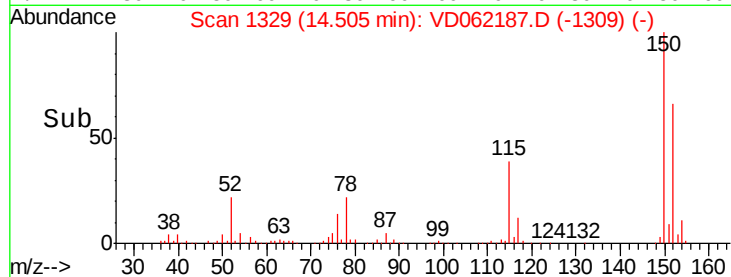
150 151.5 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 132.538 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD062187.D

Acq: 9 May 2019 14:44

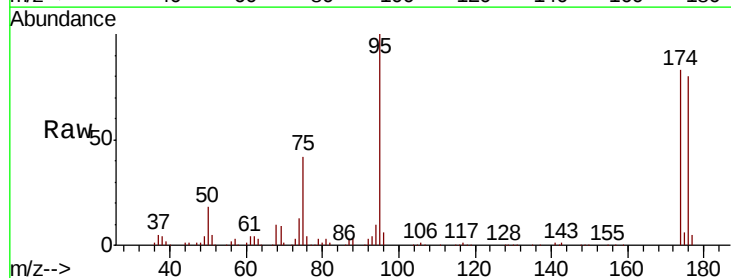
Tgt Ion: 75 Resp: 231273

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

