

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008229.D
 Acq On : 12 Jan 2019 08:54
 Operator : SY/VA
 Sample : K1122-03
 Misc : 6.78G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3I(4-4.5)

Quant Time: Jan 14 10:42:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

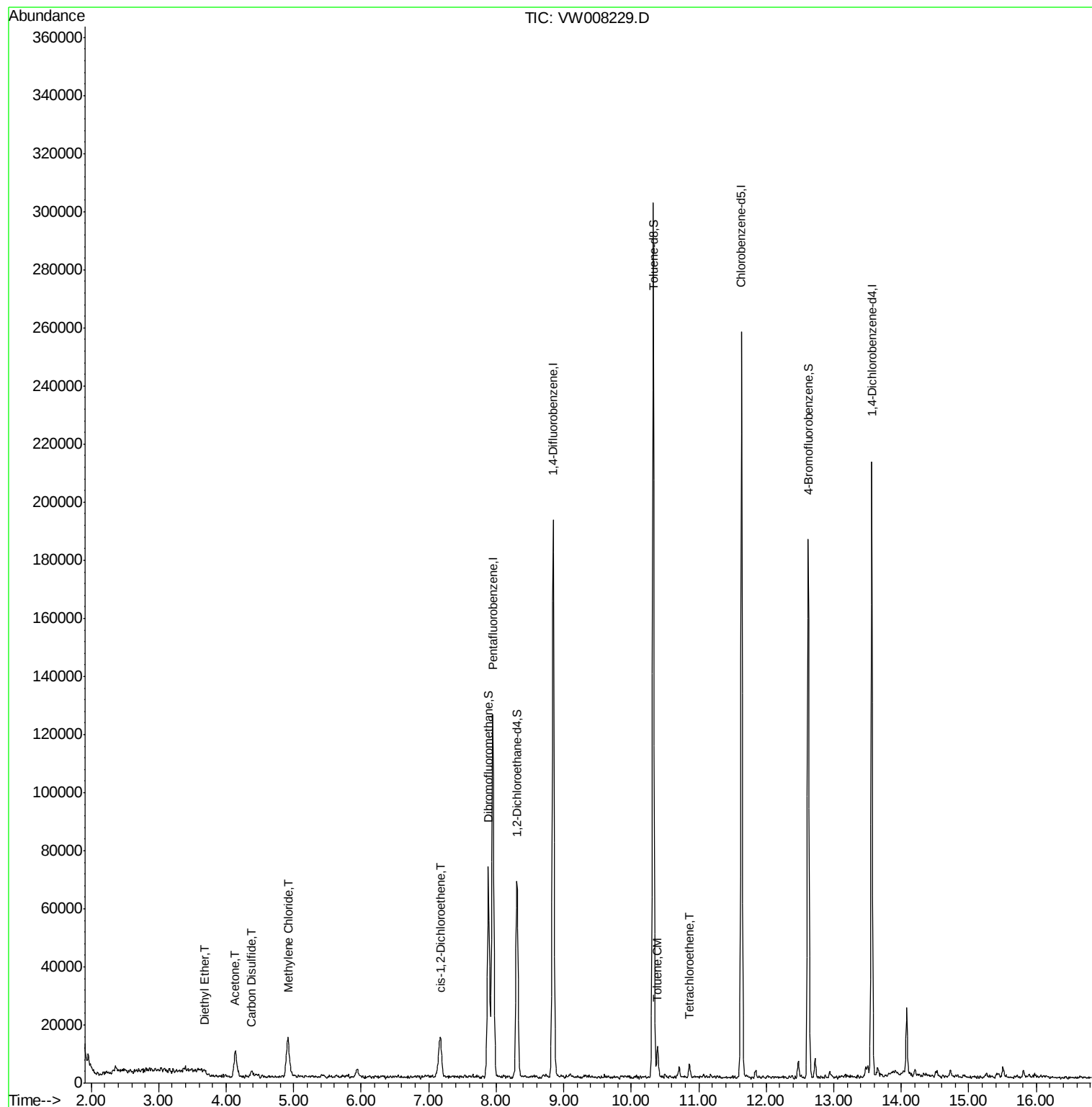
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	159582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	50875	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.88	113	50404	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	10.32	98	199765	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.62	95	59214	42.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.58%	
Target Compounds						
8) Diethyl Ether	3.68	74	1145	2.024	ug/l	75
16) Acetone	4.14	43	17527	83.295	ug/l	90
17) Carbon Disulfide	4.37	76	3743	1.228	ug/l #	88
20) Methylene Chloride	4.92	84	10518	6.486	ug/l #	79
27) cis-1,2-Dichloroethene	7.17	96	6034	5.217	ug/l	90
52) Toluene	10.39	92	4381	1.539	ug/l	98
64) Tetrachloroethene	10.86	164	934	1.042	ug/l #	82

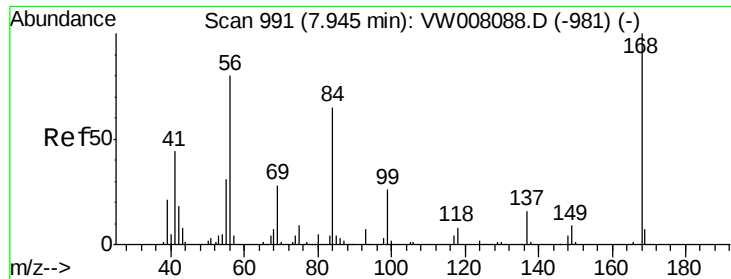
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011119\
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SB-3I(4-4.5)

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008229.D

Acq: 12 Jan 2019 08:54

Instrument :

MSVOA_W

ClientSampleId :

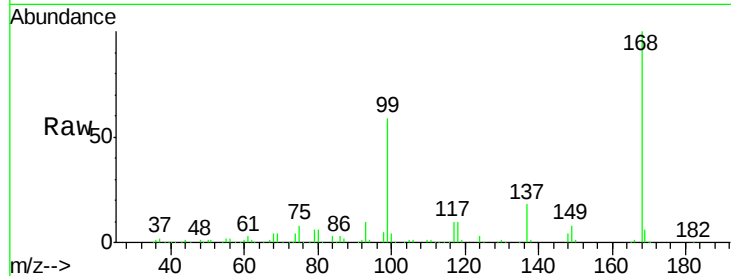
SB-3I(4-4.5)

Tot Ion:168 Resp: 89075

Ion Ratio Lower Upper

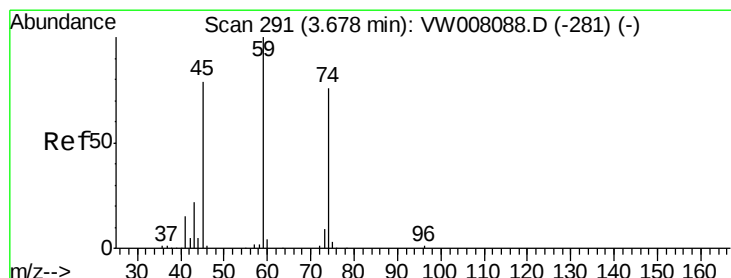
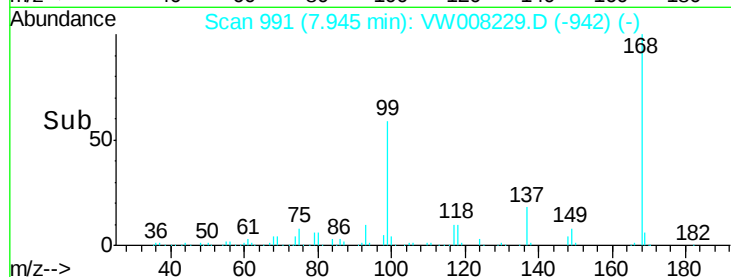
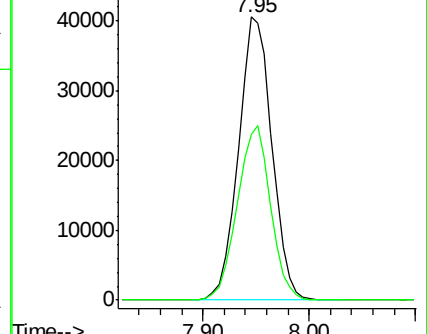
168 100

99 58.6 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.024 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW008229.D

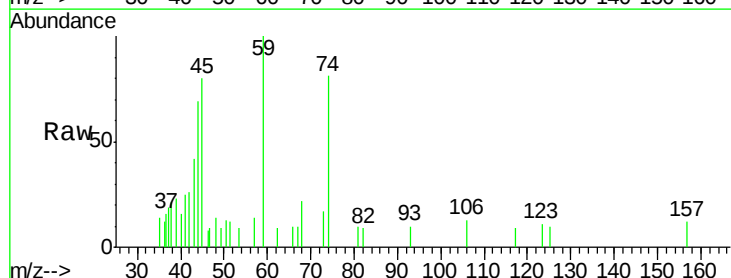
Acq: 12 Jan 2019 08:54

Tgt Ion: 74 Resp: 1145

Ion Ratio Lower Upper

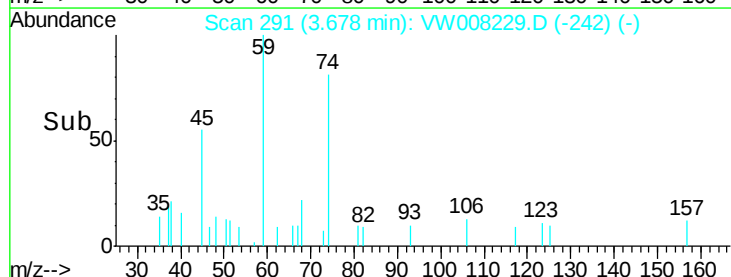
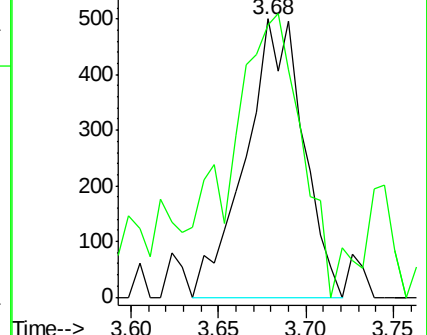
74 100

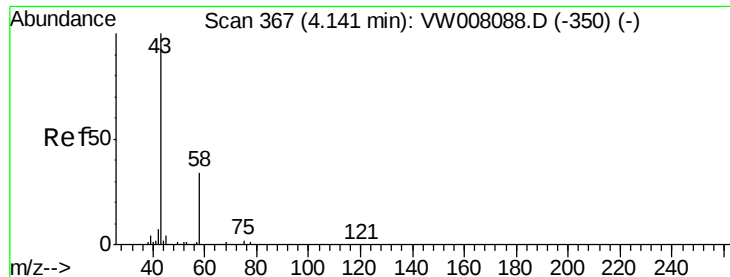
45 130.2 52.4 157.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 83.295 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008229.D

Acq: 12 Jan 2019 08:54

Instrument :

MSVOA_W

ClientSampleId :

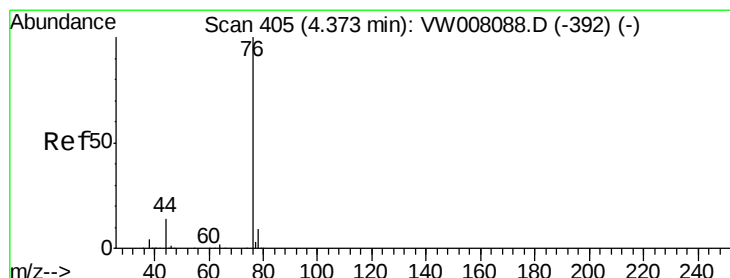
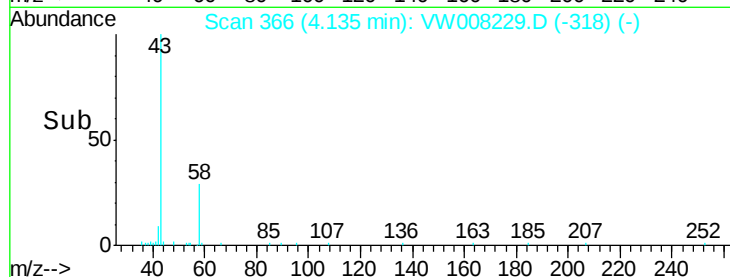
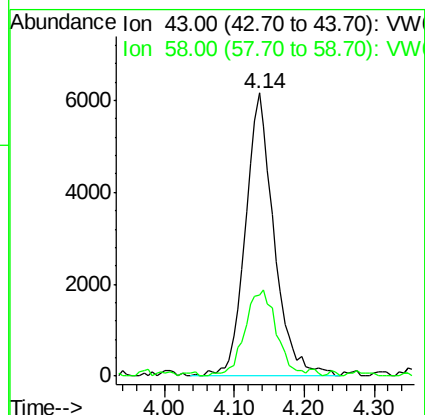
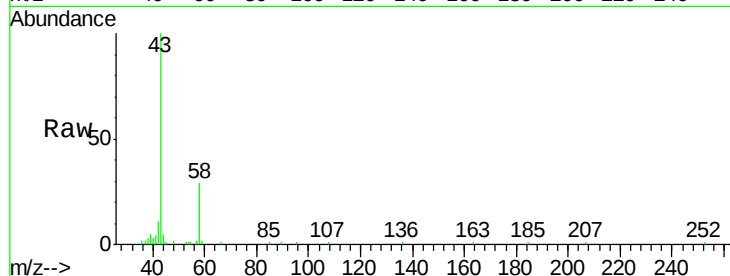
SB-3I(4-4.5)

Tot Ion: 43 Resp: 17527

Ion Ratio Lower Upper

43 100

58 28.9 27.5 41.3



#17

Carbon Disulfide

Concen: 1.228 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008229.D

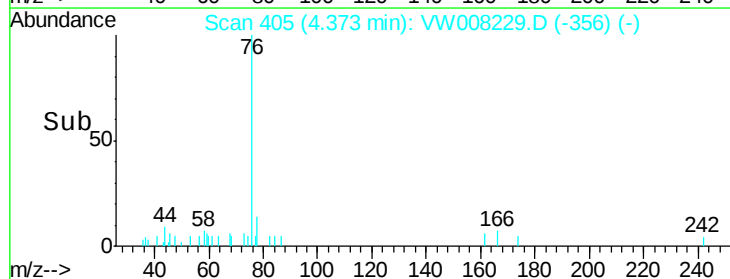
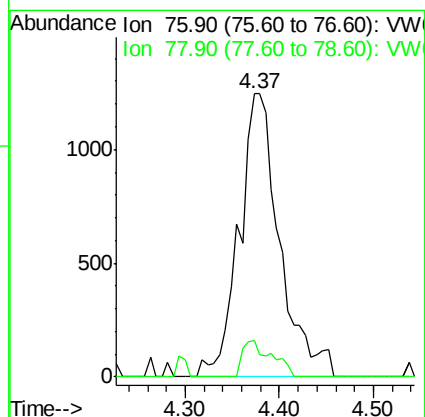
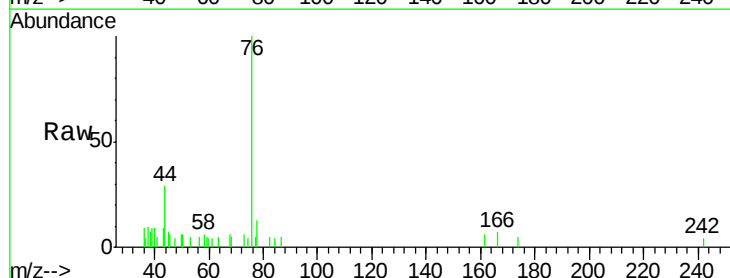
Acq: 12 Jan 2019 08:54

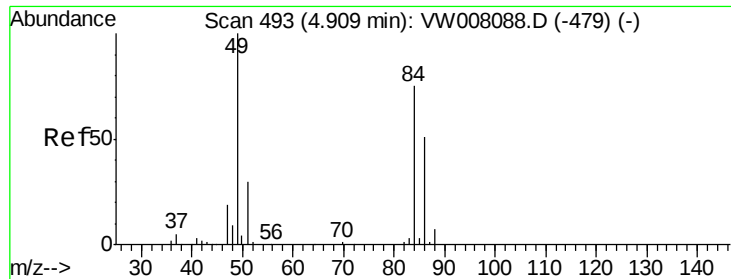
Tgt Ion: 76 Resp: 3743

Ion Ratio Lower Upper

76 100

78 13.0 7.0 10.6#

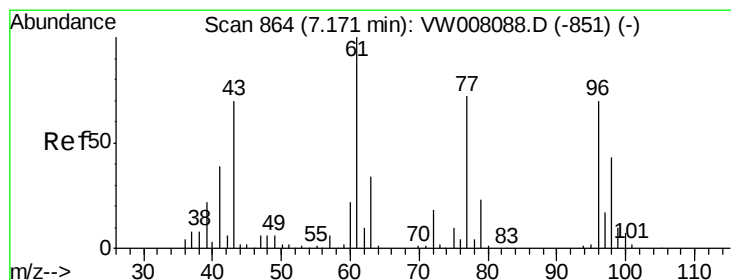
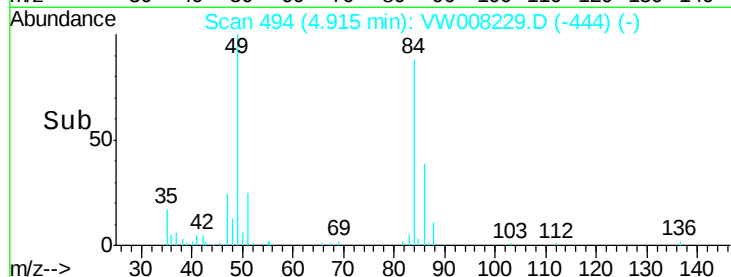
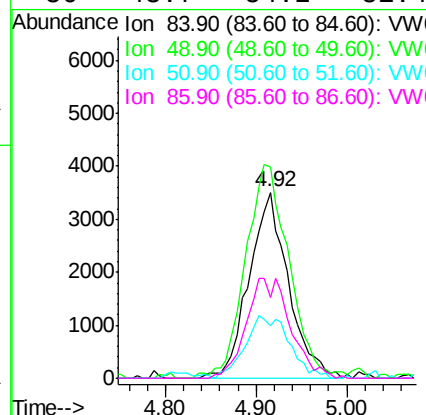
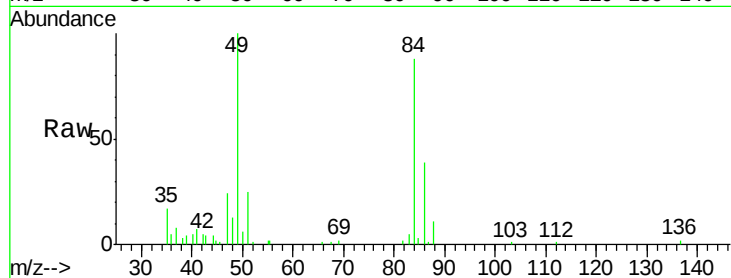




#20
Methylene Chloride
Concen: 6.486 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008229.D
Acq: 12 Jan 2019 08:54

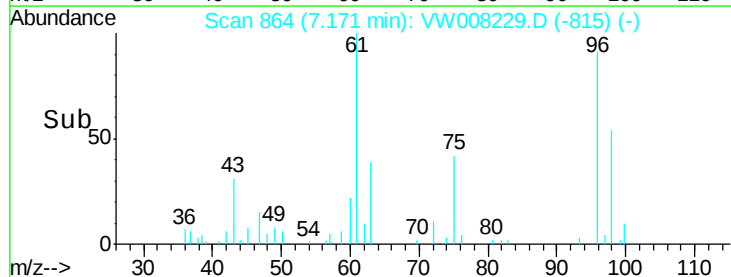
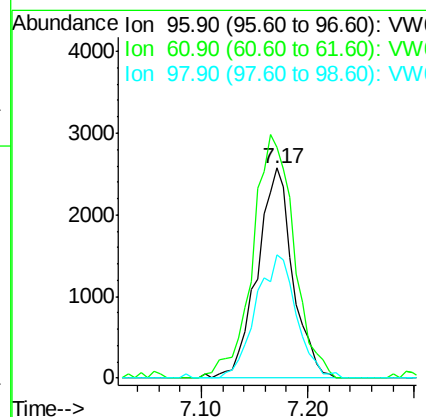
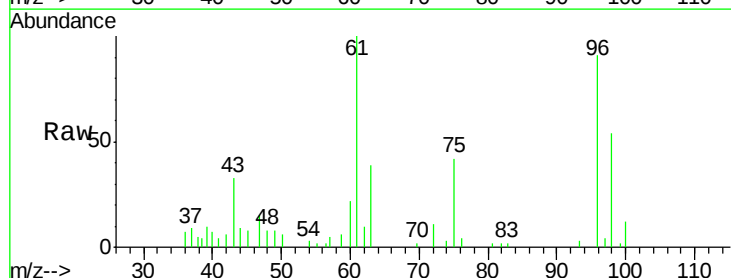
Instrument :
MSVOA_W
ClientSampled :
SB-3I(4-4.5)

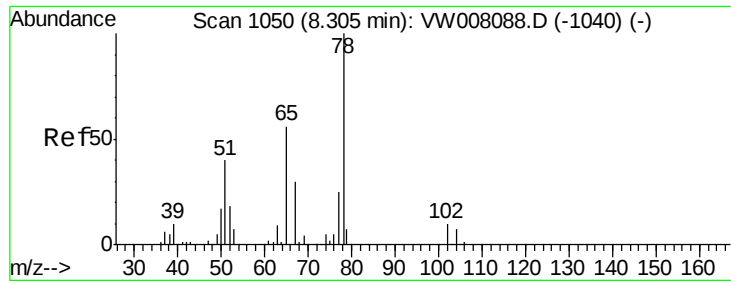
Tot Ion: 84 Resp: 10518
Ion Ratio Lower Upper
84 100
49 113.4 107.1 160.7
51 28.3 32.4 48.6#
86 43.7 54.2 81.4#



#27
cis-1,2-Dichloroethene
Concen: 5.217 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW008229.D
Acq: 12 Jan 2019 08:54

Tgt Ion: 96 Resp: 6034
Ion Ratio Lower Upper
96 100
61 133.8 0.0 300.4
98 66.6 0.0 128.4

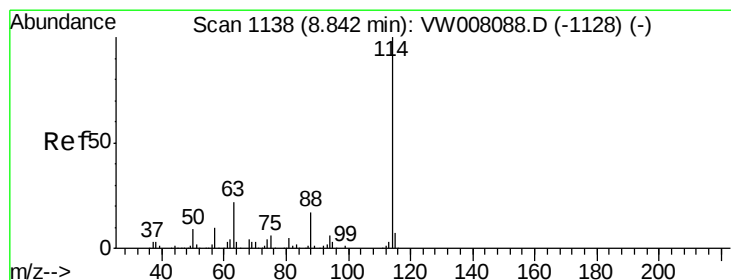
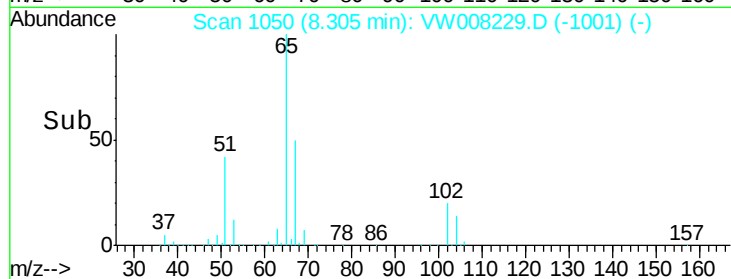
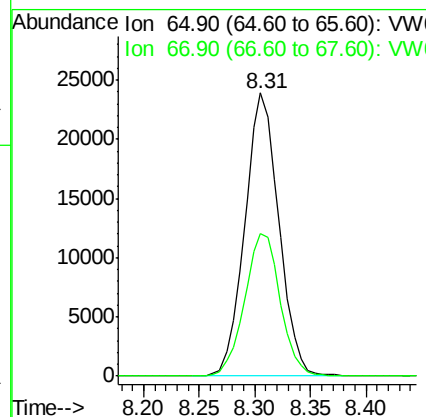
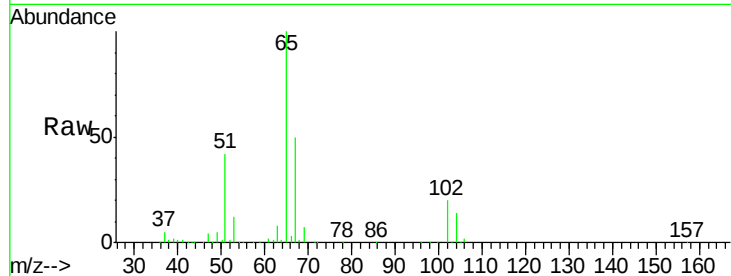




#33
 1,2-Dichloroethane-d4
 Concen: 50.818 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008229.D
 Acq: 12 Jan 2019 08:54

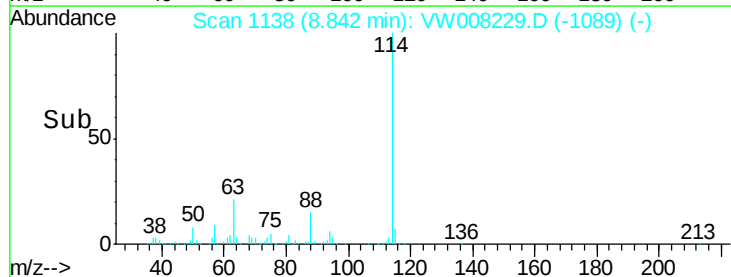
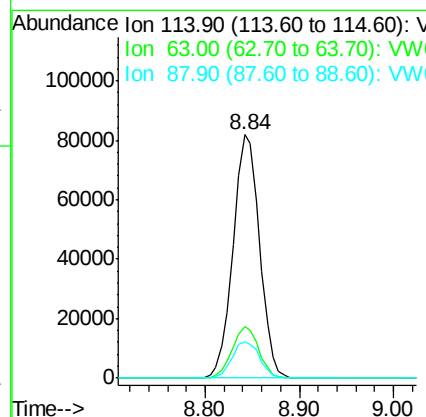
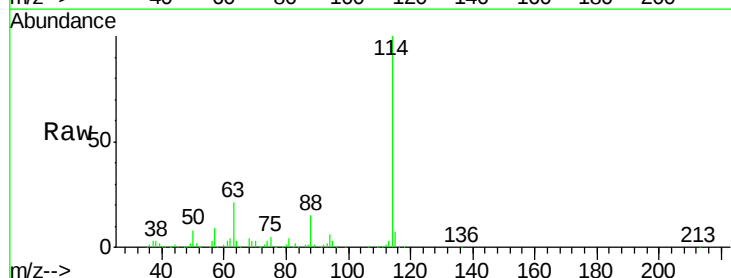
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3I(4-4.5)

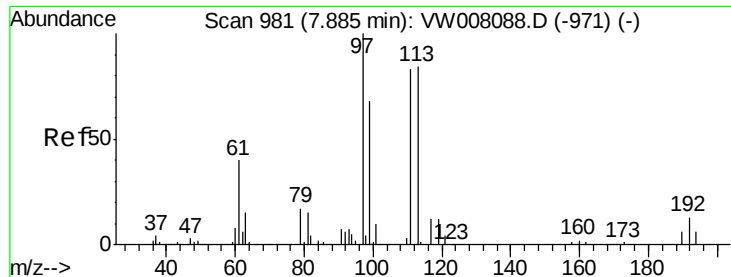
Tot Ion: 65 Resp: 50875
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008229.D
 Acq: 12 Jan 2019 08:54

Tgt Ion: 114 Resp: 159582
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.4
 88 15.1 0.0 33.4

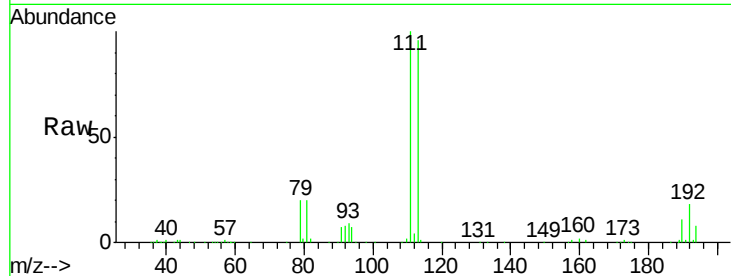




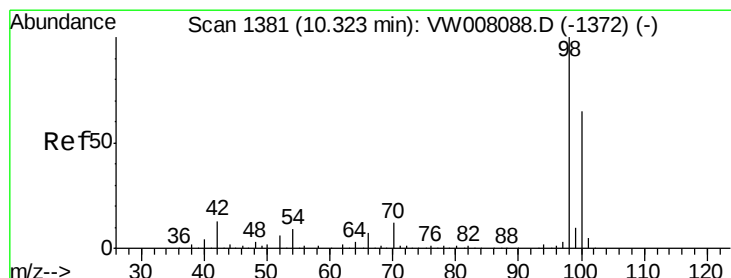
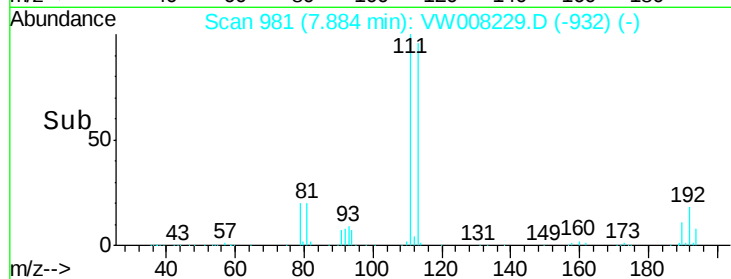
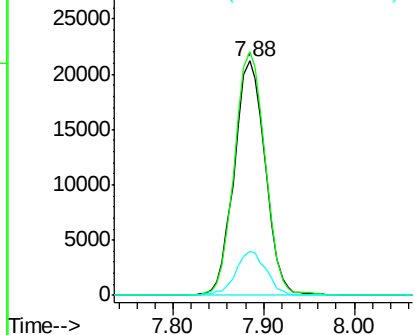
#35
Dibromofluoromethane
Concen: 54.155 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008229.D
Acq: 12 Jan 2019 08:54

Instrument :
MSVOA_W
ClientSampleId :
SB-3I(4-4.5)

Tot Ion:113 Resp: 50404
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 18.5 12.8 19.2

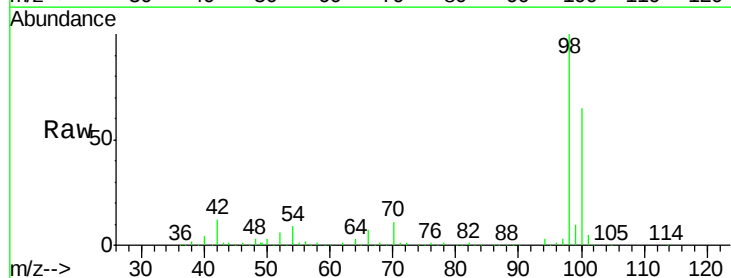


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

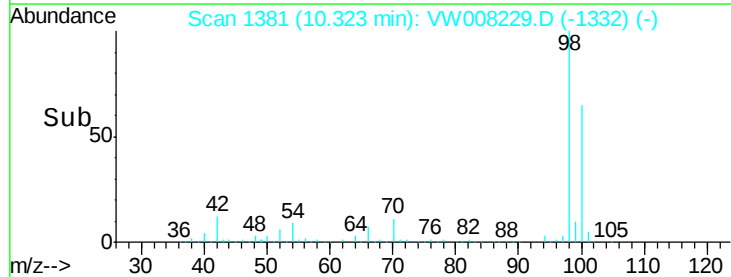
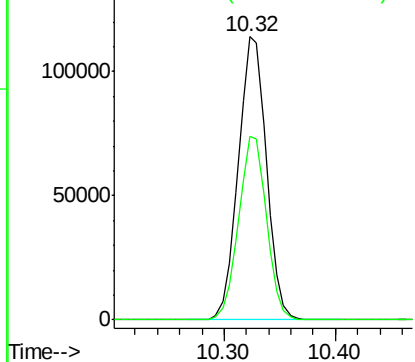


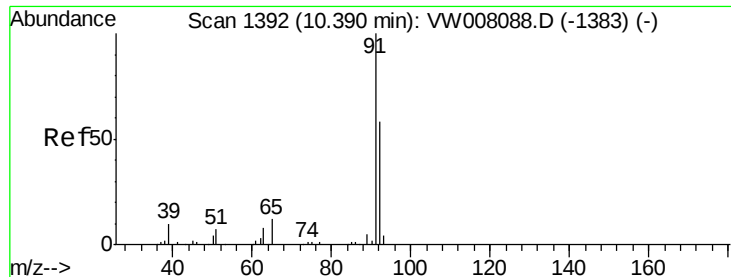
#50
Toluene-d8
Concen: 51.146 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008229.D
Acq: 12 Jan 2019 08:54

Tgt Ion: 98 Resp: 199765
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.539 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008229.D

Acq: 12 Jan 2019 08:54

Instrument :

MSVOA_W

ClientSampled :

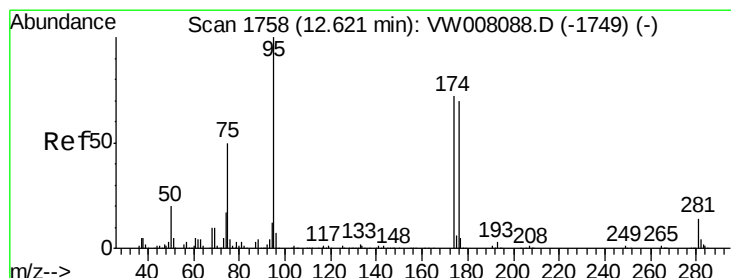
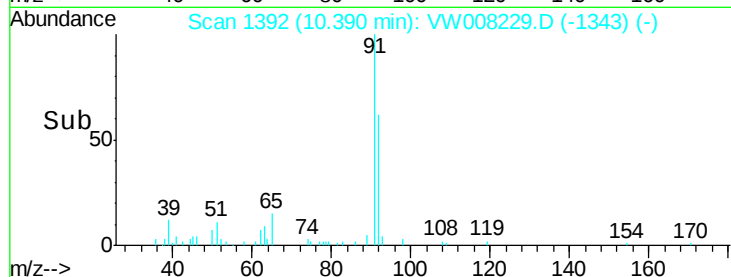
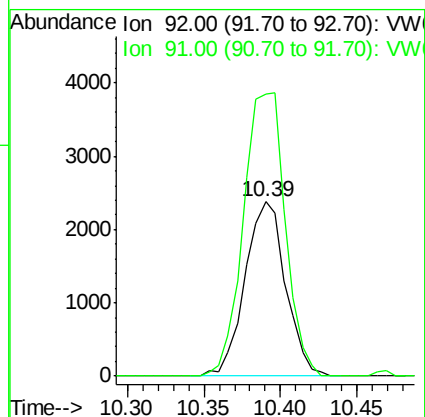
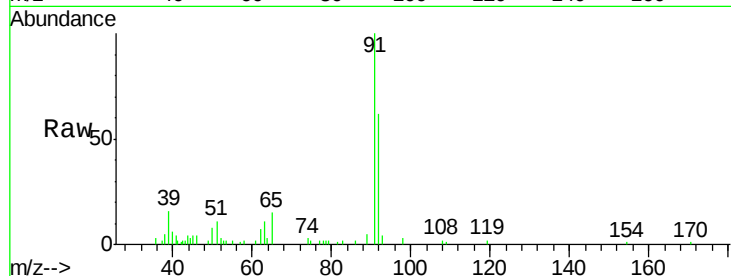
SB-3I(4-4.5)

Tot Ion: 92 Resp: 4381

Ion Ratio Lower Upper

92 100

91 168.3 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 42.289 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008229.D

Acq: 12 Jan 2019 08:54

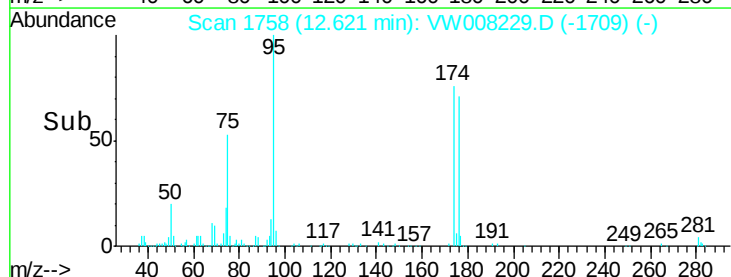
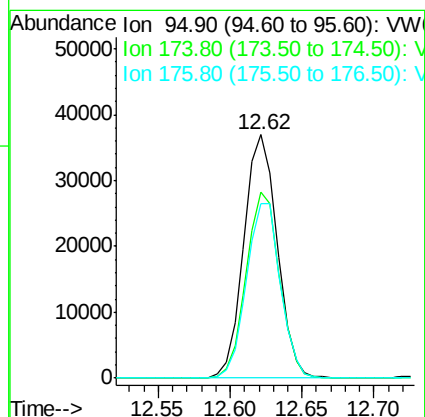
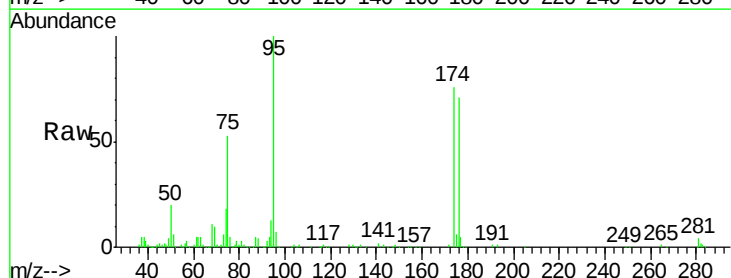
Tgt Ion: 95 Resp: 59214

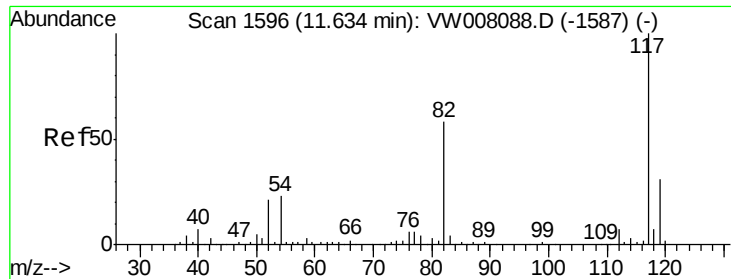
Ion Ratio Lower Upper

95 100

174 76.3 0.0 143.0

176 72.5 0.0 140.2

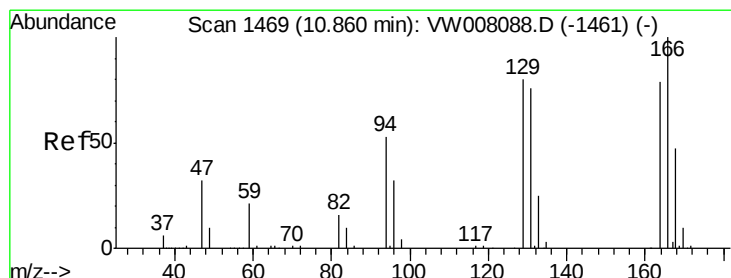
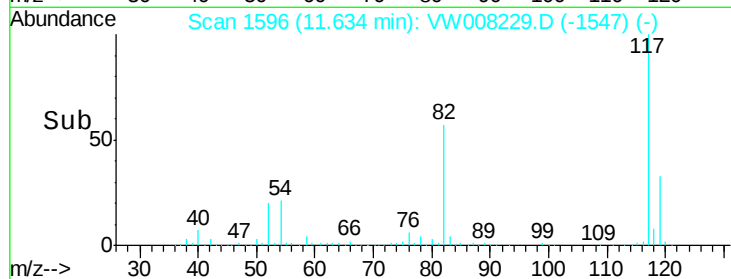
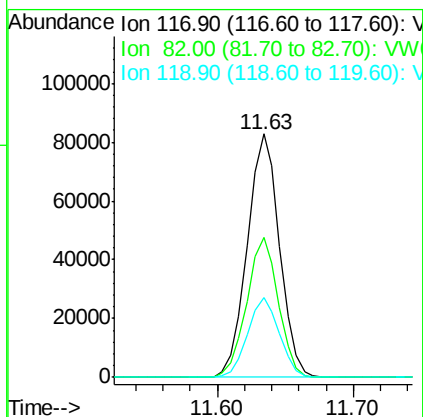
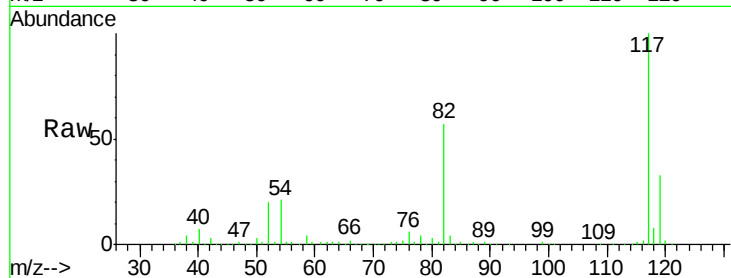




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008229.D
Acq: 12 Jan 2019 08:54

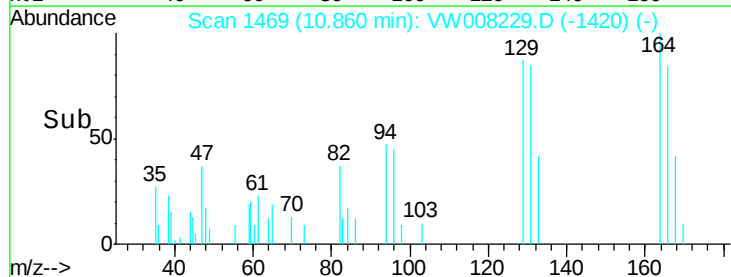
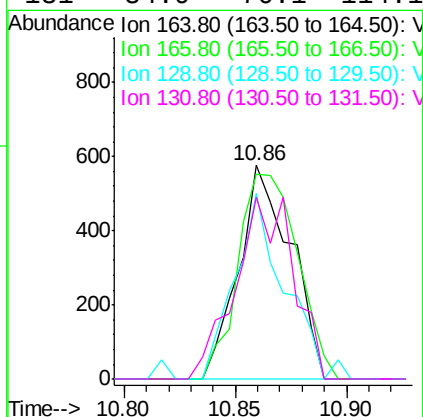
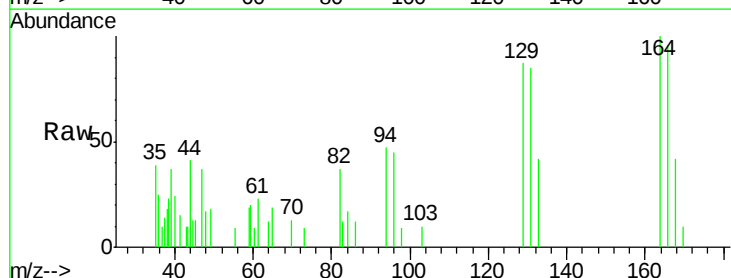
Instrument :
MSVOA_W
ClientSampled :
SB-3I(4-4.5)

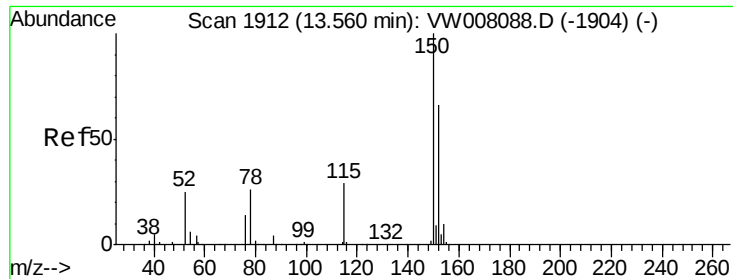
Tot Ion:117 Resp: 137686
Ion Ratio Lower Upper
117 100
82 57.3 46.4 69.6
119 32.7 24.7 37.1



#64
Tetrachloroethene
Concen: 1.042 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008229.D
Acq: 12 Jan 2019 08:54

Tgt Ion:164 Resp: 934
Ion Ratio Lower Upper
164 100
166 95.7 100.7 151.1#
129 86.8 81.0 121.4
131 84.9 76.1 114.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008229.D

Acq: 12 Jan 2019 08:54

Instrument :

MSVOA_W

ClientSampleId :

SB-3I(4-4.5)

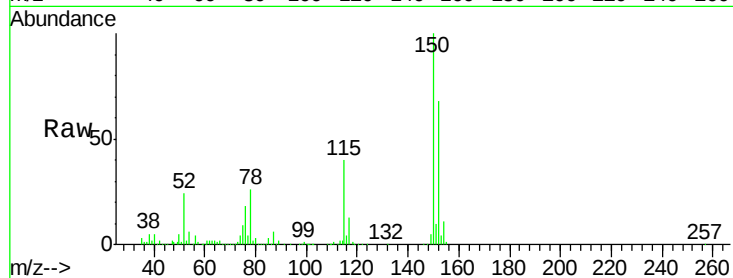
Tot Ion:152 Resp: 52874

Ion Ratio Lower Upper

152 100

115 60.3 30.8 92.4

150 156.8 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

