

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081019\
 Data File : VW011792.D
 Acq On : 09 Aug 2019 02:22
 Operator : SY/VA
 Sample : K4228-11
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-N-(1)

Quant Time: Aug 09 06:07:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

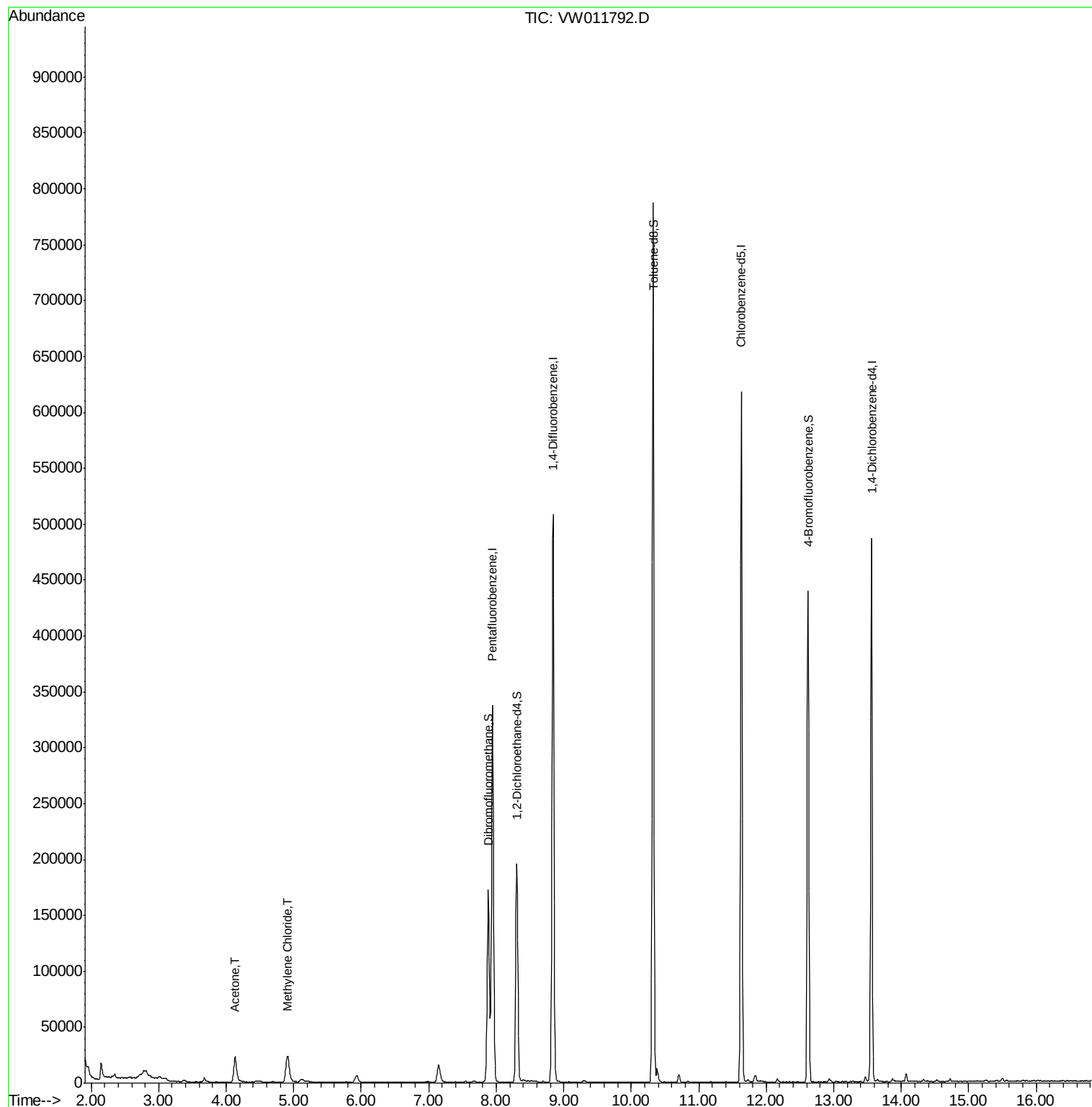
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	400944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	154984	55.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.36%	
35) Dibromofluoromethane	7.88	113	122693	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
50) Toluene-d8	10.32	98	488727	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.62	95	147353	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
Target Compounds						
16) Acetone	4.14	43	43790	49.461	ug/l	97
20) Methylene Chloride	4.92	84	17754	5.815	ug/l	91

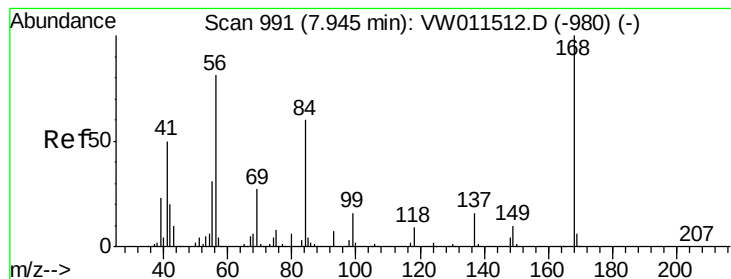
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 27 00:23:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011792.D

Acq: 09 Aug 2019 02:22

Instrument :

MSVOA_W

ClientSampleId :

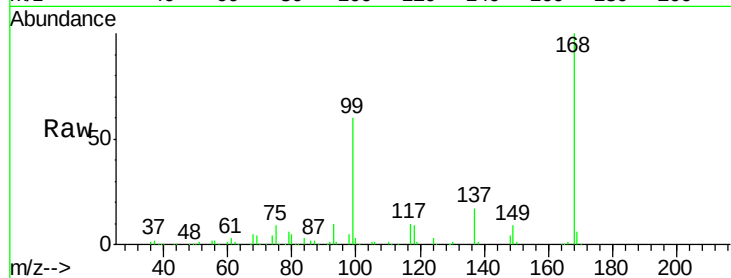
1S-N(1)

Tot Ion:168 Resp: 242386

Ion Ratio Lower Upper

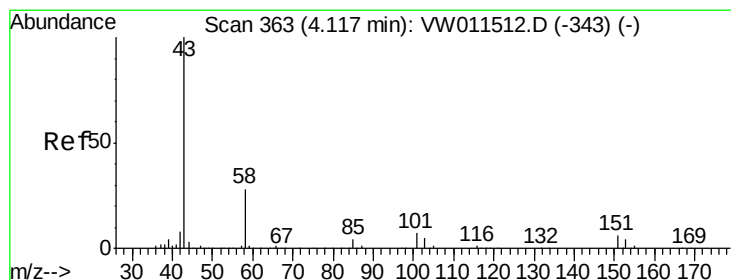
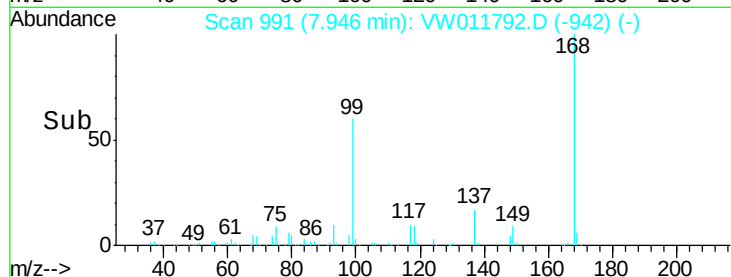
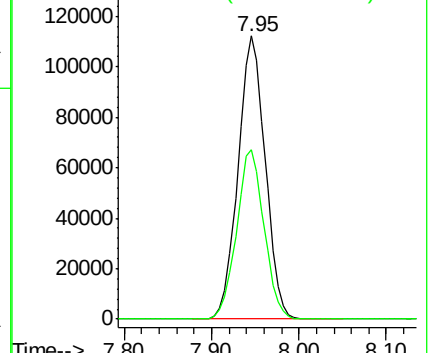
168 100

99 59.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 49.461 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011792.D

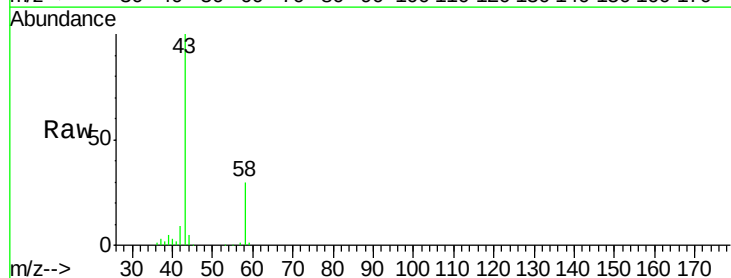
Acq: 09 Aug 2019 02:22

Tgt Ion: 43 Resp: 43790

Ion Ratio Lower Upper

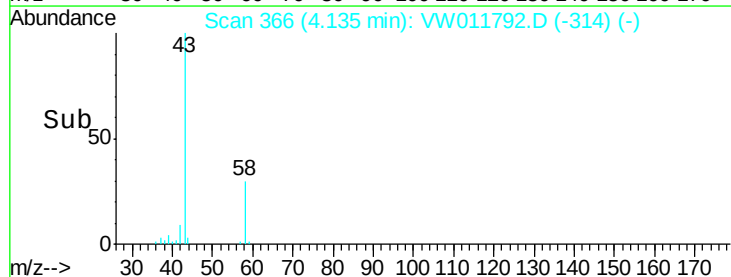
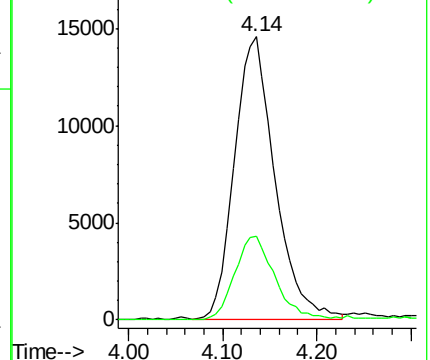
43 100

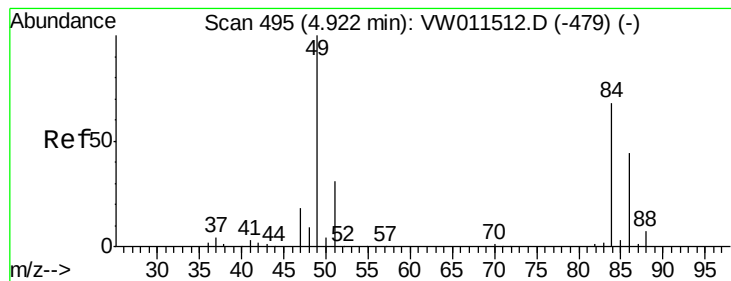
58 29.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 5.815 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011792.D

Acq: 09 Aug 2019 02:22

Instrument :

MSVOA_W

ClientSampleId :

1S-N(1)

Tot Ion: 84 Resp: 17754

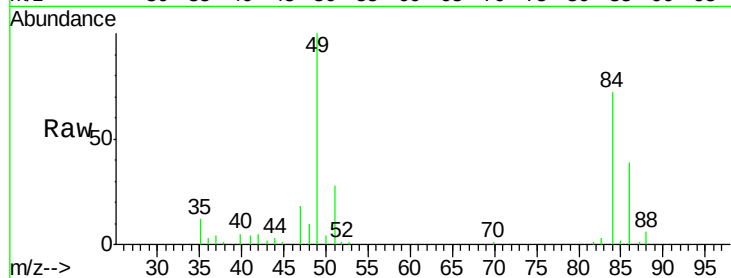
Ion Ratio Lower Upper

84 100

49 138.6 117.8 176.6

51 38.2 37.0 55.4

86 54.6 51.8 77.8



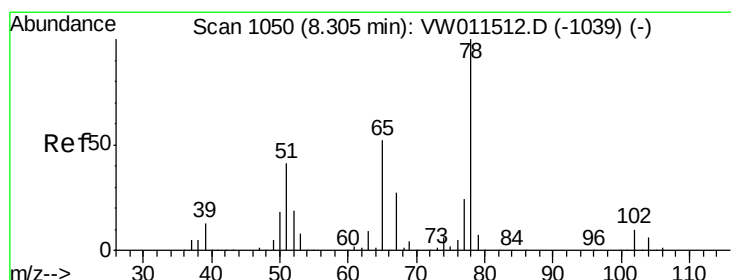
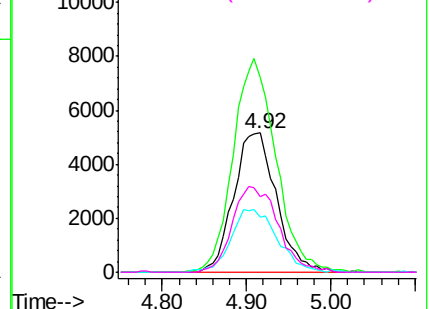
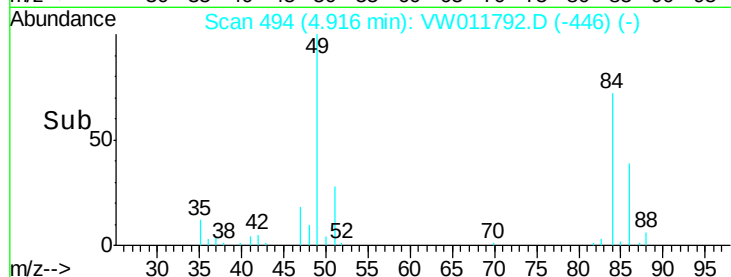
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 55.684 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011792.D

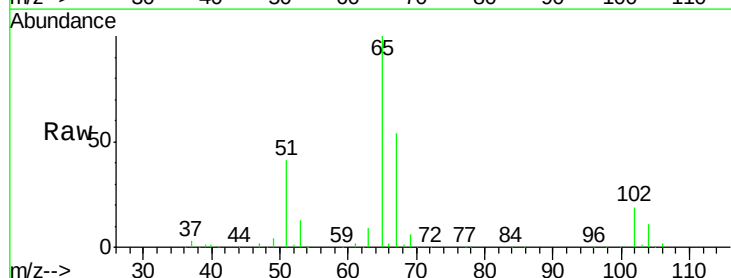
Acq: 09 Aug 2019 02:22

Tgt Ion: 65 Resp: 154984

Ion Ratio Lower Upper

65 100

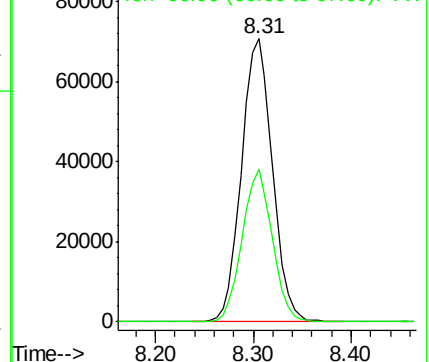
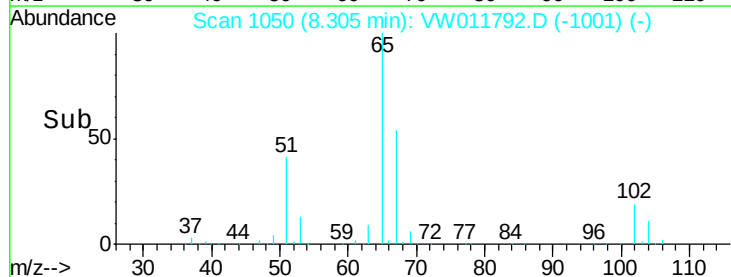
67 52.5 0.0 105.2

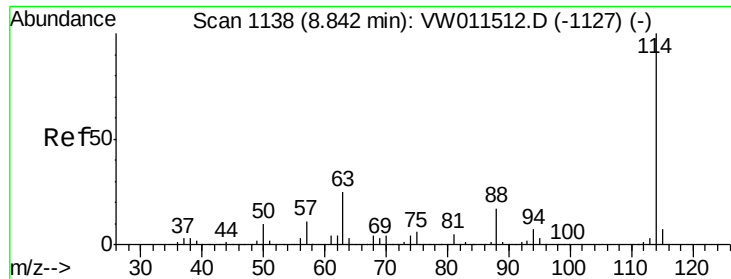


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

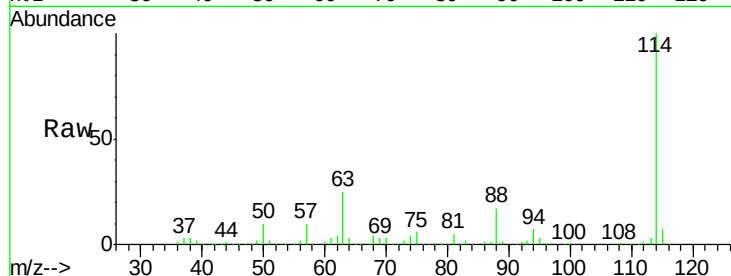




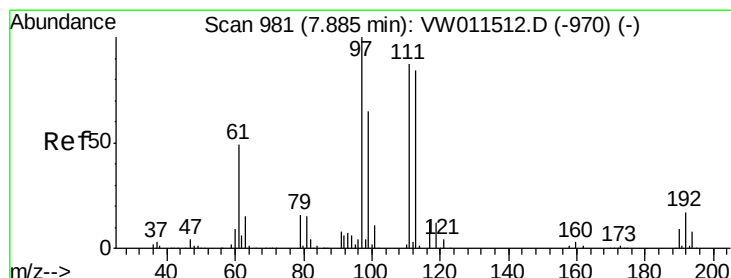
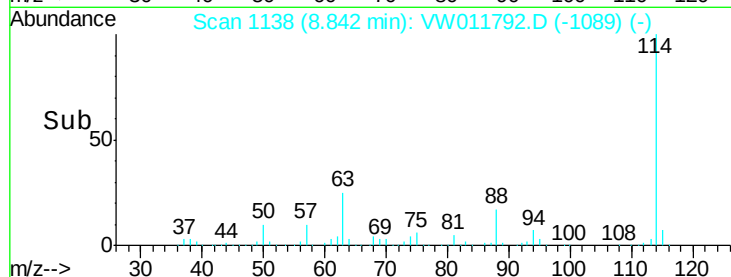
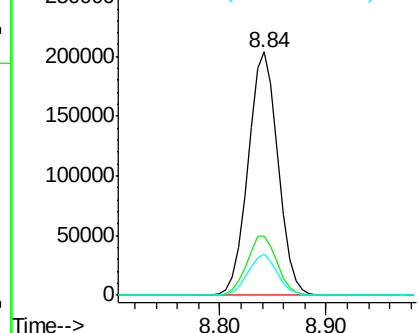
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011792.D
Acq: 09 Aug 2019 02:22

Instrument :
MSVOA_W
ClientSampleId :
1S-N(1)

Tot Ion:114 Resp: 400944
Ion Ratio Lower Upper
114 100
63 24.6 0.0 49.2
88 16.9 0.0 33.8

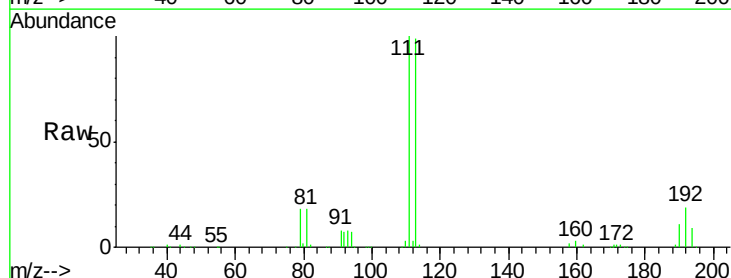


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

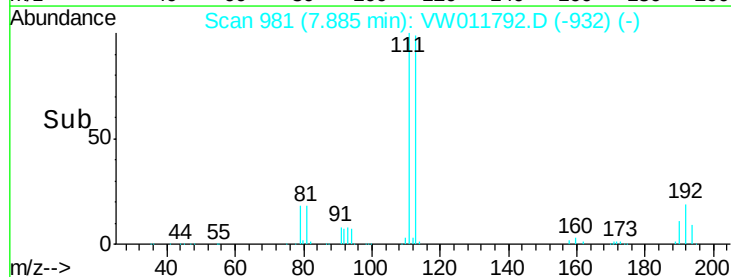
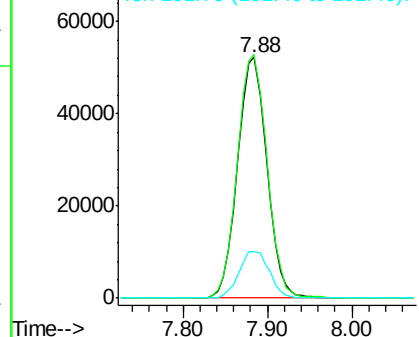


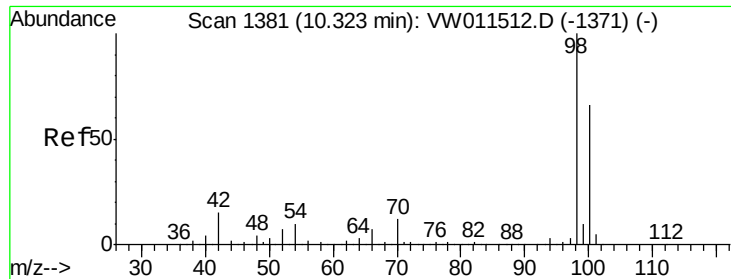
#35
Dibromofluoromethane
Concen: 54.546 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011792.D
Acq: 09 Aug 2019 02:22

Tgt Ion:113 Resp: 122693
Ion Ratio Lower Upper
113 100
111 102.4 82.7 124.1
192 20.2 16.1 24.1



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: 53.067 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011792.D

Acq: 09 Aug 2019 02:22

Instrument :

MSVOA_W

ClientSampleId :

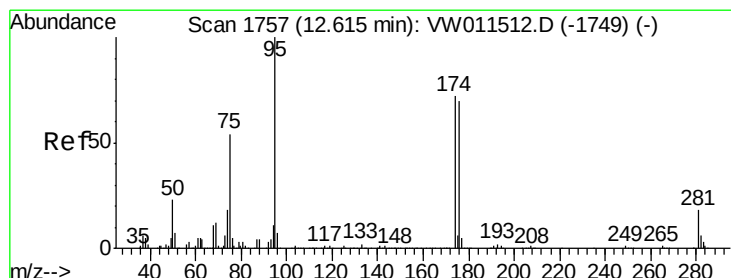
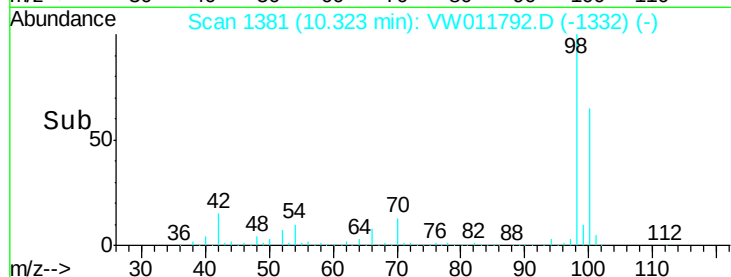
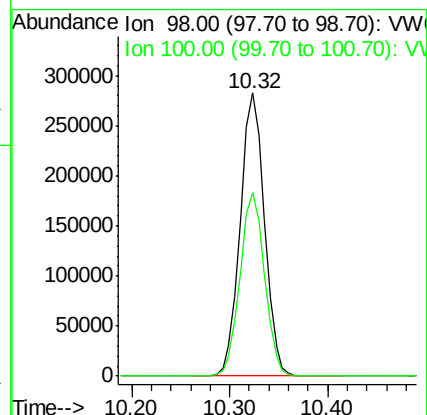
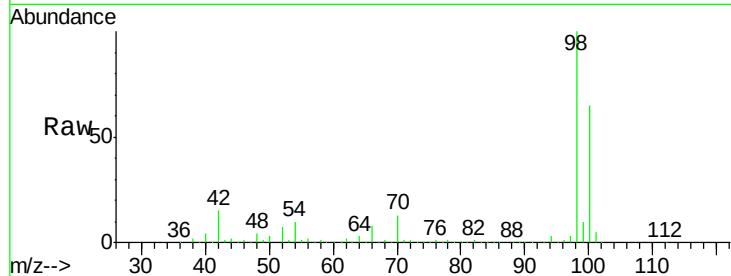
1S-N(1)

Tot Ion: 98 Resp: 488727

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 44.878 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011792.D

Acq: 09 Aug 2019 02:22

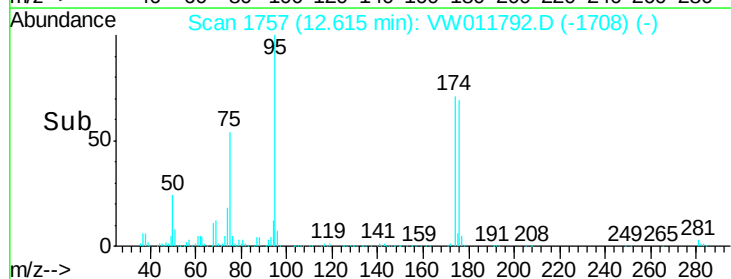
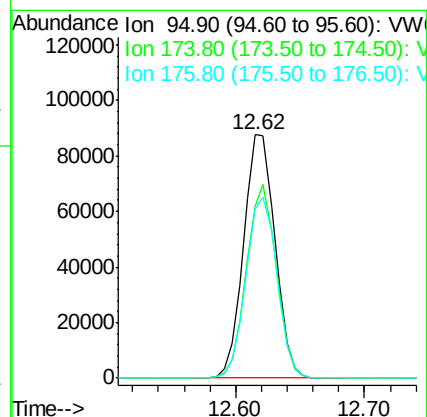
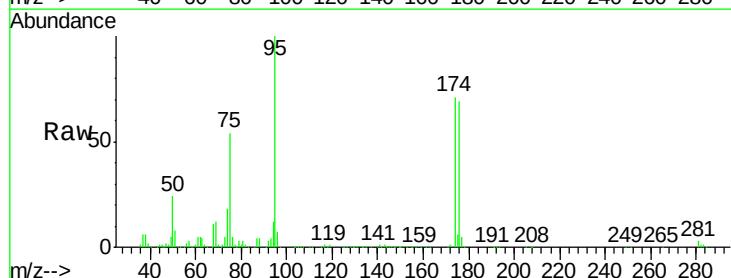
Tgt Ion: 95 Resp: 147353

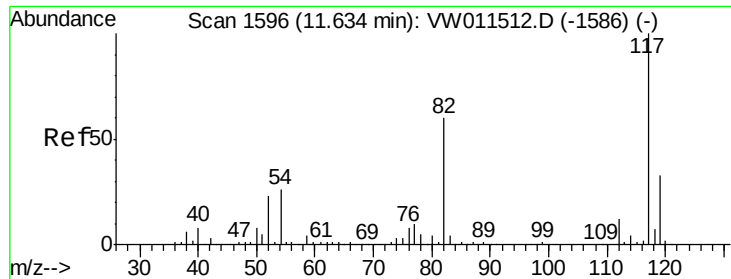
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

176 73.2 0.0 144.4

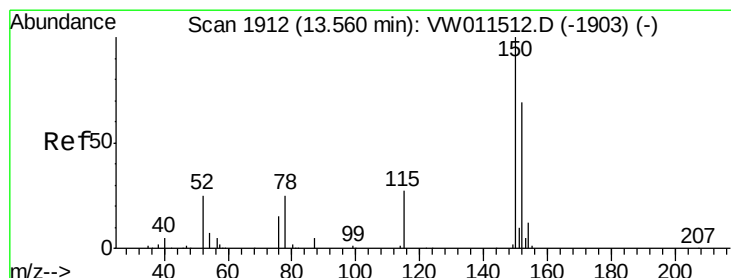
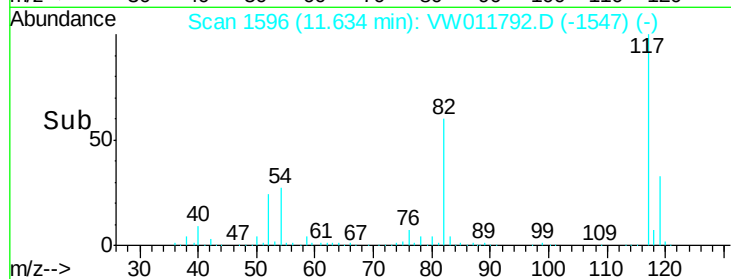
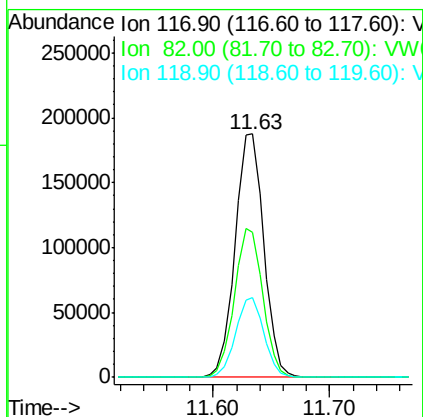
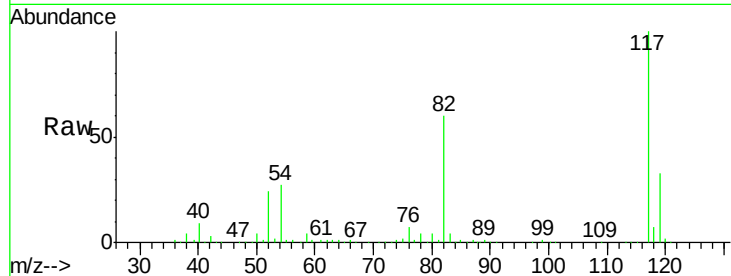




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011792.D
Acq: 09 Aug 2019 02:22

Instrument :
MSVOA_W
ClientSampleId :
1S-N(1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.9	71.9
119	32.9	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011792.D
Acq: 09 Aug 2019 02:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.5	91.5
150	156.0	0.0	352.6

