

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081019\
 Data File : VW011789.D
 Acq On : 09 Aug 2019 01:05
 Operator : SY/VA
 Sample : K4228-08
 Misc : 7.10G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-F1-(1)

Quant Time: Aug 09 06:02:34 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

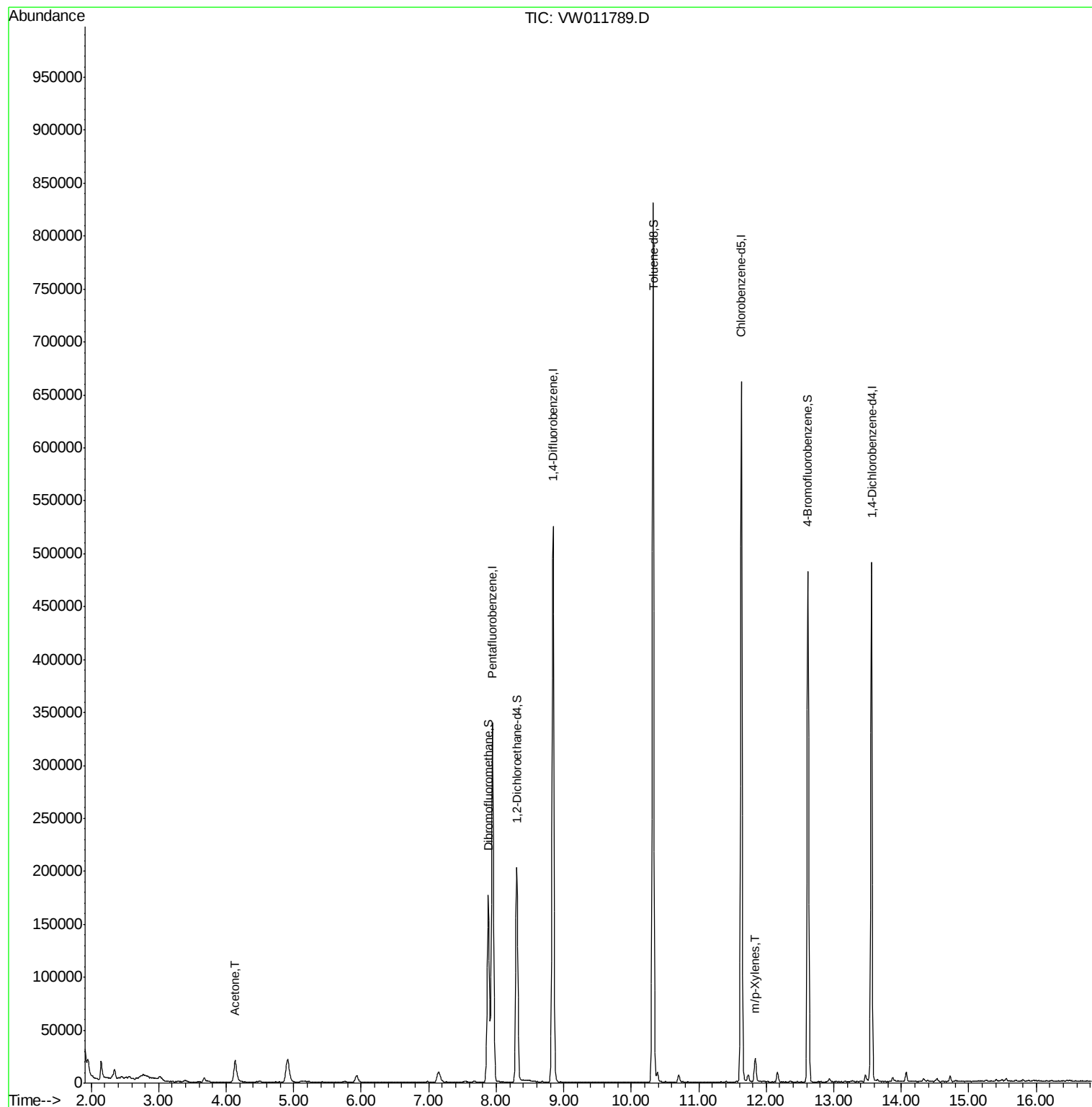
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	161337	57.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.66%	
35) Dibromofluoromethane	7.88	113	126515	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
50) Toluene-d8	10.32	98	514874	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
62) 4-Bromofluorobenzene	12.62	95	155868	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
Target Compounds						
16) Acetone	4.13	43	41661	46.538	ug/l	98
68) m/p-Xylenes	11.84	106	6408	1.320	ug/l	97

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

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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: VW011789.D

Acq: 09 Aug 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

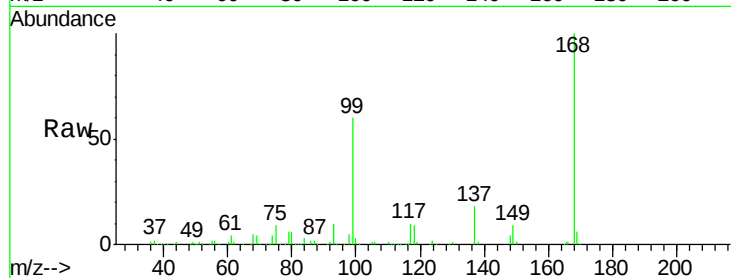
2S-F1-(1)

Tot Ion:168 Resp: 245086

Ion Ratio Lower Upper

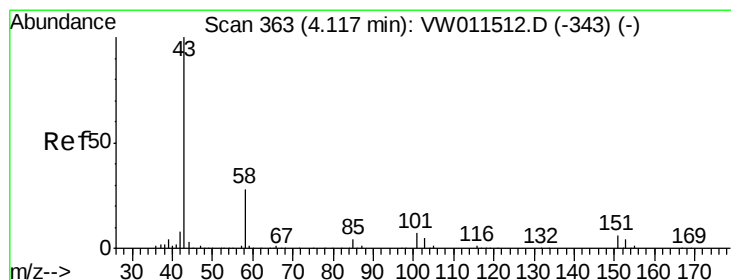
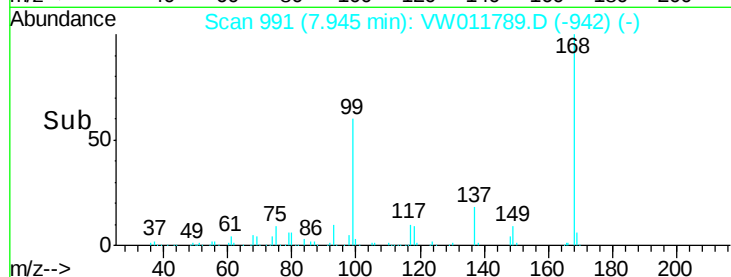
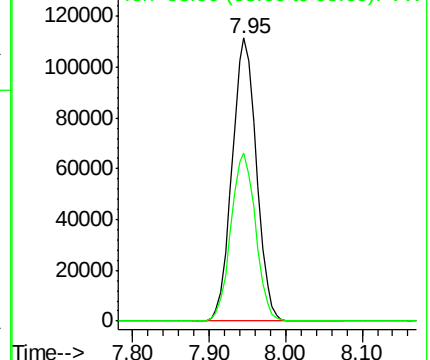
168 100

99 59.6 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: 46.538 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011789.D

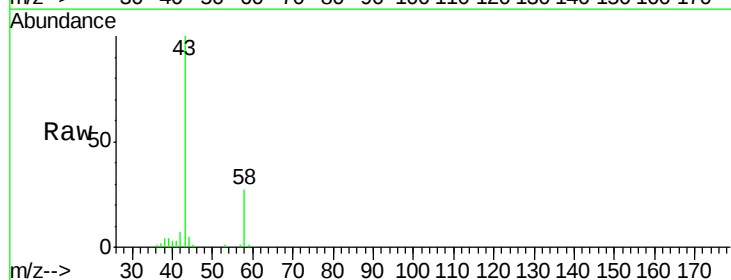
Acq: 09 Aug 2019 01:05

Tgt Ion: 43 Resp: 41661

Ion Ratio Lower Upper

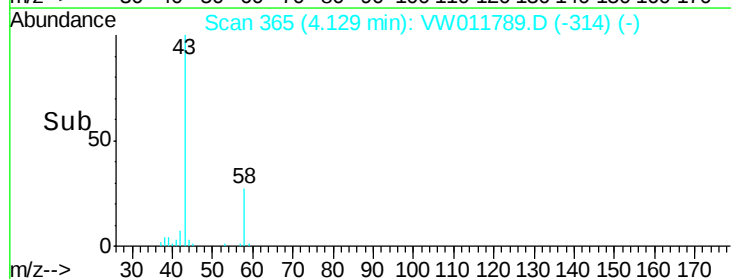
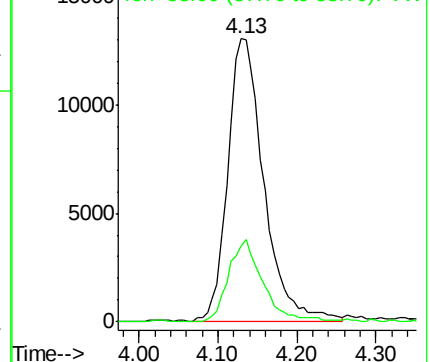
43 100

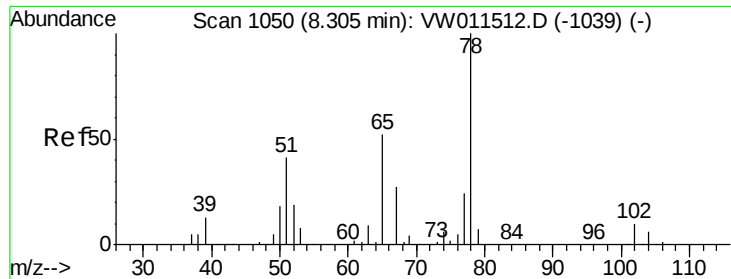
58 27.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

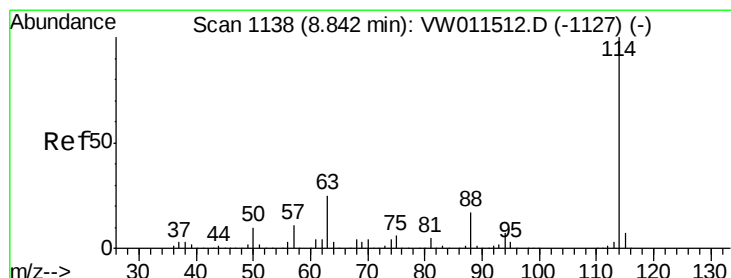
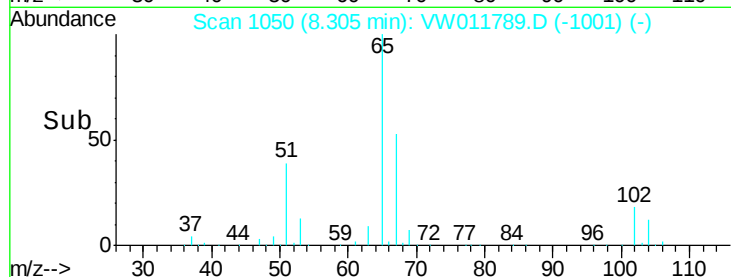
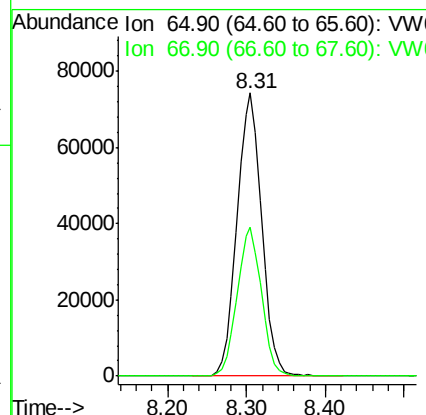
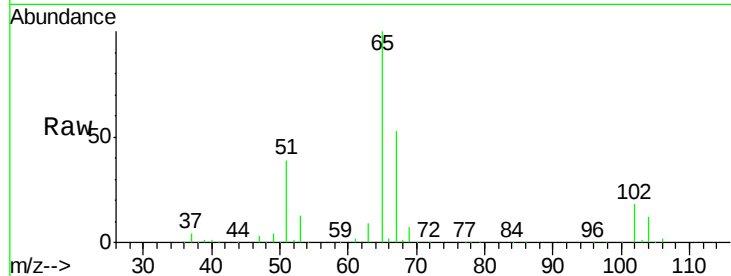




#33
 1,2-Dichloroethane-d4
 Concen: 57.328 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011789.D
 Acq: 09 Aug 2019 01:05

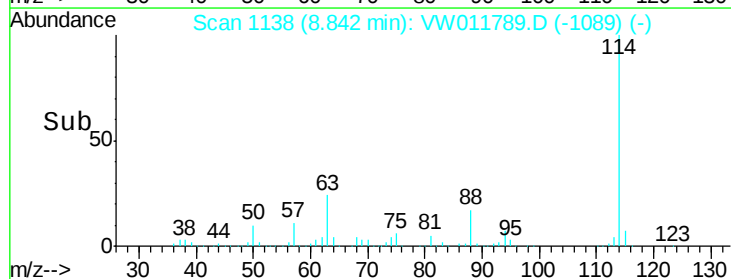
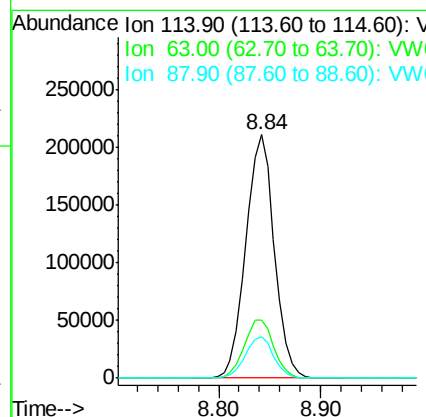
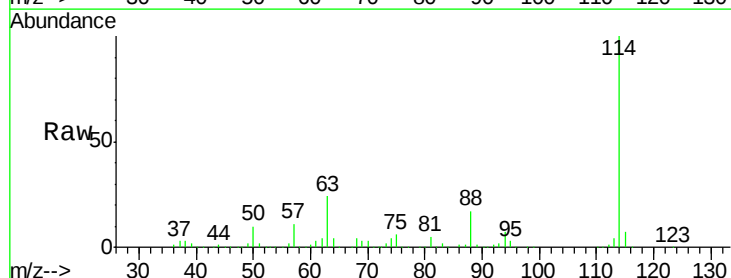
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-F1-(1)

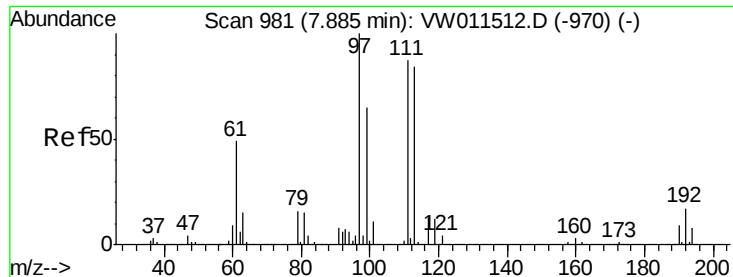
Tot Ion: 65 Resp: 161337
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011789.D
 Acq: 09 Aug 2019 01:05

Tgt Ion: 114 Resp: 408523
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 49.2
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.201 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011789.D

Acq: 09 Aug 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

2S-F1-(1)

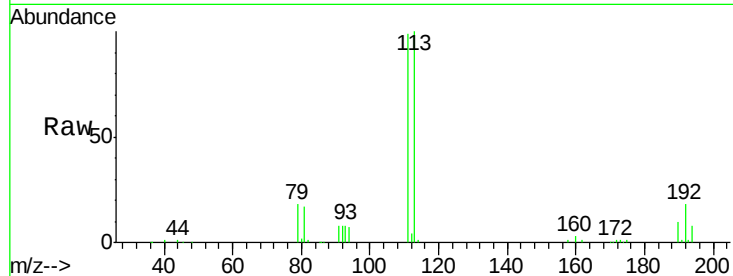
Tot Ion:113 Resp: 126515

Ion Ratio Lower Upper

113 100

111 101.5 82.7 124.1

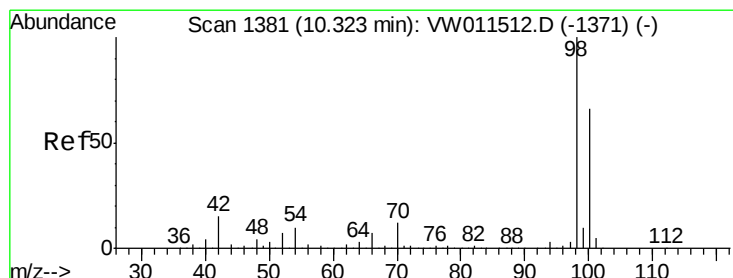
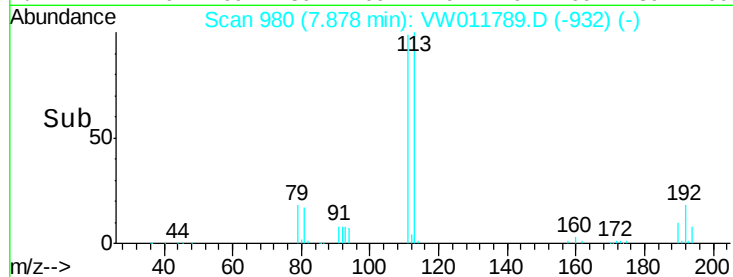
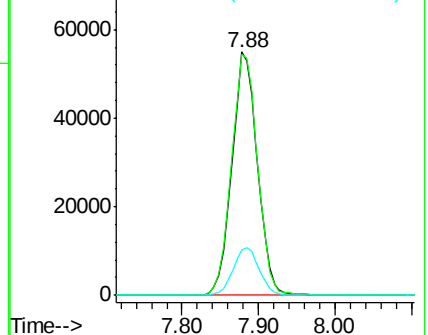
192 19.9 16.1 24.1



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: 54.869 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011789.D

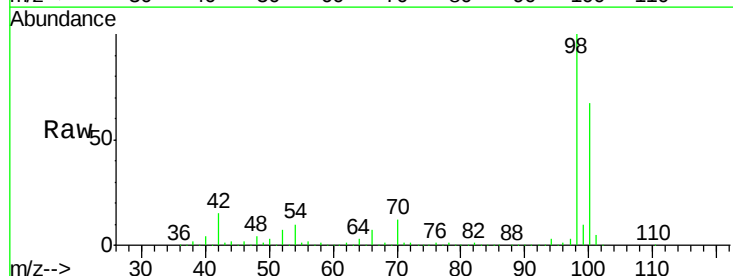
Acq: 09 Aug 2019 01:05

Tgt Ion: 98 Resp: 514874

Ion Ratio Lower Upper

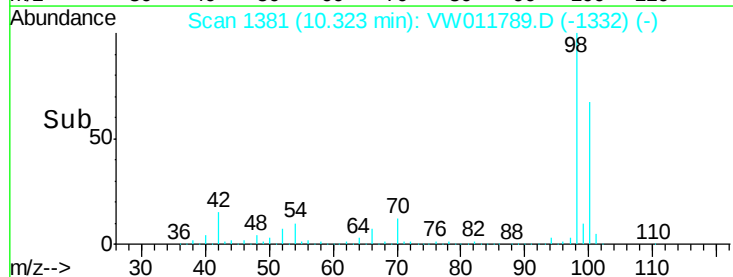
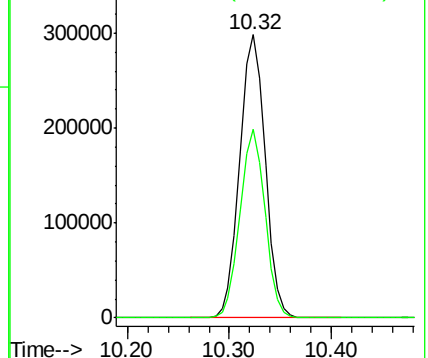
98 100

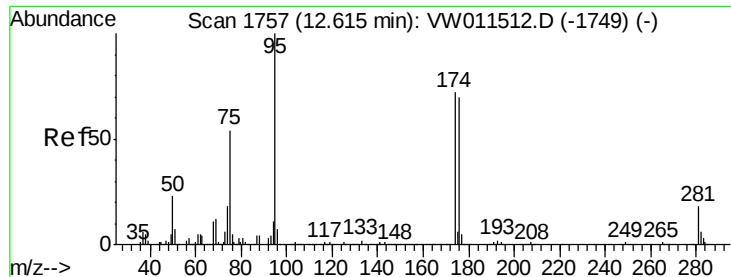
100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.591 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011789.D

Acq: 09 Aug 2019 01:05

Instrument :

MSVOA_W

ClientSampleId :

2S-F1-(1)

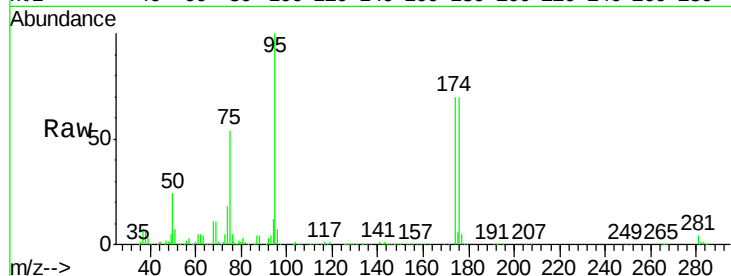
Tot Ion: 95 Resp: 155868

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

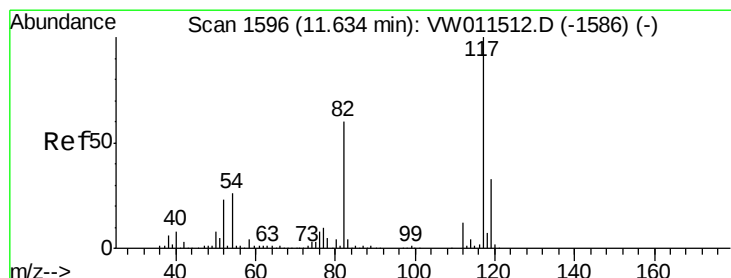
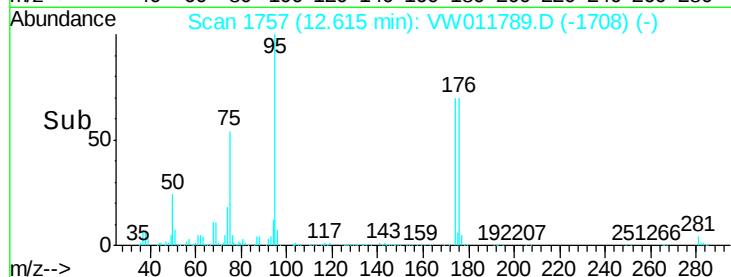
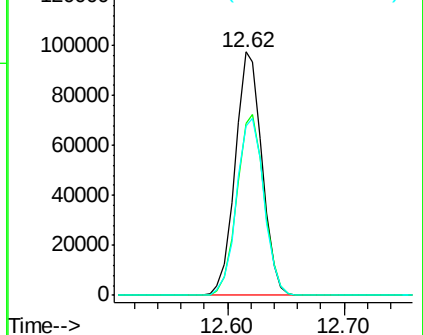
176 74.7 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW011789.D

Acq: 09 Aug 2019 01:05

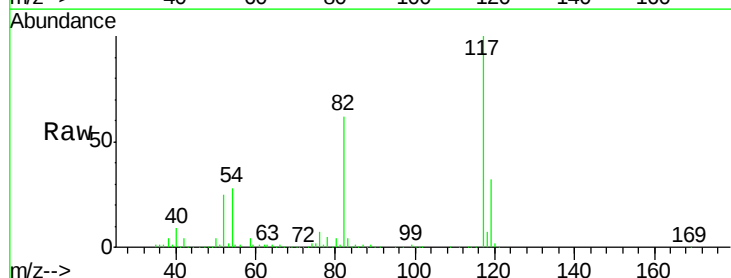
Tgt Ion: 117 Resp: 348489

Ion Ratio Lower Upper

117 100

82 61.8 47.9 71.9

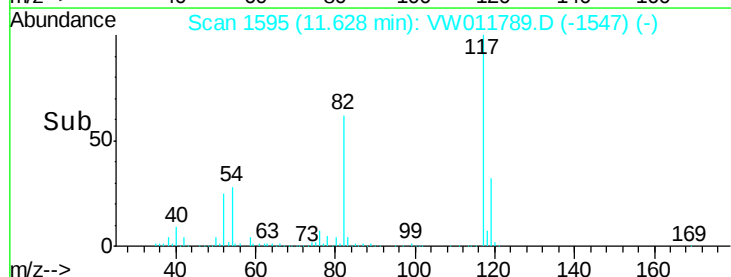
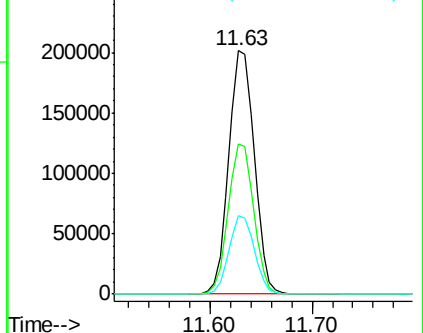
119 32.0 26.2 39.2

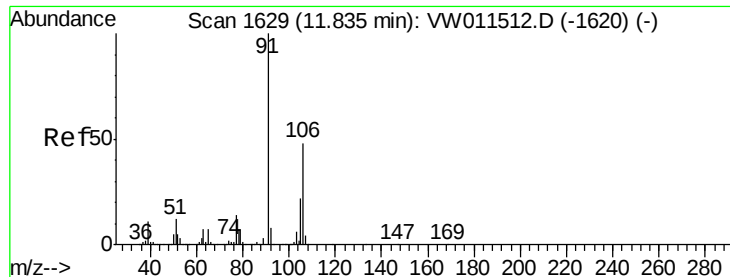


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

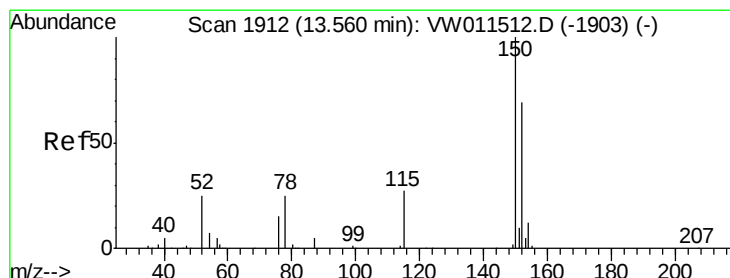
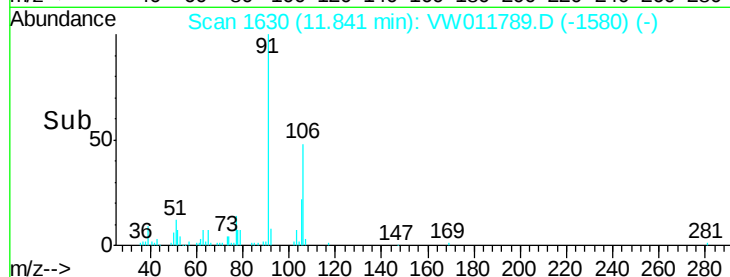
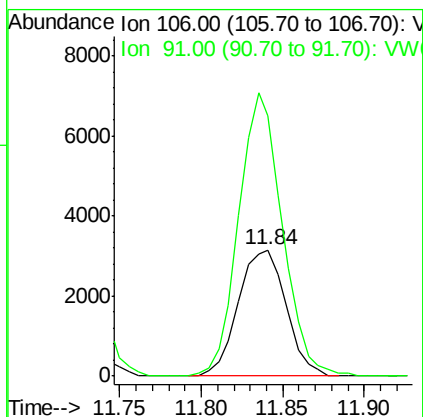
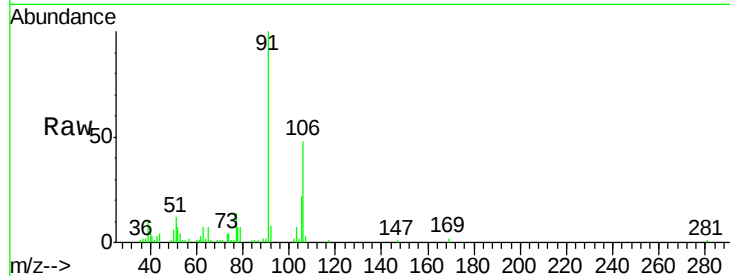




#68
m/p-Xvlenes
Concen: 1.320 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011789.D
Acq: 09 Aug 2019 01:05

Instrument :
MSVOA_W
ClientSampleId :
2S-F1-(1)

Tot Ion:106 Resp: 6408
Ion Ratio Lower Upper
106 100
91 205.1 168.2 252.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011789.D
Acq: 09 Aug 2019 01:05

Tgt Ion:152 Resp: 119083
Ion Ratio Lower Upper
152 100
115 61.4 30.5 91.5
150 159.0 0.0 352.6

