

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071219\
 Data File : VW011226.D
 Acq On : 11 Jul 2019 13:50
 Operator : SY/VA
 Sample : K3757-02
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC006-SD-190710

Quant Time: Jul 12 09:32:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

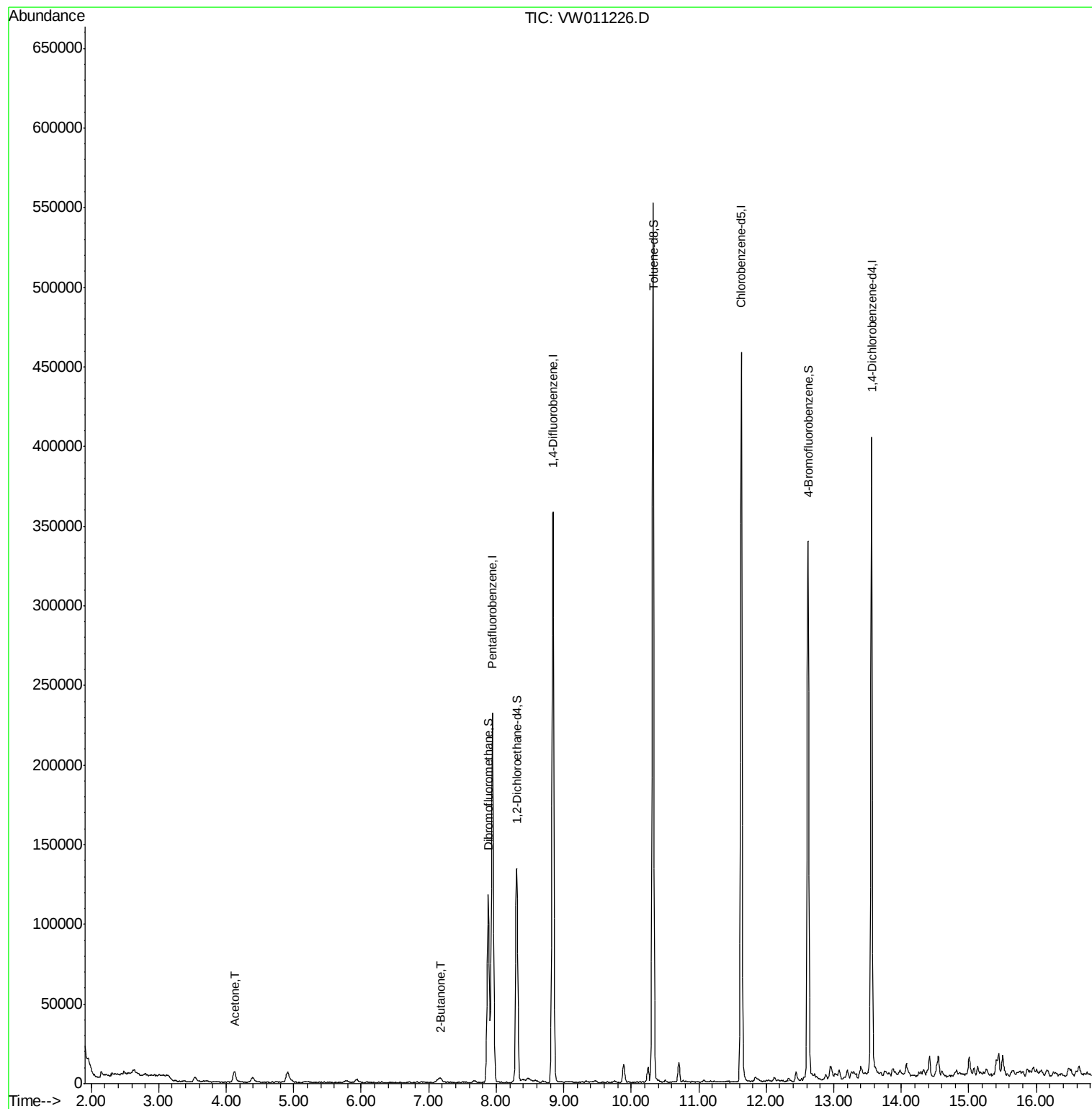
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	165252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	282943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	233314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	96721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	107675	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
35) Dibromofluoromethane	7.88	113	84461	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.32	98	349057	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.62	95	110564	44.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.50%	
Target Compounds						
16) Acetone	4.12	43	13974	27.969	ug/l	97
25) 2-Butanone	7.18	43	4560	5.814	ug/l	99

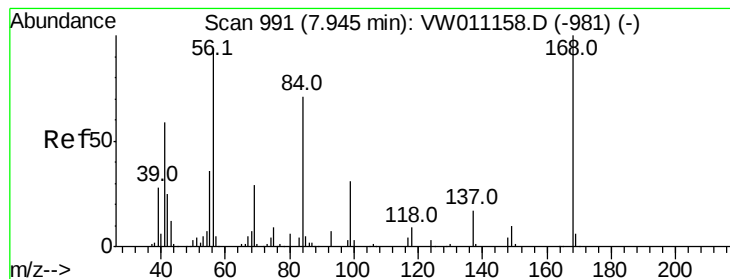
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Acq: 11 Jul 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

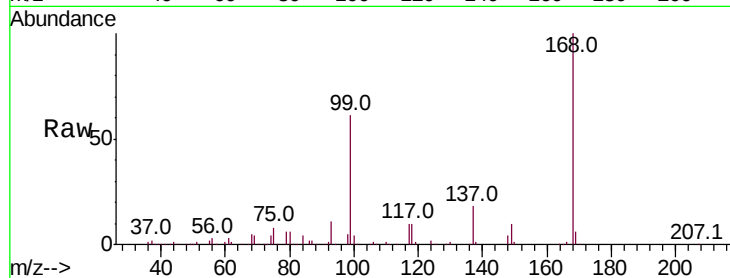
KY030LC006-SD-190710

Tot Ion:168 Resp: 165252

Ion Ratio Lower Upper

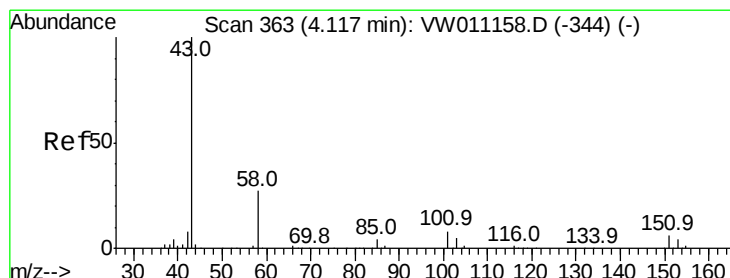
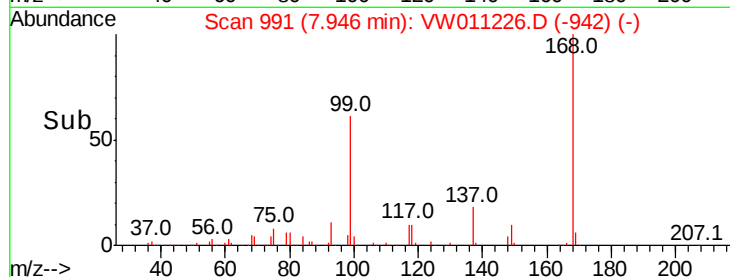
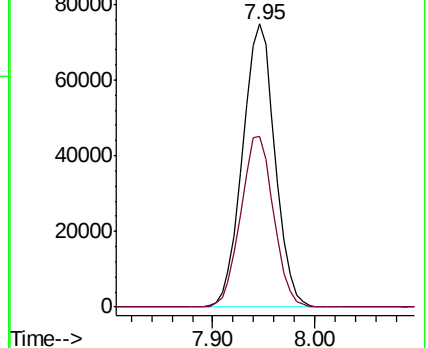
168 100

99 60.5 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 27.969 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011226.D

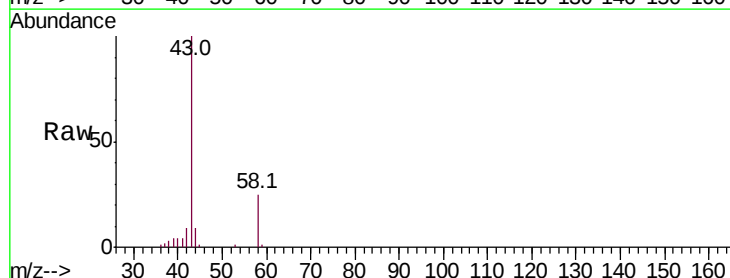
Acq: 11 Jul 2019 13:50

Tgt Ion: 43 Resp: 13974

Ion Ratio Lower Upper

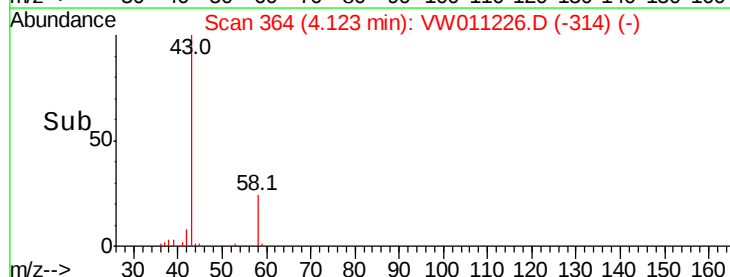
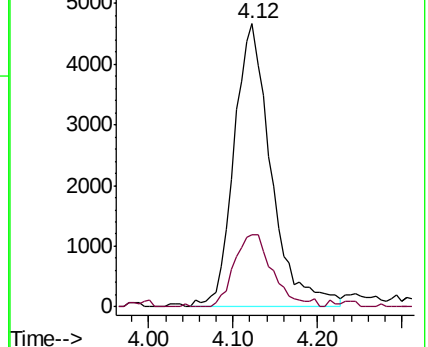
43 100

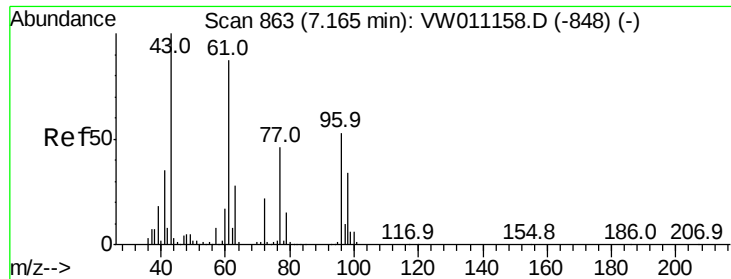
58 25.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 5.814 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011226.D

Acq: 11 Jul 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

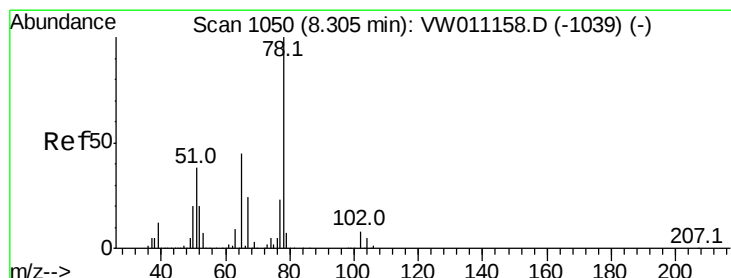
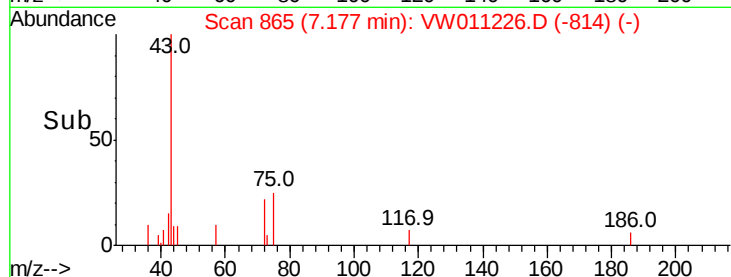
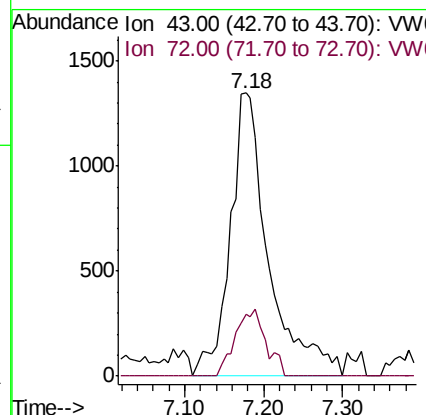
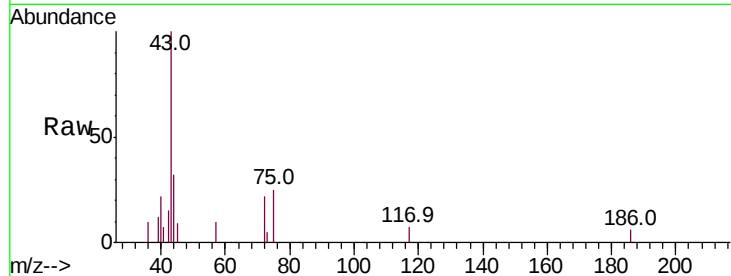
KY030LC006-SD-190710

Tot Ion: 43 Resp: 4560

Ion Ratio Lower Upper

43 100

72 21.8 17.6 26.4



#33

1,2-Dichloroethane-d4

Concen: 51.855 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011226.D

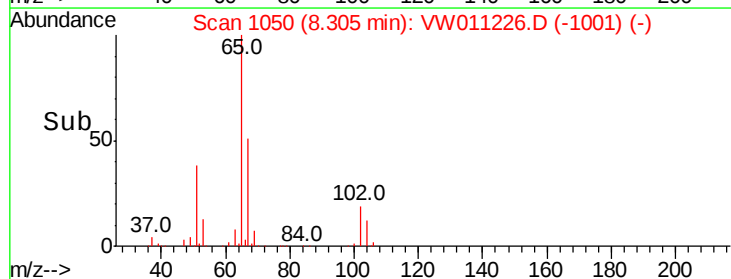
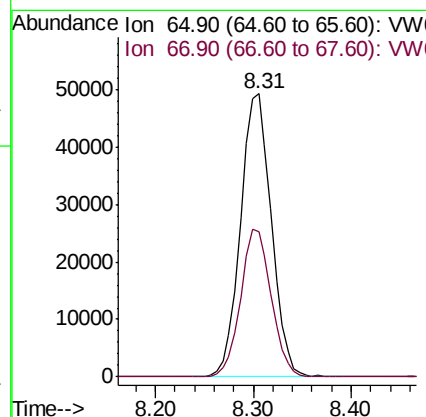
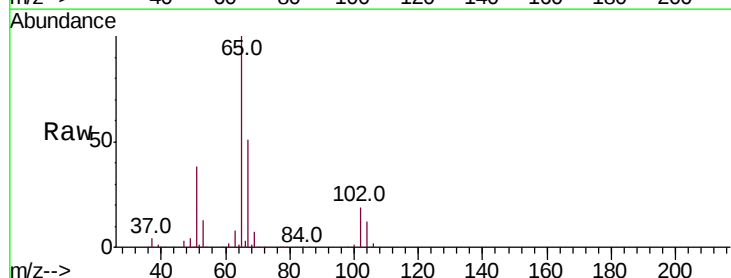
Acq: 11 Jul 2019 13:50

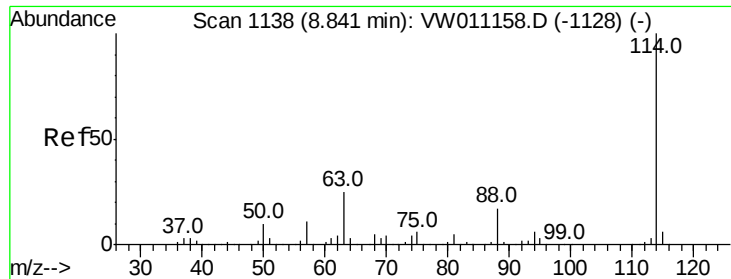
Tgt Ion: 65 Resp: 107675

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011226.D

Acq: 11 Jul 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

KY030LC006-SD-190710

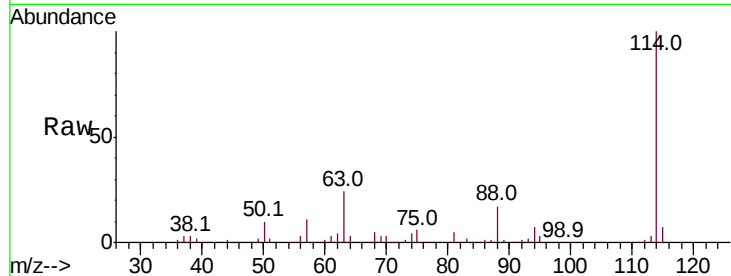
Tot Ion:114 Resp: 282943

Ion Ratio Lower Upper

114 100

63 24.3 0.0 50.8

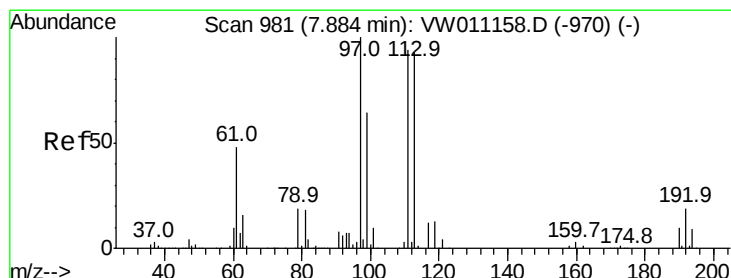
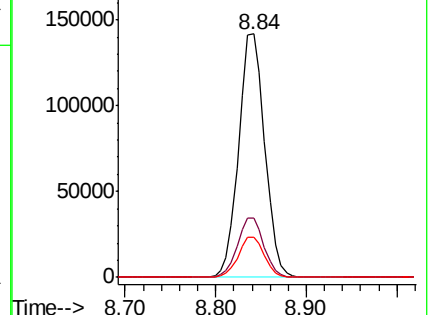
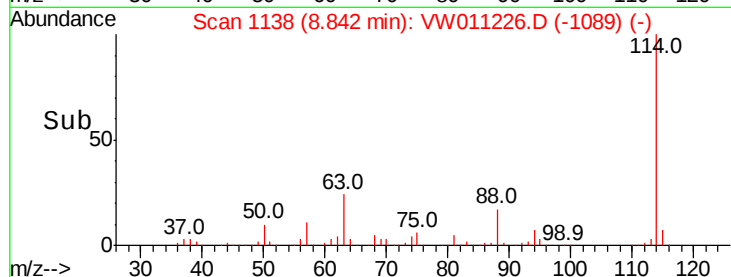
88 16.5 0.0 34.2



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: 50.082 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011226.D

Acq: 11 Jul 2019 13:50

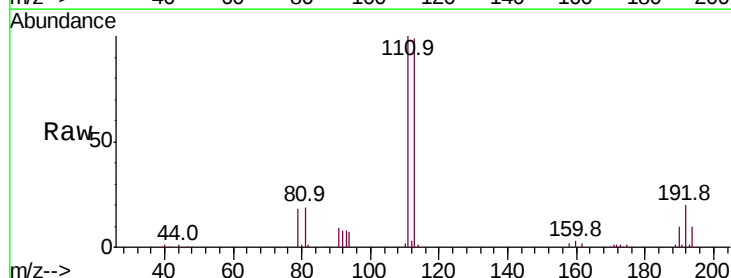
Tgt Ion:113 Resp: 84461

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

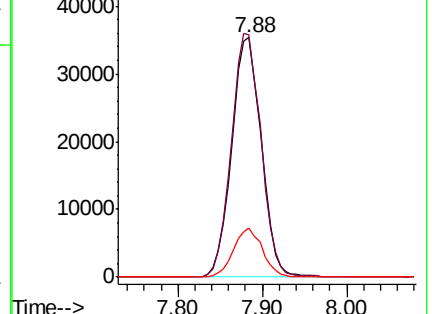
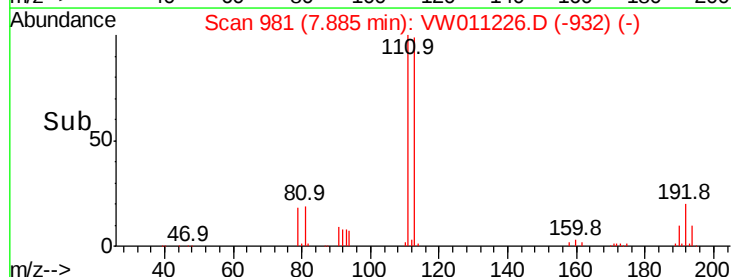
192 19.8 15.8 23.8

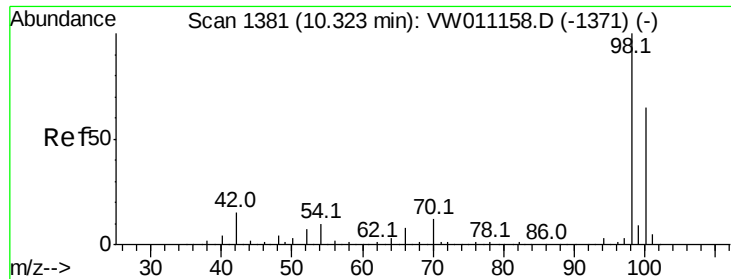


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.204 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011226.D

Acq: 11 Jul 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

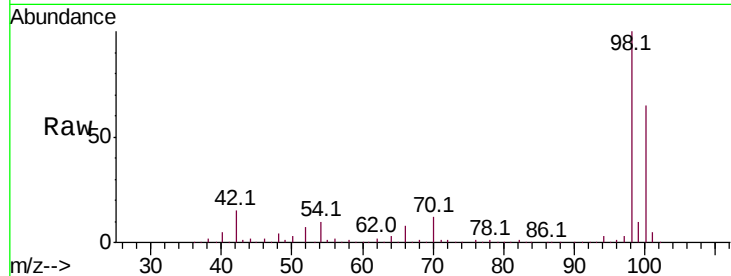
KY030LC006-SD-190710

Tot Ion: 98 Resp: 349057

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

200000

150000

100000

50000

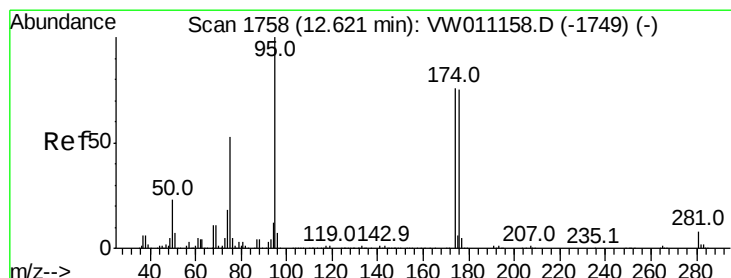
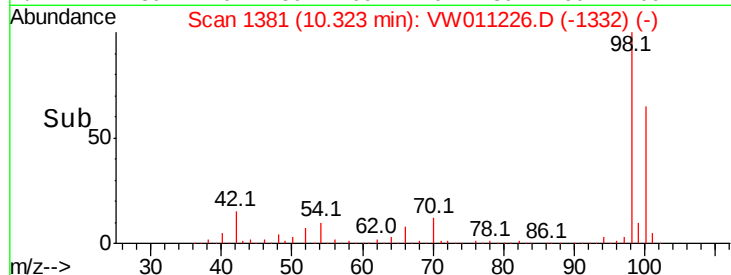
0

10.32

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 44.249 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011226.D

Acq: 11 Jul 2019 13:50

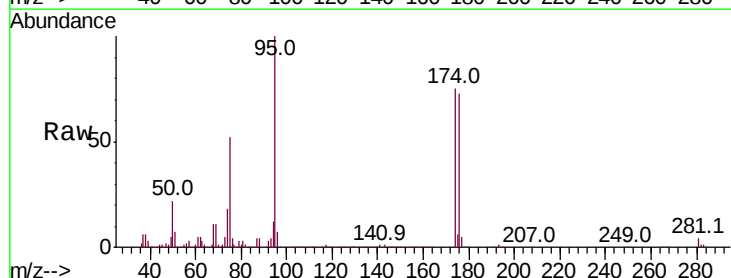
Tgt Ion: 95 Resp: 110564

Ion Ratio Lower Upper

95 100

174 74.0 0.0 147.6

176 71.7 0.0 144.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

60000

40000

20000

0

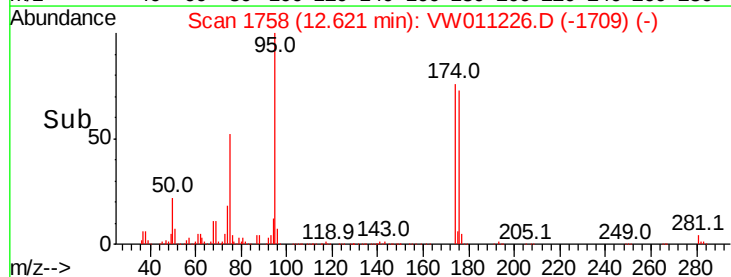
12.62

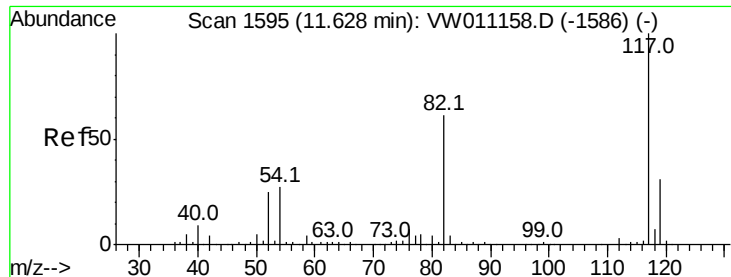
12.55

12.65

12.70

Time-->

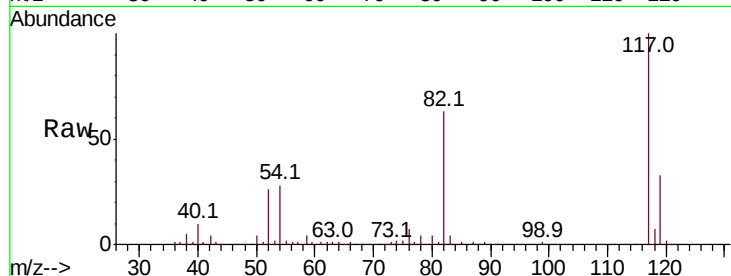




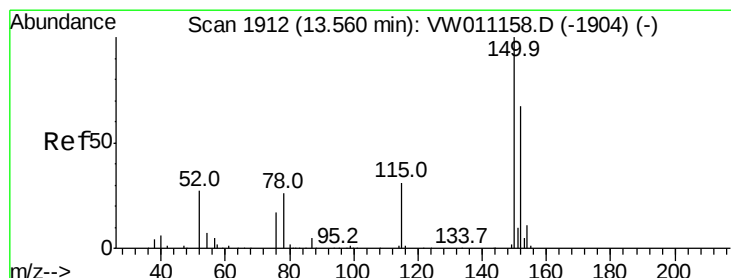
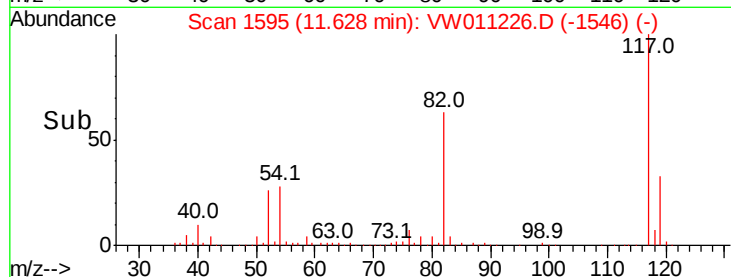
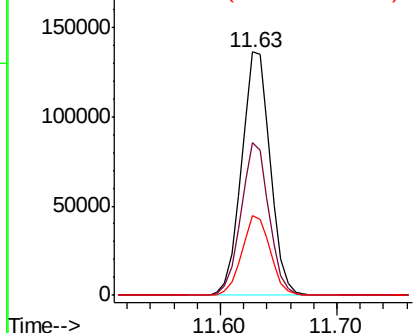
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011226.D
Acq: 11 Jul 2019 13:50

Instrument :
MSVOA_W
ClientSampleId :
KY030LC006-SD-190710

Tot Ion:117 Resp: 233314
Ion Ratio Lower Upper
117 100
82 62.6 48.9 73.3
119 32.8 25.0 37.6

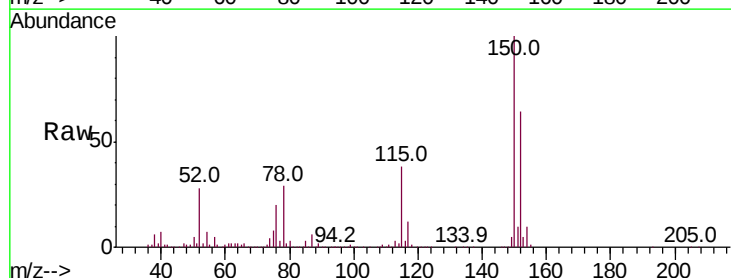


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011226.D
Acq: 11 Jul 2019 13:50

Tgt Ion:152 Resp: 96721
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.3
150 155.2 0.0 346.0



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

