

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006716.D
 Acq On : 07 Nov 2018 05:55
 Operator : SY/AP
 Sample : J5764-19RE
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-110218-JRE

Quant Time: Nov 07 12:41:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

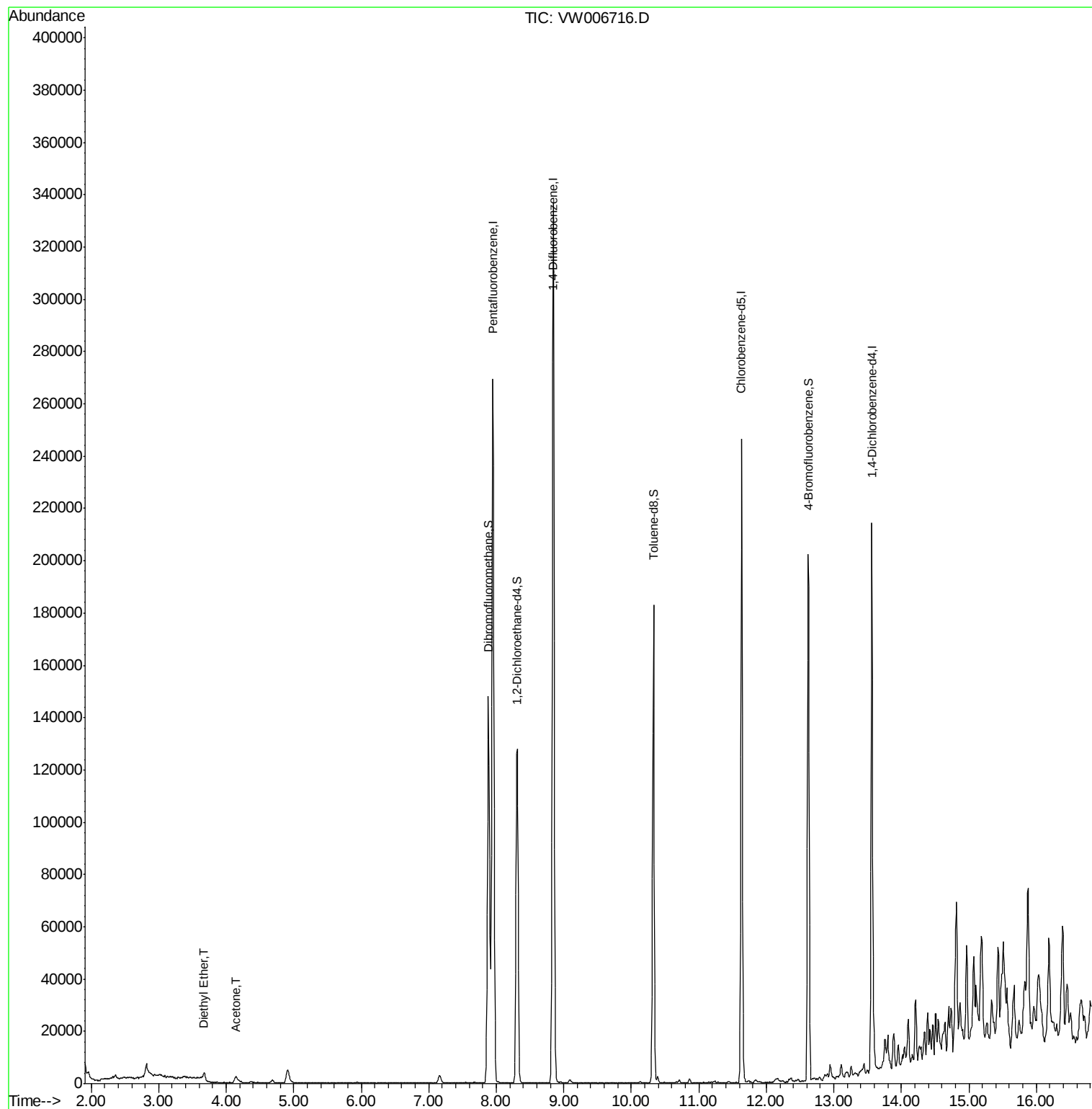
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	310352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	142914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	101941	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
35) Dibromofluoromethane	7.88	113	105522	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
50) Toluene-d8	10.33	98	130200	17.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.12%	
62) 4-Bromofluorobenzene	12.62	95	63245	23.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.06%	
Target Compounds						
8) Diethyl Ether	3.68	74	1849	1.907	ug/l	96
16) Acetone	4.15	43	4996	16.049	ug/l	95

(#) = 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# 992

Delta R.T. 0.00 min

Lab File: VW006716.D

Acq: 07 Nov 2018 05:55

Instrument :

MSVOA_W

ClientSampleId :

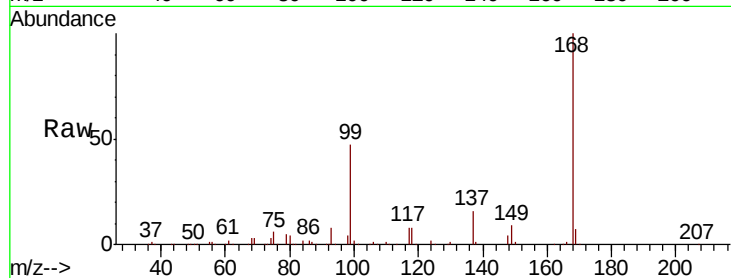
JC-03-110218-JRE

Tot Ion:168 Resp: 224301

Ion Ratio Lower Upper

168 100

99 46.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

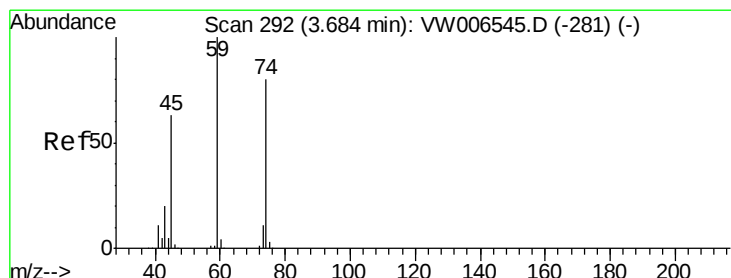
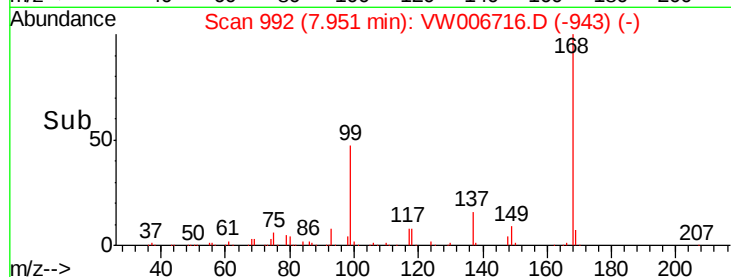
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.907 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006716.D

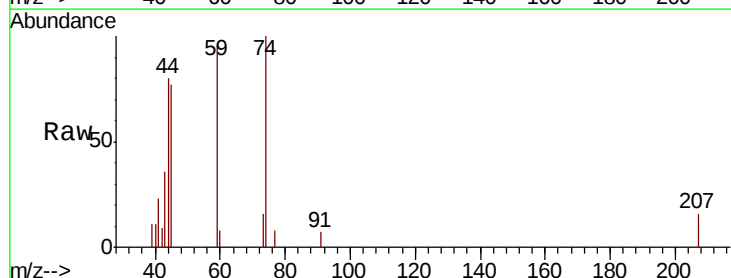
Acq: 07 Nov 2018 05:55

Tgt Ion: 74 Resp: 1849

Ion Ratio Lower Upper

74 100

45 78.5 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

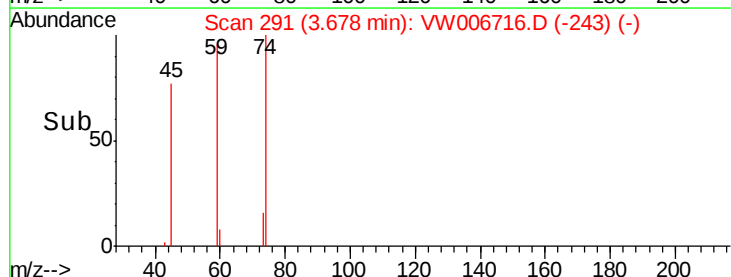
600

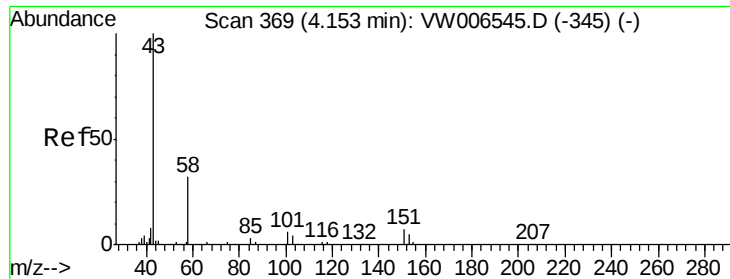
400

200

0

Time--> 3.60 3.65 3.70 3.75

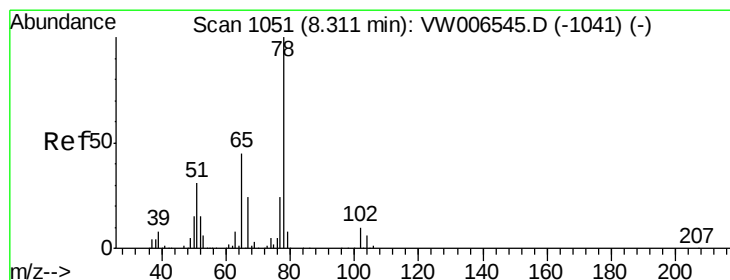
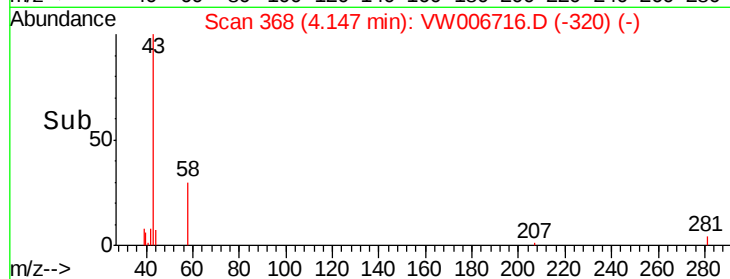
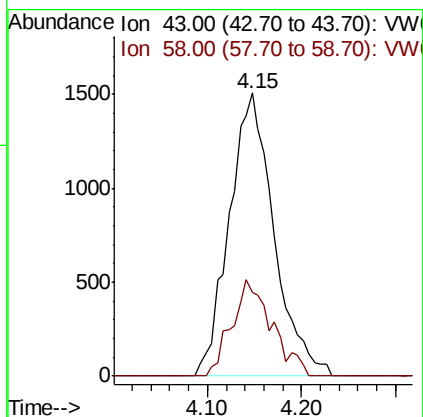
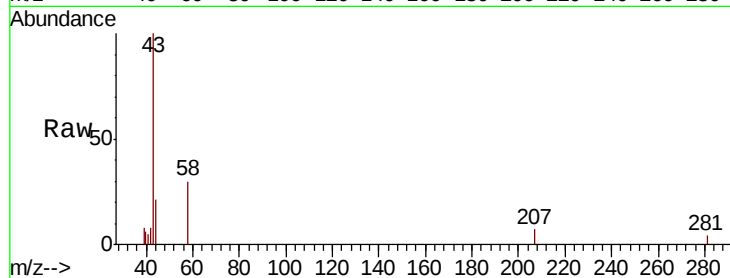




#16
Acetone
Concen: 16.049 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006716.D
Acq: 07 Nov 2018 05:55

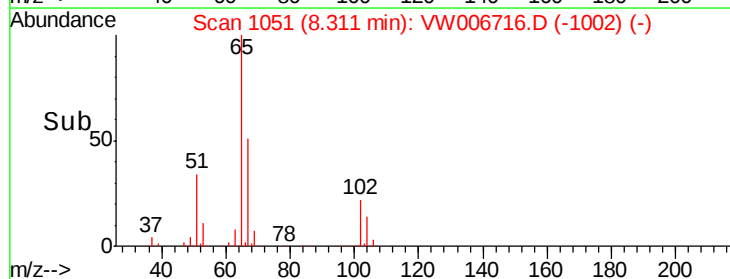
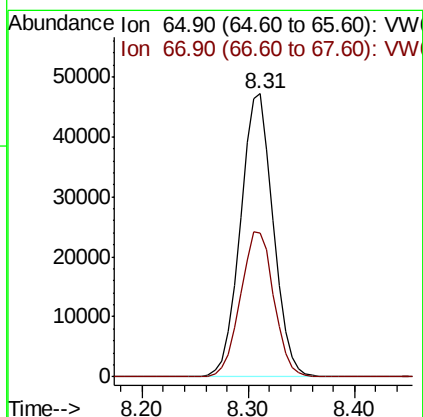
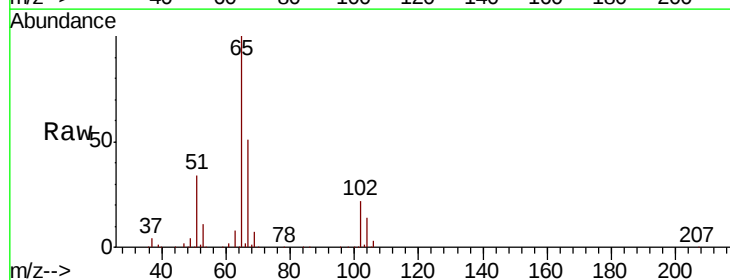
Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-JRE

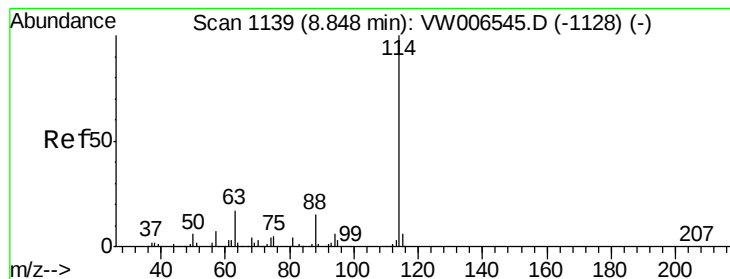
Tot Ion: 43 Resp: 4996
Ion Ratio Lower Upper
43 100
58 29.7 25.8 38.8



#33
1,2-Dichloroethane-d4
Concen: 52.872 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006716.D
Acq: 07 Nov 2018 05:55

Tgt Ion: 65 Resp: 101941
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006716.D

Acq: 07 Nov 2018 05:55

Instrument :

MSVOA_W

ClientSampleId :

JC-03-110218-JRE

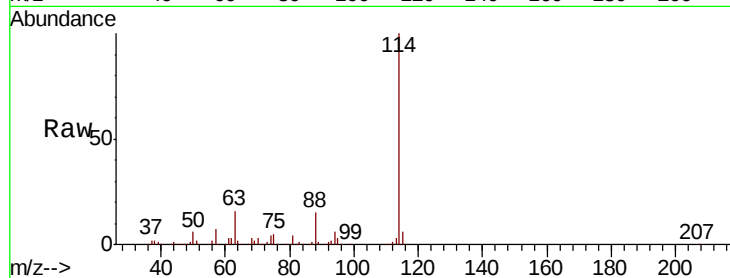
Tot Ion:114 Resp: 310352

Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.4

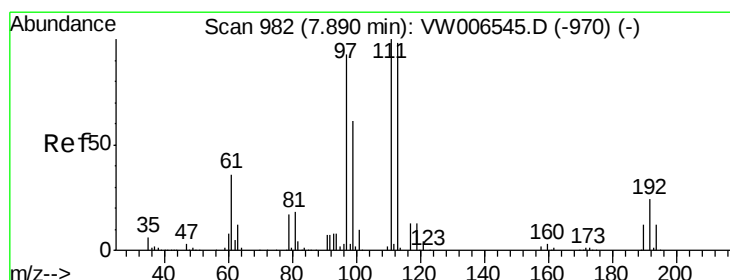
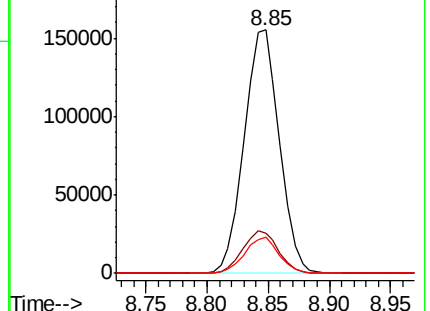
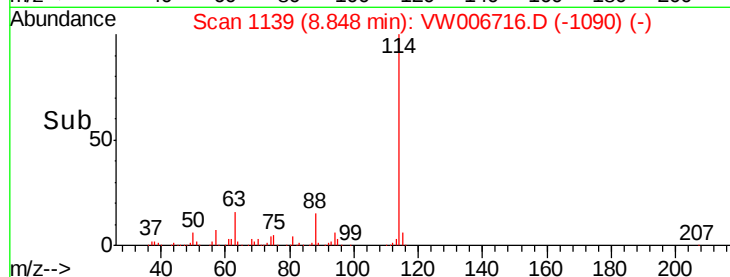
88 14.9 0.0 29.0



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: 54.178 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006716.D

Acq: 07 Nov 2018 05:55

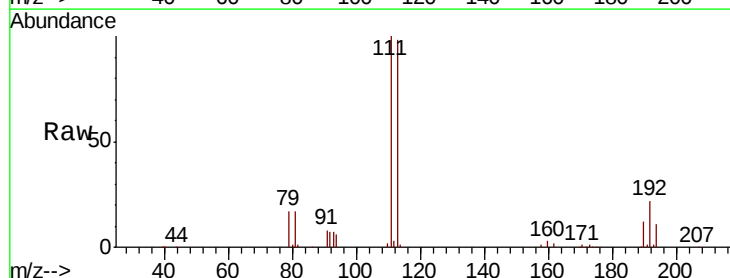
Tgt Ion:113 Resp: 105522

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

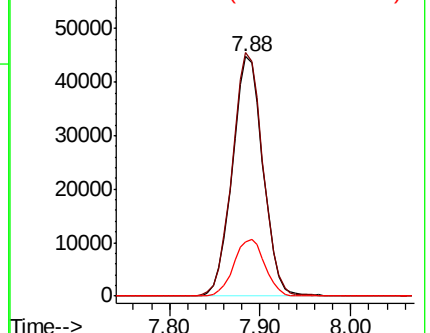
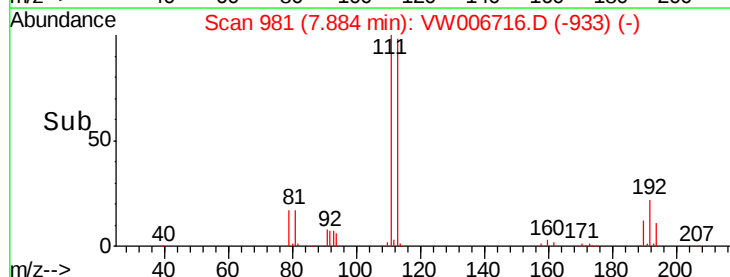
192 24.0 19.0 28.6

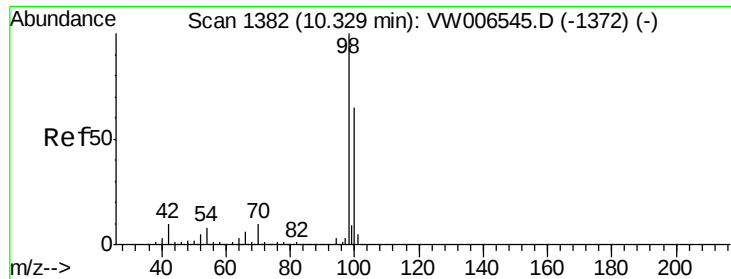


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 17.560 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006716.D

Acq: 07 Nov 2018 05:55

Instrument :

MSVOA_W

ClientSampleId :

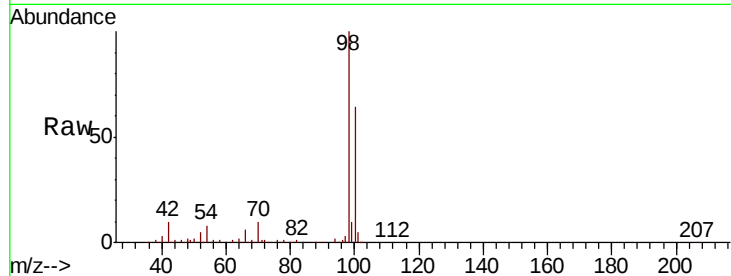
JC-03-110218-JRE

Tot Ion: 98 Resp: 130200

Ion Ratio Lower Upper

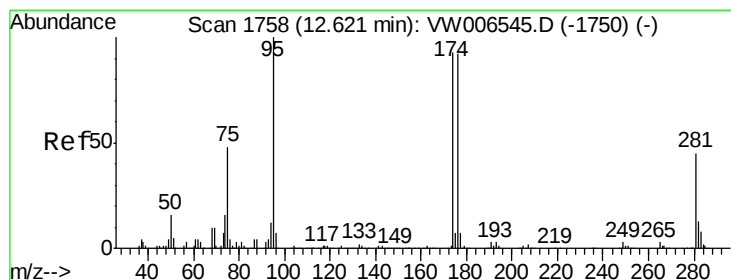
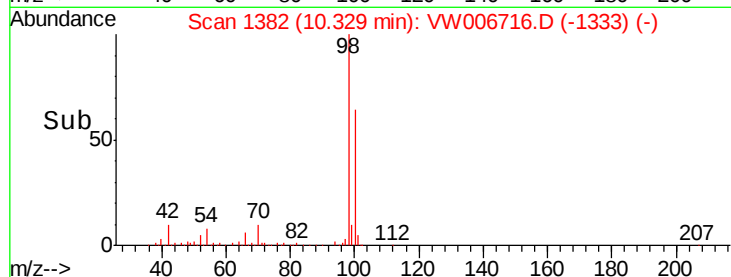
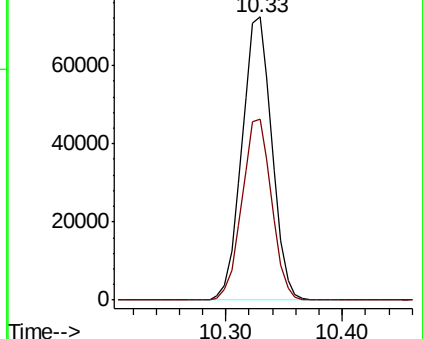
98 100

100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 23.528 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006716.D

Acq: 07 Nov 2018 05:55

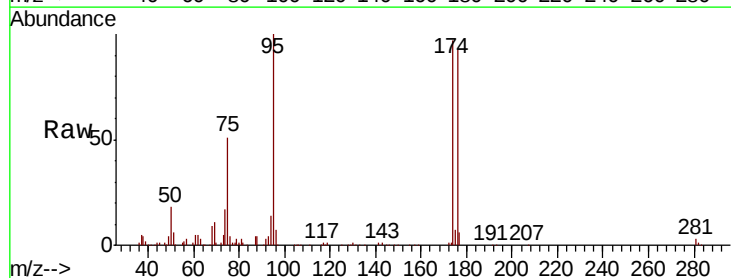
Tgt Ion: 95 Resp: 63245

Ion Ratio Lower Upper

95 100

174 98.7 0.0 192.4

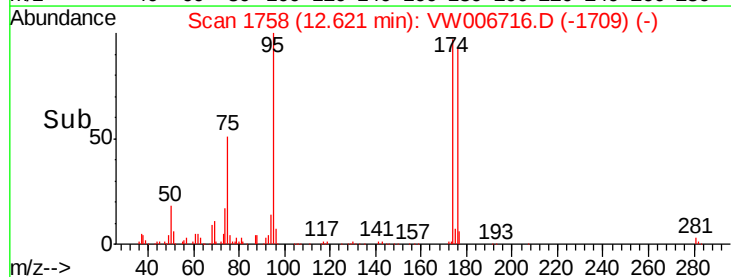
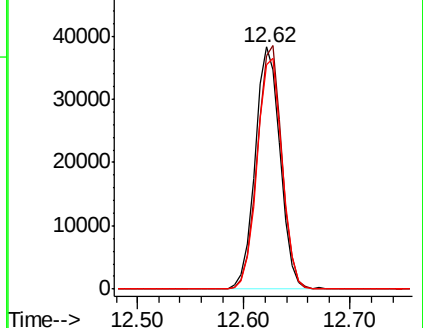
176 95.1 0.0 187.4

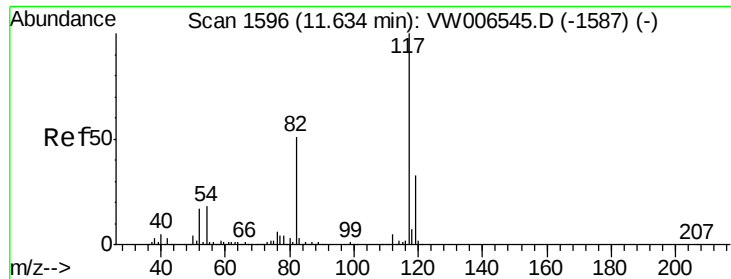


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

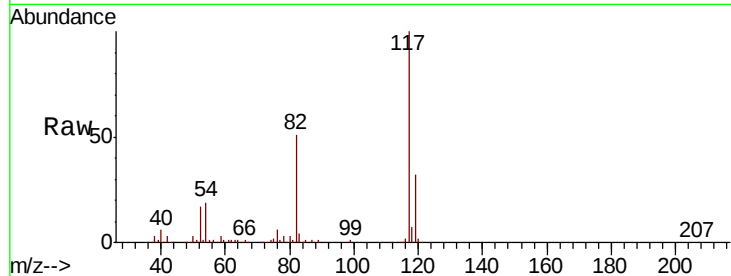




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006716.D
Acq: 07 Nov 2018 05:55

Instrument :
MSVOA_W
ClientSampleId :
JC-03-110218-JRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	40.8	61.2
119	32.2	26.1	39.1

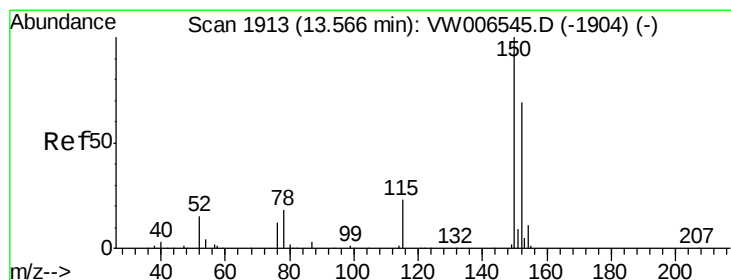
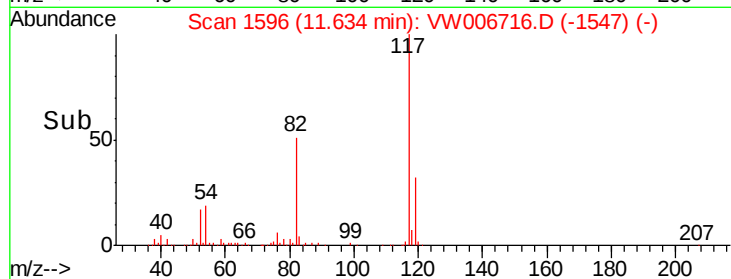
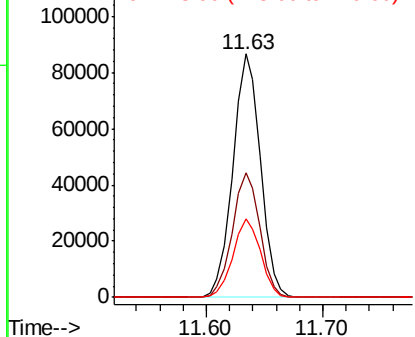


Abundance

Ion 116.90 (116.60 to 117.60): V

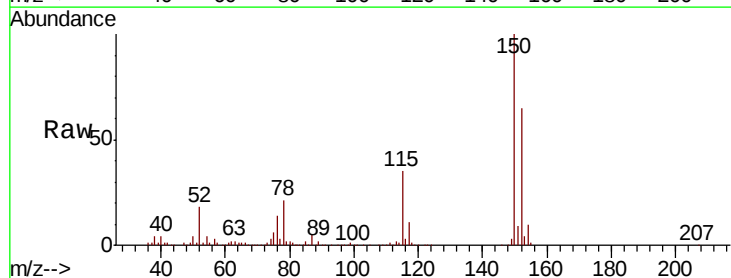
Ion 82.00 (81.70 to 82.70): V

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. -0.01 min
Lab File: VW006716.D
Acq: 07 Nov 2018 05:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.6	79.8
150	155.7	0.0	344.6



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

