

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011717.D
 Acq On : 05 Aug 2019 18:41
 Operator : SY/VA
 Sample : K4154-01
 Misc : 3.53G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PS-1

Quant Time: Aug 06 09:00:49 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

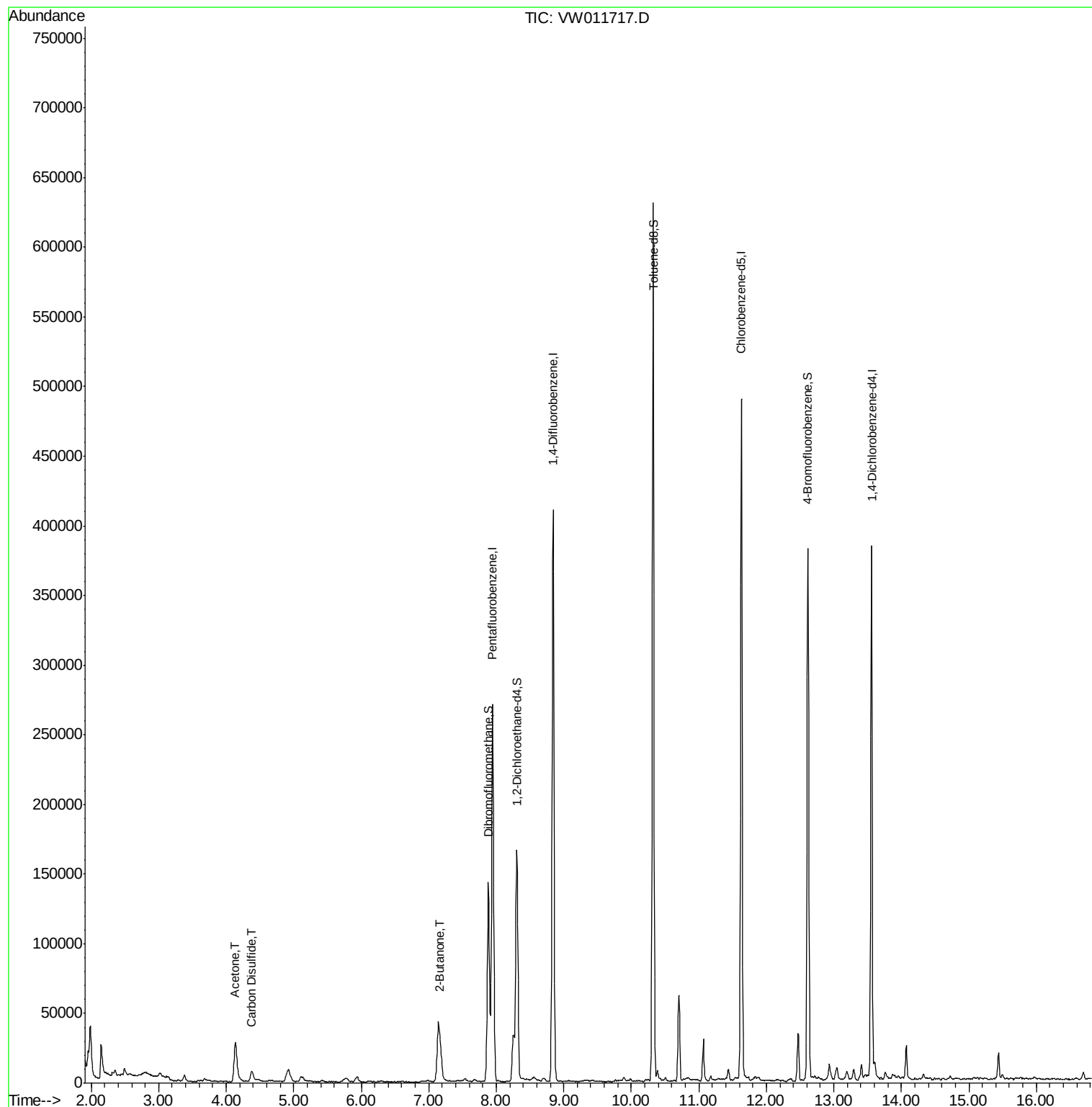
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	132293	59.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.56%	
35) Dibromofluoromethane	7.88	113	100661	55.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.86%	
50) Toluene-d8	10.32	98	386236	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.62	95	117325	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
Target Compounds						
16) Acetone	4.13	43	60833	85.698	ug/l	97
17) Carbon Disulfide	4.38	76	15989	2.524	ug/l #	90
25) 2-Butanone	7.17	43	27335	29.428	ug/l	97

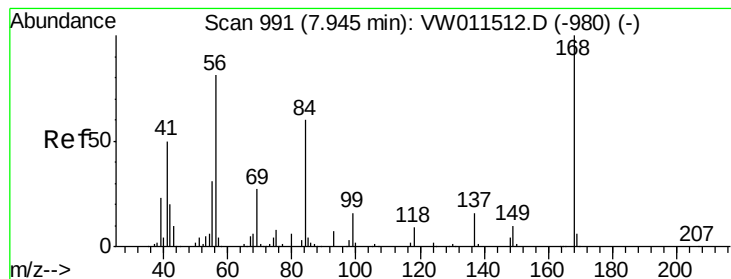
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

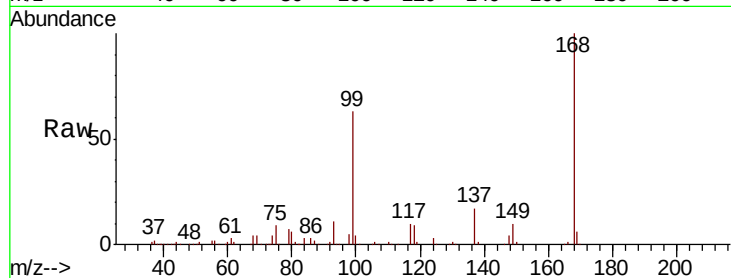
PS-1

Tot Ion:168 Resp: 194340

Ion Ratio Lower Upper

168 100

99 63.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

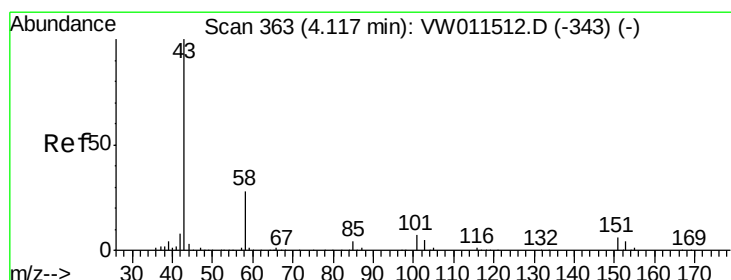
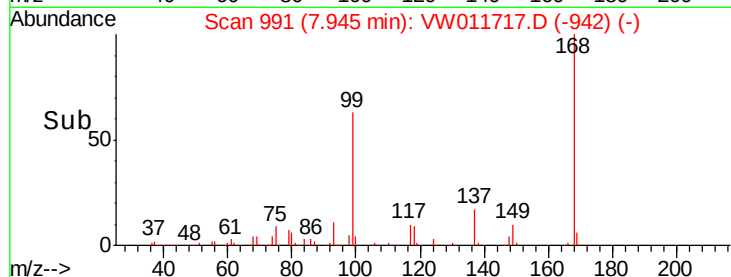
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 85.698 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011717.D

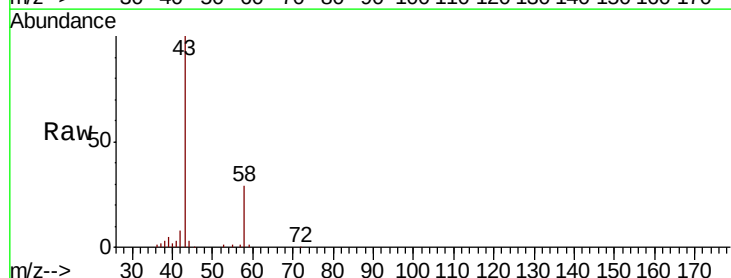
Acq: 05 Aug 2019 18:41

Tgt Ion: 43 Resp: 60833

Ion Ratio Lower Upper

43 100

58 29.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

20000

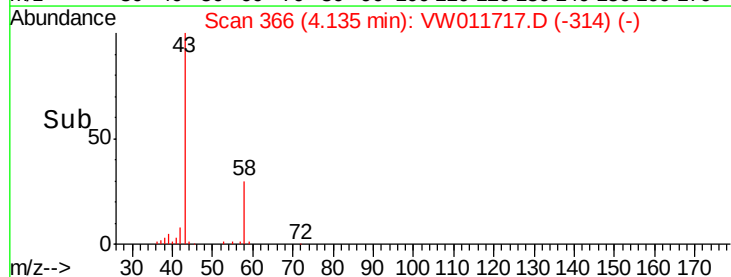
15000

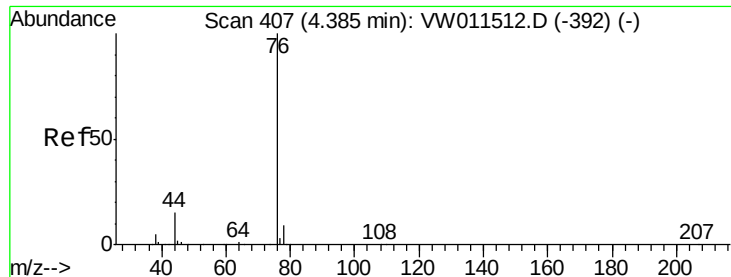
10000

5000

0

Time--> 4.00 4.10 4.20 4.30 4.40





#17

Carbon Disulfide

Concen: 2.524 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011717.D

Acq: 05 Aug 2019 18:41

Instrument :

MSVOA_W

ClientSampled :

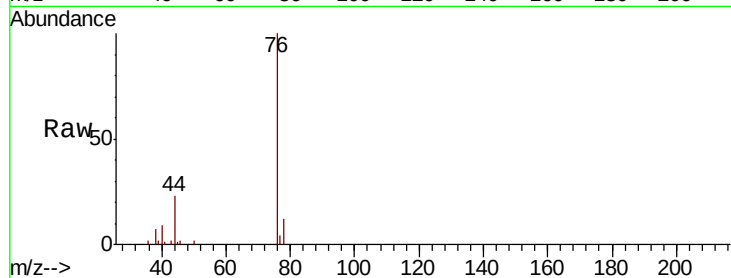
PS-1

Tot Ion: 76 Resp: 15989

Ion Ratio Lower Upper

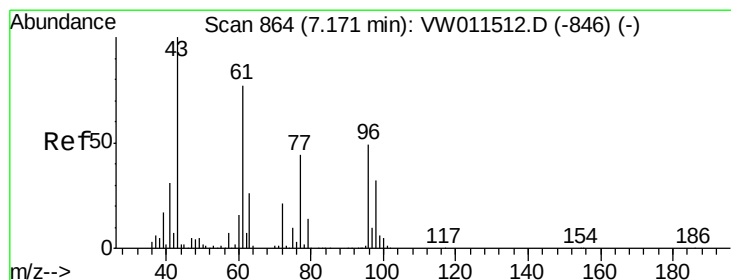
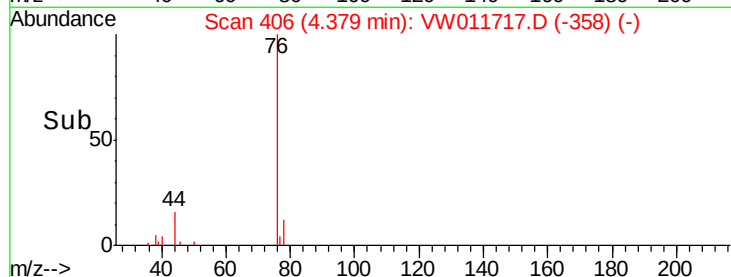
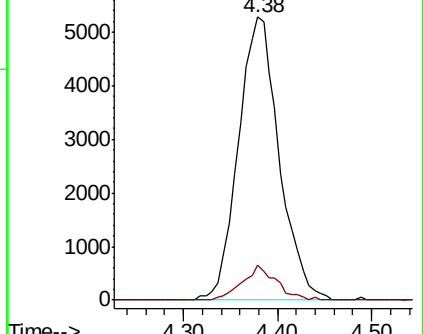
76 100

78 12.4 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 29.428 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011717.D

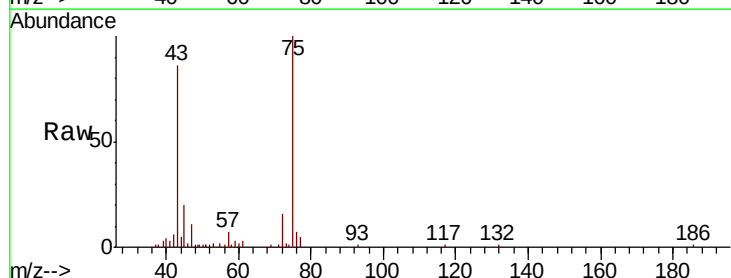
Acq: 05 Aug 2019 18:41

Tgt Ion: 43 Resp: 27335

Ion Ratio Lower Upper

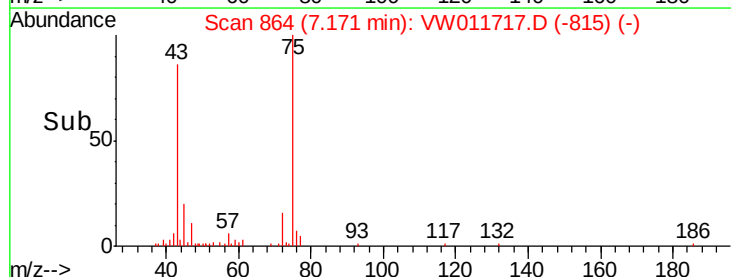
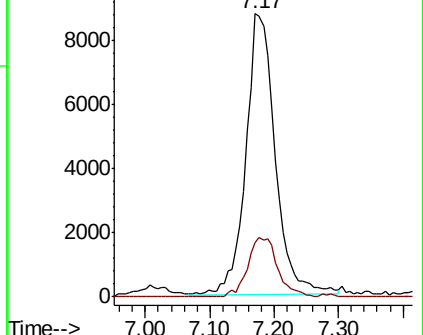
43 100

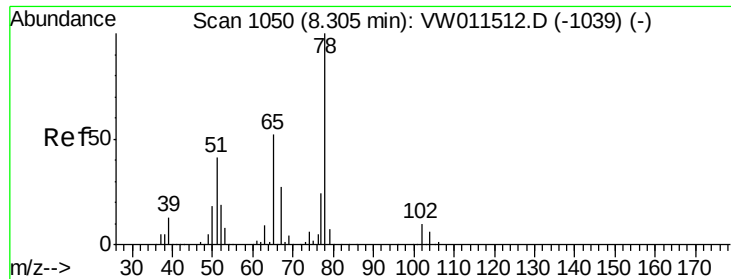
72 19.3 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

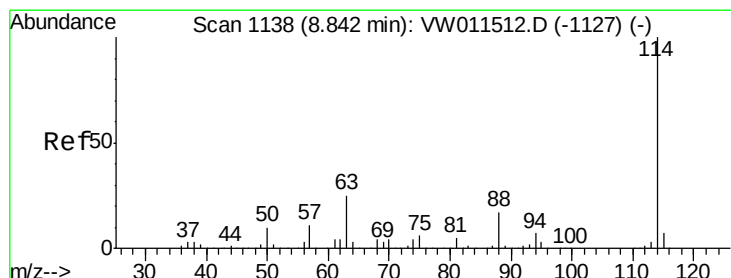
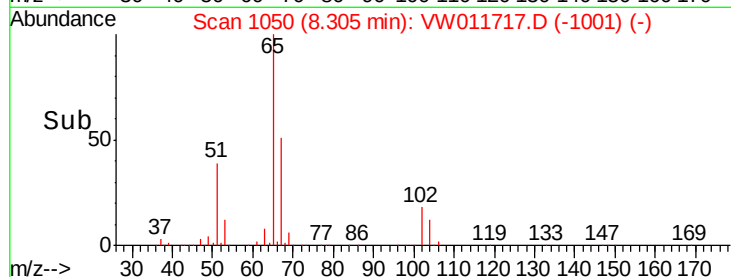
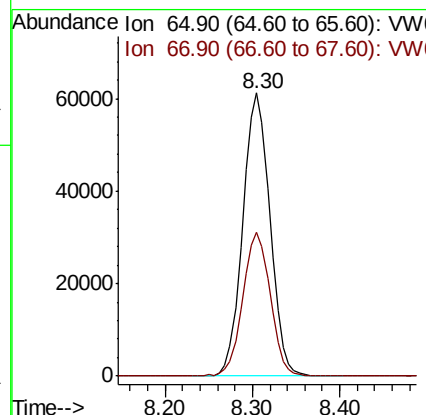
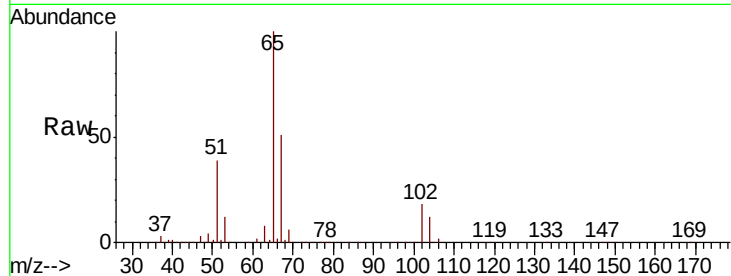




#33
 1,2-Dichloroethane-d4
 Concen: 59.283 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011717.D
 Acq: 05 Aug 2019 18:41

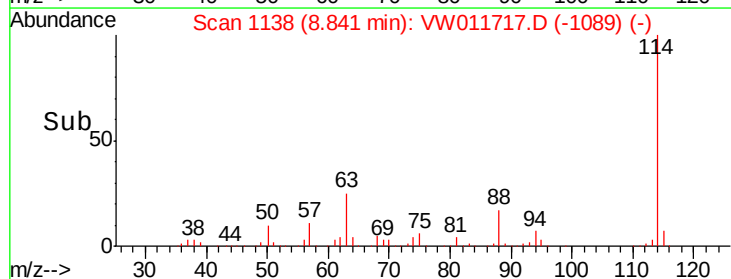
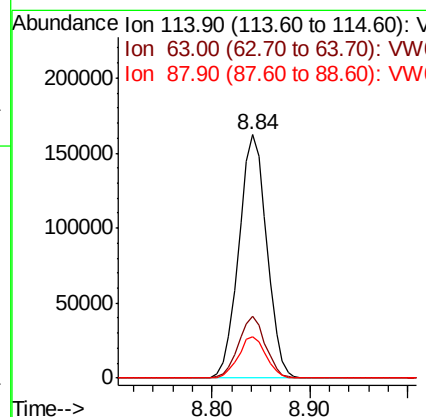
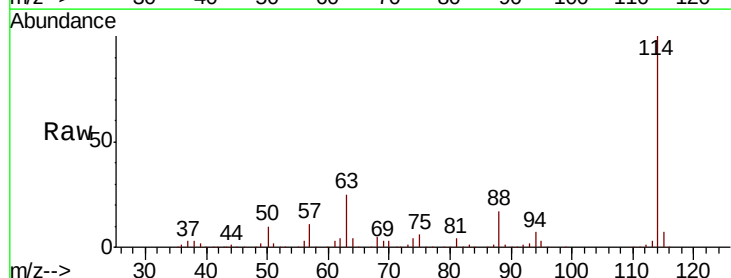
Instrument :
 MSVOA_W
 ClientSampleId :
 PS-1

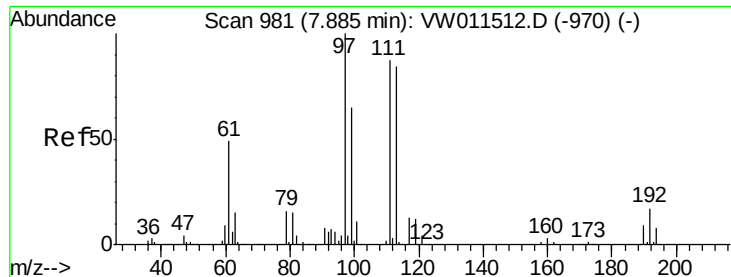
Tot Ion: 65 Resp: 132293
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011717.D
 Acq: 05 Aug 2019 18:41

Tgt Ion: 114 Resp: 320789
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 16.8 0.0 33.8

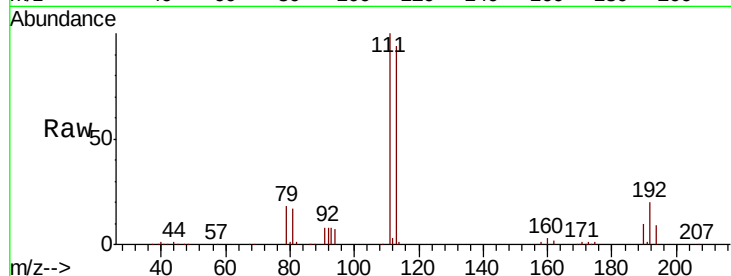




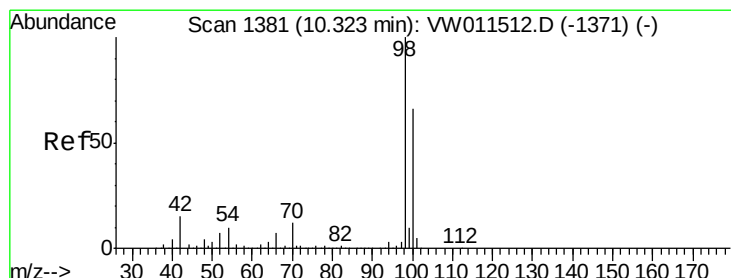
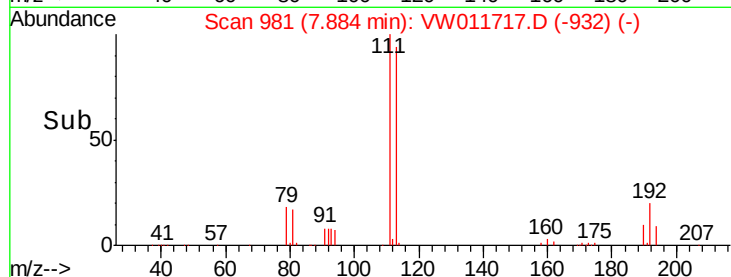
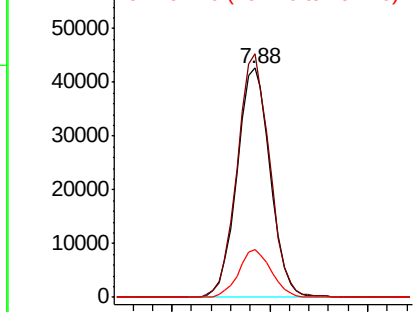
#35
Dibromofluoromethane
Concen: 55.933 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011717.D
Acq: 05 Aug 2019 18:41

Instrument :
MSVOA_W
ClientSampleId :
PS-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	20.4	16.1	24.1

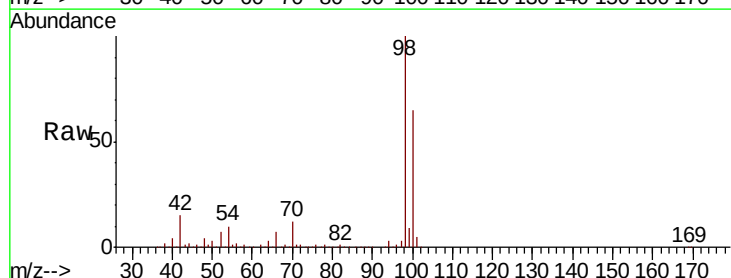


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

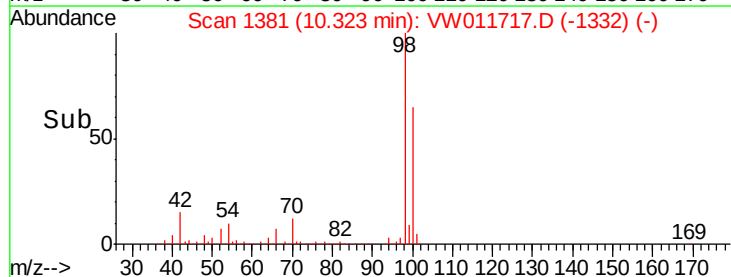
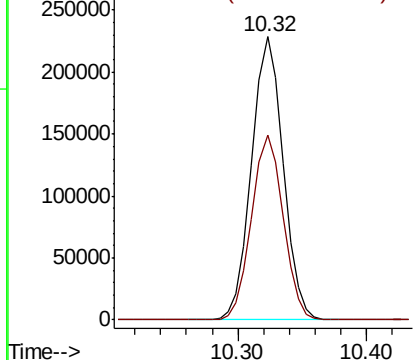


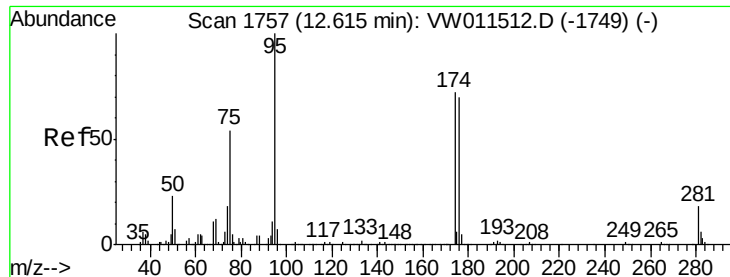
#50
Toluene-d8
Concen: 52.418 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011717.D
Acq: 05 Aug 2019 18:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	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: 44.661 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011717.D

Acq: 05 Aug 2019 18:41

Instrument :

MSVOA_W

ClientSampled :

PS-1

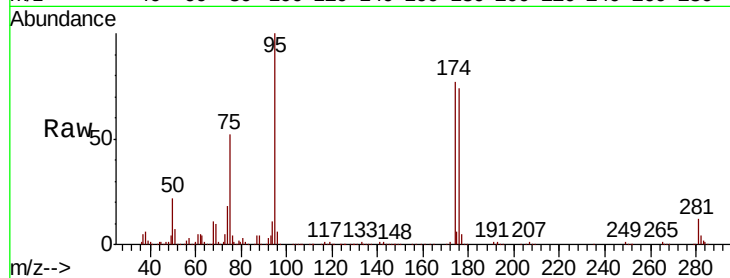
Tot Ion: 95 Resp: 117325

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

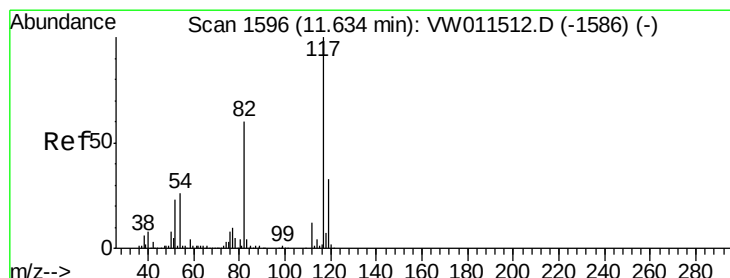
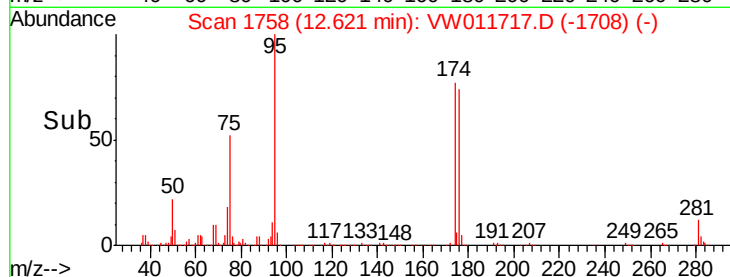
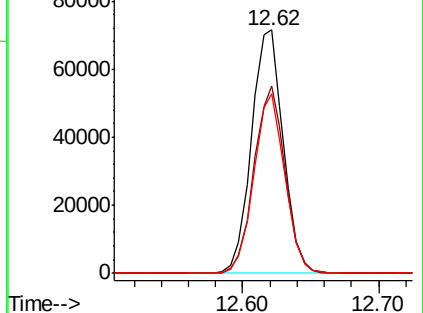
176 71.8 0.0 144.4



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# 1596

Delta R.T. -0.00 min

Lab File: VW011717.D

Acq: 05 Aug 2019 18:41

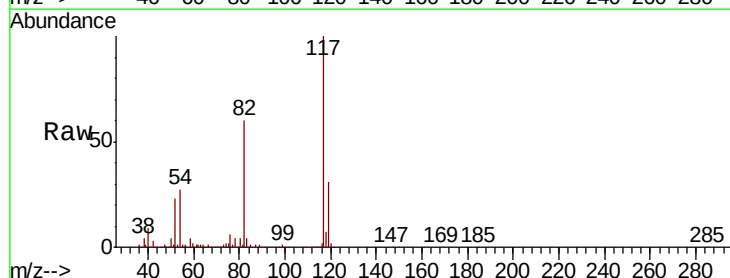
Tgt Ion: 117 Resp: 255432

Ion Ratio Lower Upper

117 100

82 59.7 47.9 71.9

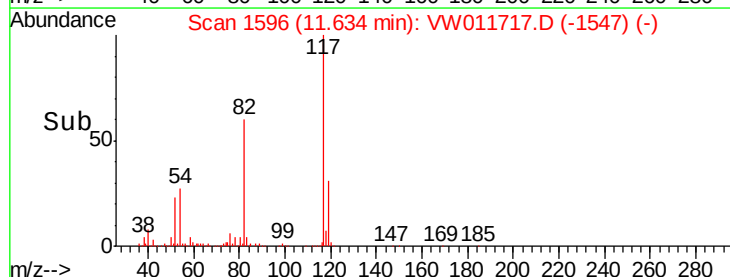
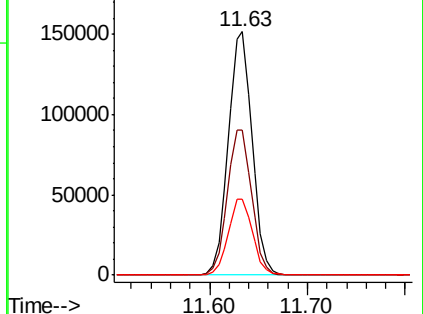
119 31.0 26.2 39.2

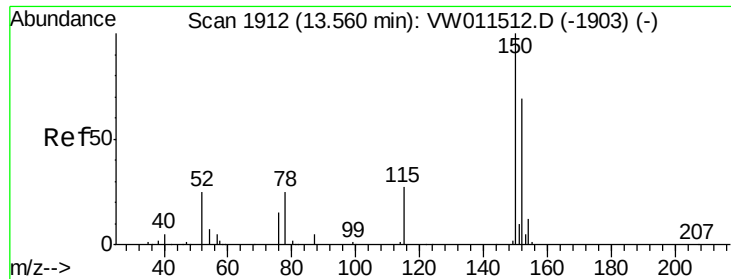


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011717.D

Acq: 05 Aug 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

PS-1

Tot Ion:152 Resp: 93237

Ion Ratio Lower Upper

152 100

115 59.7 30.5 91.5

150 159.4 0.0 352.6

