

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011718.D
 Acq On : 05 Aug 2019 19:06
 Operator : SY/VA
 Sample : K4154-02
 Misc : 4.37G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PS-2

Quant Time: Aug 06 09:02:30 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

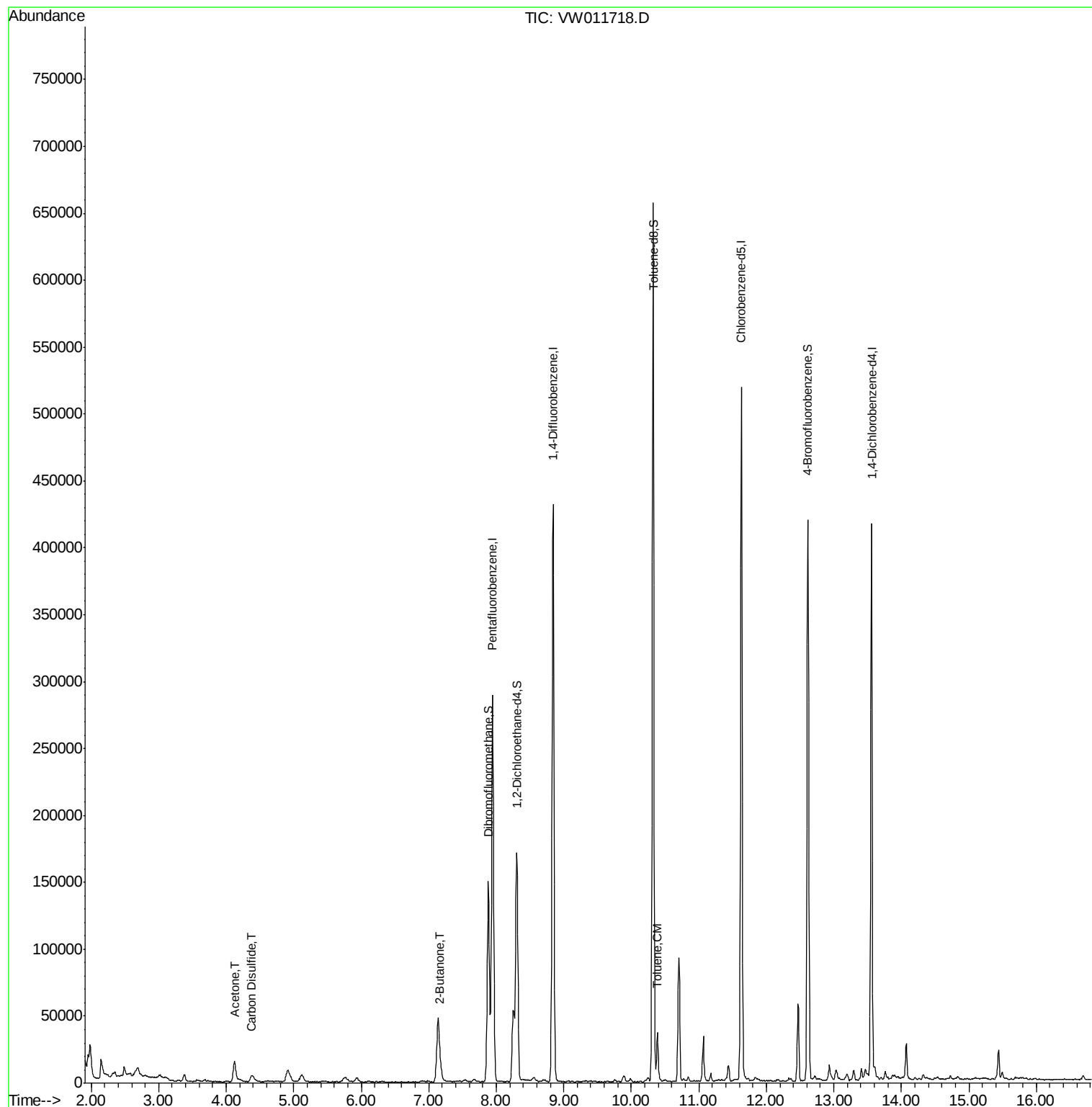
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	341695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136910	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.20%	
35) Dibromofluoromethane	7.88	113	106629	55.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.24%	
50) Toluene-d8	10.32	98	412788	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.62	95	125067	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
Target Compounds						
16) Acetone	4.12	43	29196	38.617	ug/l	100
17) Carbon Disulfide	4.38	76	9315	1.381	ug/l	98
25) 2-Butanone	7.17	43	16220	16.396	ug/l	97
52) Toluene	10.38	92	15175	2.525	ug/l	97

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

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Quant Title : SW846 8260
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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: VW011718.D

Acq: 05 Aug 2019 19:06

Instrument :

MSVOA_W

ClientSampled :

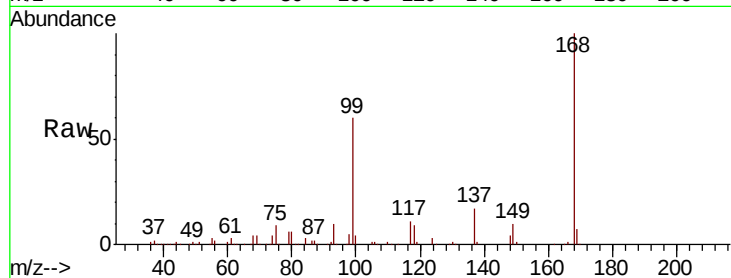
PS-2

Tot Ion:168 Resp: 206982

Ion Ratio Lower Upper

168 100

99 60.2 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

100000

80000

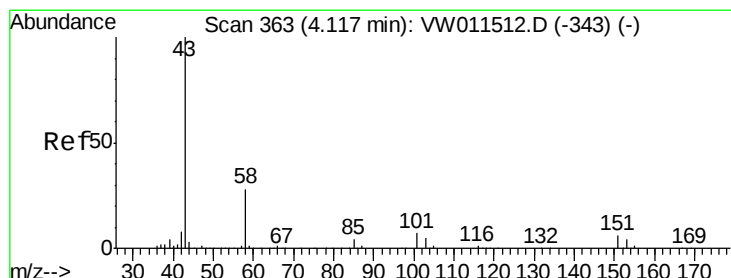
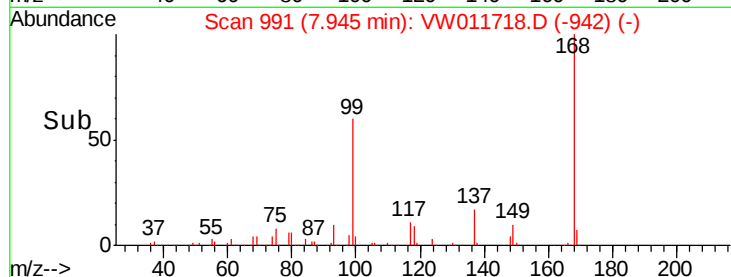
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 38.617 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011718.D

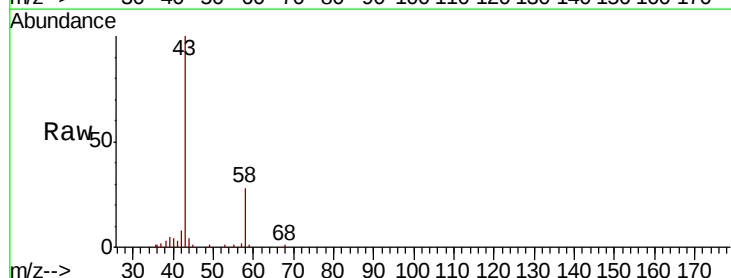
Acq: 05 Aug 2019 19:06

Tgt Ion: 43 Resp: 29196

Ion Ratio Lower Upper

43 100

58 27.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

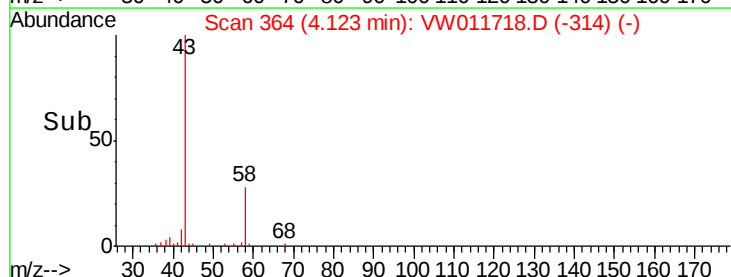
6000

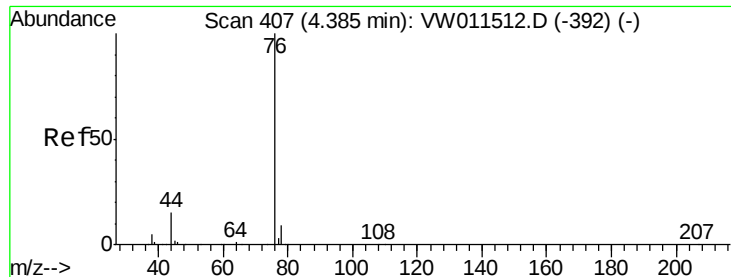
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 1.381 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011718.D

Acq: 05 Aug 2019 19:06

Instrument :

MSVOA_W

ClientSampleId :

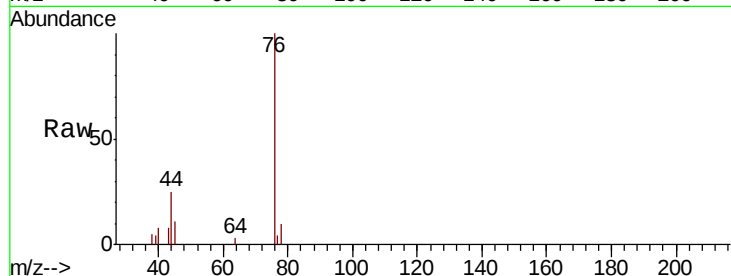
PS-2

Tot Ion: 76 Resp: 9315

Ion Ratio Lower Upper

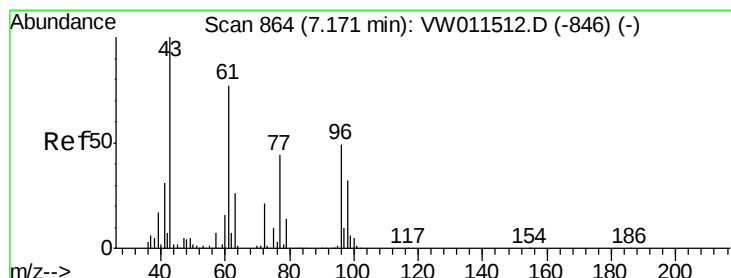
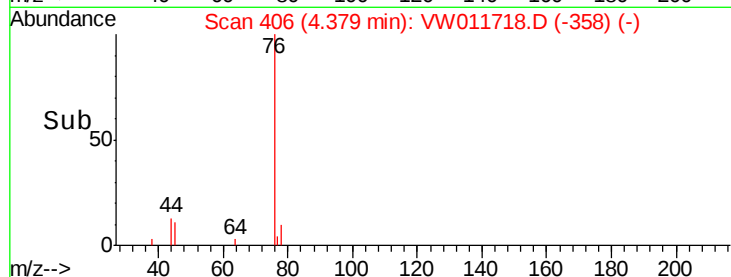
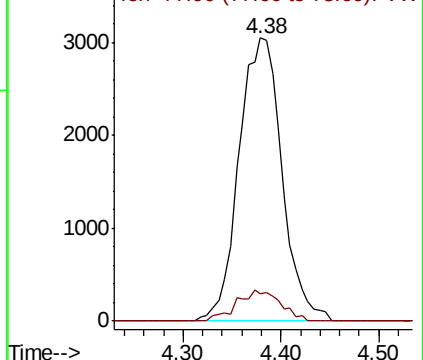
76 100

78 9.7 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: 16.396 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011718.D

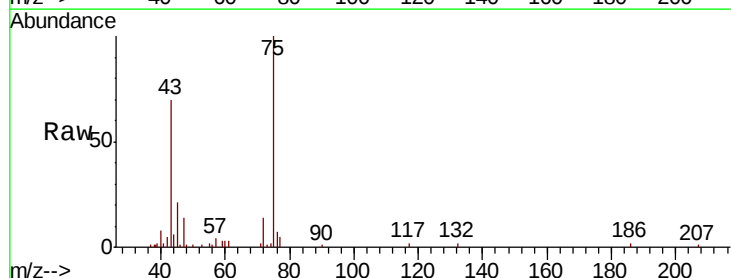
Acq: 05 Aug 2019 19:06

Tgt Ion: 43 Resp: 16220

Ion Ratio Lower Upper

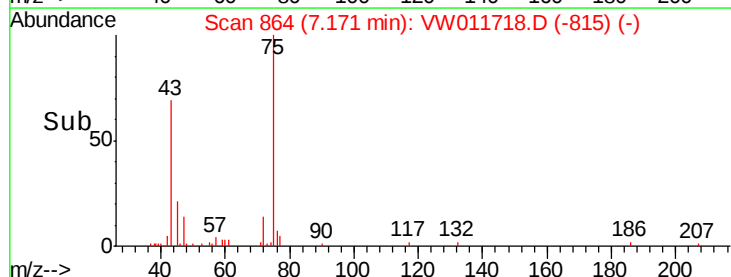
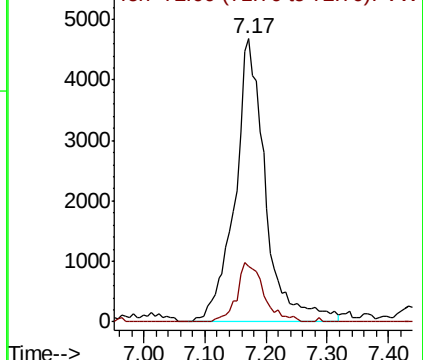
43 100

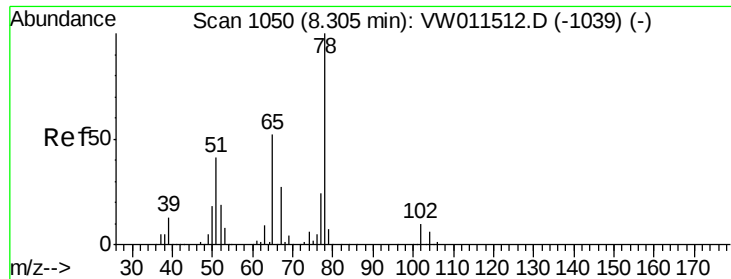
72 19.5 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

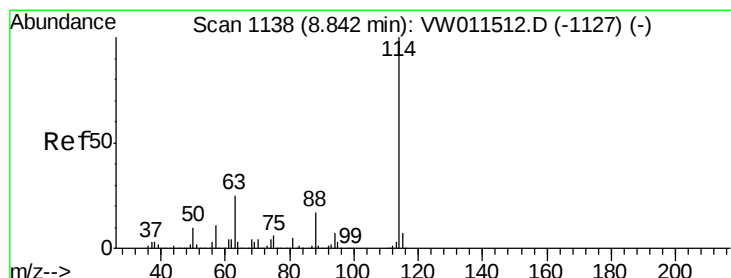
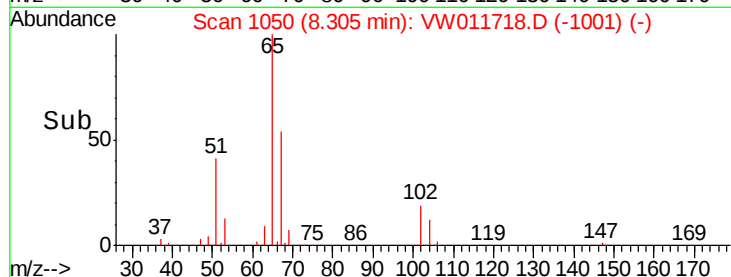
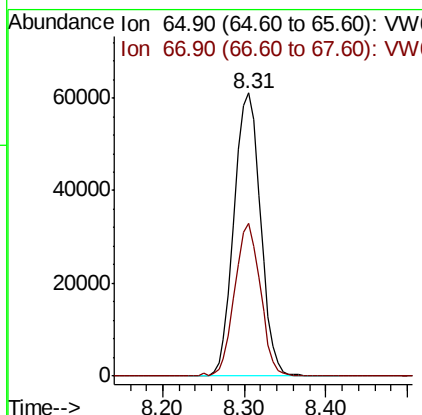
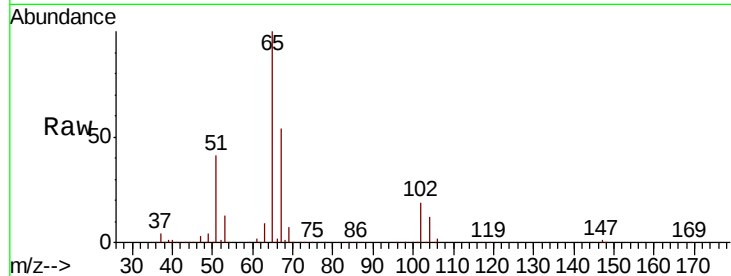




#33
 1,2-Dichloroethane-d4
 Concen: 57.604 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011718.D
 Acq: 05 Aug 2019 19:06

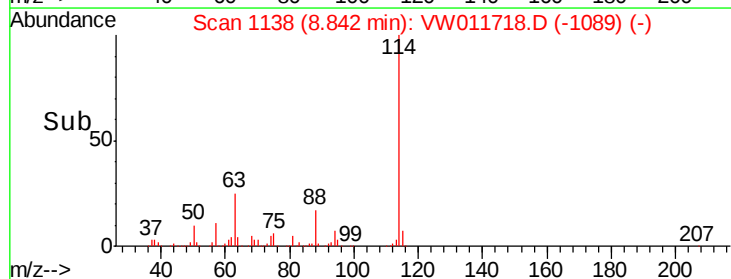
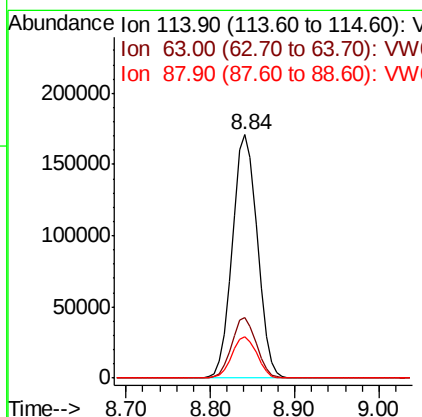
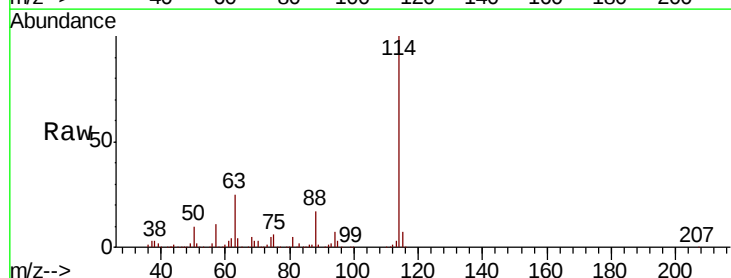
Instrument :
 MSVOA_W
 ClientSampleId :
 PS-2

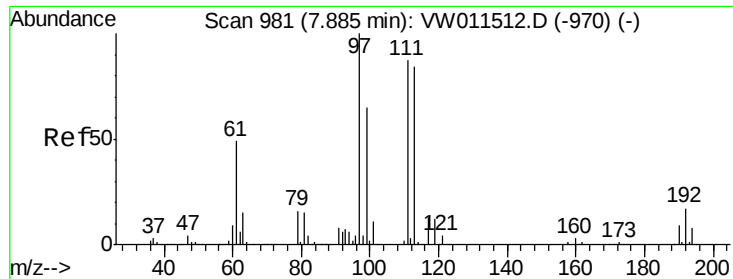
Tot Ion: 65 Resp: 136910
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011718.D
 Acq: 05 Aug 2019 19:06

Tgt Ion: 114 Resp: 341695
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.9 0.0 33.8

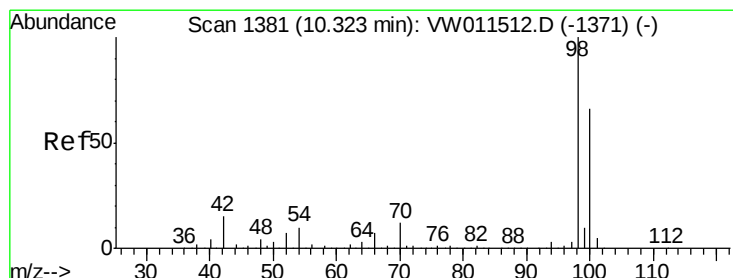
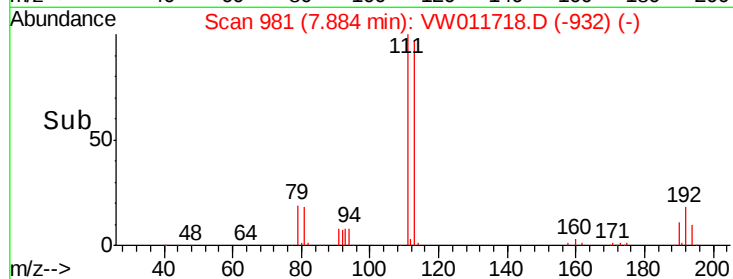
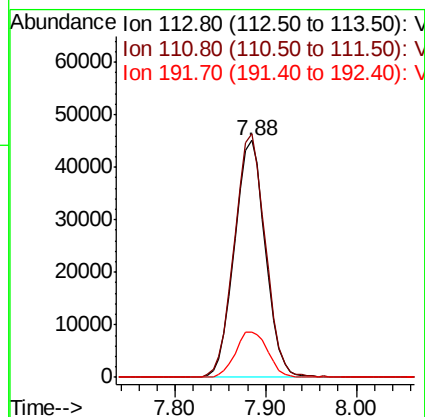
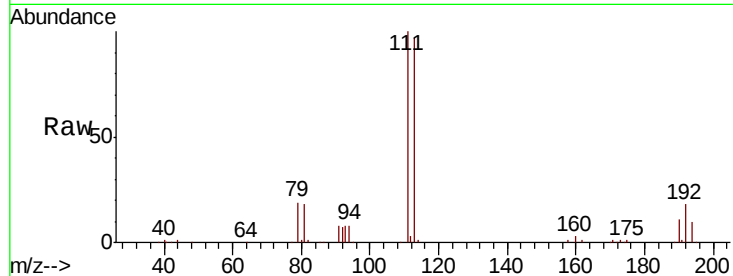




#35
Dibromofluoromethane
Concen: 55.624 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011718.D
Acq: 05 Aug 2019 19:06

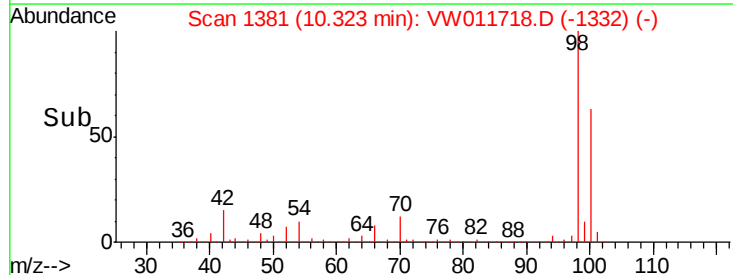
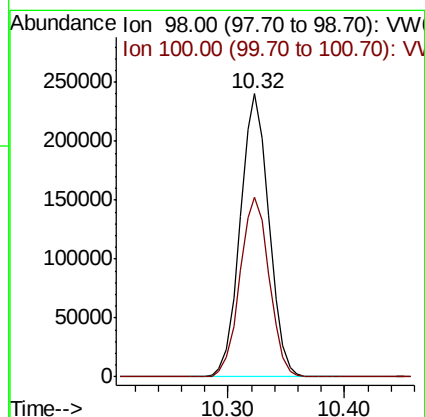
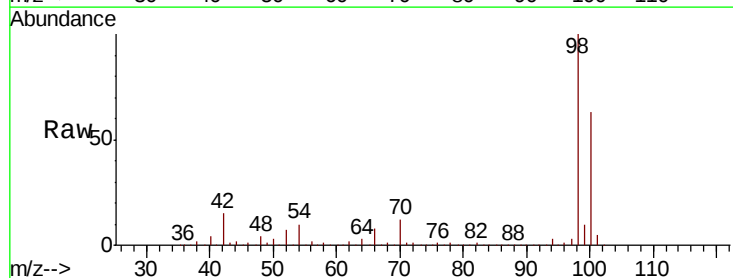
Instrument :
MSVOA_W
ClientSampleId :
PS-2

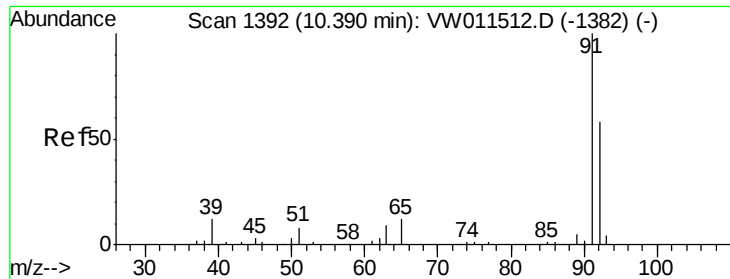
Tot Ion:113 Resp: 106629
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 20.1 16.1 24.1



#50
Toluene-d8
Concen: 52.594 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011718.D
Acq: 05 Aug 2019 19:06

Tgt Ion: 98 Resp: 412788
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1





#52

Toluene

Concen: 2.525 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW011718.D

Acq: 05 Aug 2019 19:06

Instrument :

MSVOA_W

ClientSampleId :

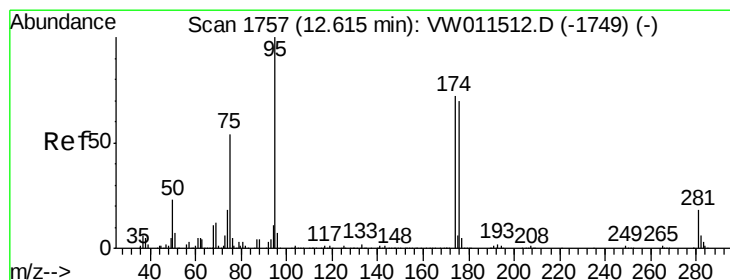
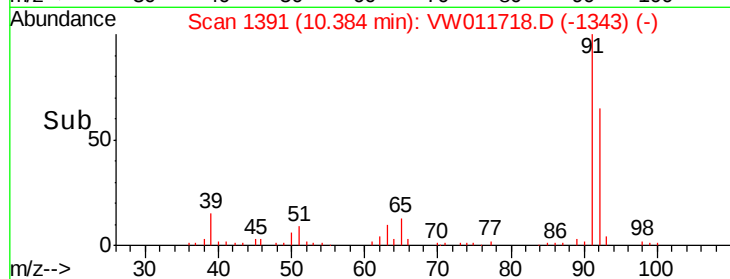
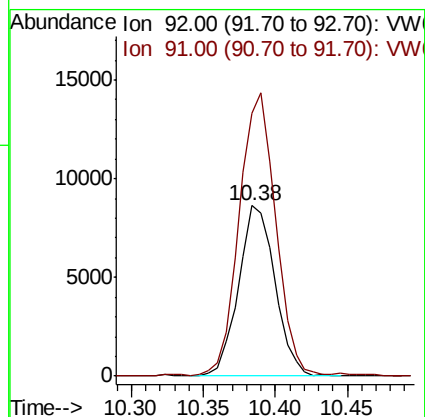
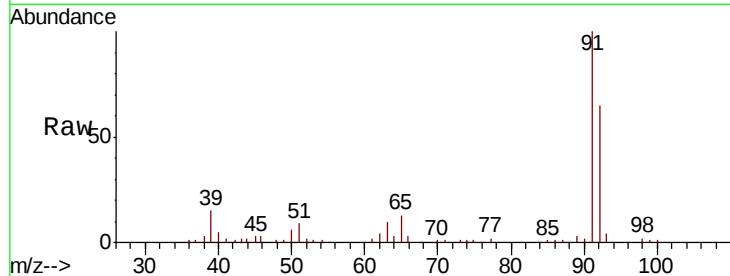
PS-2

Tot Ion: 92 Resp: 15175

Ion Ratio Lower Upper

92 100

91 166.9 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 44.696 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011718.D

Acq: 05 Aug 2019 19:06

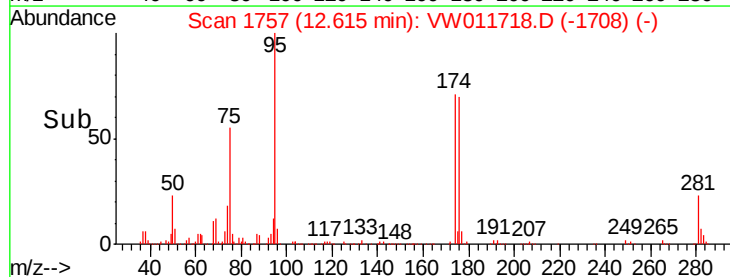
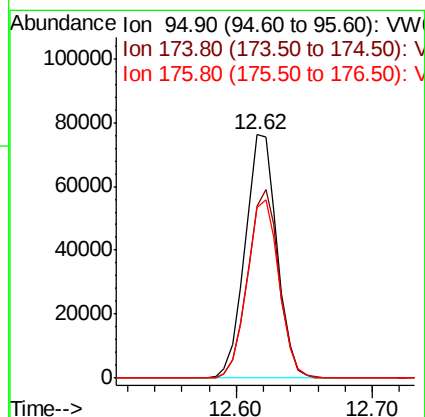
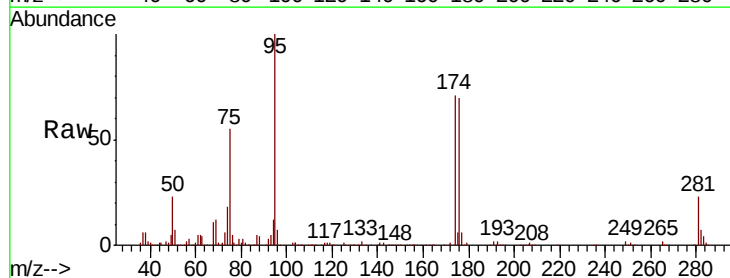
Tgt Ion: 95 Resp: 125067

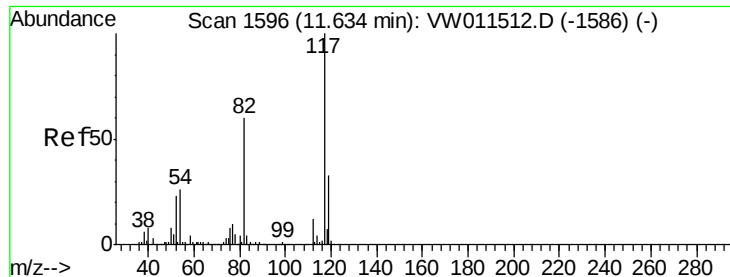
Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.2

176 73.5 0.0 144.4

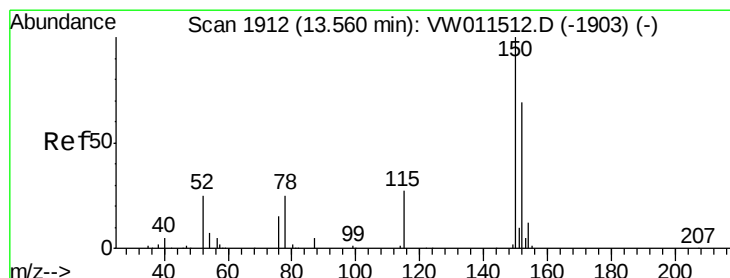
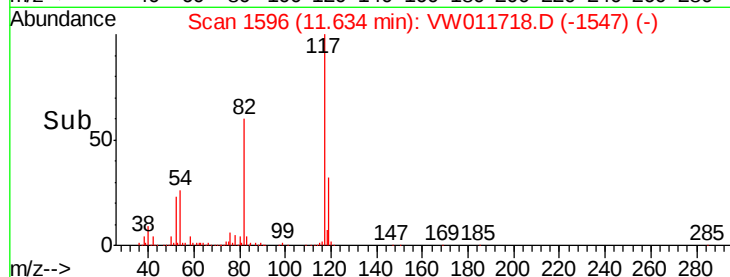
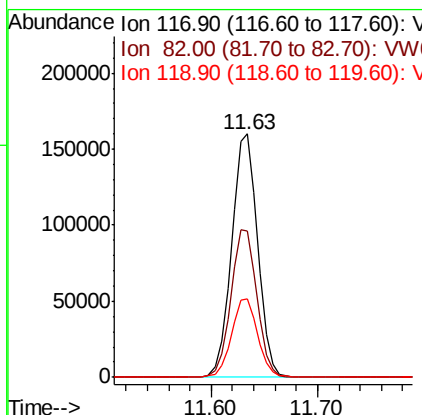
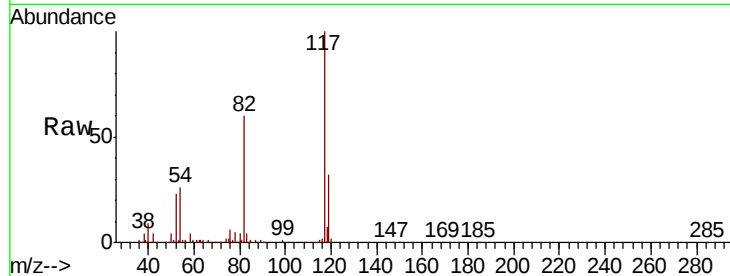




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011718.D
Acq: 05 Aug 2019 19:06

Instrument :
MSVOA_W
ClientSampleId :
PS-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.9	71.9
119	32.0	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: VW011718.D
Acq: 05 Aug 2019 19:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.5	91.5
150	158.7	0.0	352.6

