

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011721.D
 Acq On : 05 Aug 2019 20:24
 Operator : SY/VA
 Sample : K4154-05
 Misc : 4.40G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PS-5

Quant Time: Aug 06 09:05:36 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

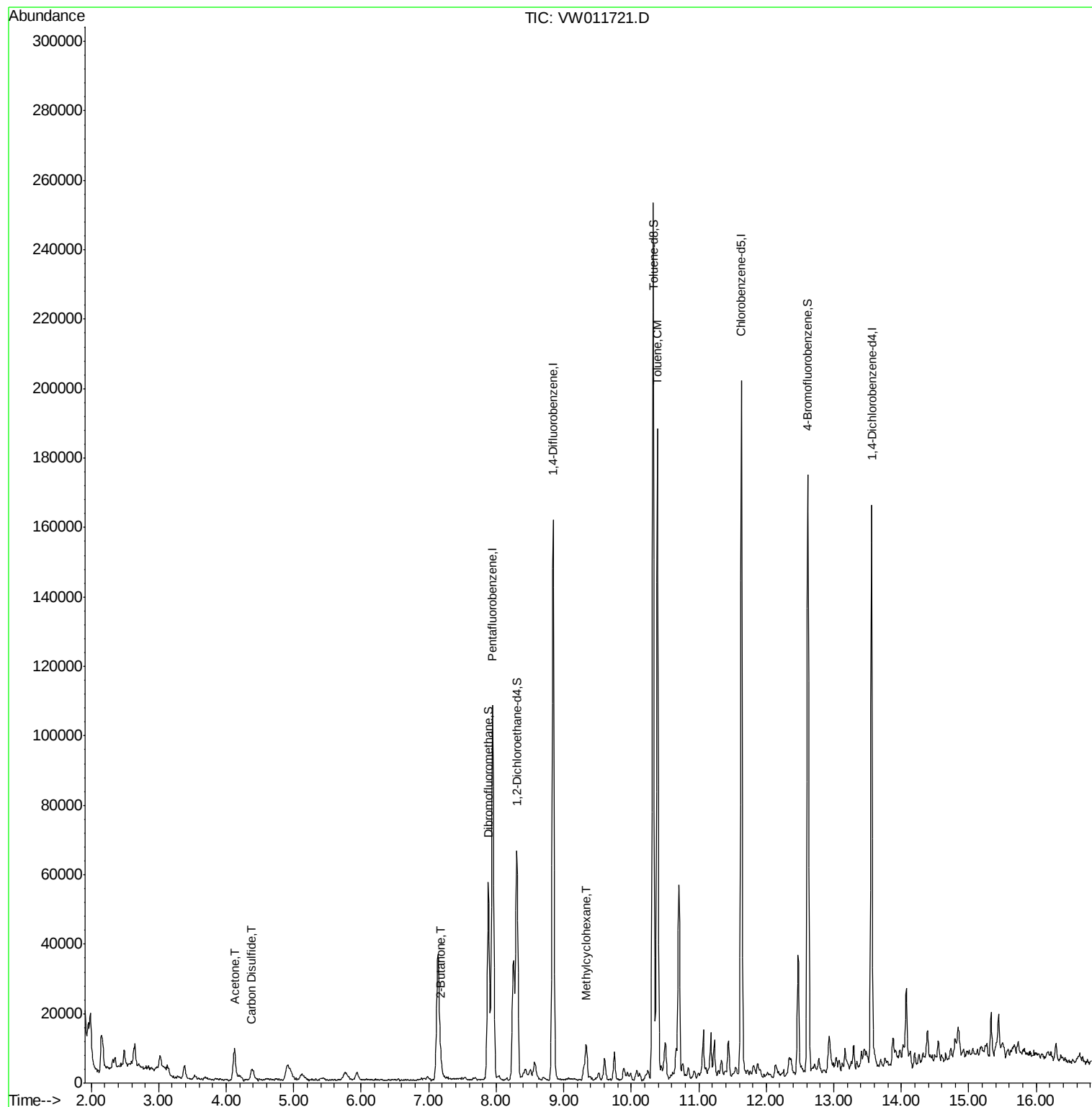
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	79314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	104078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	39687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52811	57.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.98%	
35) Dibromofluoromethane	7.88	113	39599	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.78%	
50) Toluene-d8	10.32	98	152470	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.62	95	47343	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
16) Acetone	4.12	43	16517	57.013	ug/l	96
17) Carbon Disulfide	4.37	76	3729	1.442	ug/l	98
25) 2-Butanone	7.18	43	9385	24.757	ug/l	98
39) Methylcyclohexane	9.33	83	3771	2.631	ug/l #	90
52) Toluene	10.38	92	77588	35.242	ug/l	99

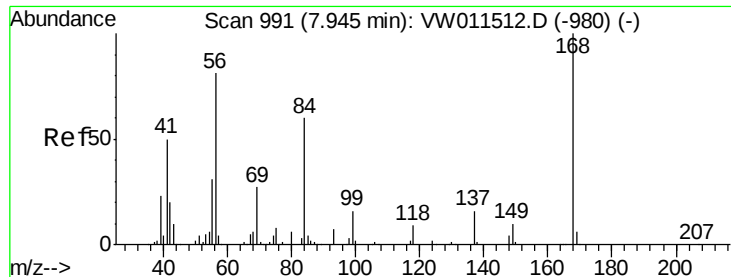
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080619\
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PS-5

Quant Time: Aug 06 09:05:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW011721.D

Acq: 05 Aug 2019 20:24

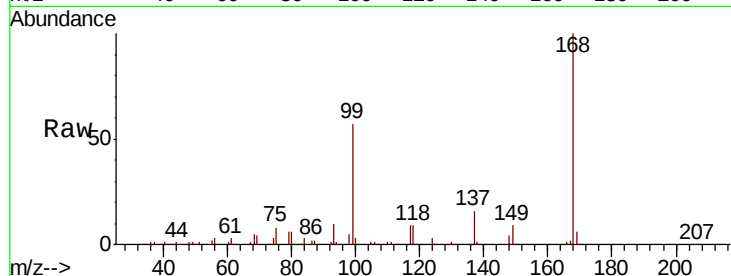
Instrument :
MSVOA_W
ClientSampled :
PS-5

Tot Ion:168 Resp: 79314

Ion Ratio Lower Upper

168 100

99 56.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW011512.D (-980) (-)

Ion 98.90 (98.60 to 99.60): VW011512.D (-980) (-)

7.95

40000

30000

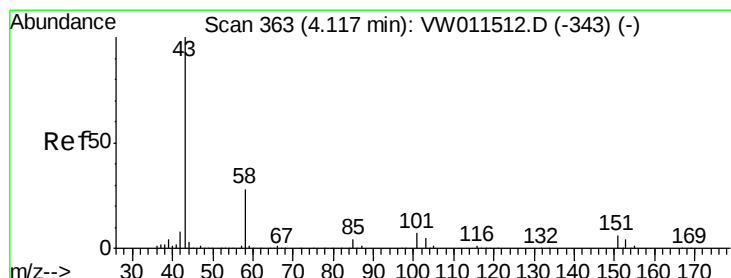
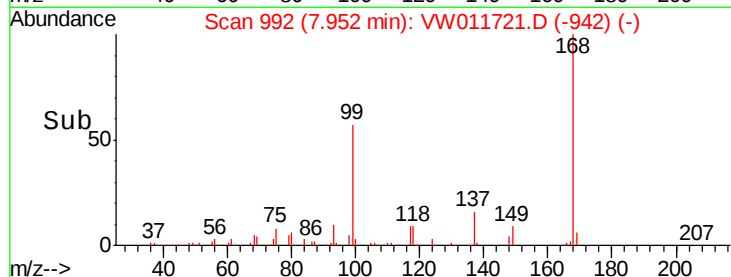
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 57.013 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011721.D

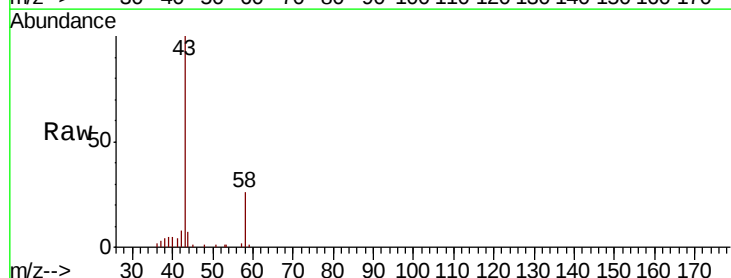
Acq: 05 Aug 2019 20:24

Tgt Ion: 43 Resp: 16517

Ion Ratio Lower Upper

43 100

58 25.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW011512.D (-343) (-)

Ion 58.00 (57.70 to 58.70): VW011512.D (-343) (-)

4.12

6000

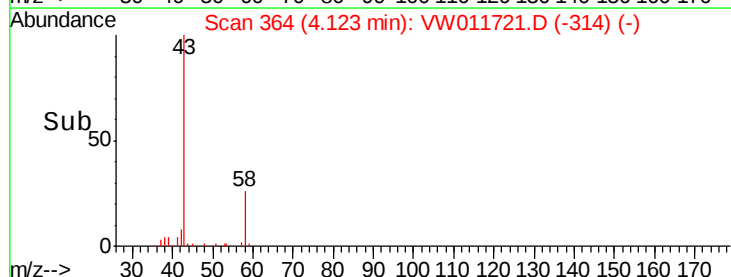
4000

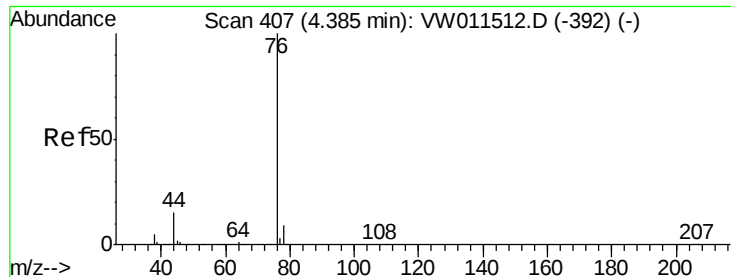
2000

0

4.00 4.10 4.20

Time-->

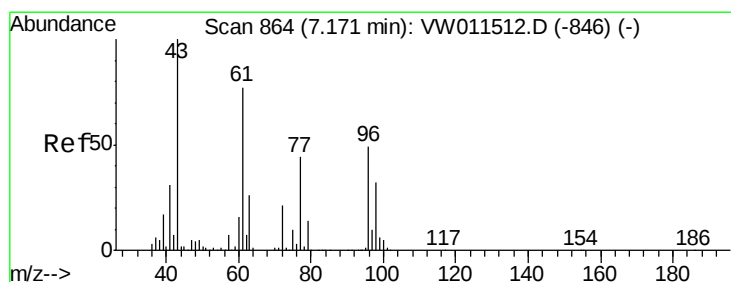
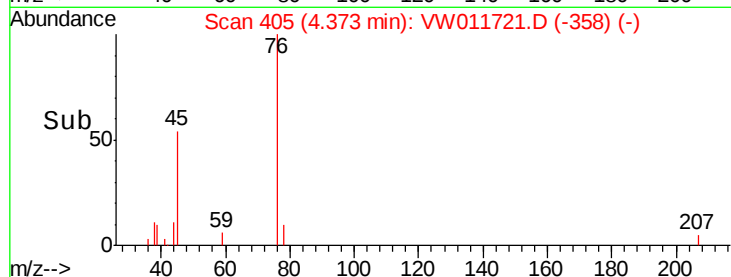
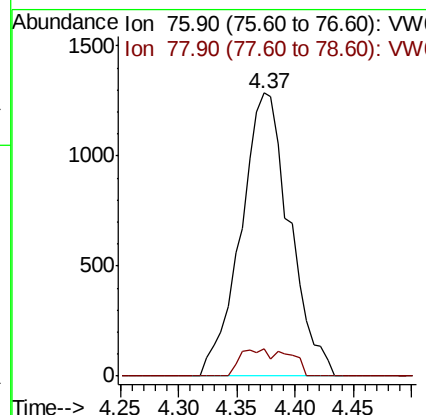
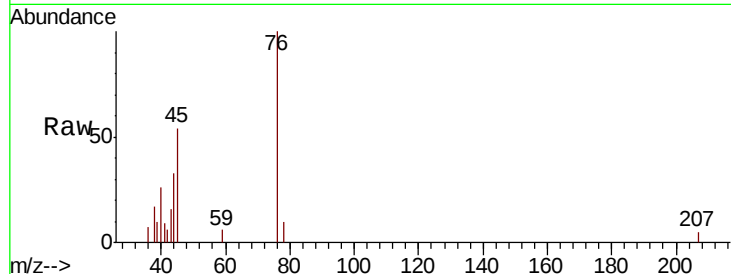




#17
Carbon Disulfide
Concen: 1.442 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW011721.D
Acq: 05 Aug 2019 20:24

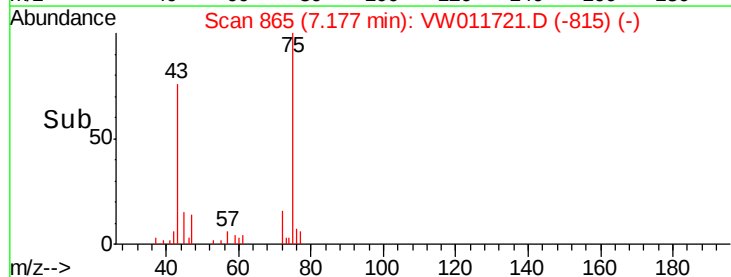
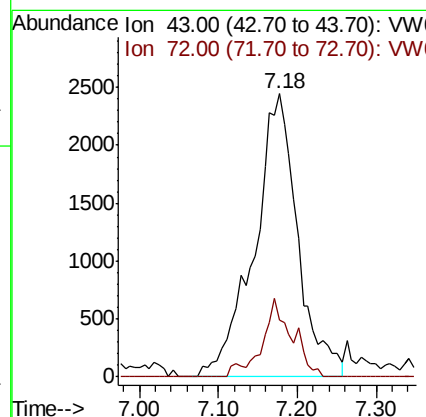
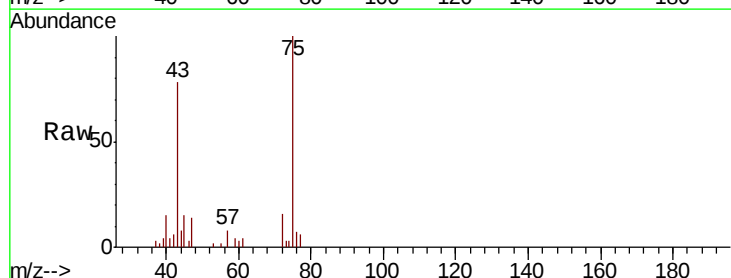
Instrument :
MSVOA_W
ClientSampled :
PS-5

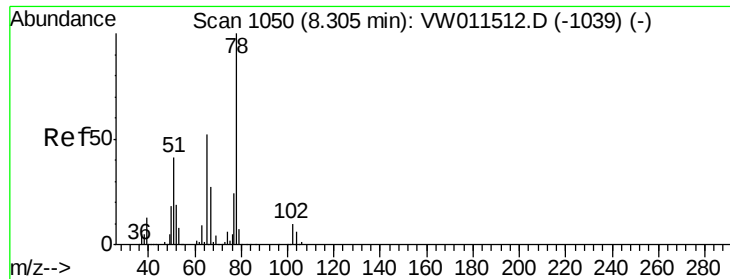
Tot Ion: 76 Resp: 3729
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#25
2-Butanone
Concen: 24.757 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011721.D
Acq: 05 Aug 2019 20:24

Tgt Ion: 43 Resp: 9385
Ion Ratio Lower Upper
43 100
72 20.0 16.6 24.8

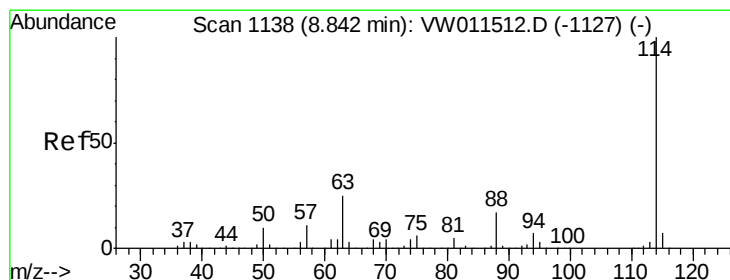
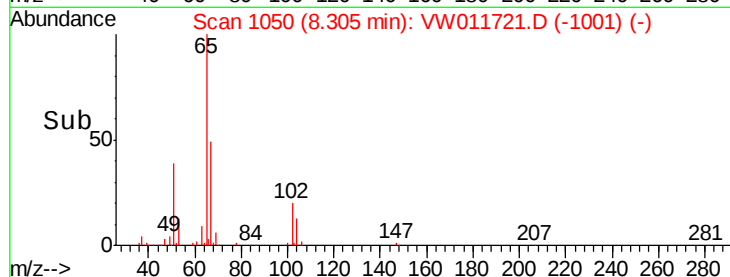
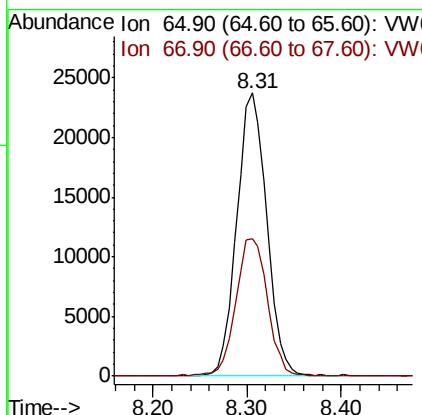
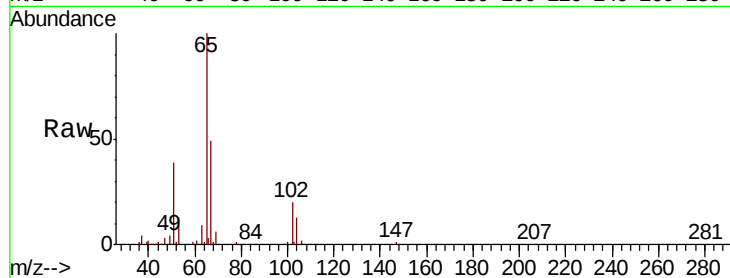




#33
 1,2-Dichloroethane-d4
 Concen: 57.987 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011721.D
 Acq: 05 Aug 2019 20:24

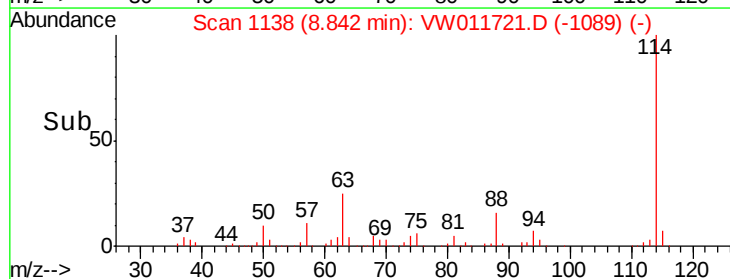
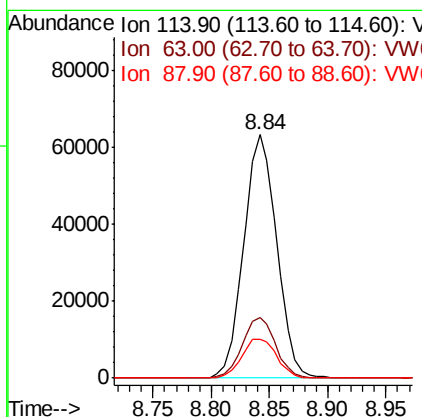
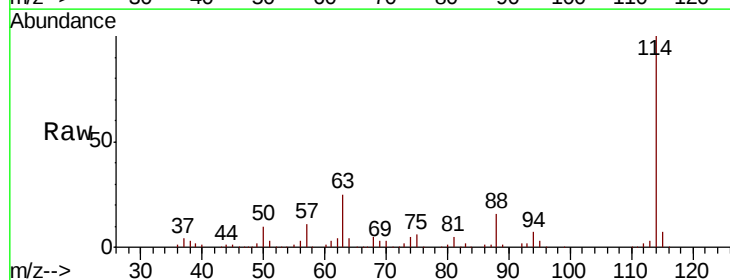
Instrument :
 MSVOA_W
 ClientSampled :
 PS-5

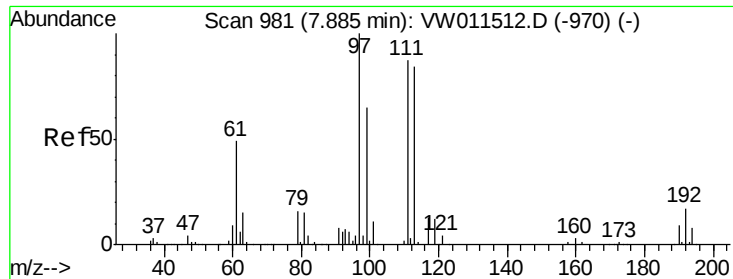
Tot Ion: 65 Resp: 52811
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011721.D
 Acq: 05 Aug 2019 20:24

Tgt Ion: 114 Resp: 125166
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 15.8 0.0 33.8

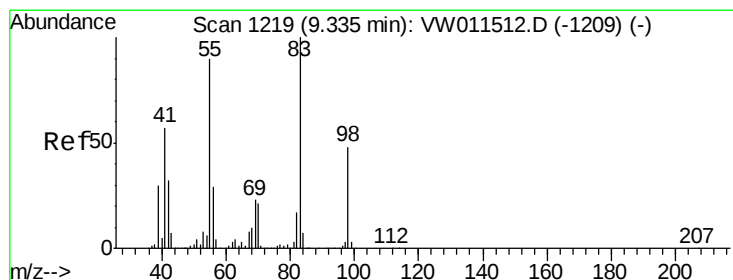
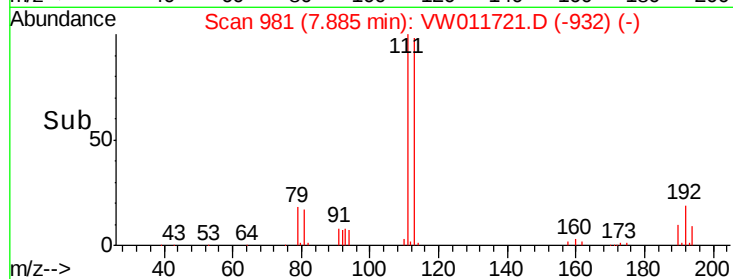
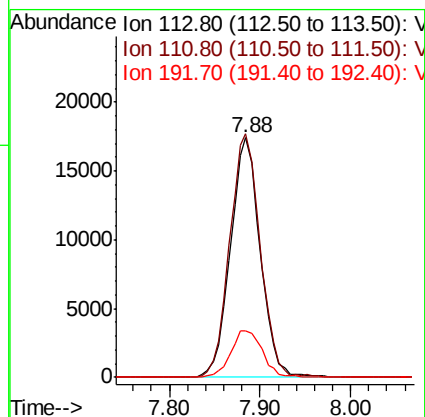
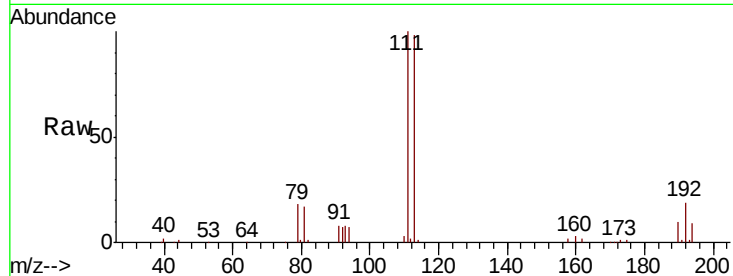




#35
 Dibromofluoromethane
 Concen: 56.392 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011721.D
 Acq: 05 Aug 2019 20:24

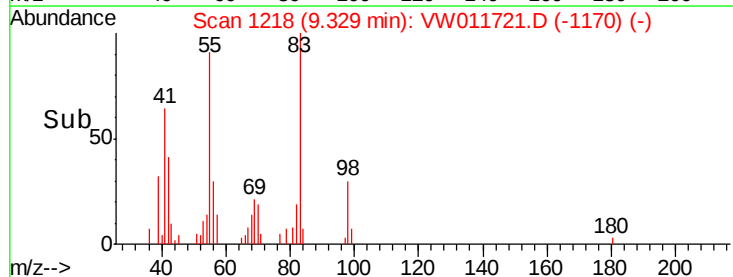
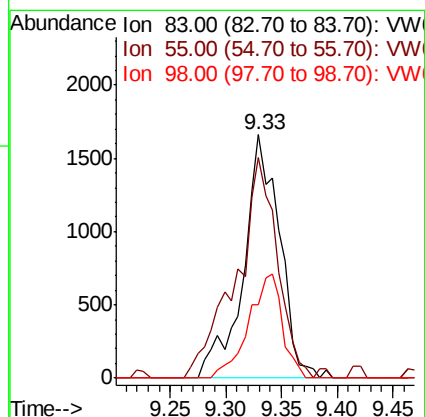
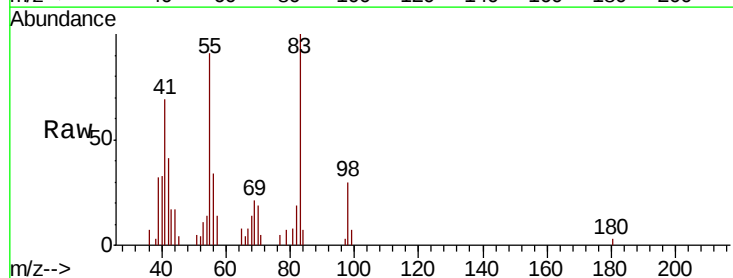
Instrument :
 MSVOA_W
 ClientSampled :
 PS-5

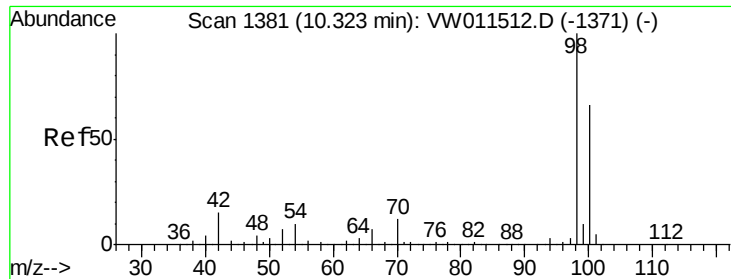
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.7	124.1
192	20.5	16.1	24.1



#39
 Methylcyclohexane
 Concen: 2.631 ug/l
 RT: 9.33 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VW011721.D
 Acq: 05 Aug 2019 20:24

Tgt Ion	Ratio	Lower	Upper
83	100		
55	90.6	72.1	108.1
98	30.2	38.6	57.8#





#50

Toluene-d8

Concen: 53.033 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011721.D

Acq: 05 Aug 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

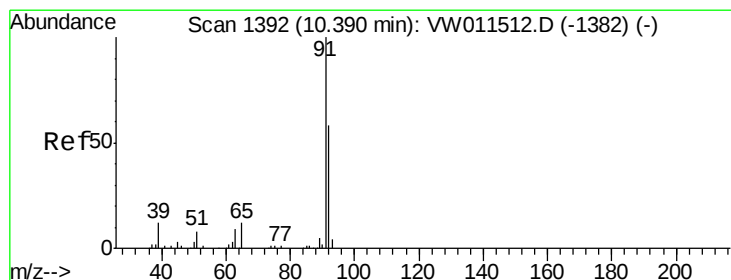
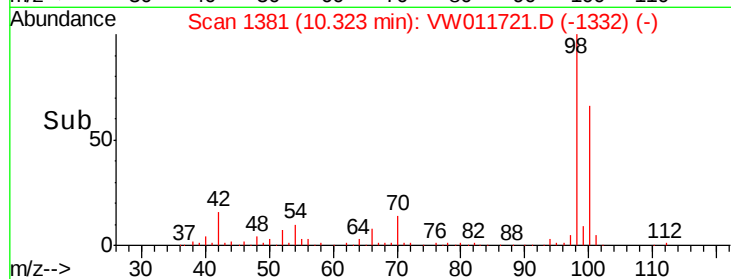
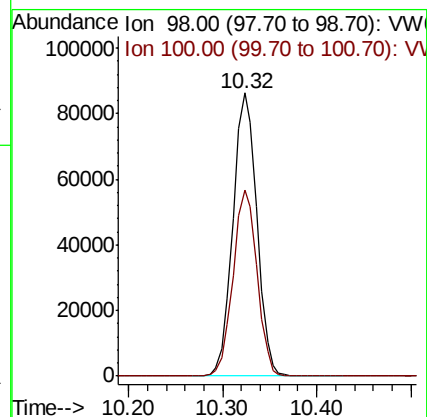
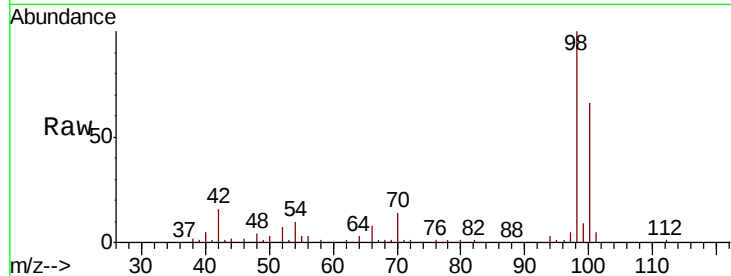
PS-5

Tot Ion: 98 Resp: 152470

Ion Ratio Lower Upper

98 100

100 65.8 52.7 79.1



#52

Toluene

Concen: 35.242 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW011721.D

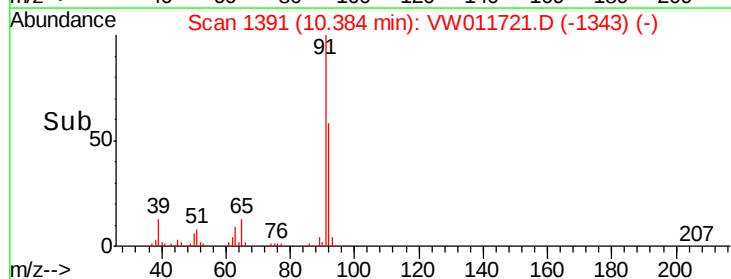
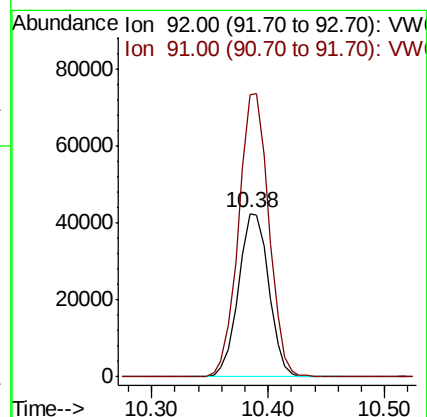
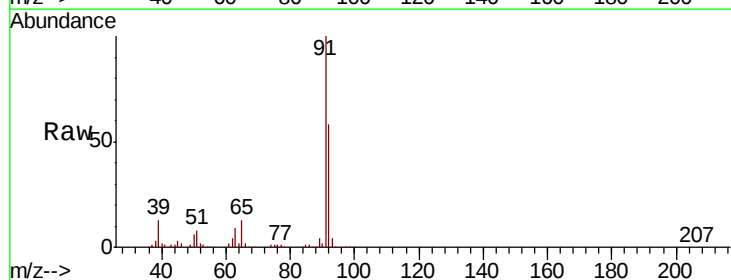
Acq: 05 Aug 2019 20:24

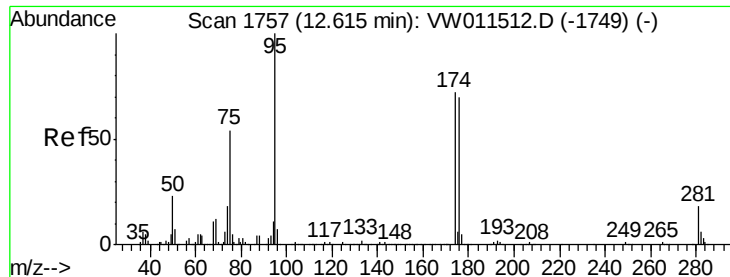
Tgt Ion: 92 Resp: 77588

Ion Ratio Lower Upper

92 100

91 172.4 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 46.188 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011721.D

Acq: 05 Aug 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

PS-5

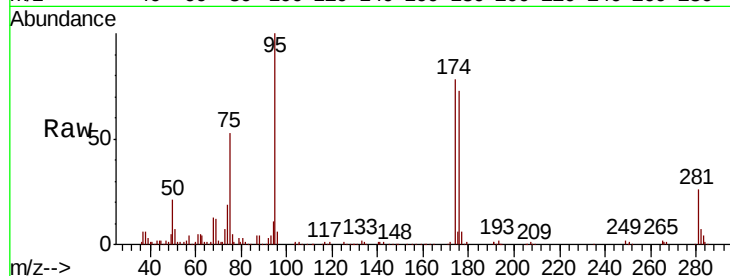
Tot Ion: 95 Resp: 47343

Ion Ratio Lower Upper

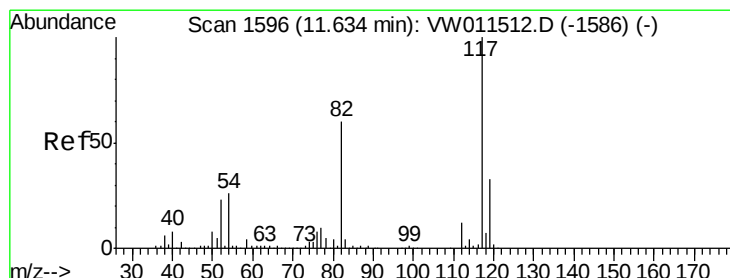
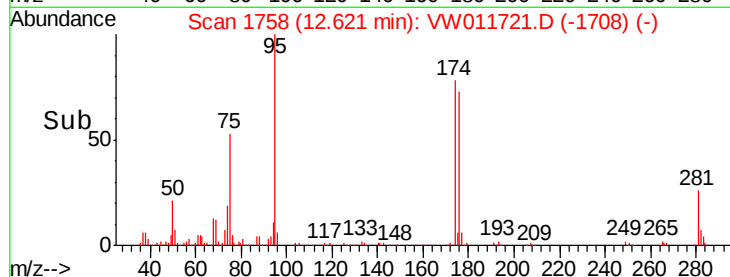
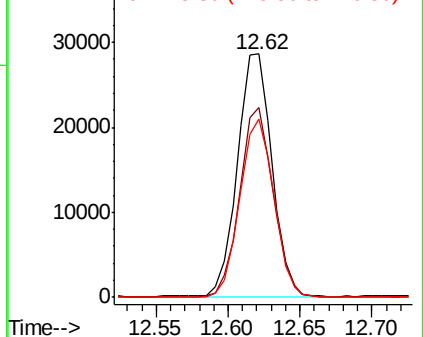
95 100

174 76.3 0.0 150.2

176 72.8 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: VW011721.D

Acq: 05 Aug 2019 20:24

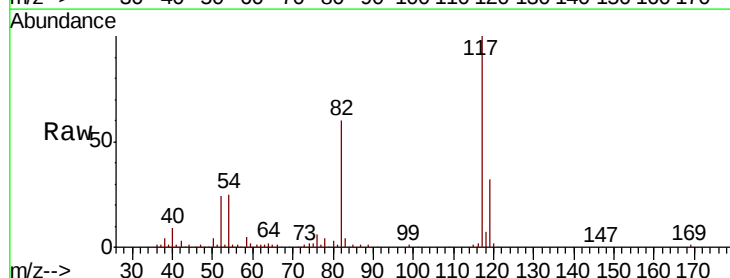
Tgt Ion: 117 Resp: 104078

Ion Ratio Lower Upper

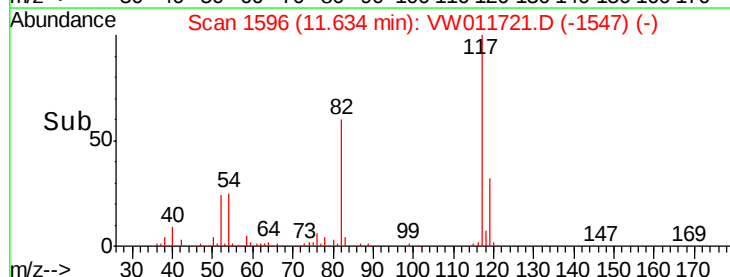
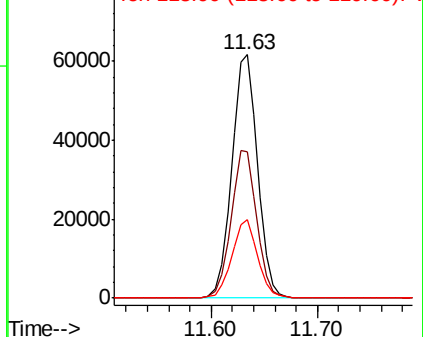
117 100

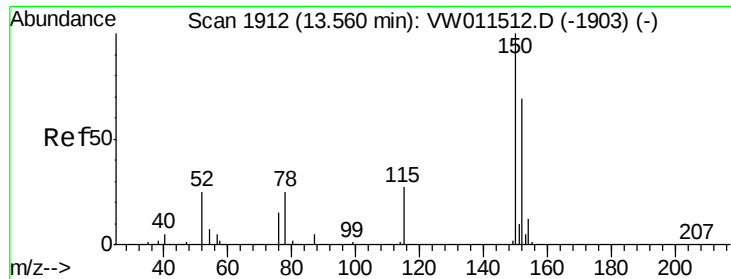
82 60.1 47.9 71.9

119 31.8 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: VW011721.D

Acq: 05 Aug 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

PS-5

Tot Ion:152 Resp: 39687

Ion Ratio Lower Upper

152 100

115 61.4 30.5 91.5

150 155.3 0.0 352.6

