

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007818.D
 Acq On : 22 Dec 2018 01:28
 Operator : SY/AP
 Sample : J6386-19RE
 Misc : 5.55G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS008-0006-01RE

Quant Time: Dec 22 03:17:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

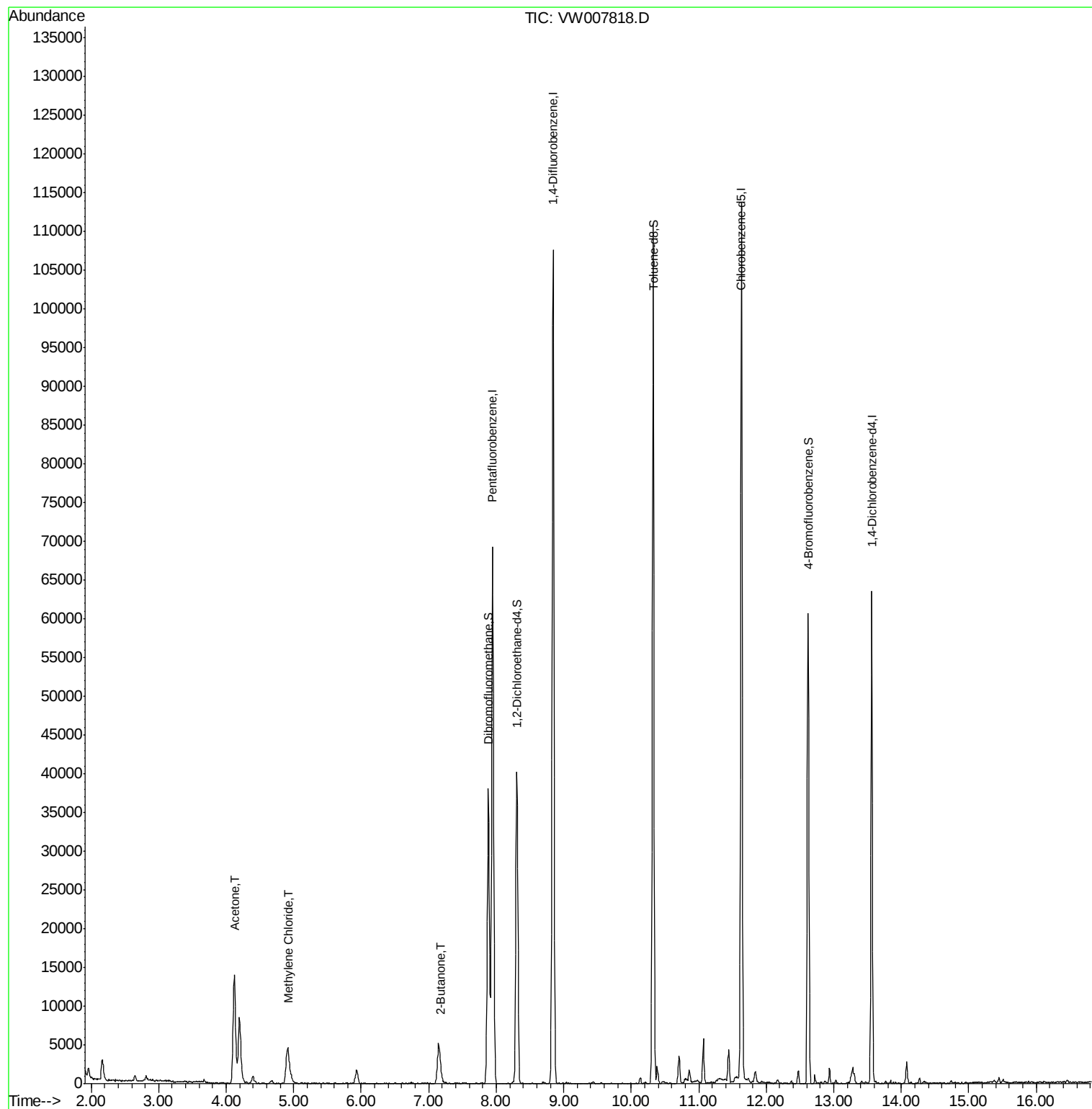
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	51104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	93250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	64228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	16814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	33130	59.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.30%	
35) Dibromofluoromethane	7.88	113	27130	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	10.32	98	73572	34.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.62%	
62) 4-Bromofluorobenzene	12.62	95	19911	24.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.06%	
Target Compounds						
16) Acetone	4.12	43	24498	233.563	ug/l	96
20) Methylene Chloride	4.91	84	4886	3.443	ug/l #	92
25) 2-Butanone	7.18	43	2217	18.046	ug/l	90

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007818.D

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Instrument :

MSVOA_W

ClientSampleId :

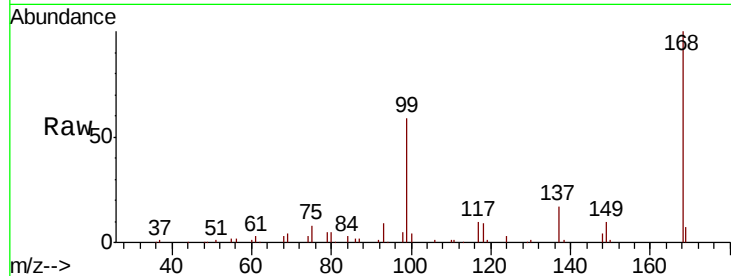
P001-SS008-0006-01RE

Tot Ion:168 Resp: 51104

Ion Ratio Lower Upper

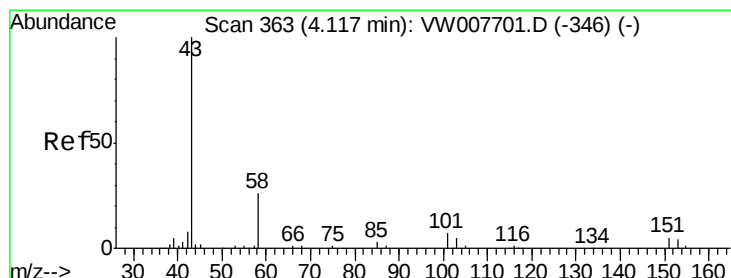
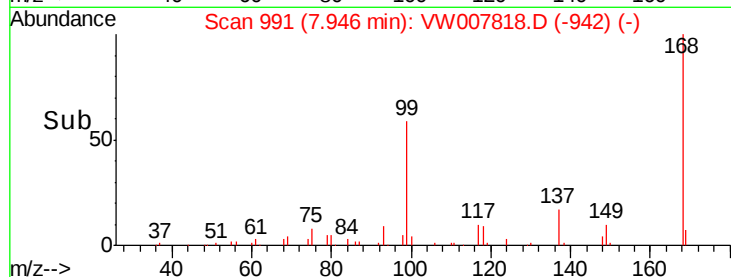
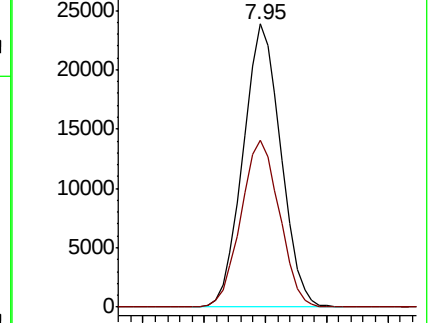
168 100

99 59.1 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 233.563 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007818.D

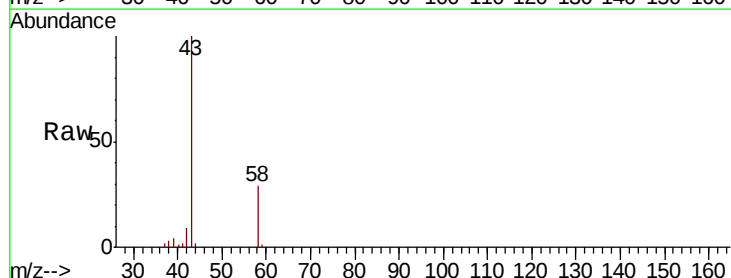
Acq: 22 Dec 2018 01:28

Tgt Ion: 43 Resp: 24498

Ion Ratio Lower Upper

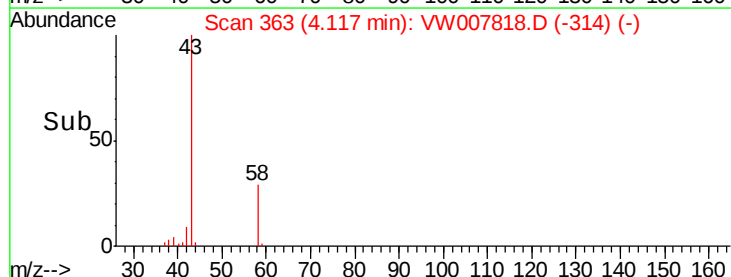
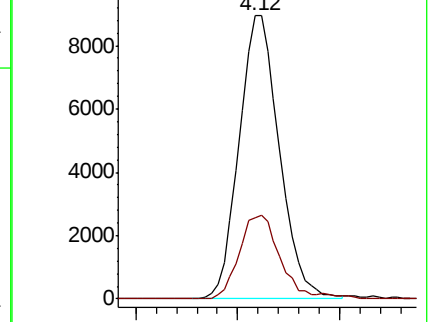
43 100

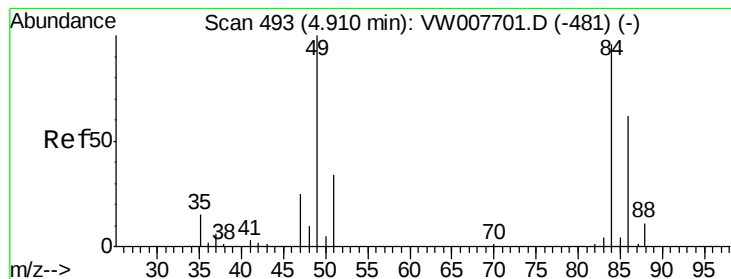
58 28.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 3.443 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW007818.D

Acq: 22 Dec 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

P001-SS008-0006-01RE

Tot Ion: 84 Resp: 4886

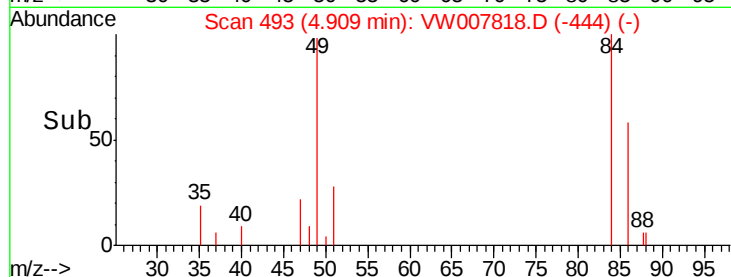
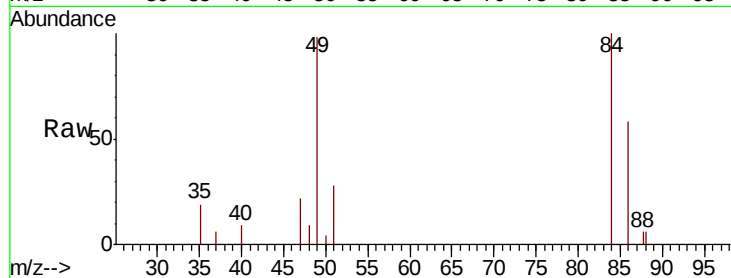
Ion Ratio Lower Upper

84 100

49 97.7 83.7 125.5

51 27.7 28.2 42.2#

86 58.3 52.2 78.2

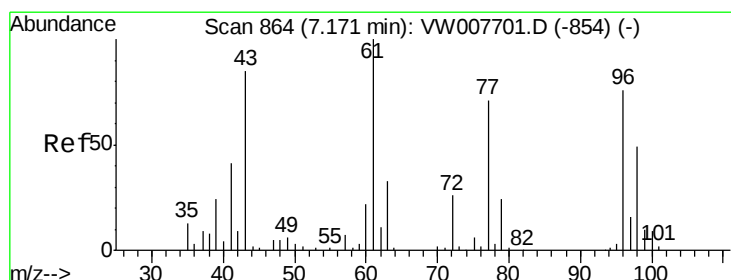
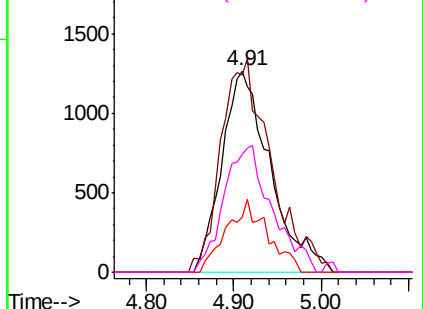


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 18.046 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007818.D

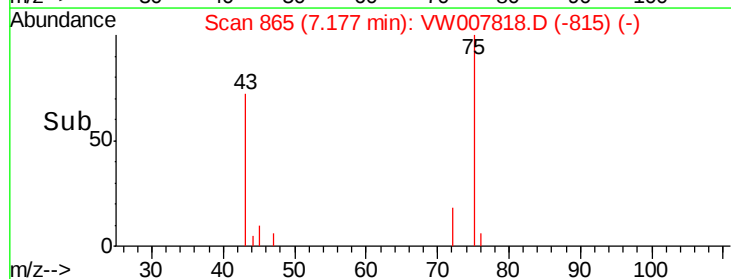
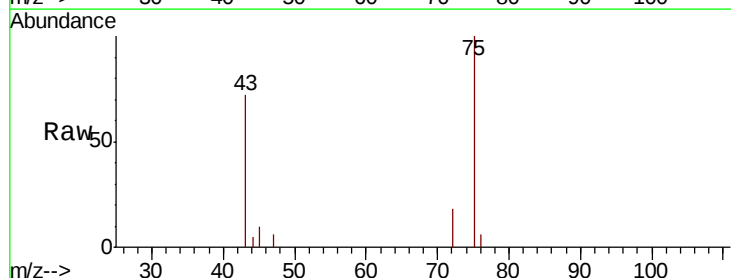
Acq: 22 Dec 2018 01:28

Tgt Ion: 43 Resp: 2217

Ion Ratio Lower Upper

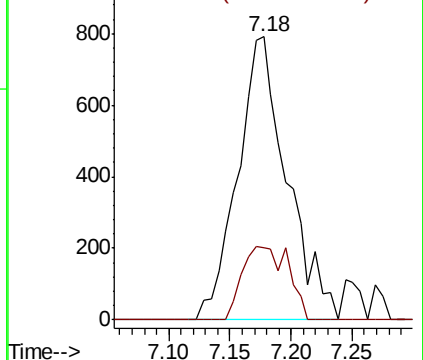
43 100

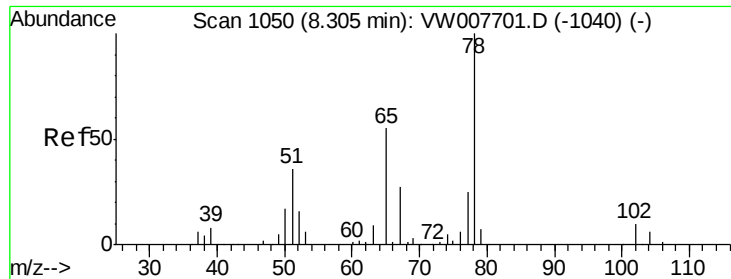
72 25.3 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

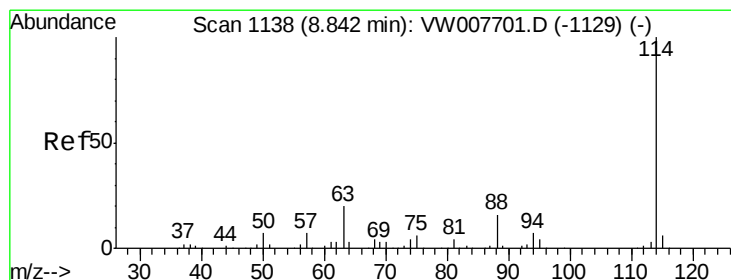
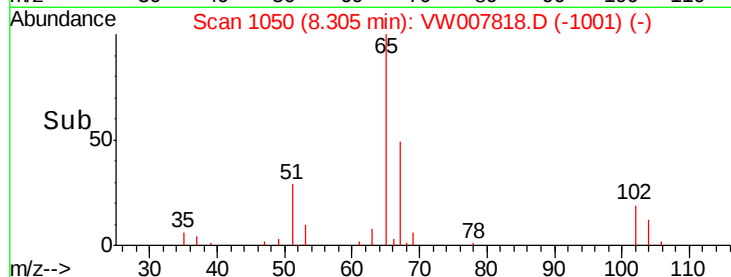
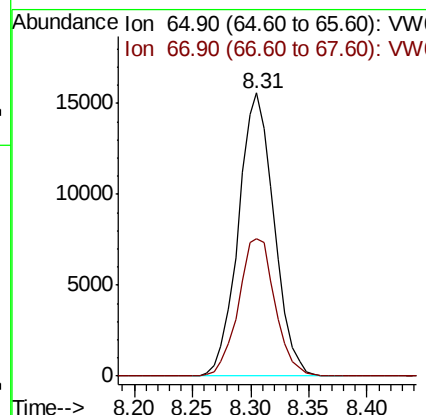
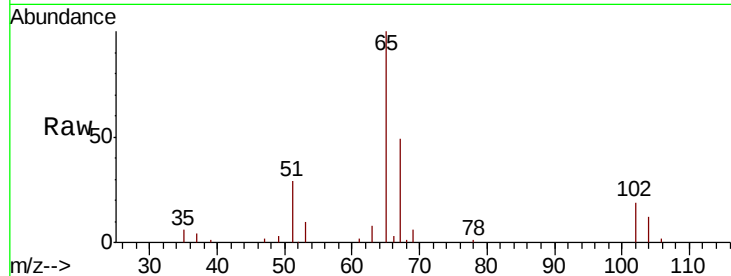




#33
 1,2-Dichloroethane-d4
 Concen: 59.148 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007818.D
 Acq: 22 Dec 2018 01:28

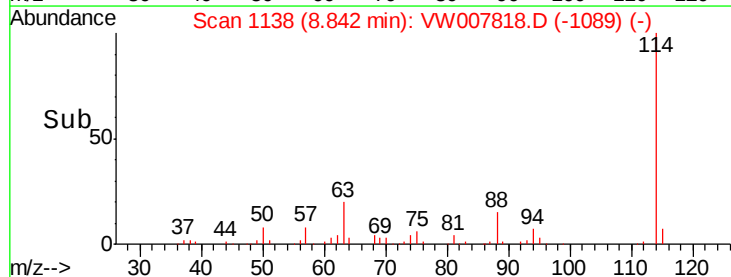
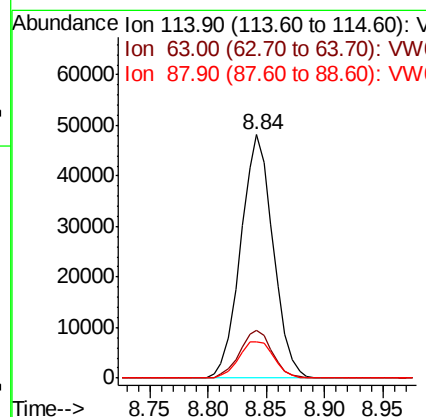
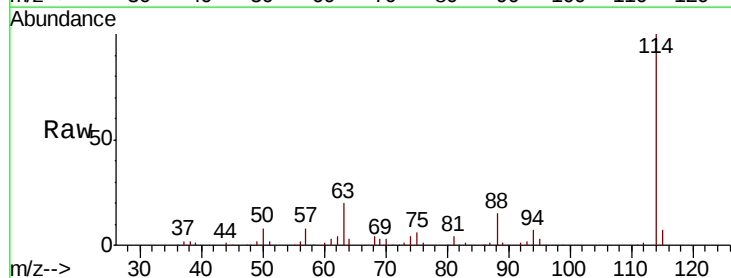
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS008-0006-01RE

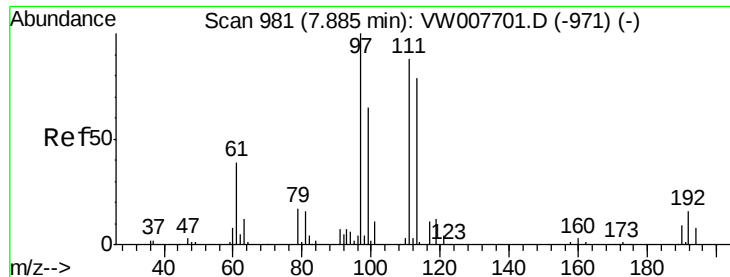
Tot Ion: 65 Resp: 33130
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007818.D
 Acq: 22 Dec 2018 01:28

Tgt Ion: 114 Resp: 93250
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.0 0.0 32.6

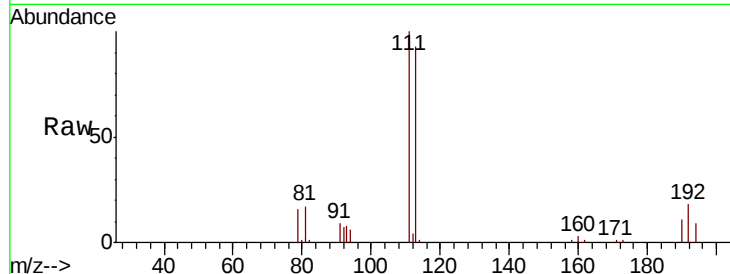




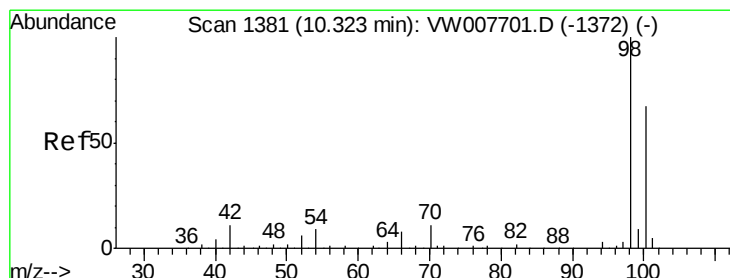
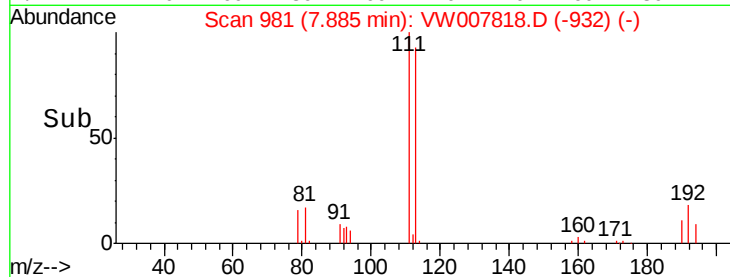
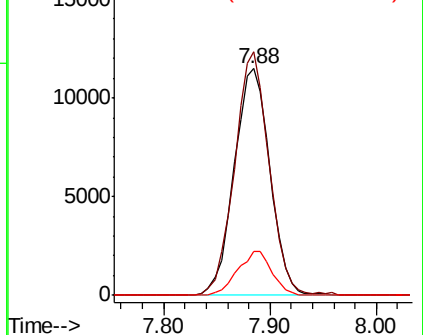
#35
 Dibromofluoromethane
 Concen: 47.691 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007818.D
 Acq: 22 Dec 2018 01:28

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS008-0006-01RE

Tot Ion:113 Resp: 27130
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 124.0
 192 18.5 15.5 23.3

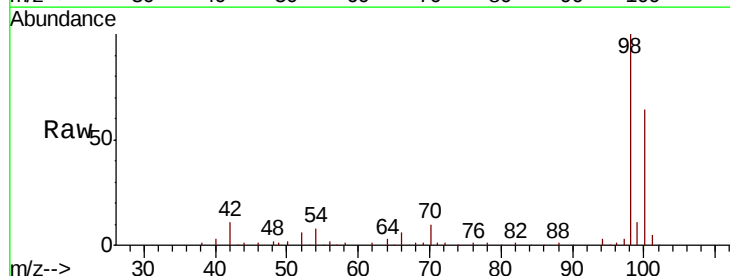


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

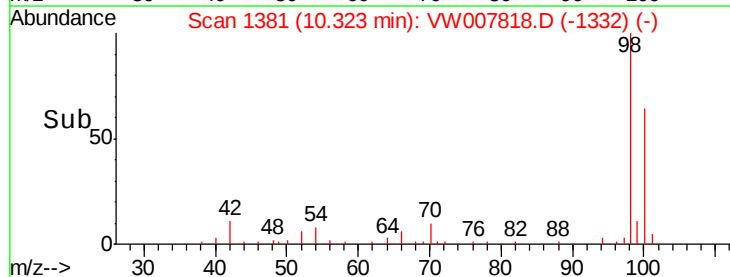
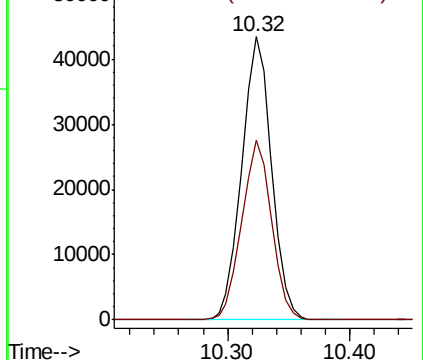


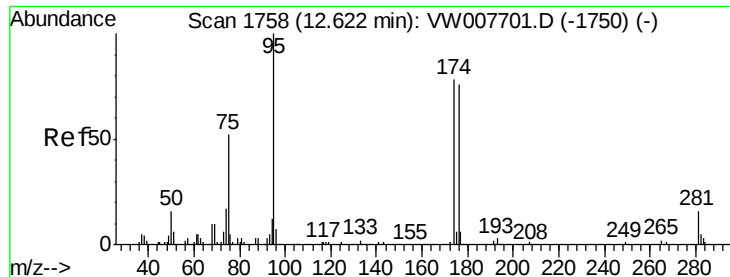
#50
 Toluene-d8
 Concen: 34.306 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007818.D
 Acq: 22 Dec 2018 01:28

Tgt Ion: 98 Resp: 73572
 Ion Ratio Lower Upper
 98 100
 100 63.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 24.033 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007818.D

Acq: 22 Dec 2018 01:28

Instrument :

MSVOA_W

ClientSampleId :

P001-SS008-0006-01RE

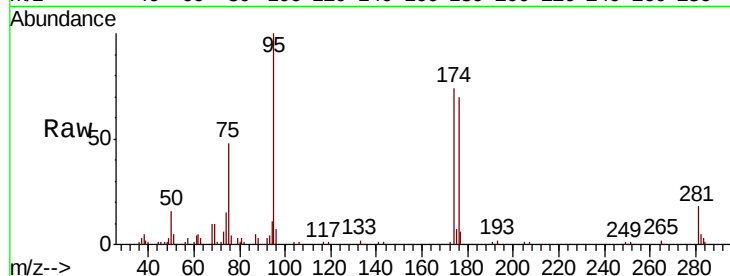
Tot Ion: 95 Resp: 19911

Ion Ratio Lower Upper

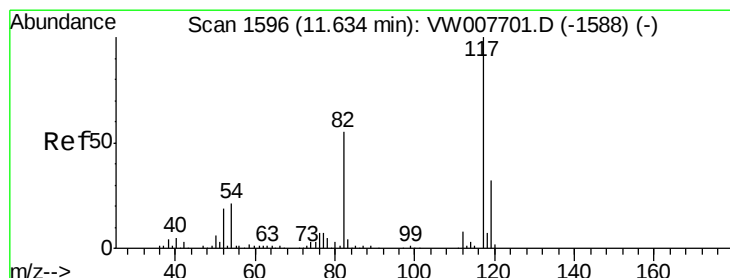
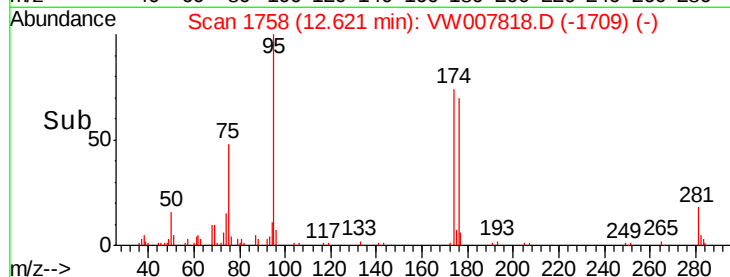
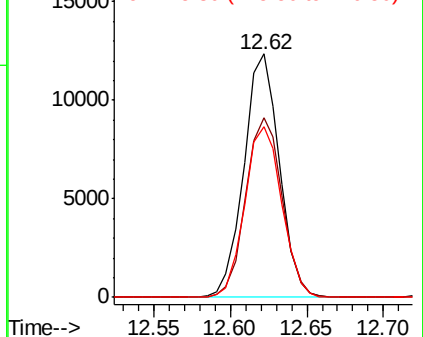
95 100

174 75.7 0.0 152.2

176 72.8 0.0 146.8



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: VW007818.D

Acq: 22 Dec 2018 01:28

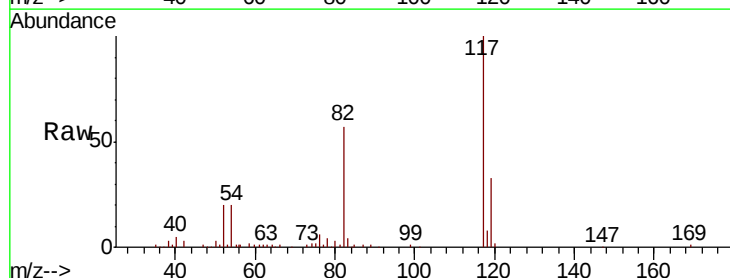
Tgt Ion: 117 Resp: 64228

Ion Ratio Lower Upper

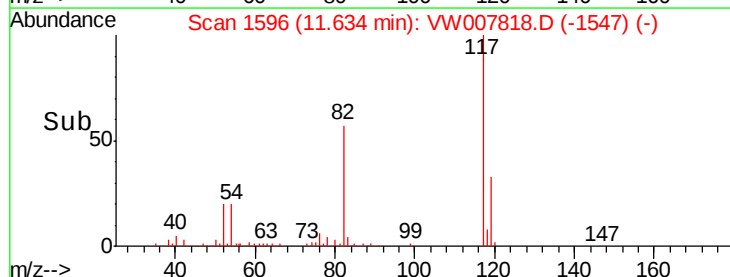
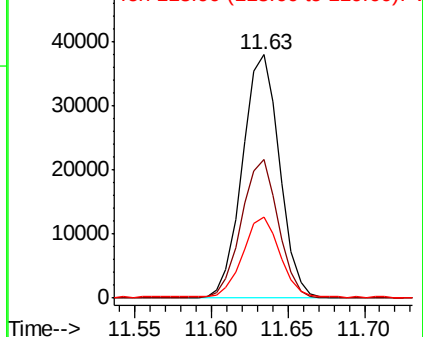
117 100

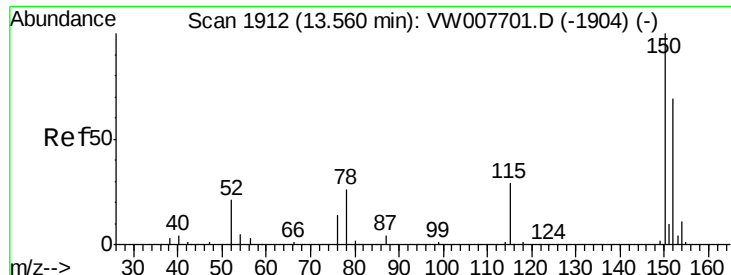
82 56.8 44.3 66.5

119 32.5 25.7 38.5



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

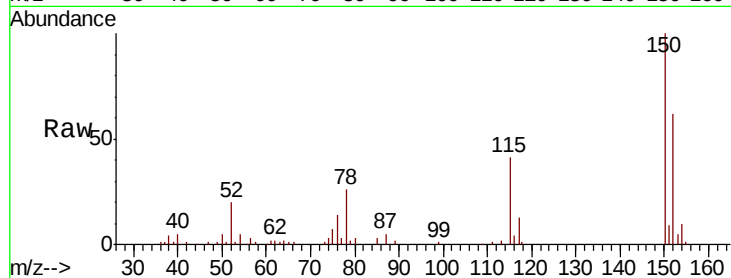




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007818.D
 Acq: 22 Dec 2018 01:28

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS008-0006-01RE

Tot Ion:152 Resp: 16814
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.8 95.4
 150 158.8 0.0 350.8



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

