

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070419\
 Data File : VW011146.D
 Acq On : 03 Jul 2019 18:05
 Operator : SY/VA
 Sample : K3668-05
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SHORT-WALL-AREA

Quant Time: Jul 04 04:51:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

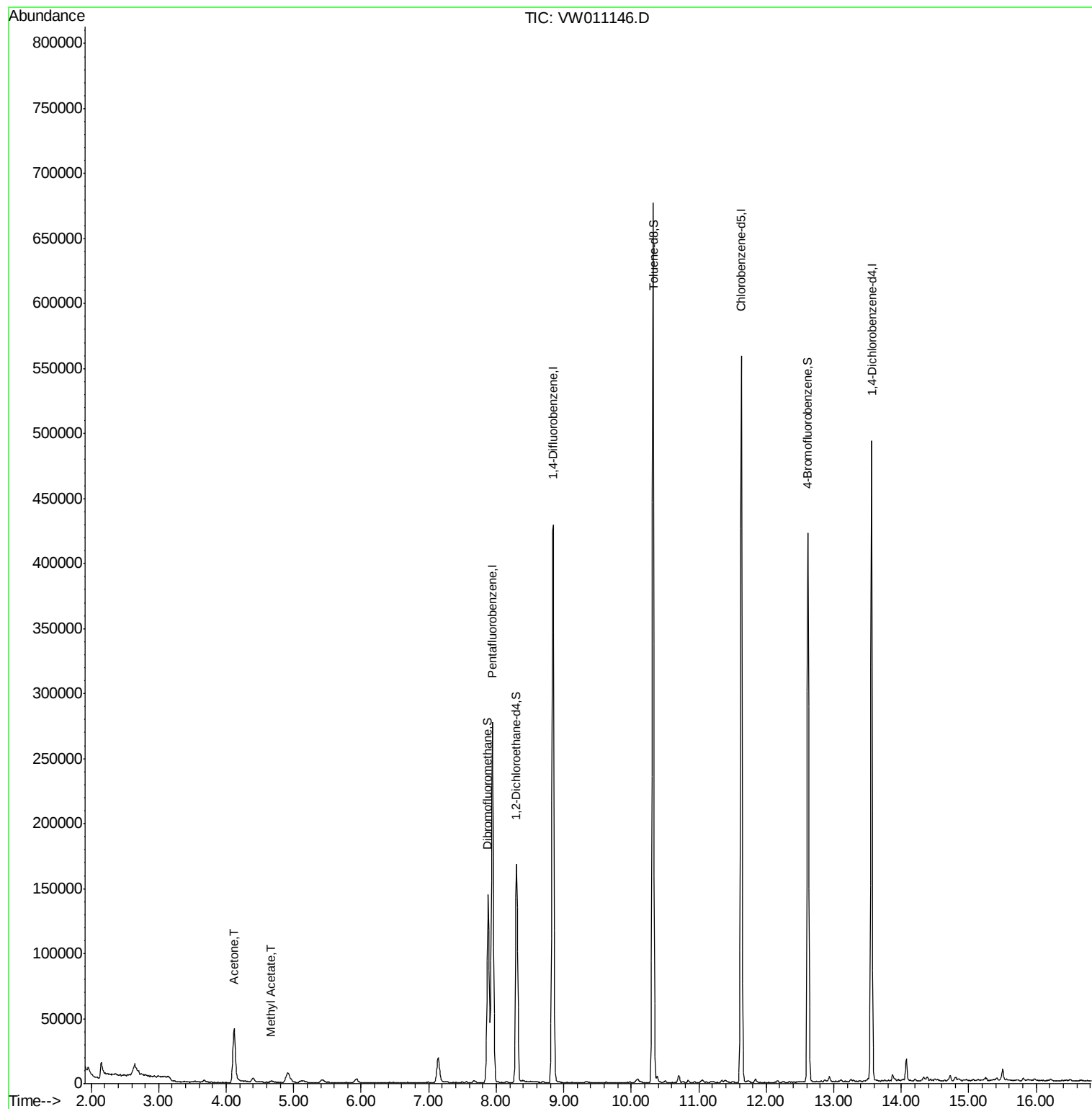
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	199391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	134646	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
35) Dibromofluoromethane	7.88	113	101512	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	10.32	98	423060	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.62	95	136485	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.56%	
Target Compounds						
16) Acetone	4.12	43	75952	119.375	ug/l	97
18) Methyl Acetate	4.67	43	2459	1.492	ug/l	92

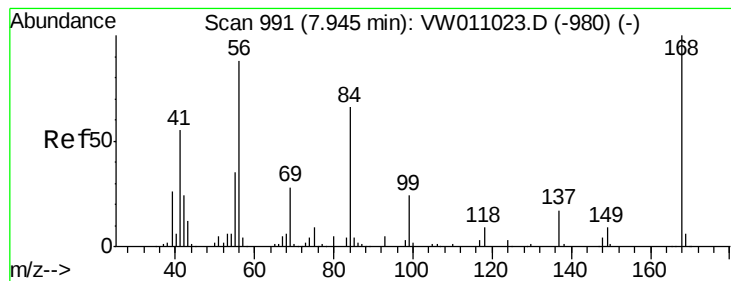
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011146.D

Acq: 03 Jul 2019 18:05

Instrument :

MSVOA_W

ClientSampleId :

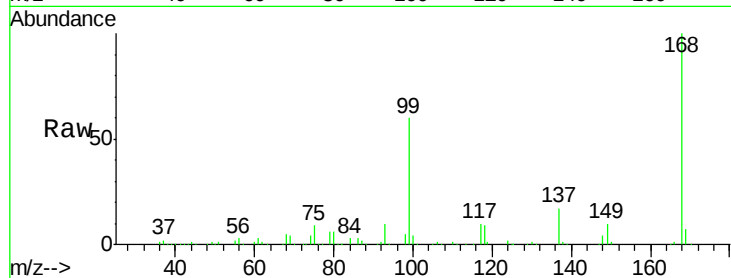
SHORT-WALL-AREA

Tot Ion:168 Resp: 199391

Ion Ratio Lower Upper

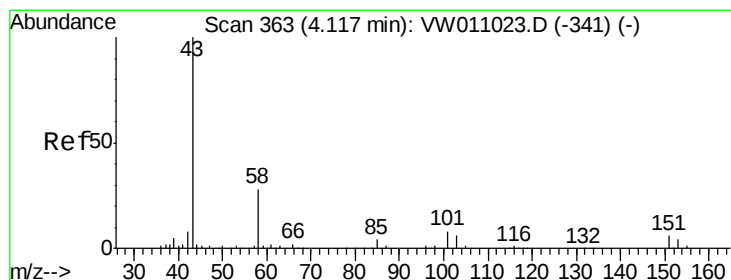
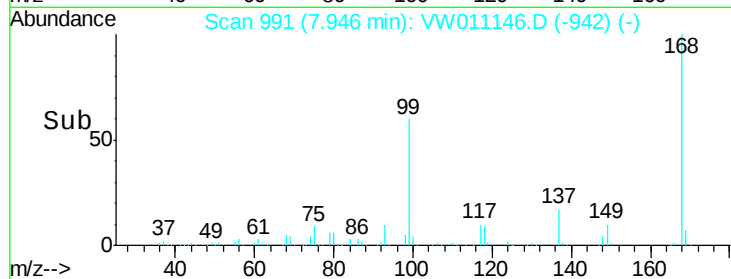
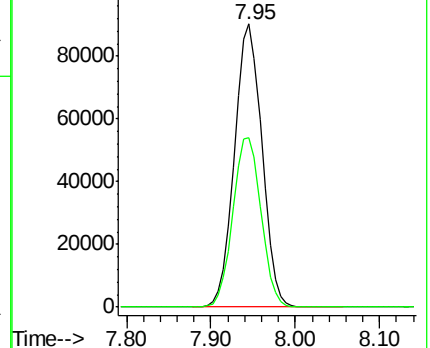
168 100

99 60.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 119.375 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011146.D

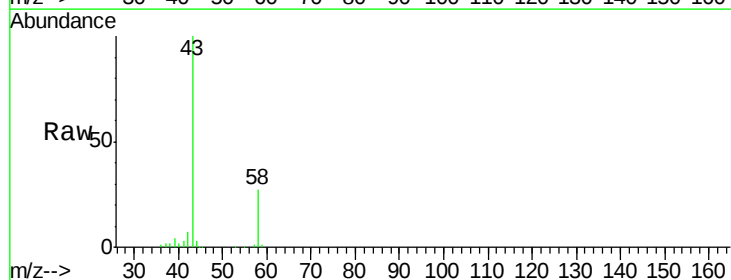
Acq: 03 Jul 2019 18:05

Tgt Ion: 43 Resp: 75952

Ion Ratio Lower Upper

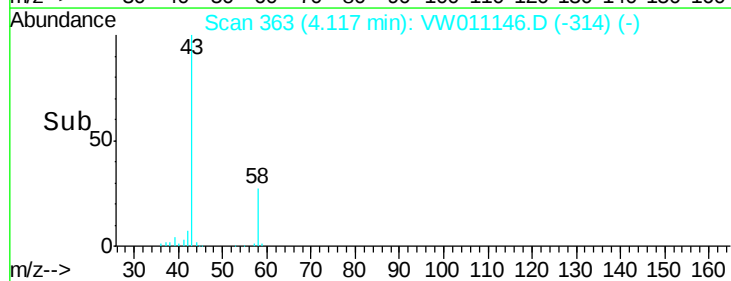
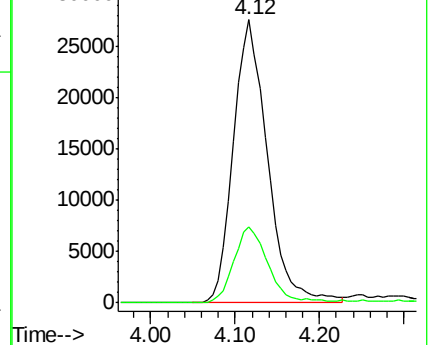
43 100

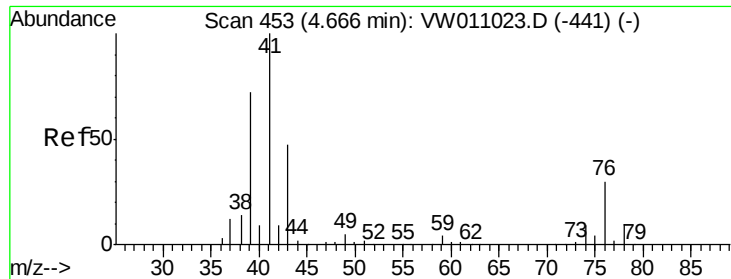
58 26.7 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

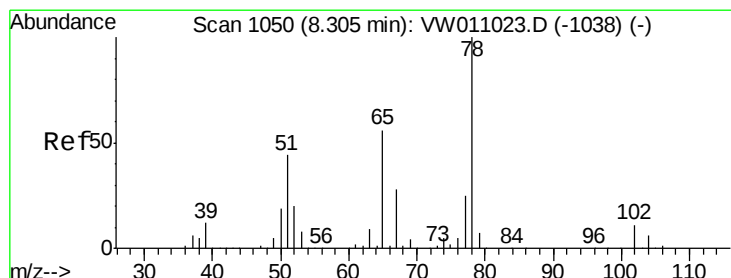
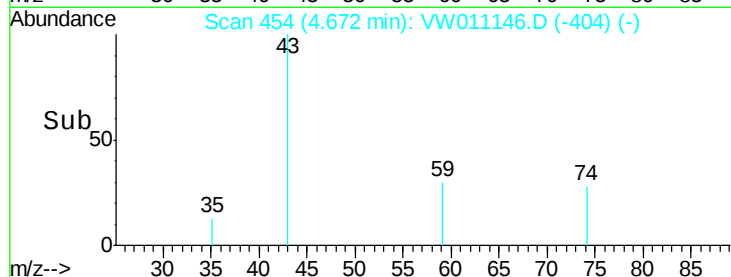
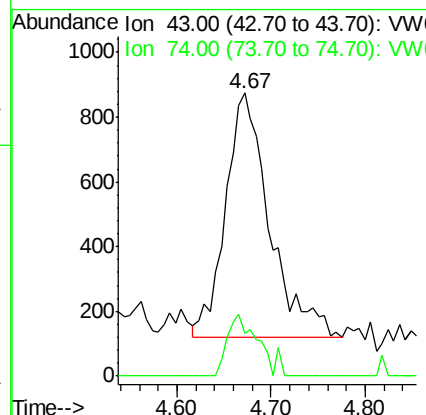
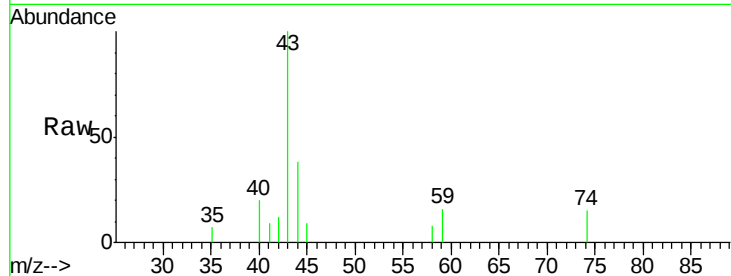




#18
Methyl Acetate
Concen: 1.492 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW011146.D
Acq: 03 Jul 2019 18:05

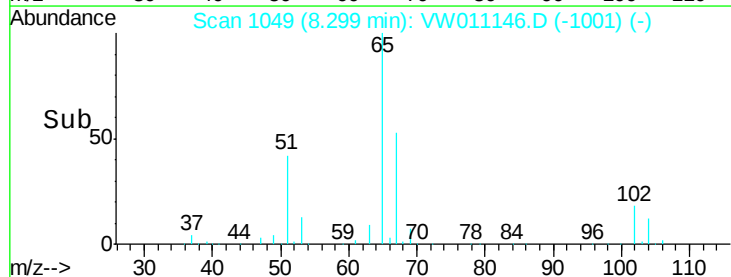
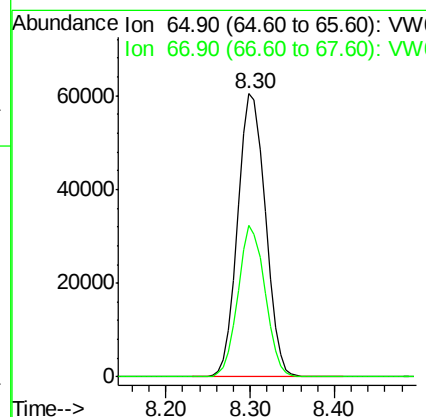
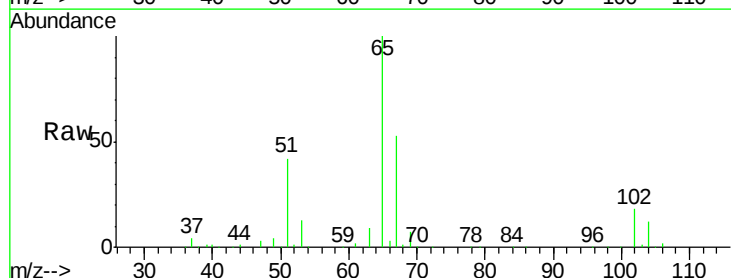
Instrument :
MSVOA_W
ClientSampleId :
SHORT-WALL-AREA

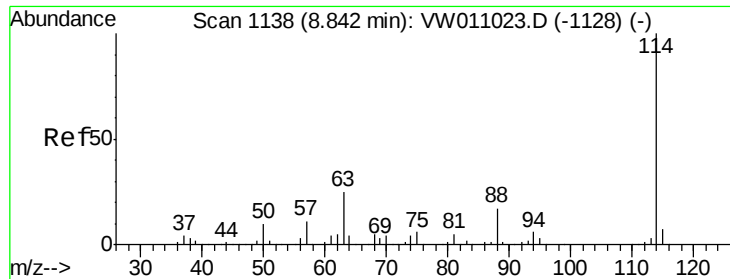
Tot Ion: 43 Resp: 2459
Ion Ratio Lower Upper
43 100
74 16.3 15.8 23.8



#33
1,2-Dichloroethane-d4
Concen: 51.656 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW011146.D
Acq: 03 Jul 2019 18:05

Tgt Ion: 65 Resp: 134646
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

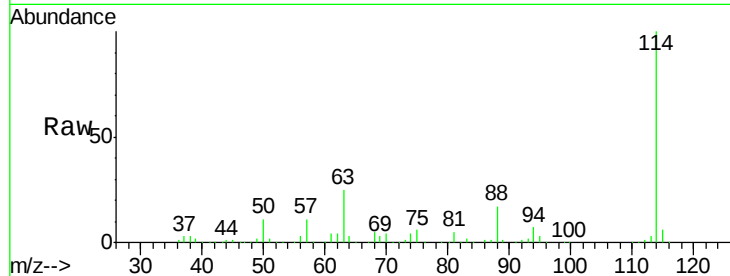




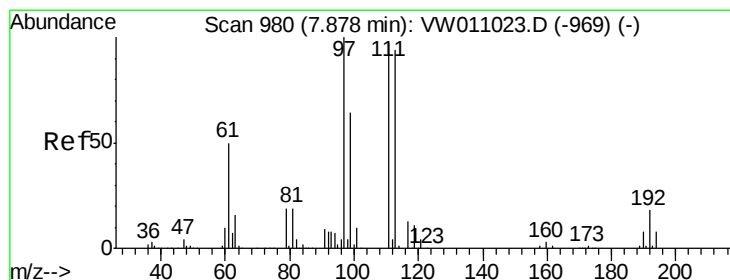
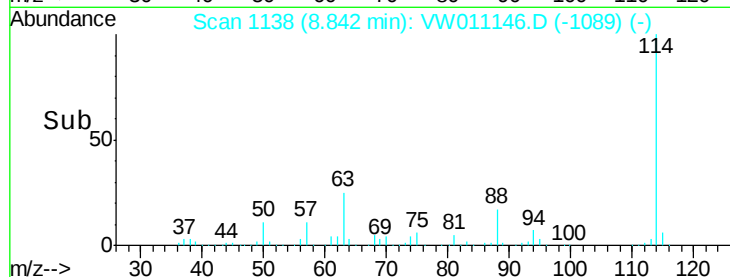
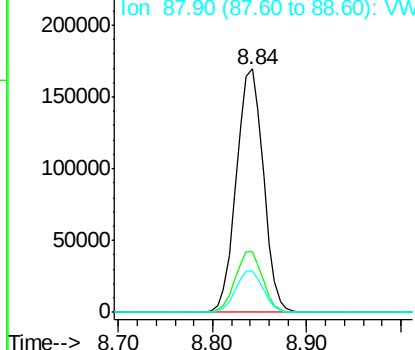
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011146.D
 Acq: 03 Jul 2019 18:05

Instrument :
 MSVOA_W
 ClientSampleId :
 SHORT-WALL-AREA

Tot Ion:114 Resp: 339126
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.6
 88 17.0 0.0 34.0

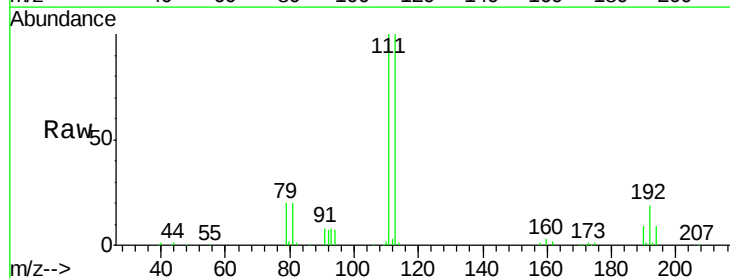


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

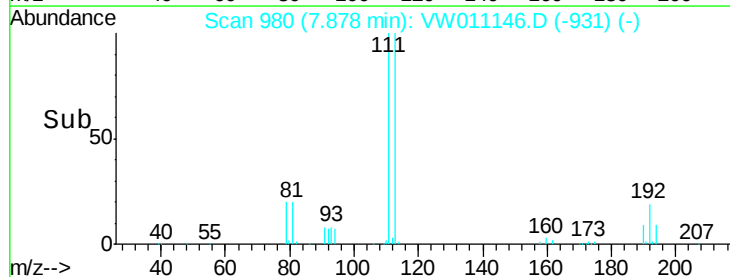
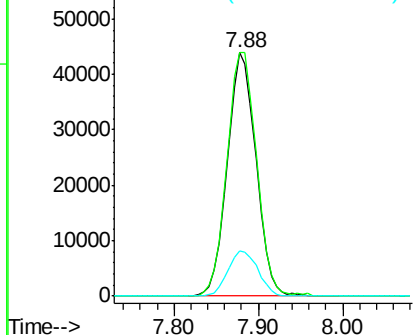


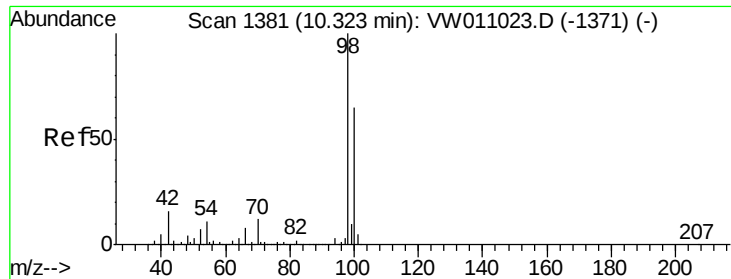
#35
 Dibromofluoromethane
 Concen: 49.020 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW011146.D
 Acq: 03 Jul 2019 18:05

Tgt Ion:113 Resp: 101512
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.8 125.6
 192 19.5 16.0 24.0



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: 49.631 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011146.D

Acq: 03 Jul 2019 18:05

Instrument :

MSVOA_W

ClientSampleId :

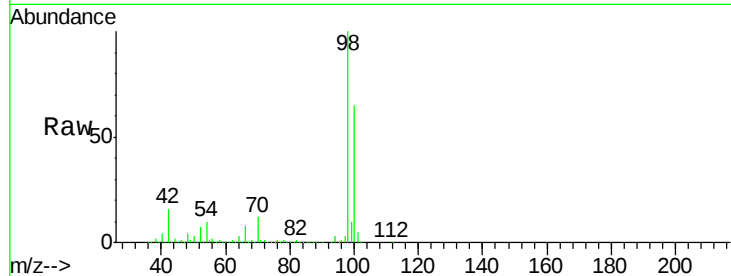
SHORT-WALL-AREA

Tot Ion: 98 Resp: 423060

Ion Ratio Lower Upper

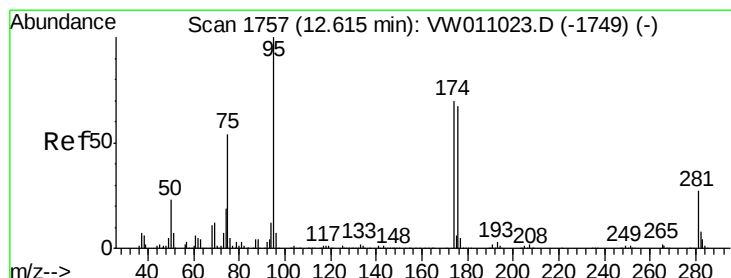
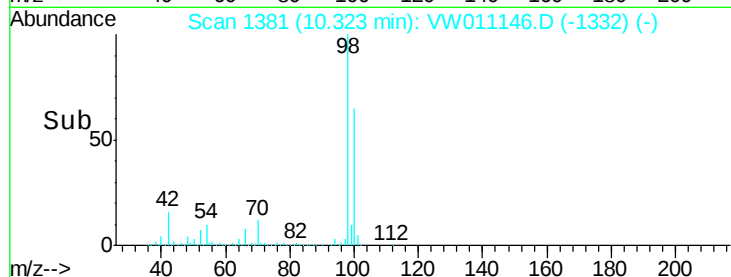
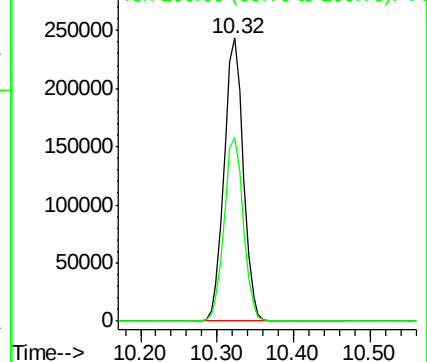
98 100

100 65.2 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.777 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011146.D

Acq: 03 Jul 2019 18:05

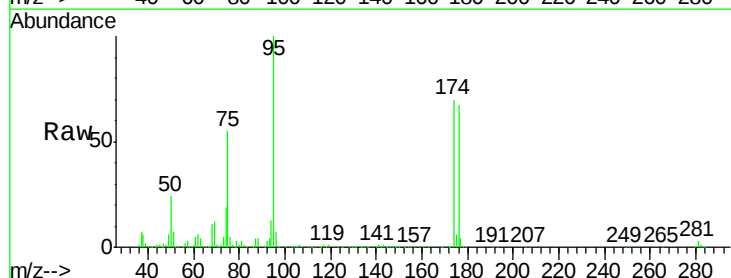
Tgt Ion: 95 Resp: 136485

Ion Ratio Lower Upper

95 100

174 74.4 0.0 149.2

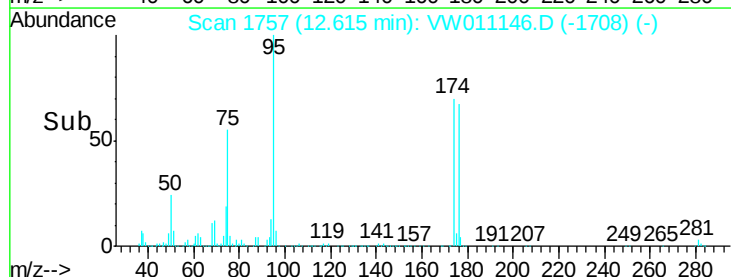
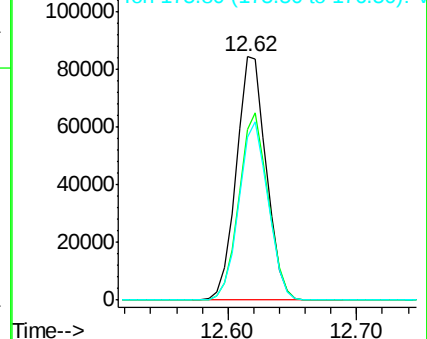
176 71.3 0.0 143.6

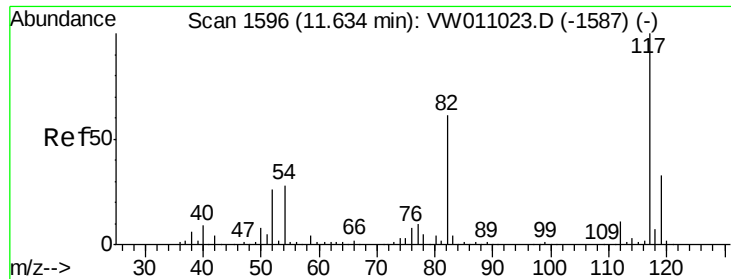


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

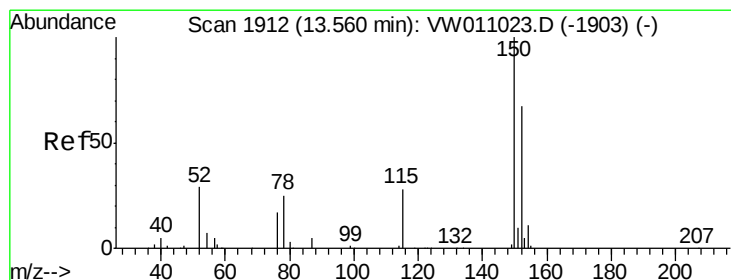
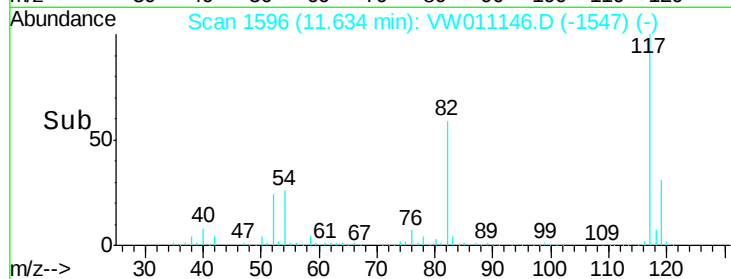
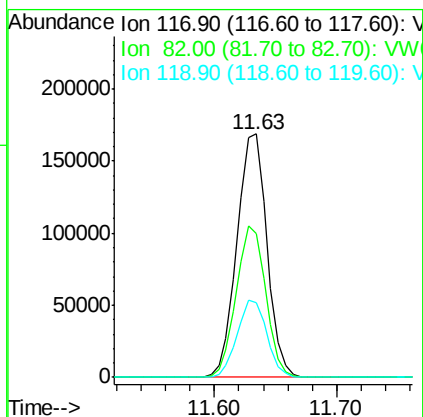
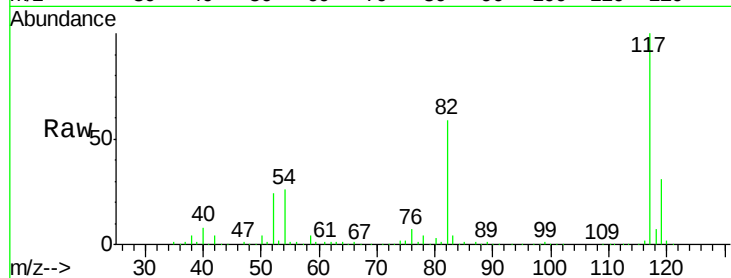




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011146.D
Acq: 03 Jul 2019 18:05

Instrument :
MSVOA_W
ClientSampleId :
SHORT-WALL-AREA

Tot Ion:117 Resp: 287147
Ion Ratio Lower Upper
117 100
82 59.0 48.6 73.0
119 30.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011146.D
Acq: 03 Jul 2019 18:05

Tgt Ion:152 Resp: 119590
Ion Ratio Lower Upper
152 100
115 61.2 30.7 92.1
150 156.9 0.0 341.8

