

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007530.D
 Acq On : 14 Dec 2018 12:58
 Operator : SY/AP
 Sample : J6322-13
 Misc : 7.75G/5ML/MSVOA_W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-5-120718

Quant Time: Dec 14 14:08:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

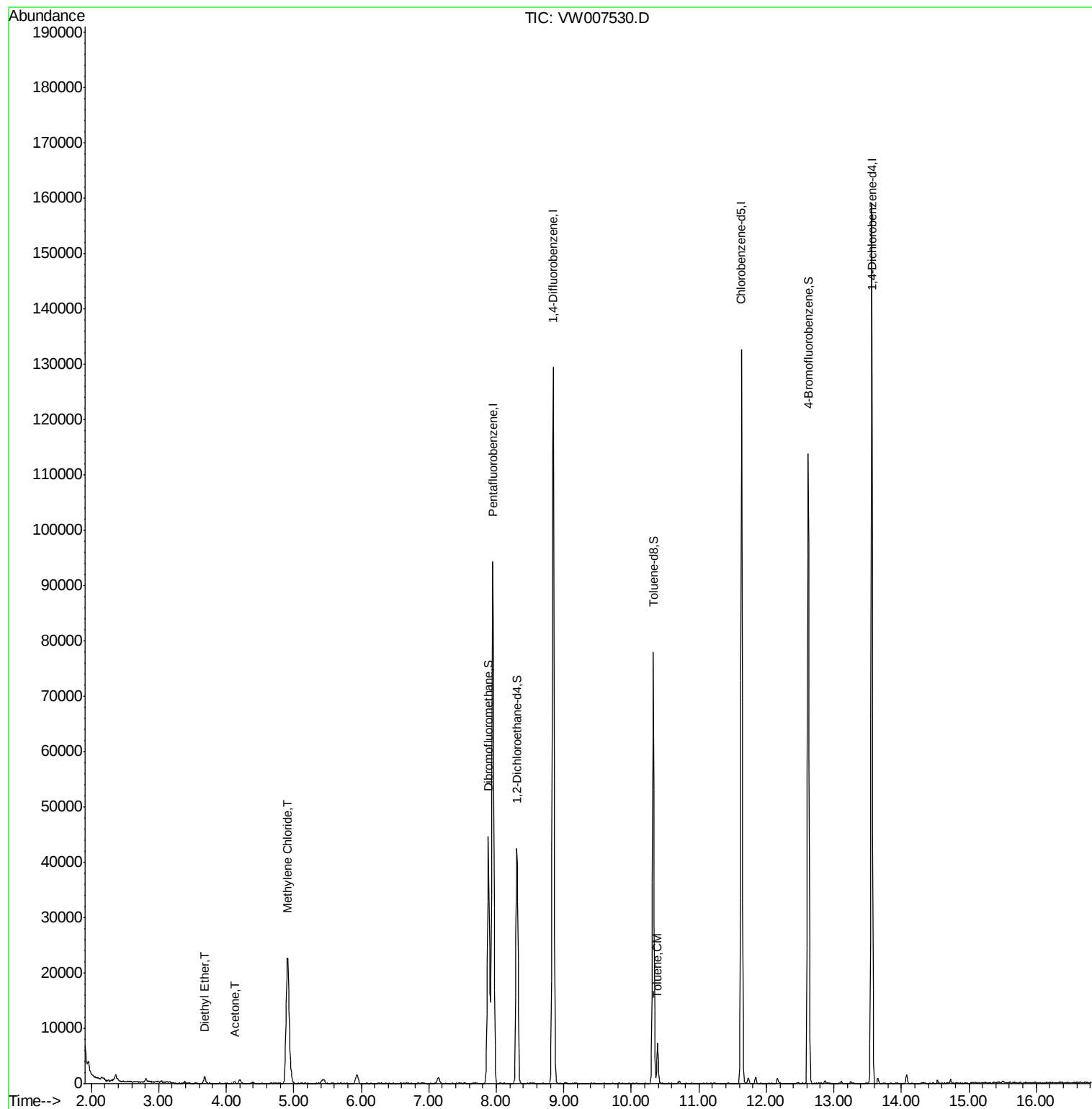
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	68354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	73767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	40344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35436	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
35) Dibromofluoromethane	7.88	113	32752	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	10.32	98	52156	20.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.36%	
62) 4-Bromofluorobenzene	12.62	95	38019	40.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.98%	
Target Compounds						
8) Diethyl Ether	3.69	74	554	1.677	ug/l	92
16) Acetone	4.12	43	509	3.843	ug/l	93
20) Methylene Chloride	4.91	84	18520	23.490	ug/l	90
52) Toluene	10.39	92	3249	1.784	ug/l	96

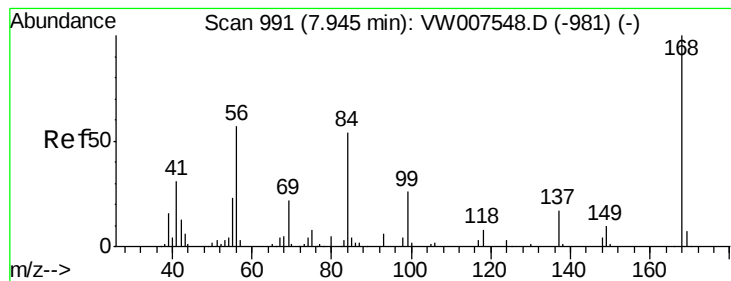
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007530.D

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Instrument :

MSVOA_W

ClientSampleId :

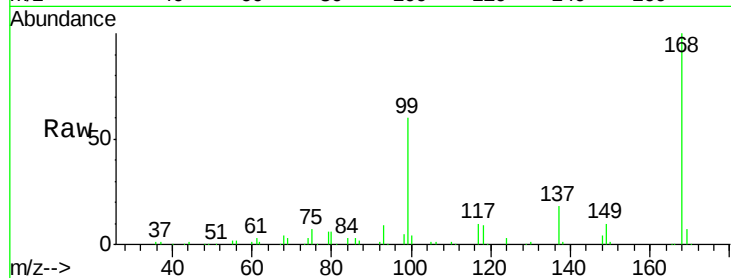
SUP-2A-G-5-120718

Tgt Ion: 168 Resp: 68354

Ion Ratio Lower Upper

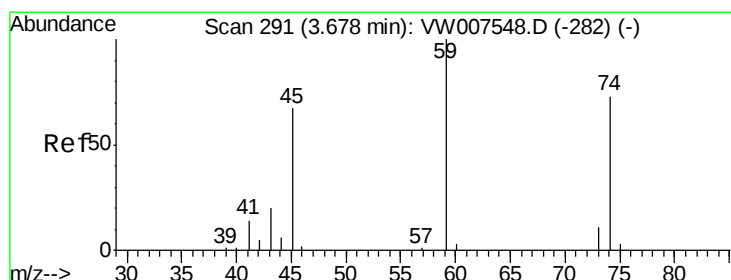
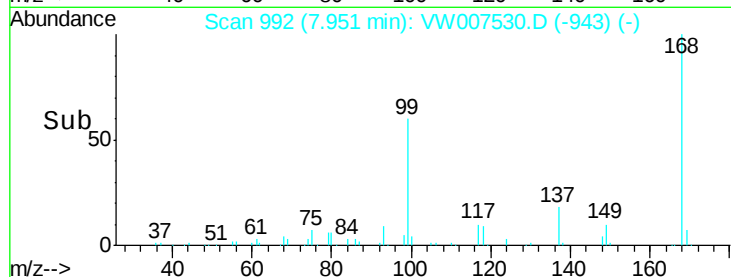
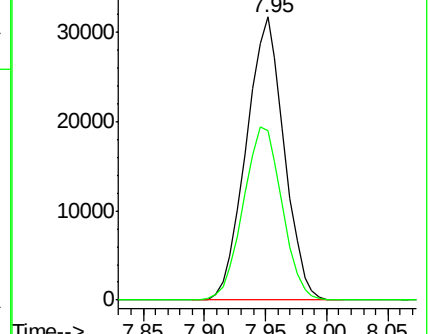
168 100

99 60.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.677 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW007530.D

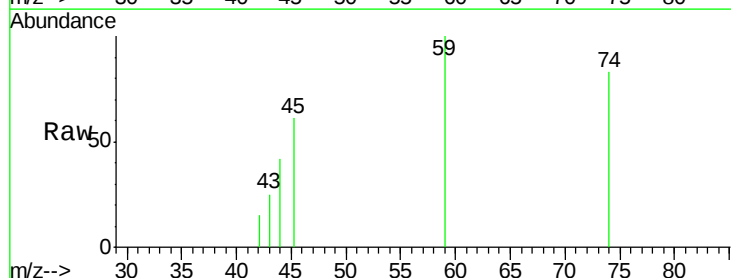
Acq: 14 Dec 2018 12:58

Tgt Ion: 74 Resp: 554

Ion Ratio Lower Upper

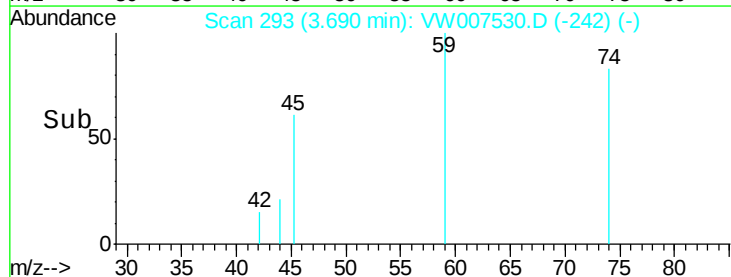
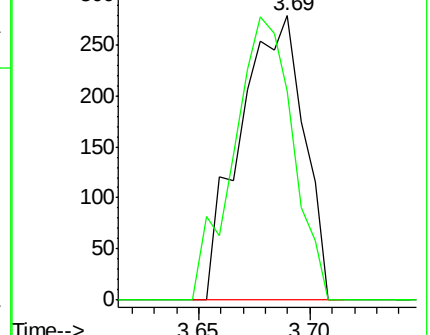
74 100

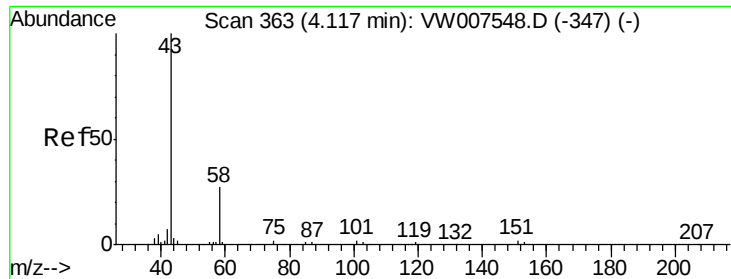
45 93.0 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 3.843 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007530.D

Acq: 14 Dec 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

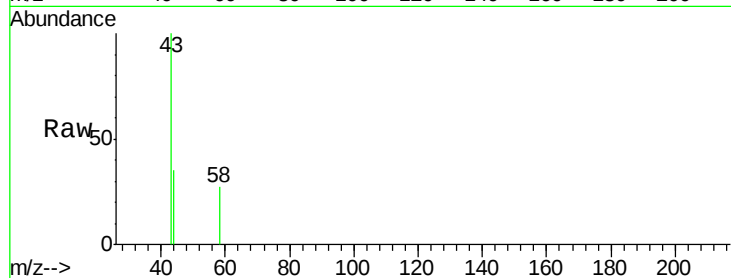
SUP-2A-G-5-120718

Tgt Ion: 43 Resp: 509

Ion Ratio Lower Upper

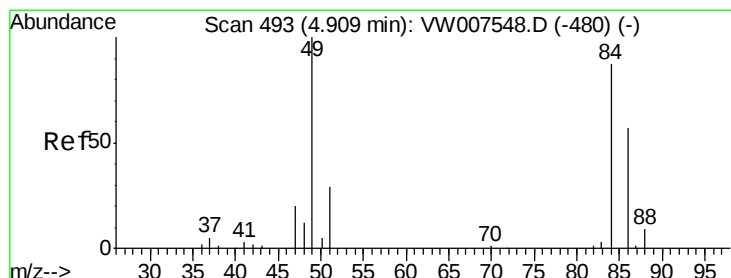
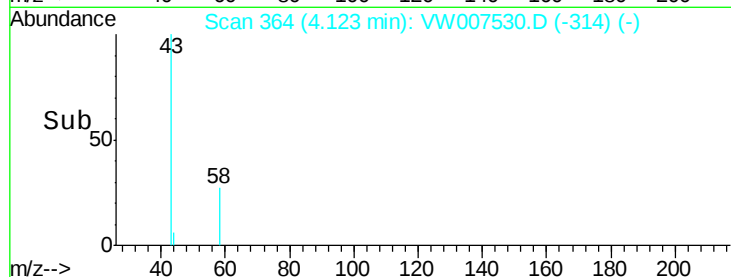
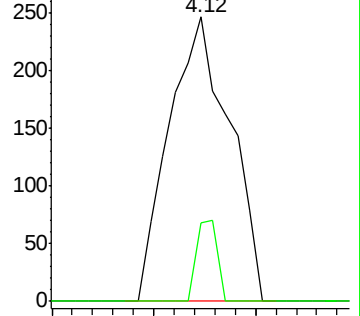
43 100

58 27.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 23.490 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007530.D

Acq: 14 Dec 2018 12:58

Tgt Ion: 84 Resp: 18520

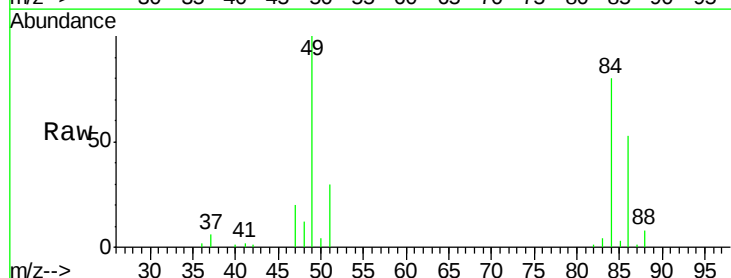
Ion Ratio Lower Upper

84 100

49 124.9 87.1 130.7

51 37.0 28.2 42.2

86 66.6 50.8 76.2

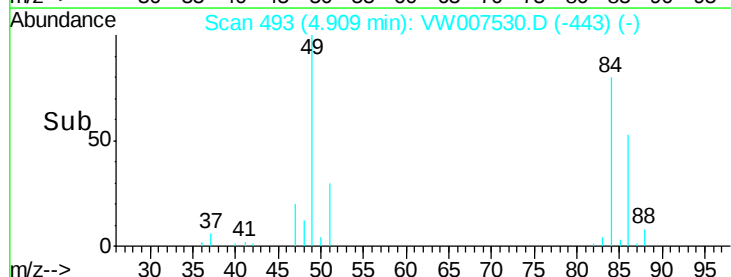
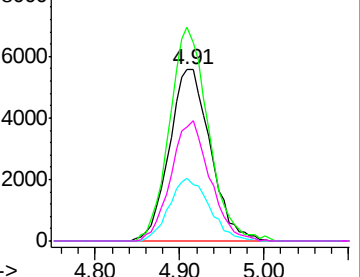


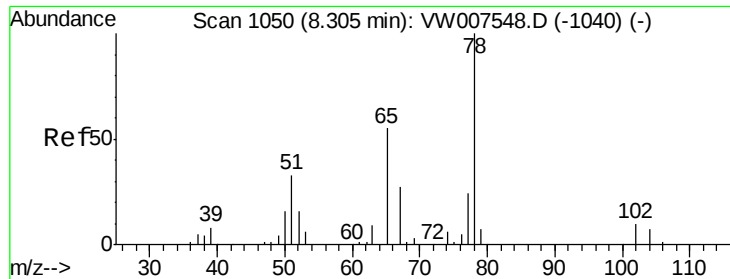
Abundance Ion 83.90 (83.60 to 84.60): VW

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

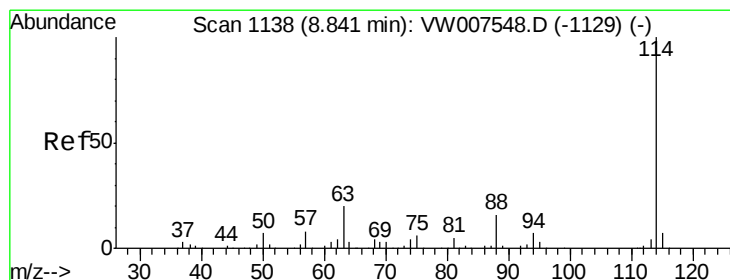
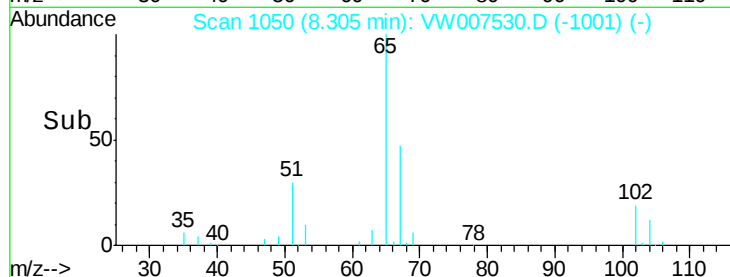
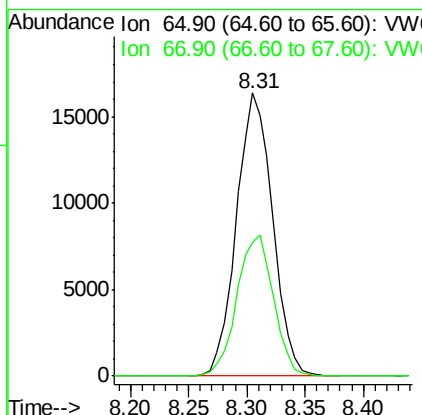
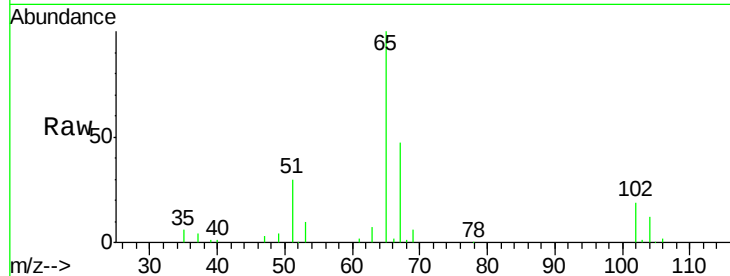




#33
 1,2-Dichloroethane-d4
 Concen: 46.729 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007530.D
 Acq: 14 Dec 2018 12:58

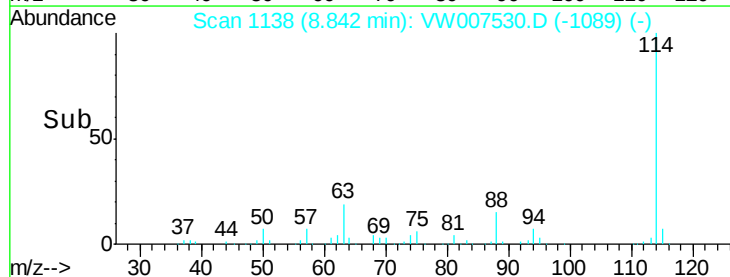
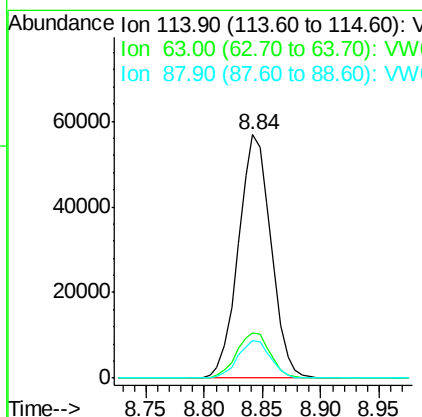
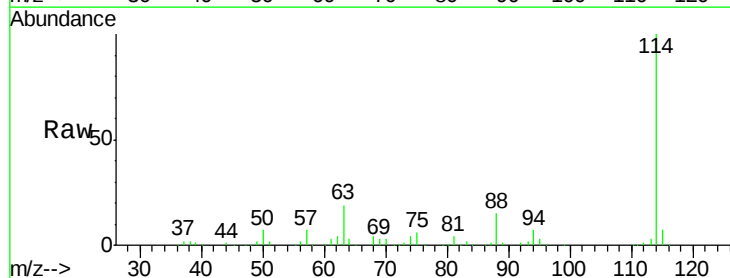
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-5-120718

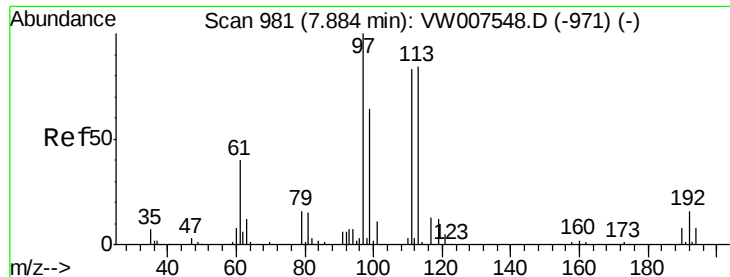
Tgt Ion: 65 Resp: 35436
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007530.D
 Acq: 14 Dec 2018 12:58

Tgt Ion: 114 Resp: 111137
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.6
 88 15.4 0.0 31.4

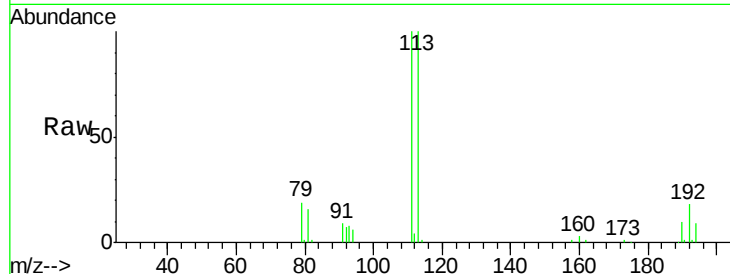




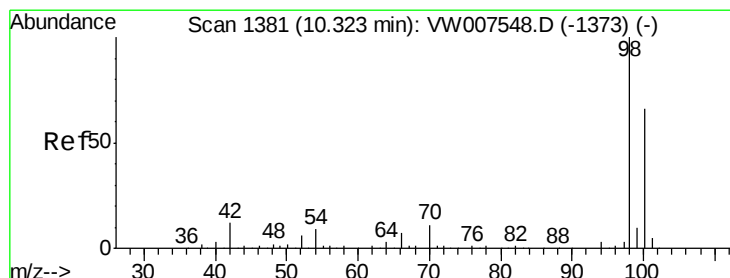
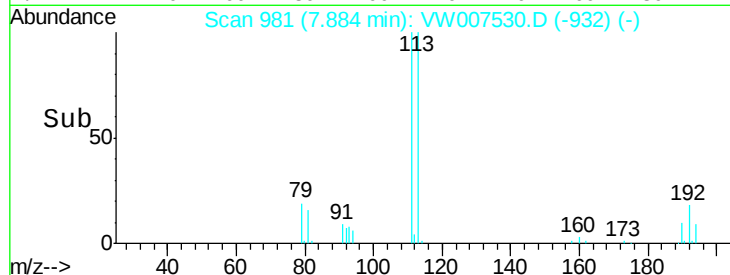
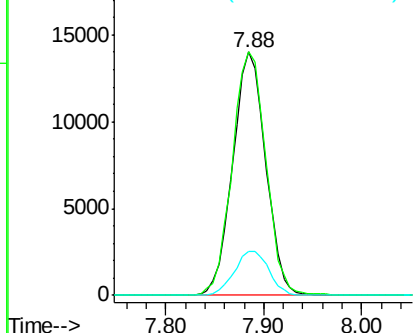
#35
 Dibromofluoromethane
 Concen: 48.683 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007530.D
 Acq: 14 Dec 2018 12:58

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-5-120718

Tgt Ion: 113 Resp: 32752
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.1 121.7
 192 18.9 14.6 21.8

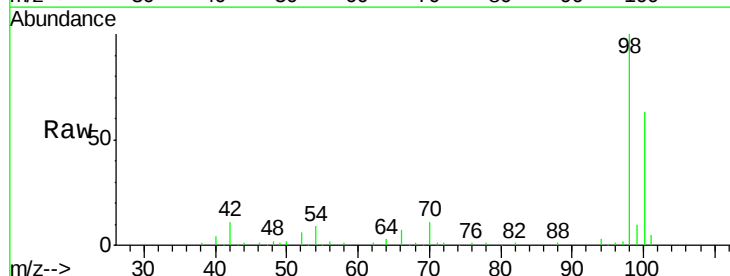


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

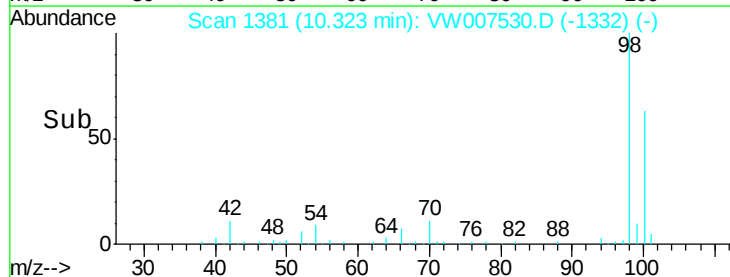
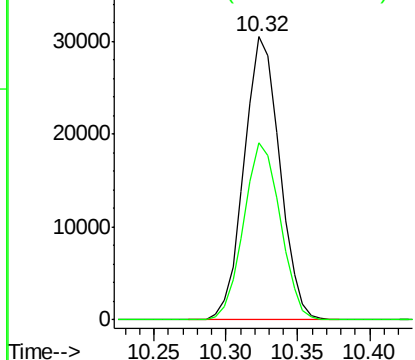


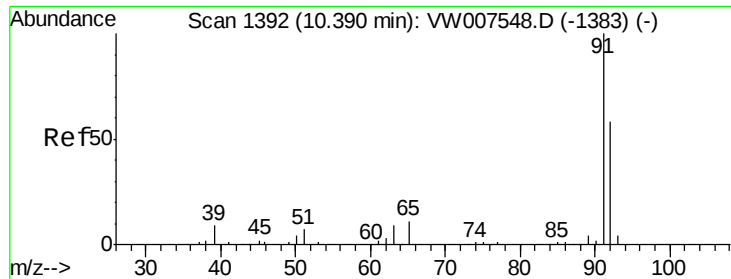
#50
 Toluene-d8
 Concen: 20.677 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007530.D
 Acq: 14 Dec 2018 12:58

Tgt Ion: 98 Resp: 52156
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.8 77.8



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





#52

Toluene

Concen: 1.784 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007530.D

Acq: 14 Dec 2018 12:58

Instrument :

MSVOA_W

ClientSampleId :

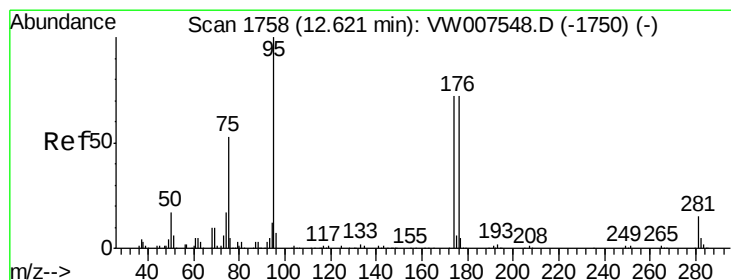
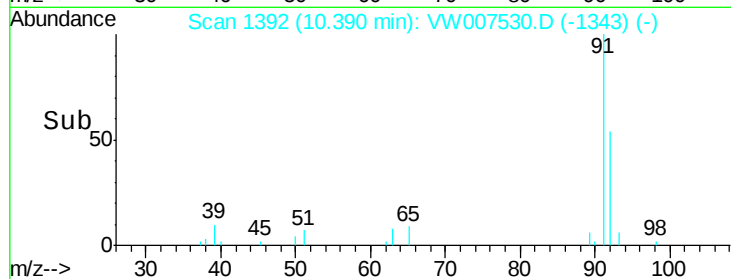
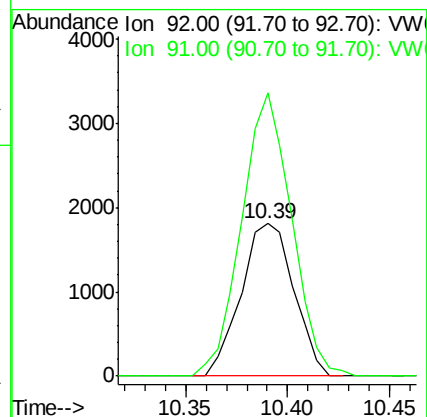
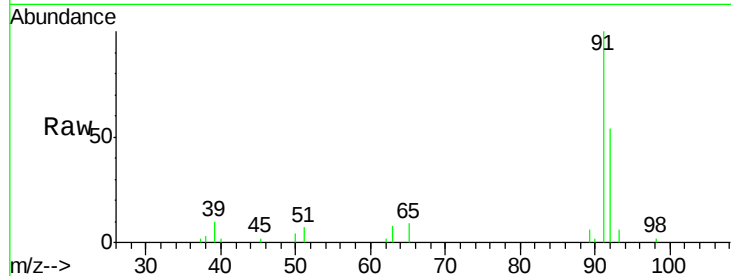
SUP-2A-G-5-120718

Tgt Ion: 92 Resp: 3249

Ion Ratio Lower Upper

92 100

91 175.4 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 40.993 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007530.D

Acq: 14 Dec 2018 12:58

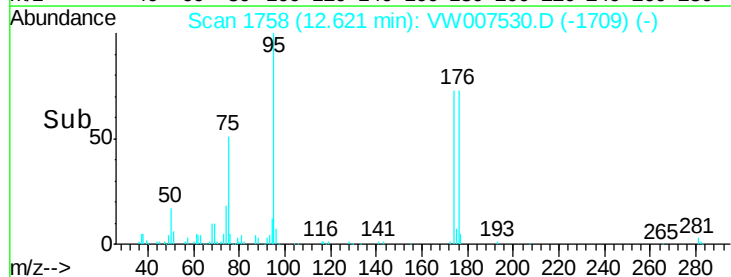
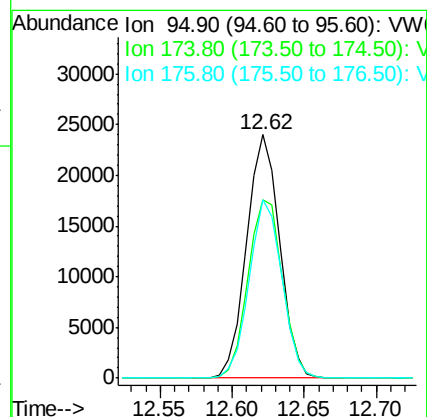
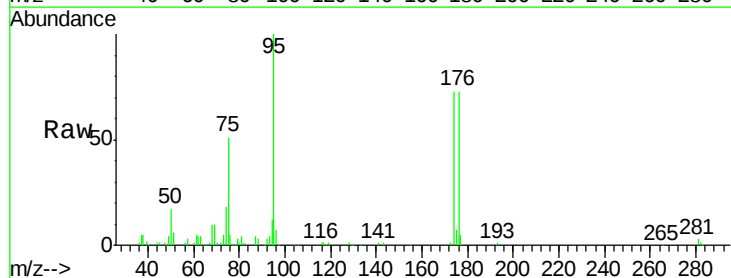
Tgt Ion: 95 Resp: 38019

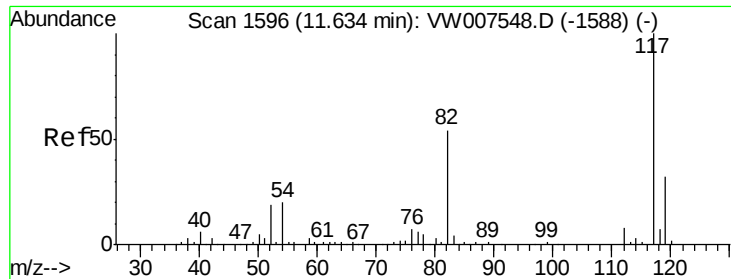
Ion Ratio Lower Upper

95 100

174 76.4 0.0 147.2

176 72.3 0.0 138.8

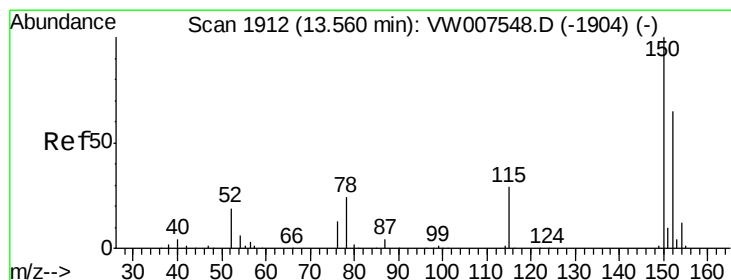
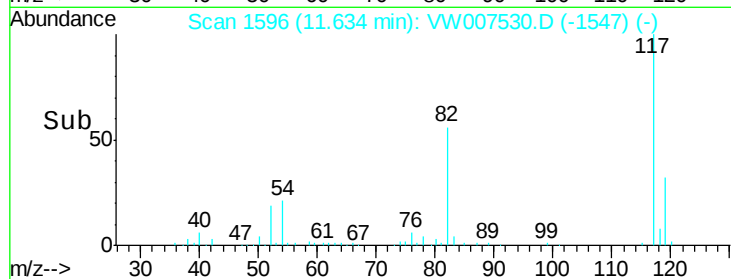
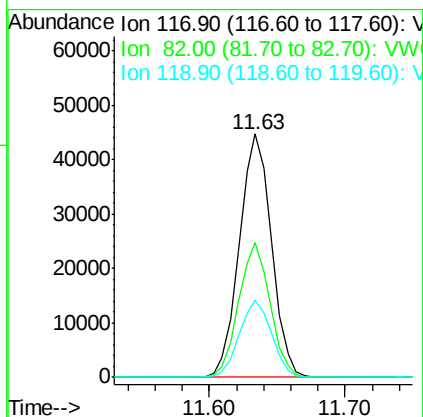
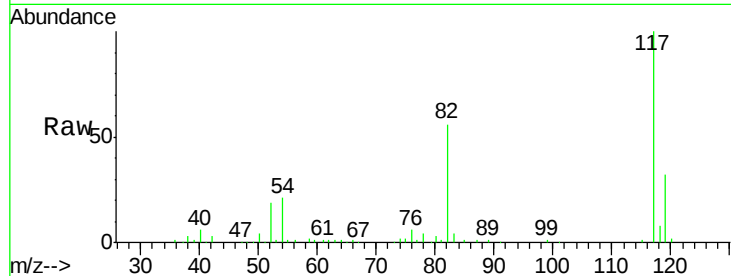




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007530.D
Acq: 14 Dec 2018 12:58

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-5-120718

Tgt Ion:117 Resp: 73767
Ion Ratio Lower Upper
117 100
82 55.5 42.3 63.5
119 31.9 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007530.D
Acq: 14 Dec 2018 12:58

Tgt Ion:152 Resp: 40344
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.2
150 161.9 0.0 358.4

