

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007528.D
 Acq On : 14 Dec 2018 12:07
 Operator : SY/AP
 Sample : J6322-11
 Misc : 8.26G/5ML/MSVOA_W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-3--120718

Quant Time: Dec 14 14:03:37 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

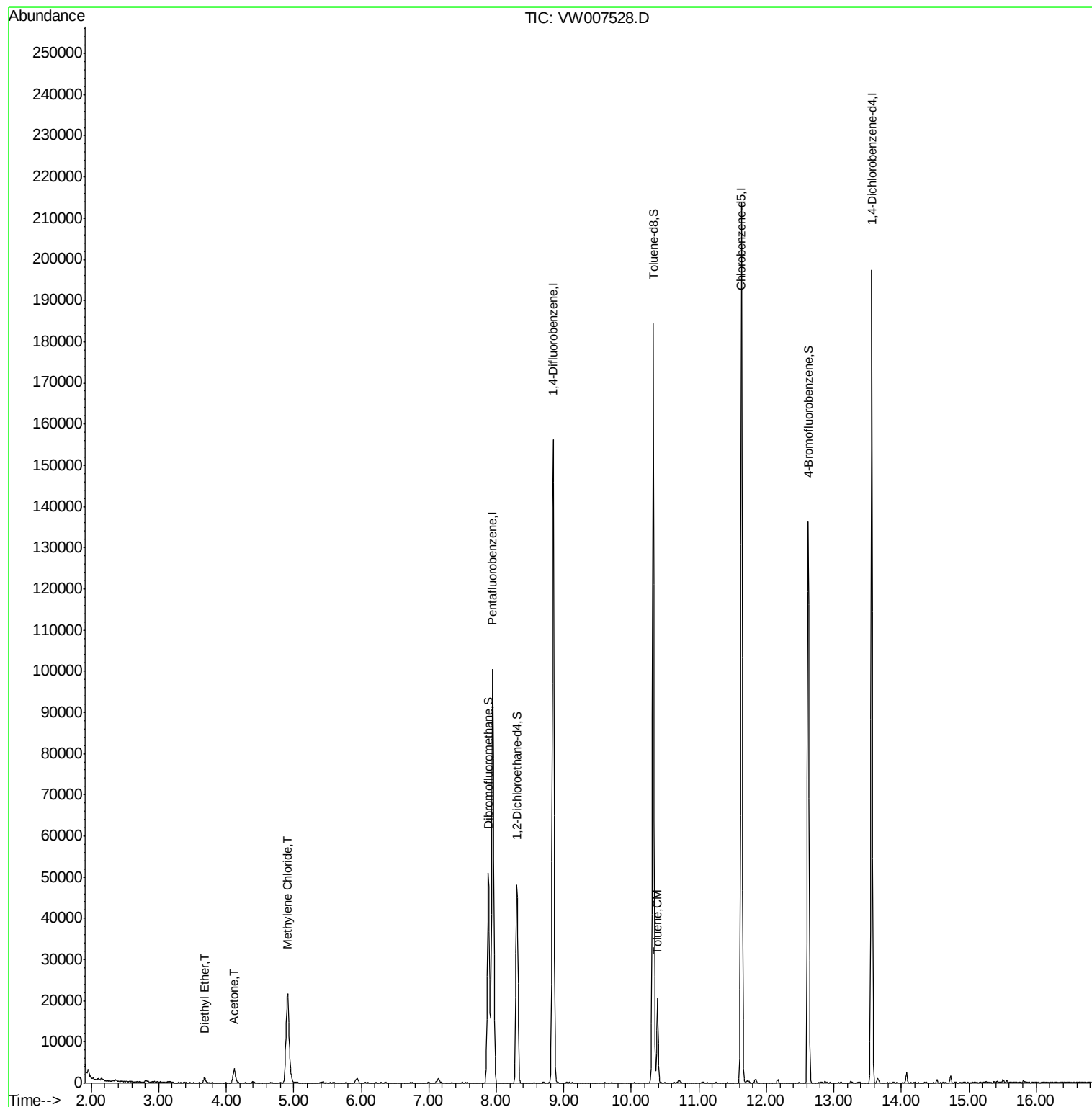
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	133955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	39837	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
35) Dibromofluoromethane	7.88	113	36650	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
50) Toluene-d8	10.32	98	122996	40.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.90%	
62) 4-Bromofluorobenzene	12.62	95	46248	41.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.74%	
Target Compounds						
8) Diethyl Ether	3.68	74	700	1.955	ug/l	88
16) Acetone	4.12	43	5963	41.528	ug/l #	87
20) Methylene Chloride	4.91	84	18323	21.068	ug/l	98
52) Toluene	10.39	92	8470	3.859	ug/l	95

(#) = 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# 992

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

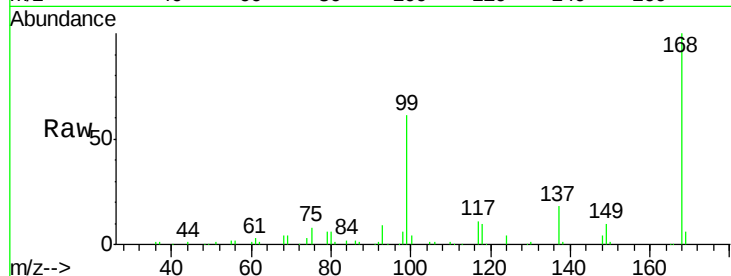
SUP-2A-G-3--120718

Tgt Ion: 168 Resp: 74098

Ion Ratio Lower Upper

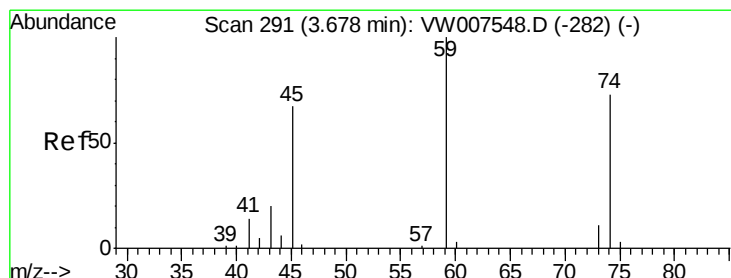
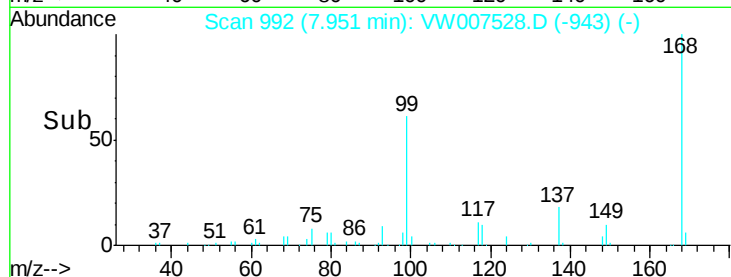
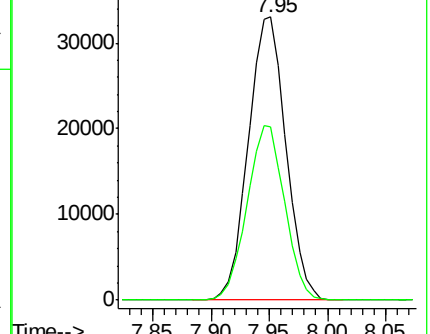
168 100

99 61.3 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: 1.955 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW007528.D

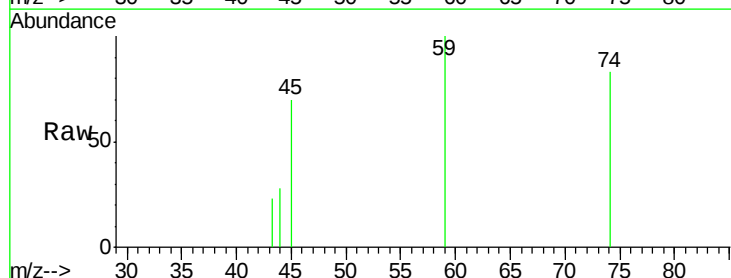
Acq: 14 Dec 2018 12:07

Tgt Ion: 74 Resp: 700

Ion Ratio Lower Upper

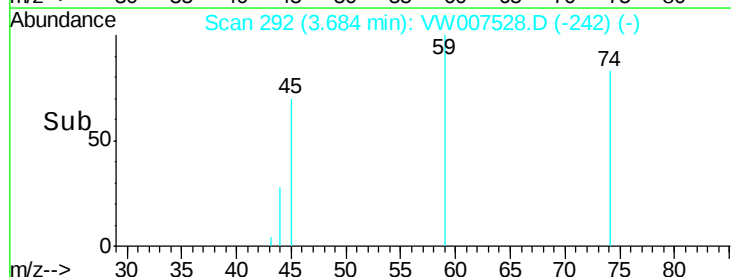
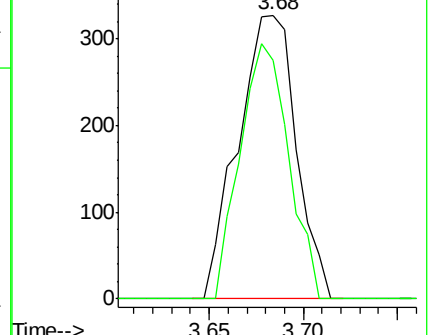
74 100

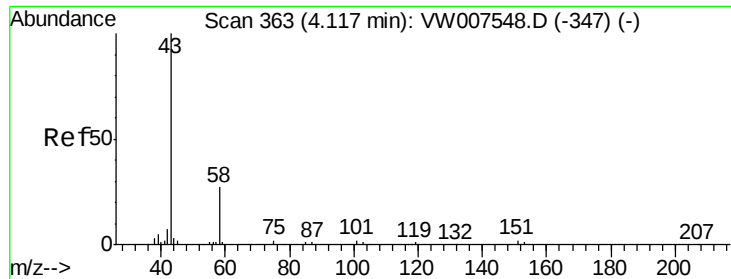
45 75.1 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 41.528 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007528.D

Acq: 14 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

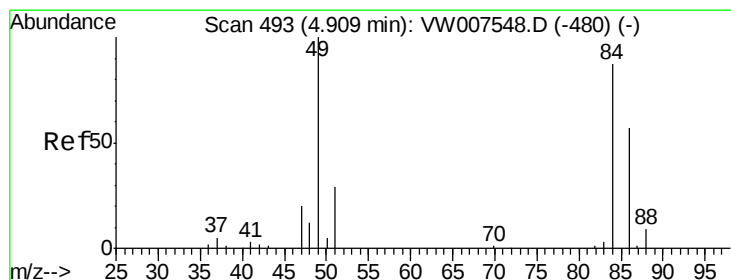
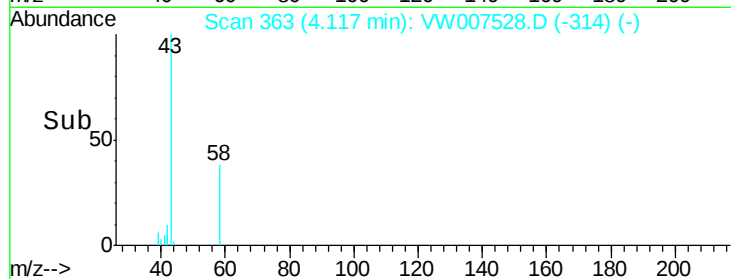
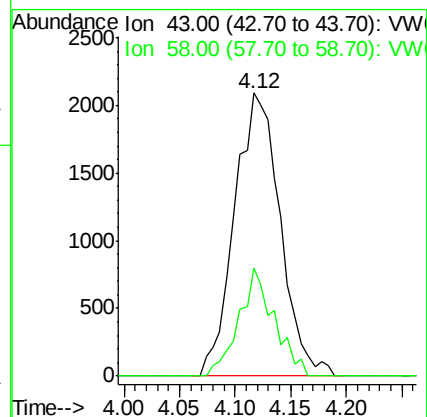
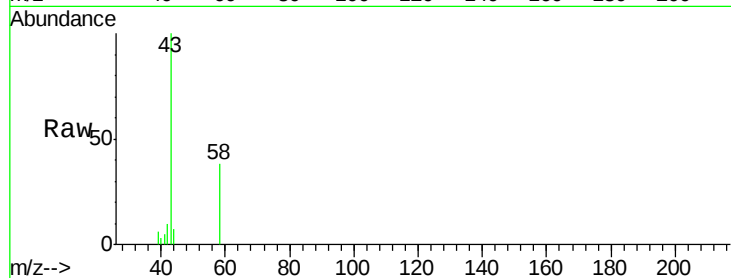
SUP-2A-G-3--120718

Tgt Ion: 43 Resp: 5963

Ion Ratio Lower Upper

43 100

58 38.4 24.9 37.3#



#20

Methylene Chloride

Concen: 21.068 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007528.D

Acq: 14 Dec 2018 12:07

Tgt Ion: 84 Resp: 18323

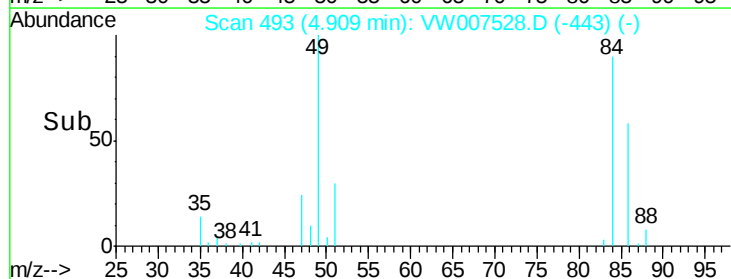
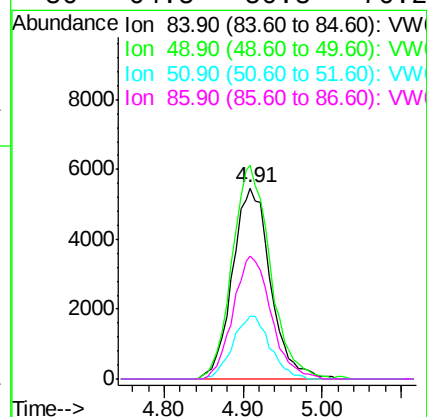
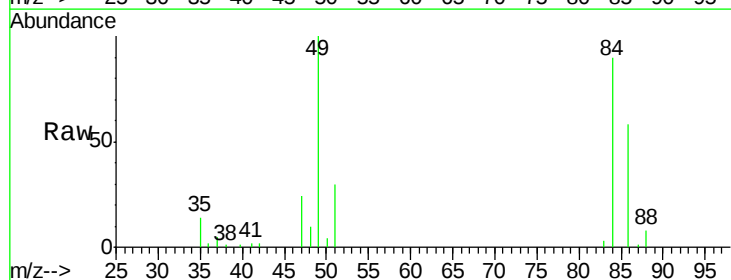
Ion Ratio Lower Upper

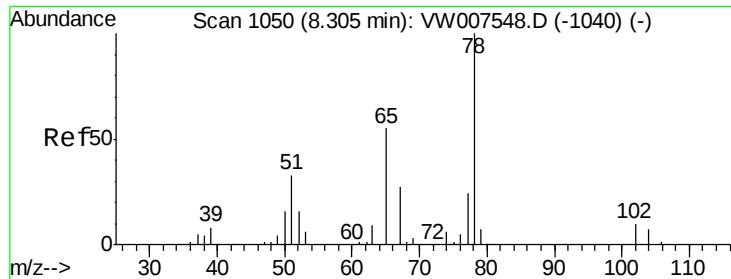
84 100

49 111.6 87.1 130.7

51 33.1 28.2 42.2

86 64.5 50.8 76.2

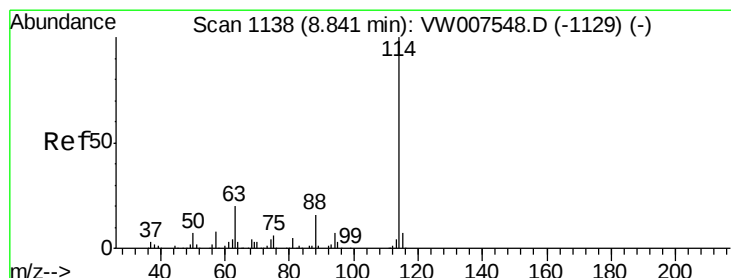
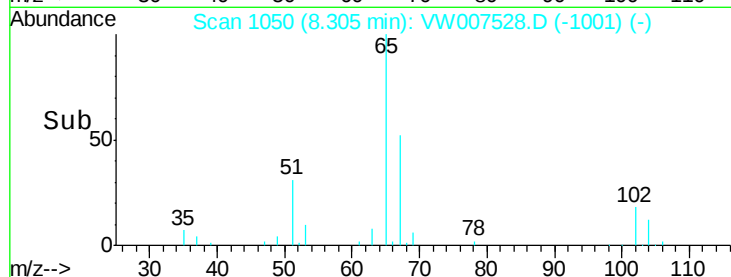
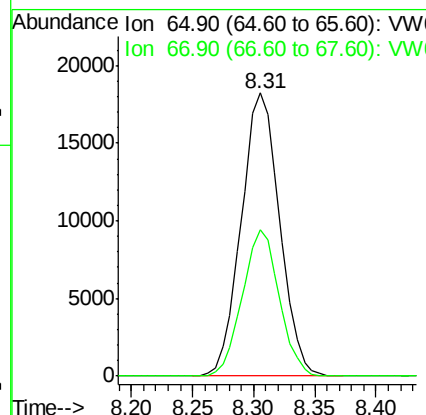
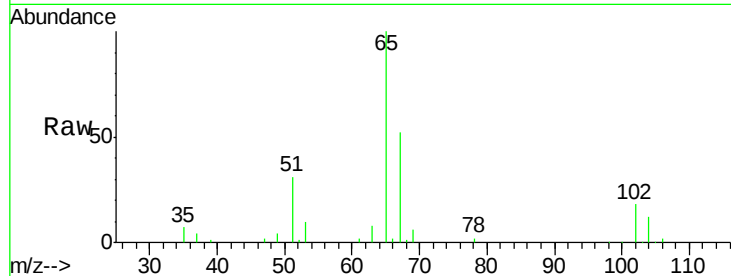




#33
 1,2-Dichloroethane-d4
 Concen: 48.460 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007528.D
 Acq: 14 Dec 2018 12:07

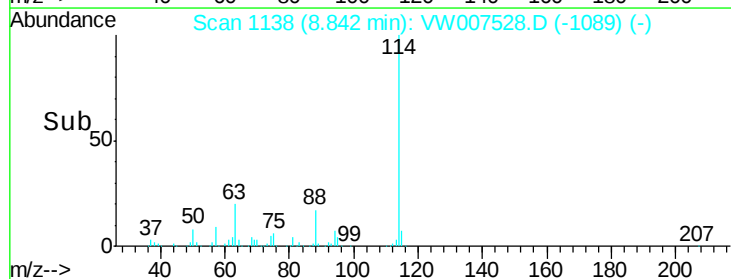
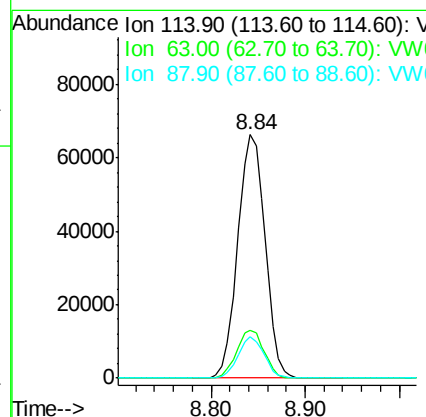
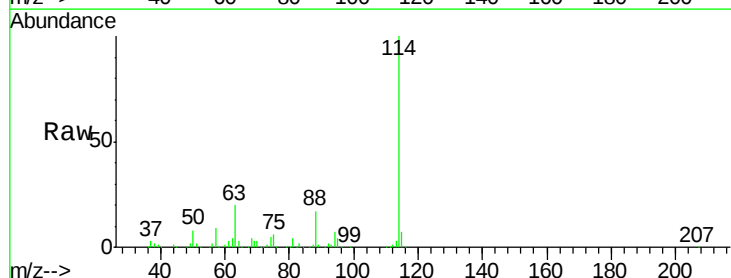
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-3--120718

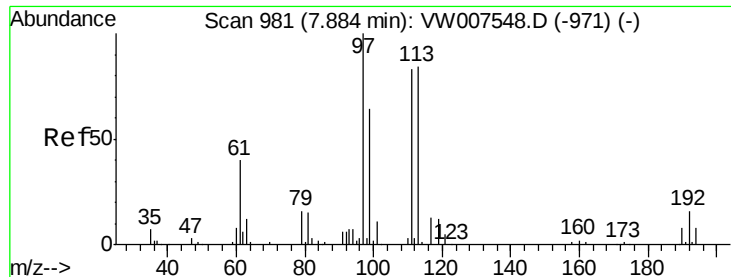
Tgt Ion: 65 Resp: 39837
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007528.D
 Acq: 14 Dec 2018 12:07

Tgt Ion: 114 Resp: 133955
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 16.8 0.0 31.4

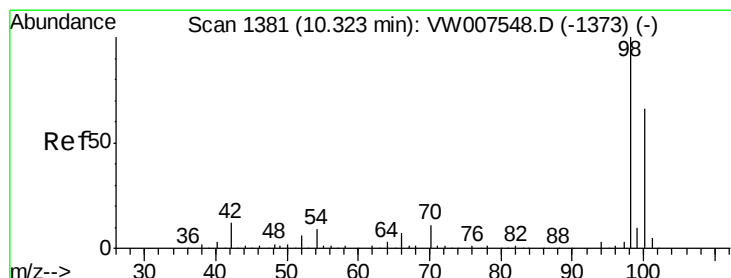
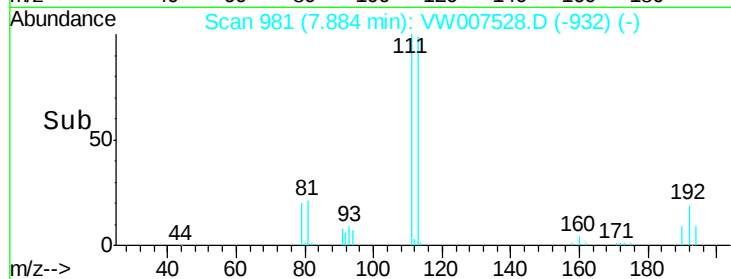
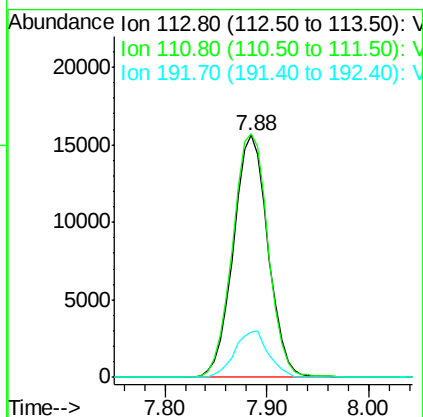
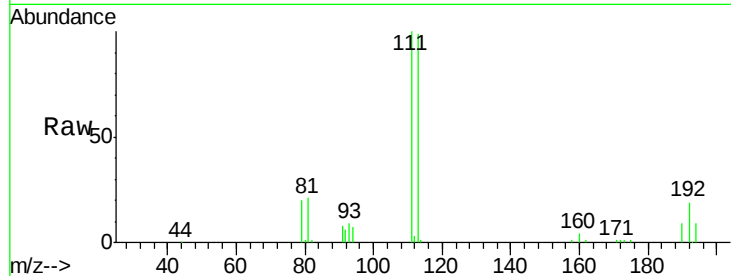




#35
 Dibromofluoromethane
 Concen: 45.198 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007528.D
 Acq: 14 Dec 2018 12:07

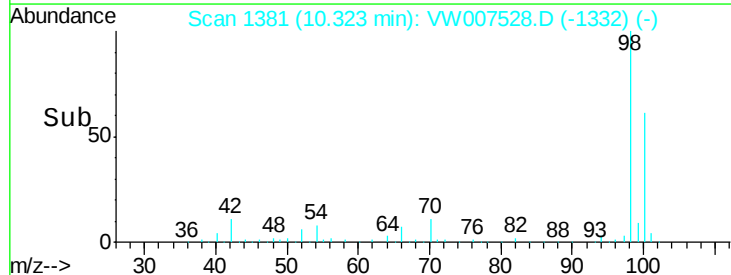
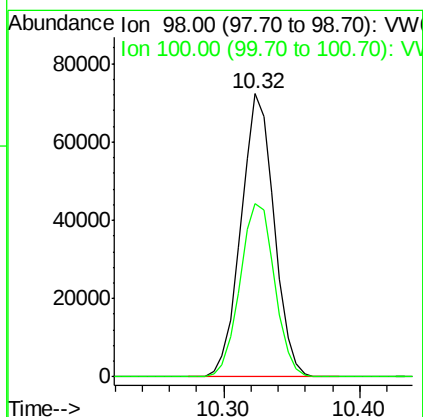
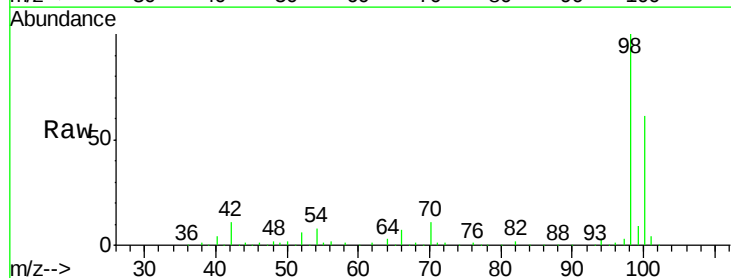
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-3--120718

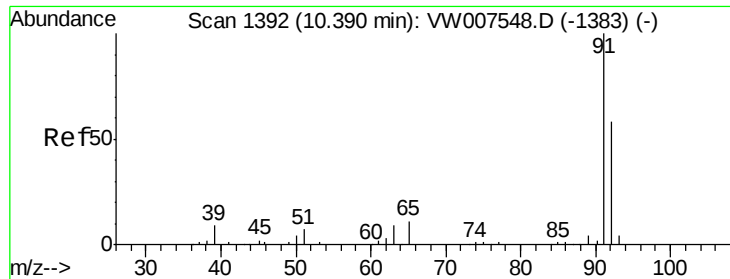
Tgt Ion: 113 Resp: 36650
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.1 121.7
 192 18.7 14.6 21.8



#50
 Toluene-d8
 Concen: 40.454 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007528.D
 Acq: 14 Dec 2018 12:07

Tgt Ion: 98 Resp: 122996
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.8 77.8





#52

Toluene

Concen: 3.859 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007528.D

Acq: 14 Dec 2018 12:07

Instrument :

MSVOA_W

ClientSampleId :

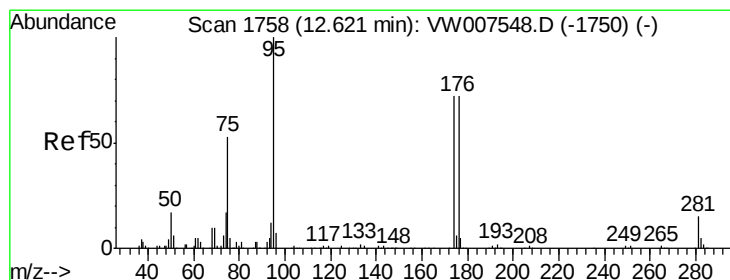
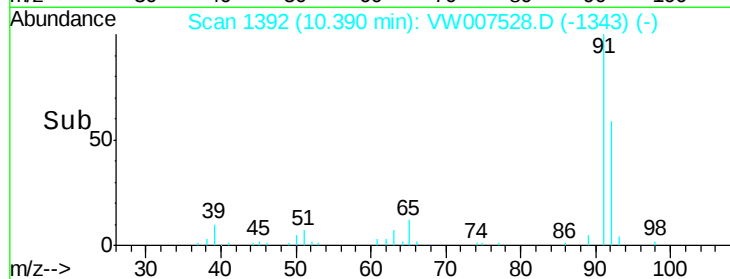
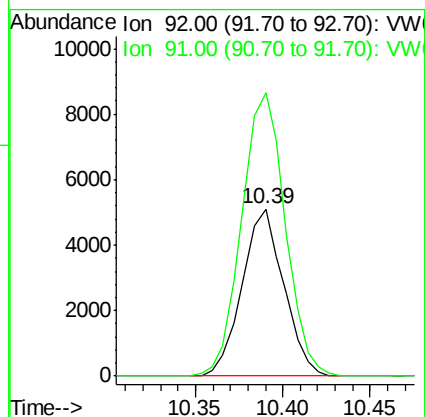
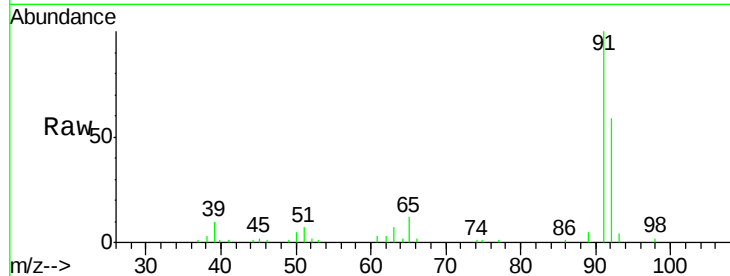
SUP-2A-G-3--120718

Tgt Ion: 92 Resp: 8470

Ion Ratio Lower Upper

92 100

91 176.8 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 41.372 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007528.D

Acq: 14 Dec 2018 12:07

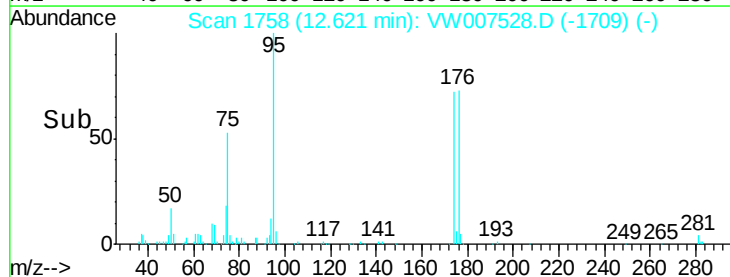
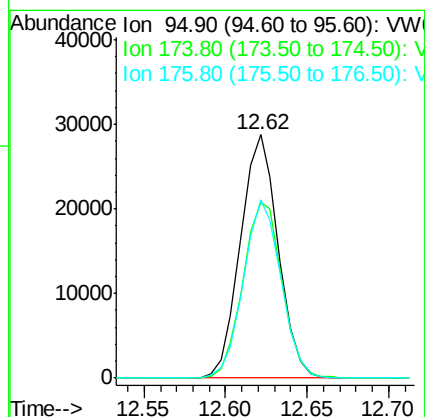
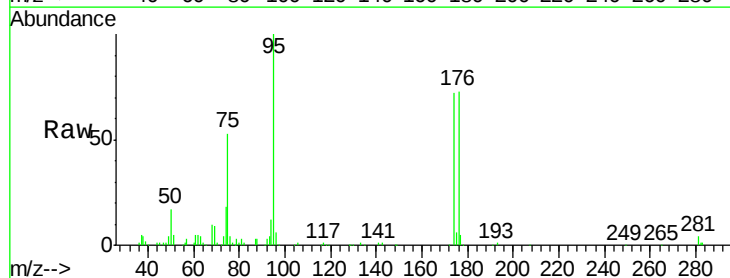
Tgt Ion: 95 Resp: 46248

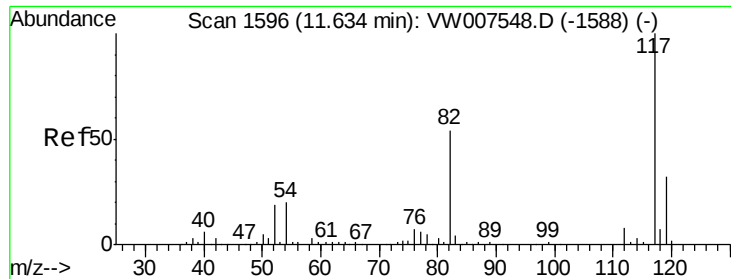
Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.2

176 73.0 0.0 138.8

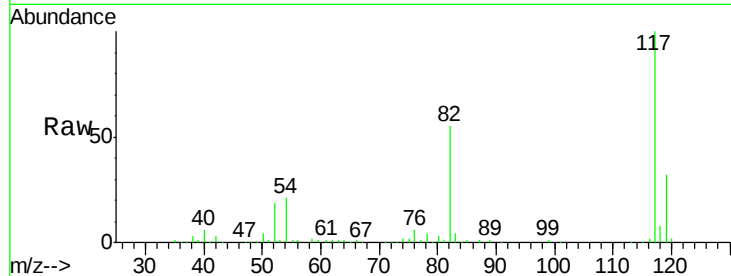




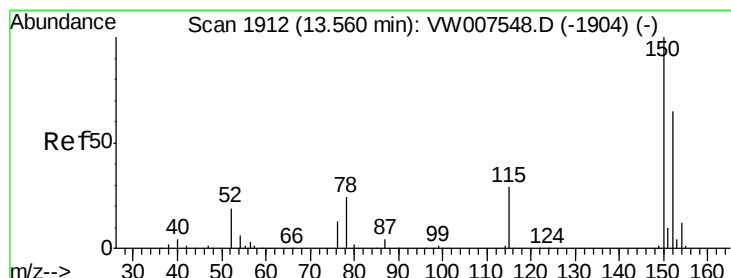
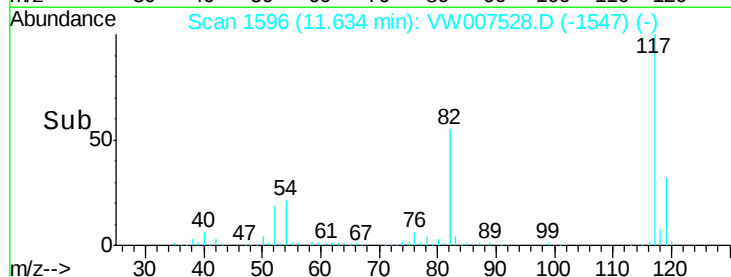
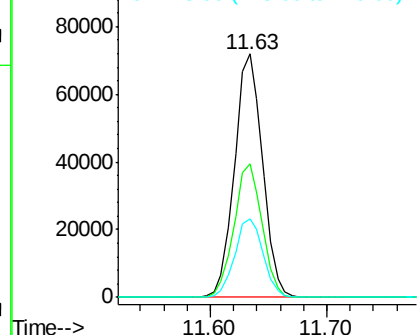
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: VW007528.D
 Acq: 14 Dec 2018 12:07

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-3--120718

Tgt Ion:117 Resp: 120263
 Ion Ratio Lower Upper
 117 100
 82 54.9 42.3 63.5
 119 32.4 23.0 34.6

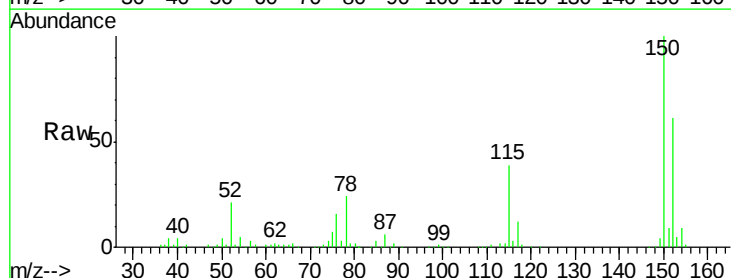


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007528.D
 Acq: 14 Dec 2018 12:07

Tgt Ion:152 Resp: 51062
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.4 94.2
 150 156.5 0.0 358.4



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

