

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007527.D
 Acq On : 14 Dec 2018 11:41
 Operator : SY/AP
 Sample : J6322-10
 Misc : 7.73G/5ML/MSVOA_W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

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

Quant Time: Dec 14 14:01:38 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

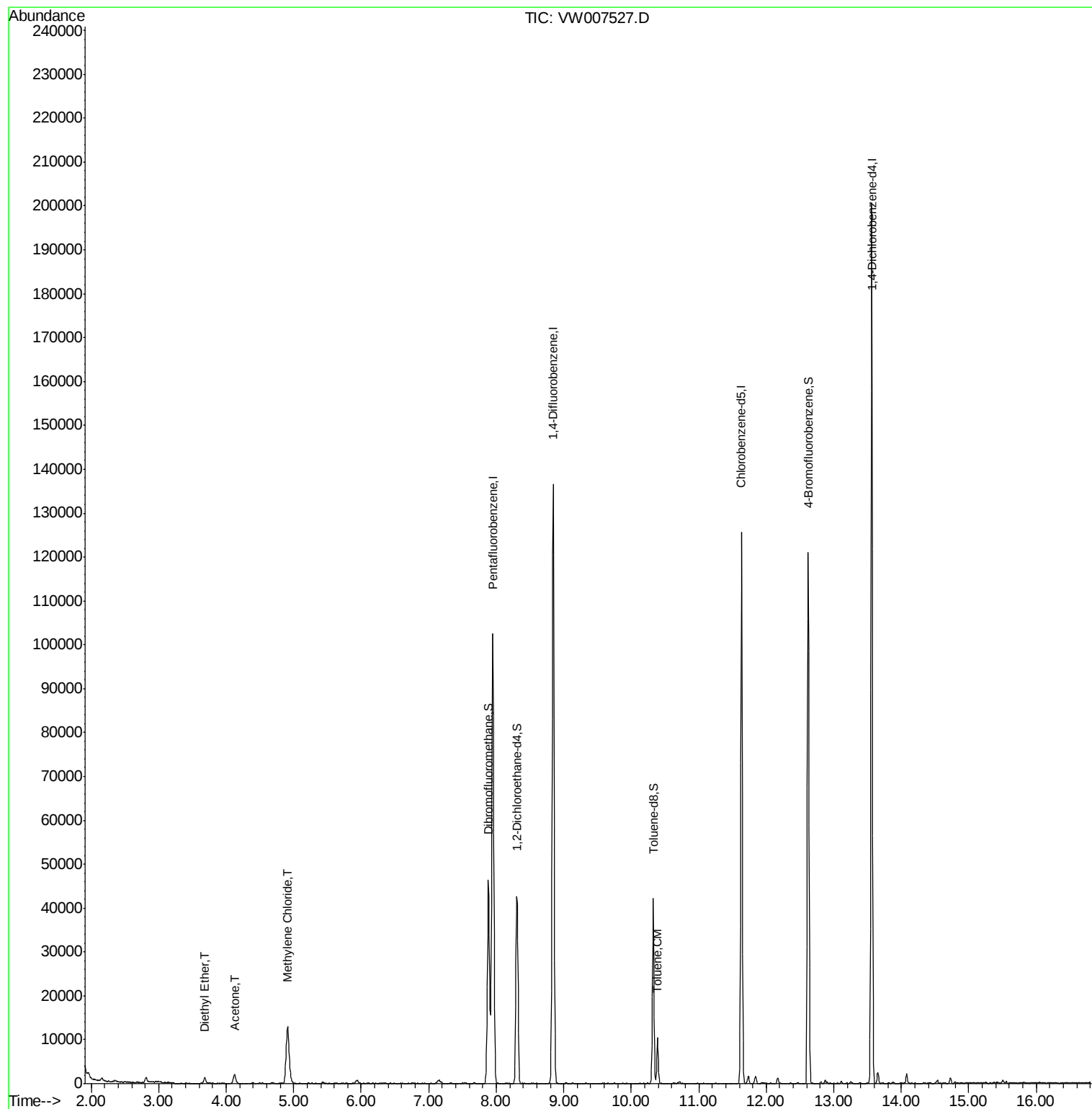
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	70559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35844	42.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.46%	
35) Dibromofluoromethane	7.88	113	33126	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
50) Toluene-d8	10.32	98	27789	10.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.46%	
62) 4-Bromofluorobenzene	12.62	95	40331	40.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.78%	
Target Compounds						
8) Diethyl Ether	3.68	74	761	2.083	ug/l	88
16) Acetone	4.13	43	3607	24.617	ug/l	94
20) Methylene Chloride	4.91	84	10706	10.246	ug/l	94
52) Toluene	10.39	92	4295	2.191	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# 992

Delta R.T. 0.00 min

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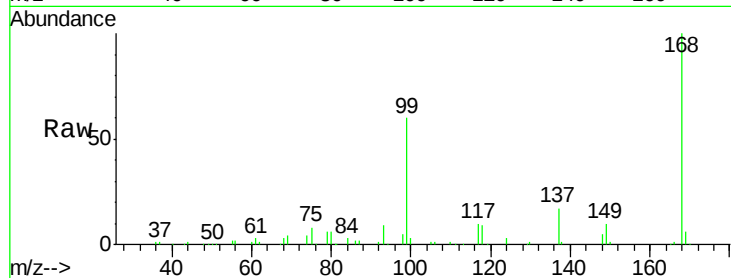
SUP-2A-G-2-120718

Tgt Ion: 168 Resp: 75612

Ion Ratio Lower Upper

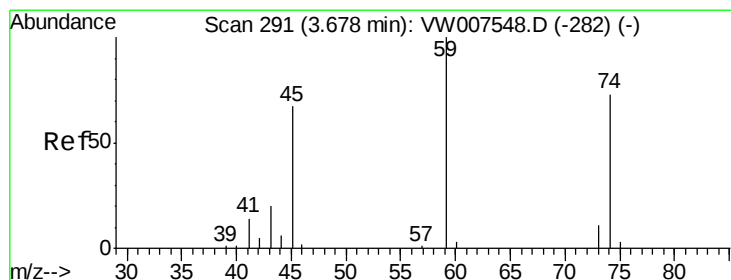
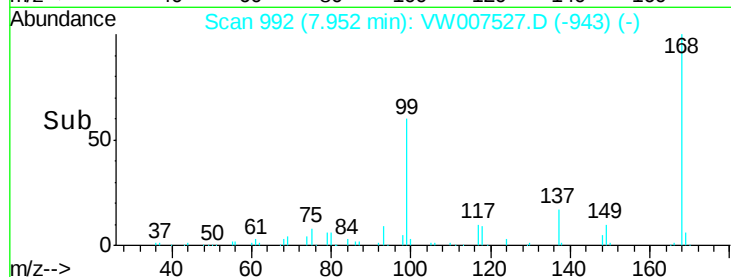
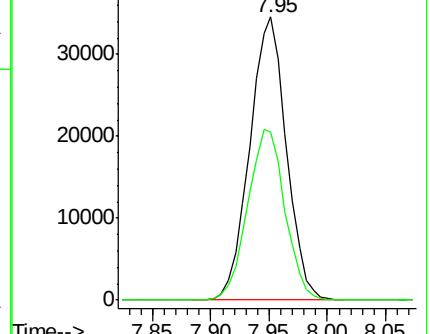
168 100

99 59.5 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: 2.083 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW007527.D

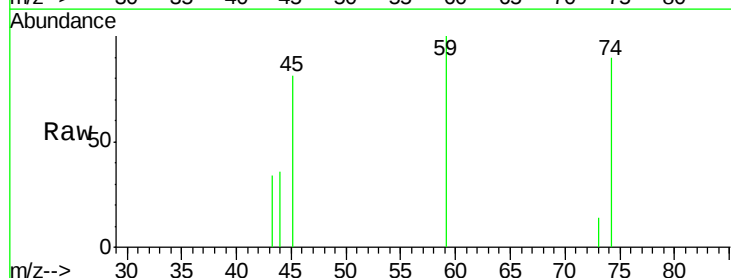
Acq: 14 Dec 2018 11:41

Tgt Ion: 74 Resp: 761

Ion Ratio Lower Upper

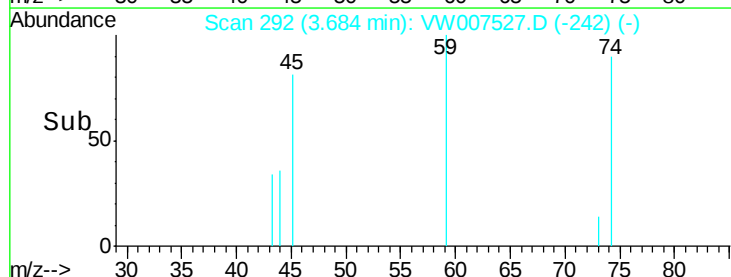
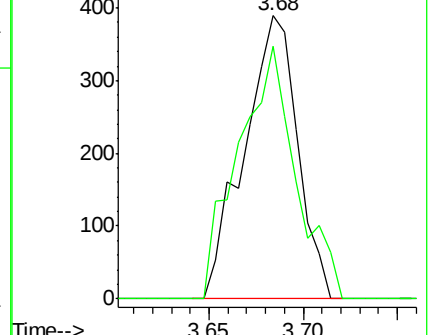
74 100

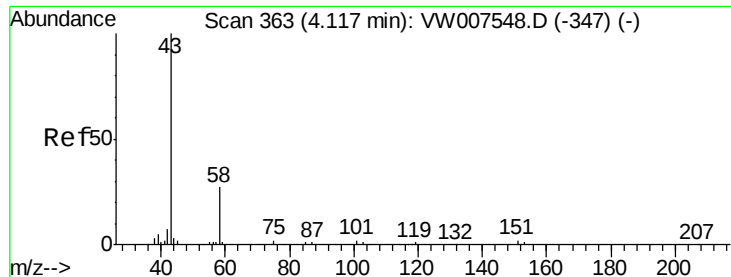
45 96.7 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 24.617 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

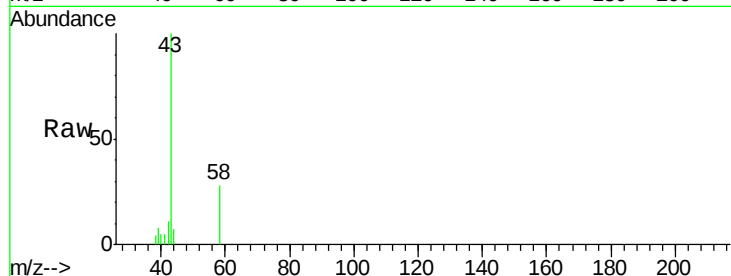
SUP-2A-G-2-120718

Tgt Ion: 43 Resp: 3607

Ion Ratio Lower Upper

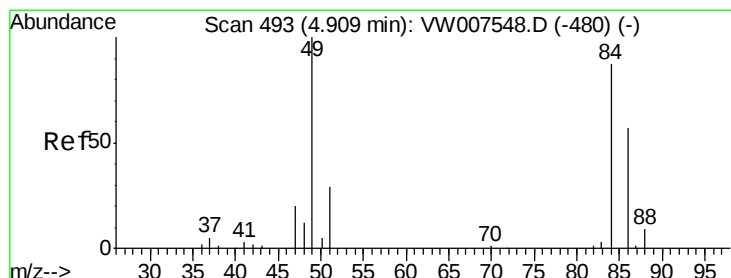
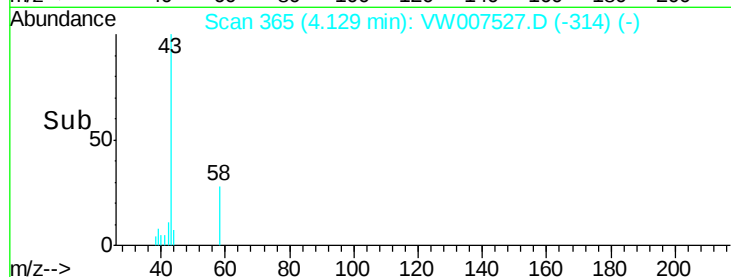
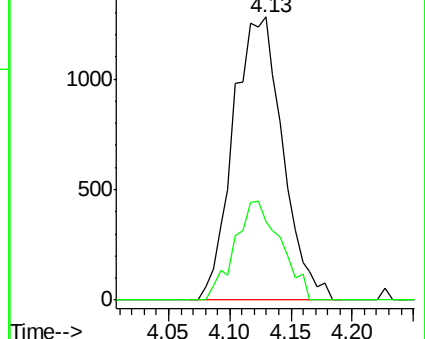
43 100

58 28.0 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: 10.246 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

Tgt Ion: 84 Resp: 10706

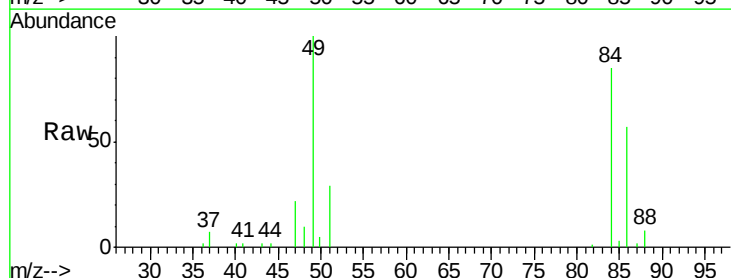
Ion Ratio Lower Upper

84 100

49 117.9 87.1 130.7

51 34.4 28.2 42.2

86 67.2 50.8 76.2

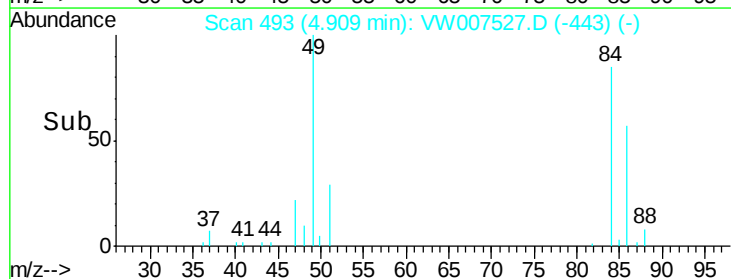
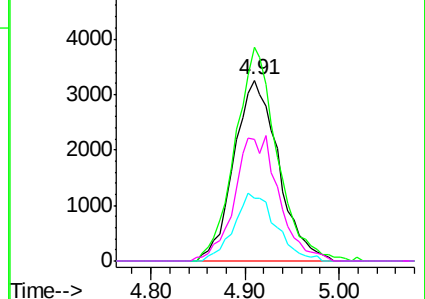


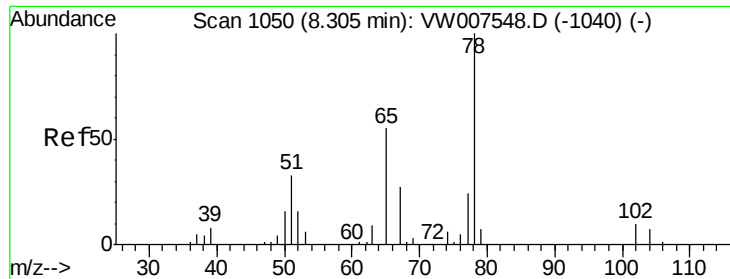
Abundance Ion 83.90 (83.60 to 84.60): VW

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

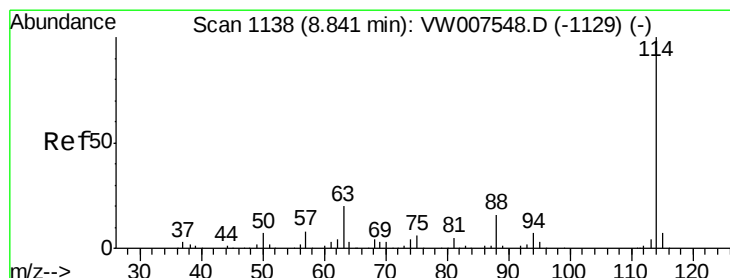
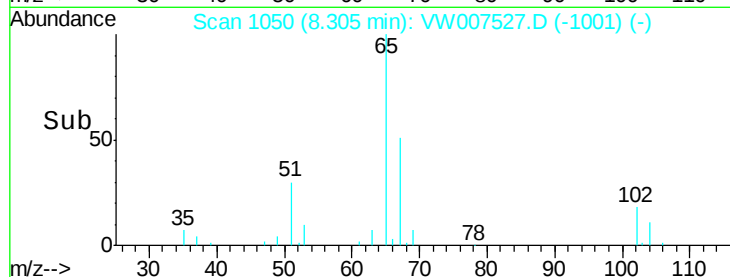
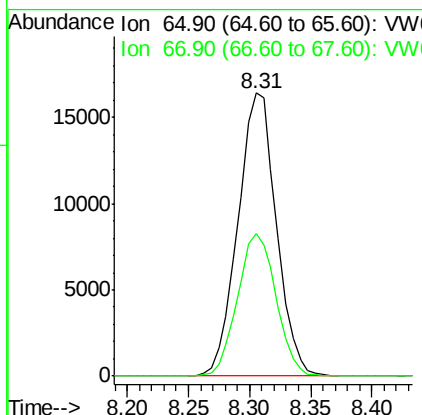
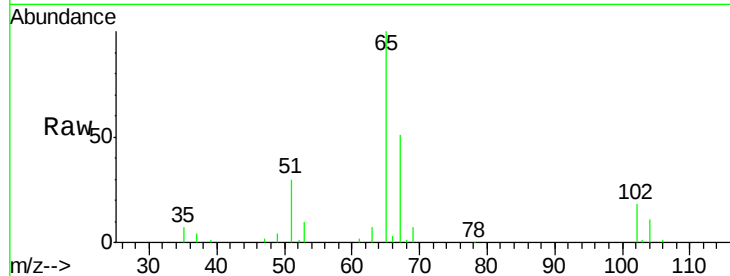




#33
 1,2-Dichloroethane-d4
 Concen: 42.730 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007527.D
 Acq: 14 Dec 2018 11:41

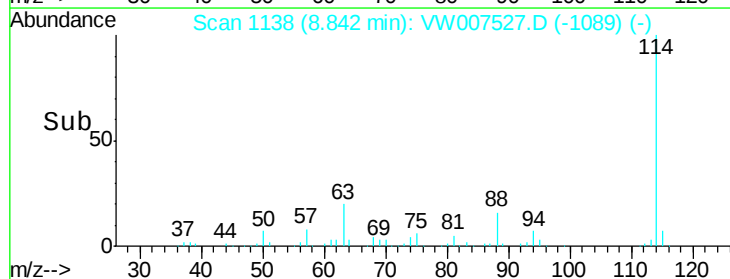
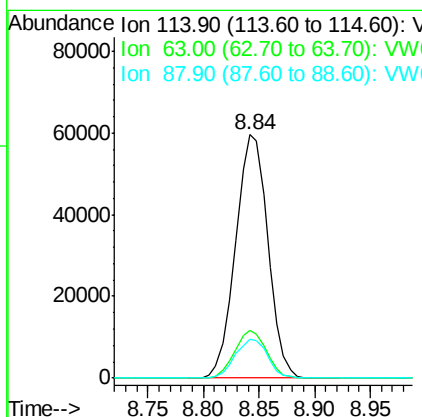
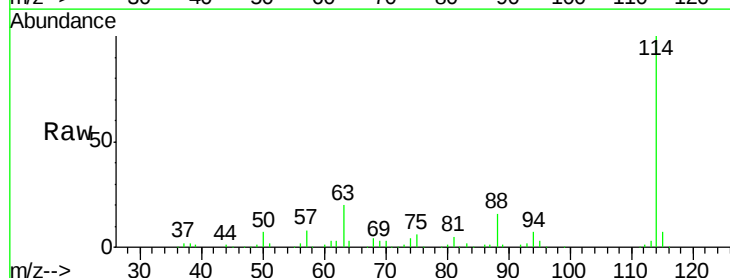
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-2-120718

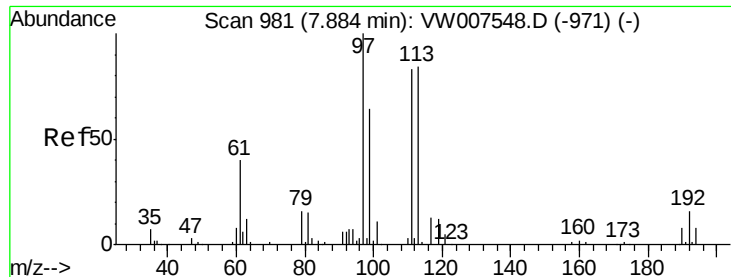
Tgt Ion: 65 Resp: 35844
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007527.D
 Acq: 14 Dec 2018 11:41

Tgt Ion: 114 Resp: 119660
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.8 0.0 31.4

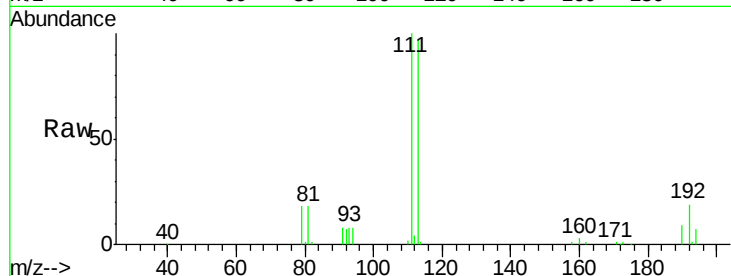




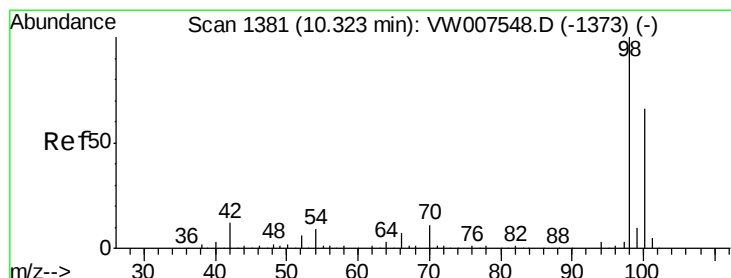
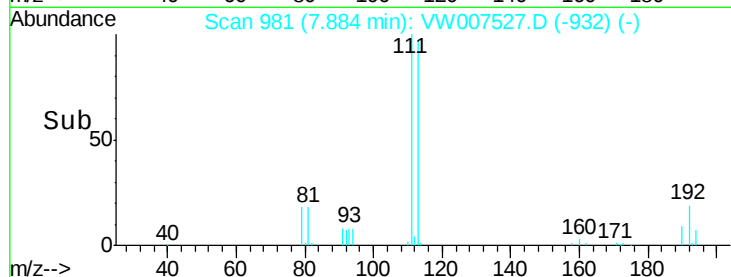
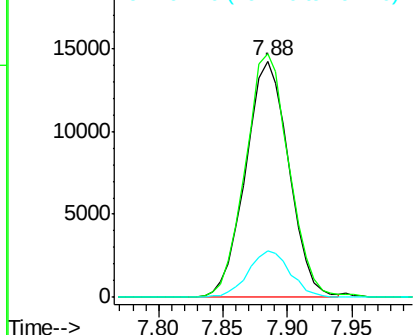
#35
 Dibromofluoromethane
 Concen: 45.732 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007527.D
 Acq: 14 Dec 2018 11:41

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

Tgt Ion: 113 Resp: 33126
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.1 121.7
 192 19.0 14.6 21.8

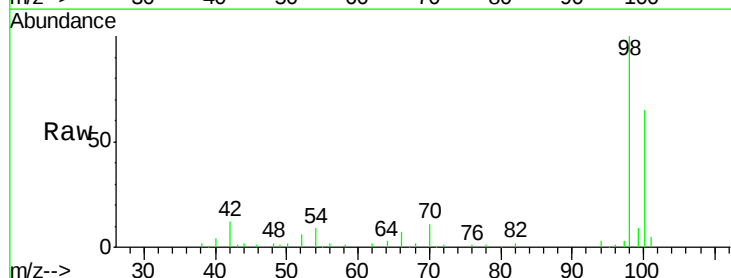


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

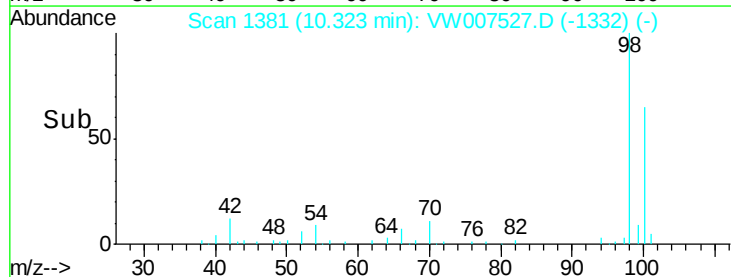
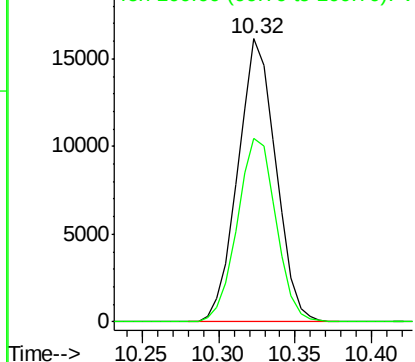


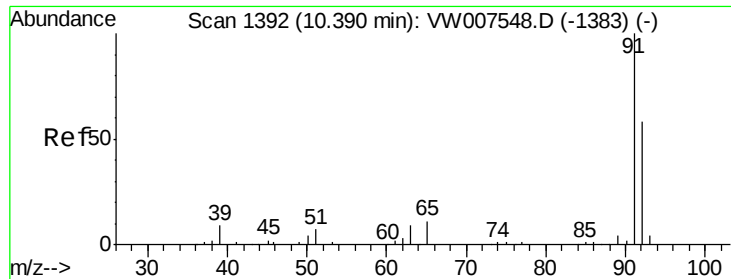
#50
 Toluene-d8
 Concen: 10.232 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW007527.D
 Acq: 14 Dec 2018 11:41

Tgt Ion: 98 Resp: 27789
 Ion Ratio Lower Upper
 98 100
 100 66.1 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: 2.191 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

Instrument :

MSVOA_W

ClientSampleId :

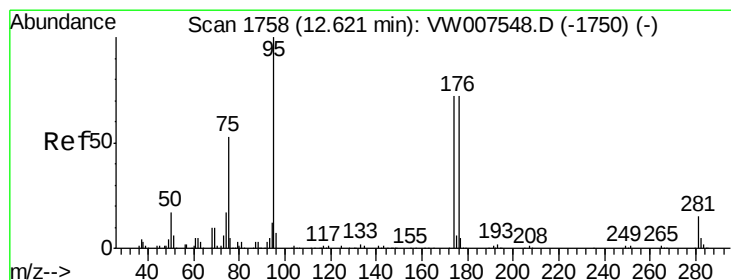
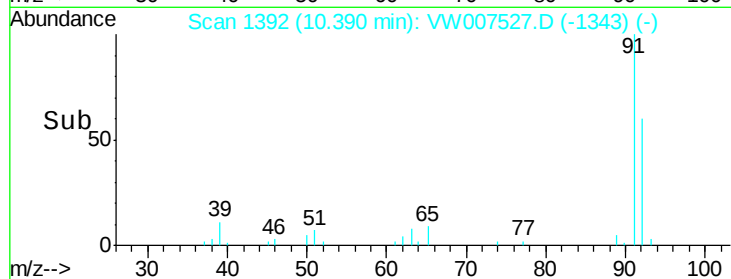
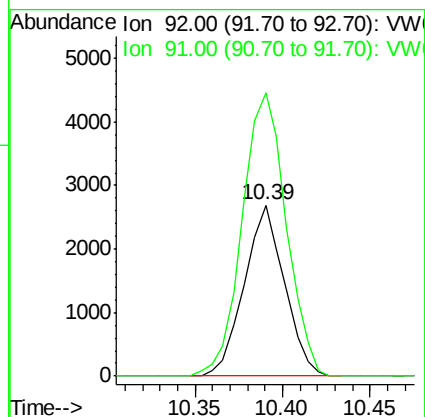
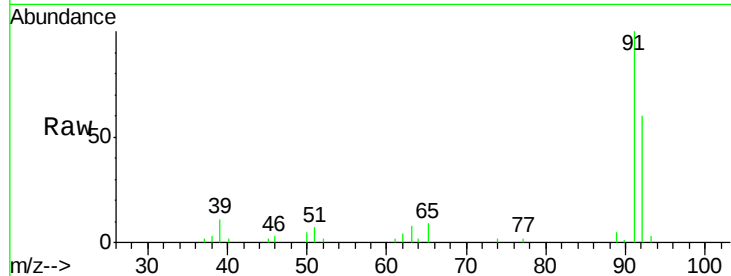
SUP-2A-G-2-120718

Tgt Ion: 92 Resp: 4295

Ion Ratio Lower Upper

92 100

91 181.0 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 40.389 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007527.D

Acq: 14 Dec 2018 11:41

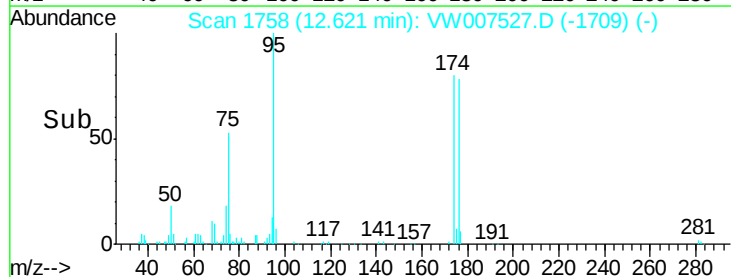
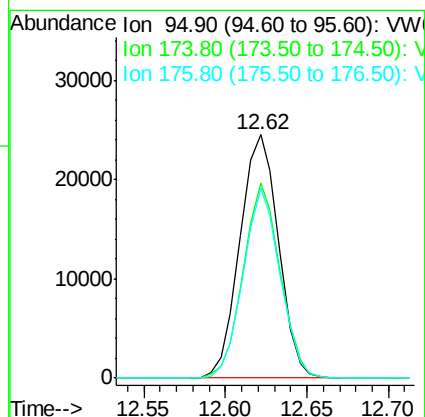
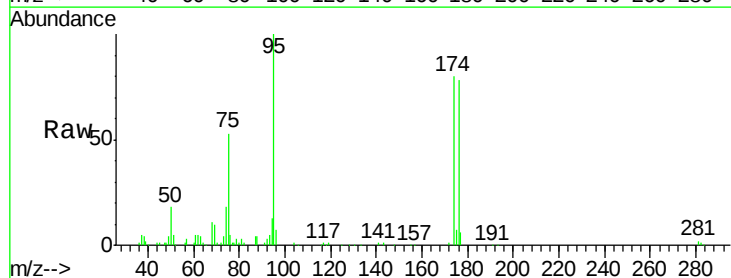
Tgt Ion: 95 Resp: 40331

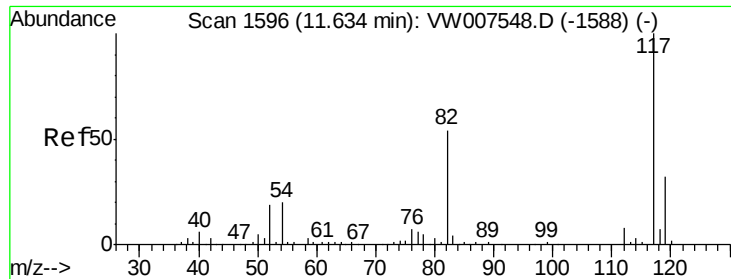
Ion Ratio Lower Upper

95 100

174 76.9 0.0 147.2

176 74.8 0.0 138.8

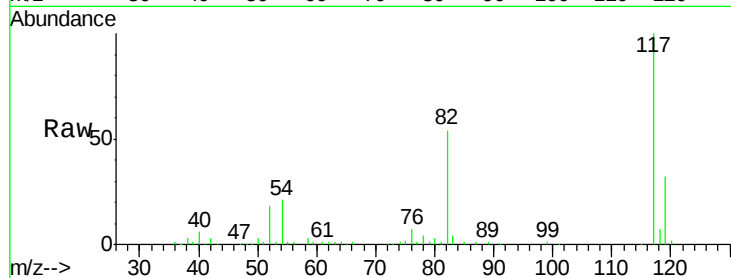




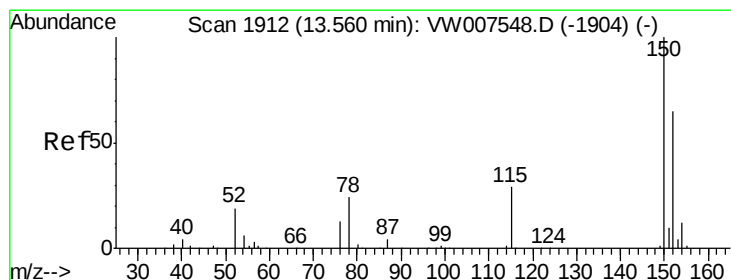
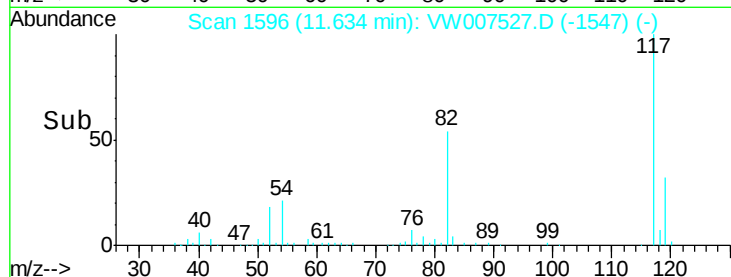
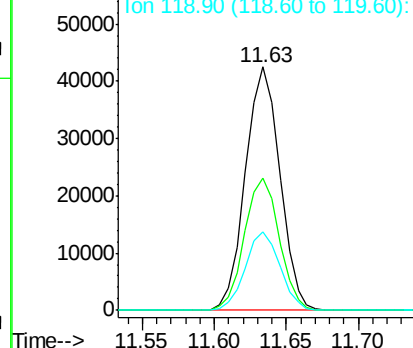
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007527.D
Acq: 14 Dec 2018 11:41

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

Tgt Ion:117 Resp: 70559
Ion Ratio Lower Upper
117 100
82 54.4 42.3 63.5
119 32.4 23.0 34.6

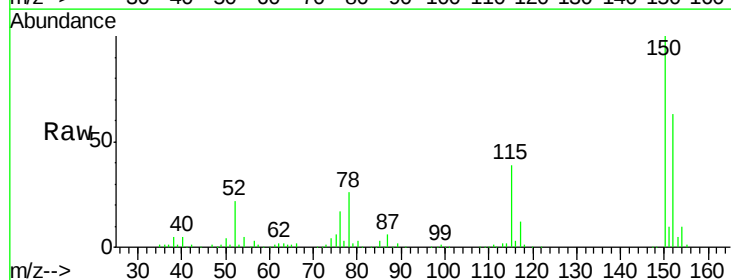


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007527.D
Acq: 14 Dec 2018 11:41

Tgt Ion:152 Resp: 52330
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 156.3 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

