

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007531.D
 Acq On : 14 Dec 2018 13:24
 Operator : SY/AP
 Sample : J6322-14
 Misc : 7.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-6-120718

Quant Time: Dec 14 14:16:20 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

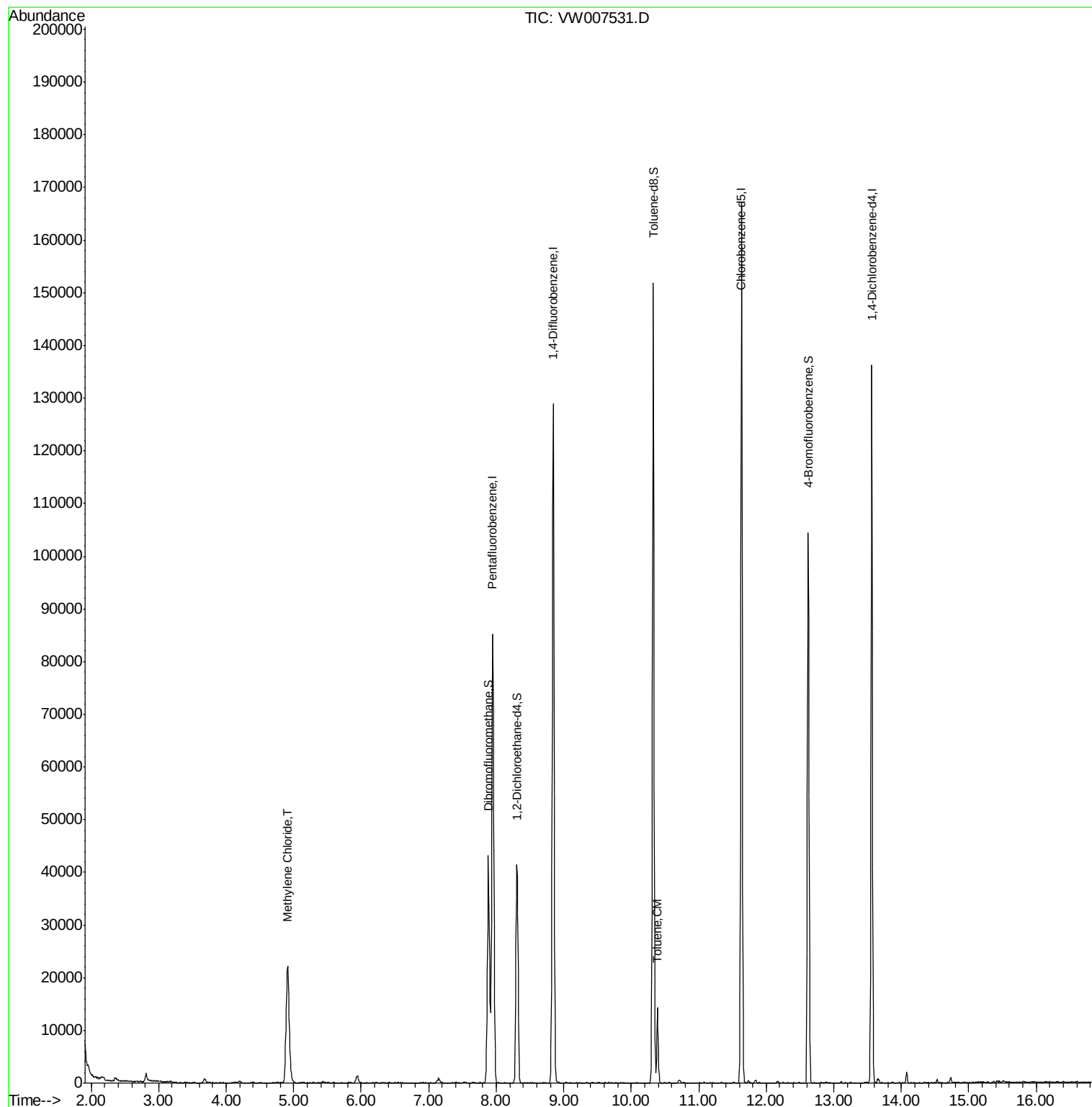
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	62865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	91760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	34838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	34490	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	7.88	113	31439	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
50) Toluene-d8	10.32	98	101692	40.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.90%	
62) 4-Bromofluorobenzene	12.62	95	35402	38.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.60%	
Target Compounds						
20) Methylene Chloride	4.92	84	18610	26.059	ug/l	97
52) Toluene	10.39	92	5770	3.180	ug/l	99

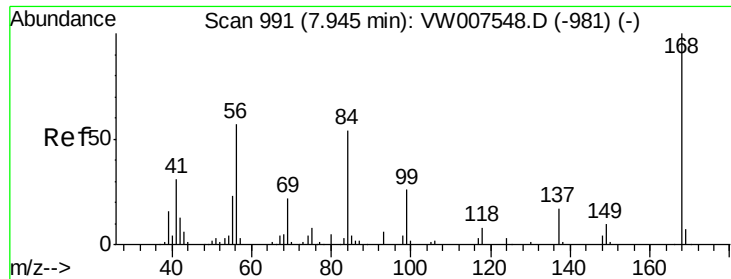
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007531.D

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MSVOA_W

ClientSampleId :

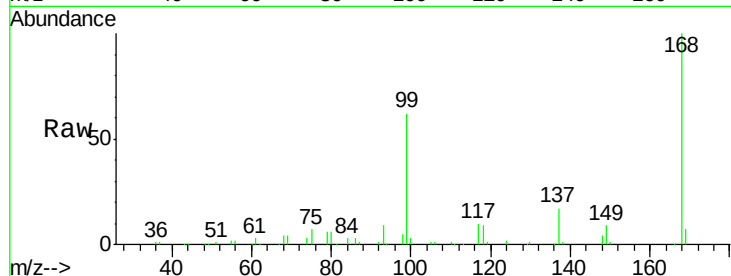
SUP-2A-G-6-120718

Tgt Ion: 168 Resp: 62865

Ion Ratio Lower Upper

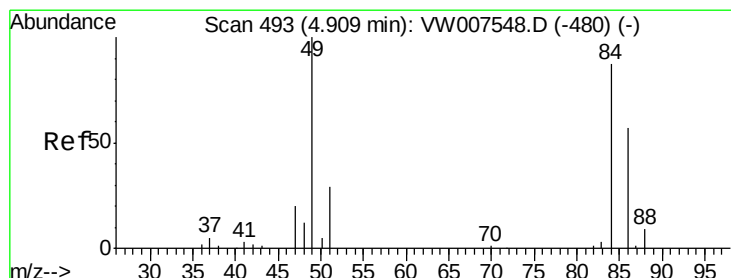
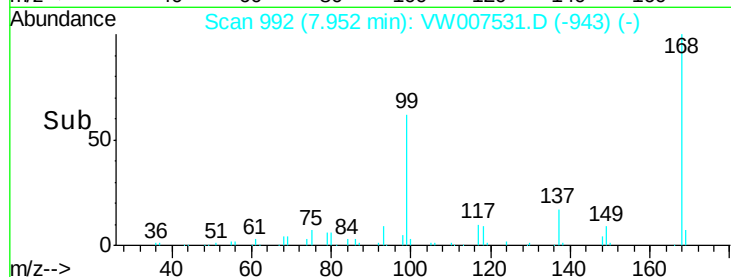
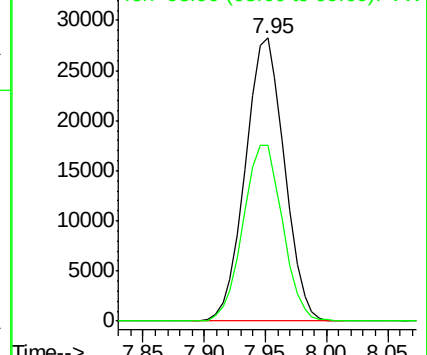
168 100

99 62.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 26.059 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007531.D

Acq: 14 Dec 2018 13:24

Tgt Ion: 84 Resp: 18610

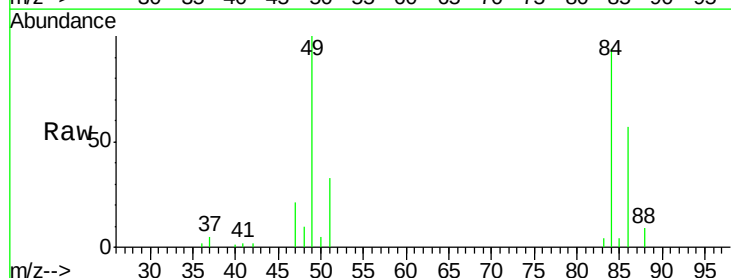
Ion Ratio Lower Upper

84 100

49 105.4 87.1 130.7

51 34.9 28.2 42.2

86 61.0 50.8 76.2

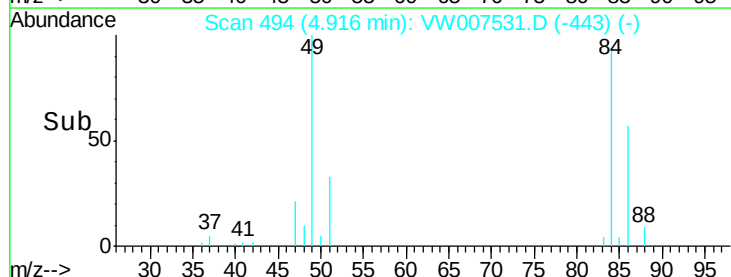
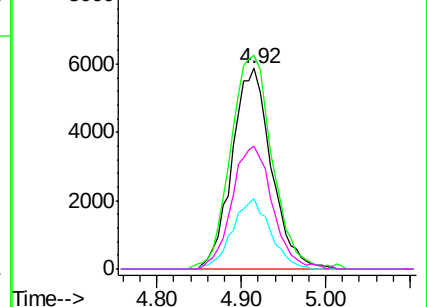


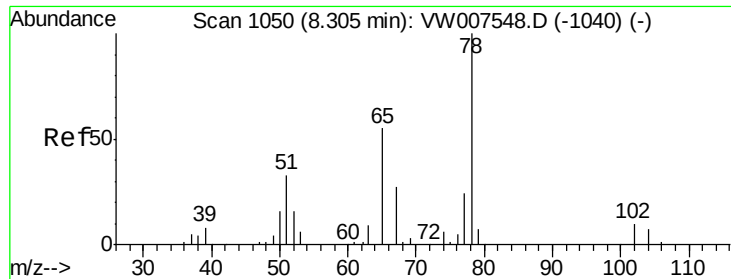
Abundance Ion 83.90 (83.60 to 84.60): VW

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

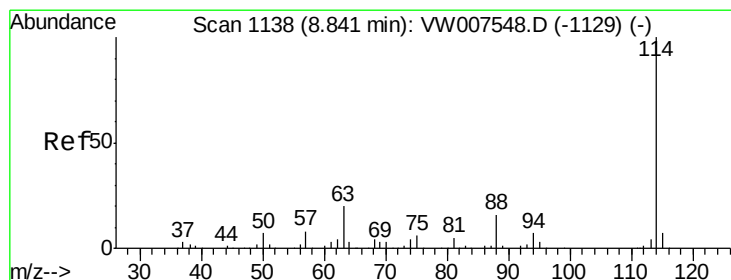
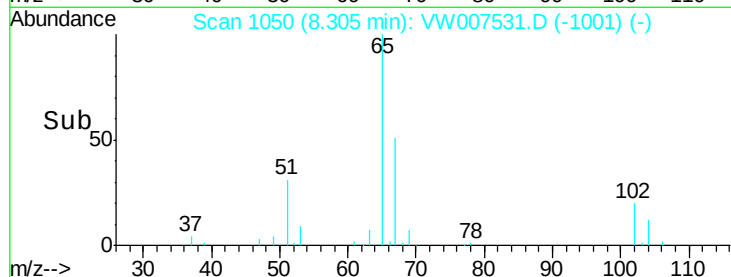
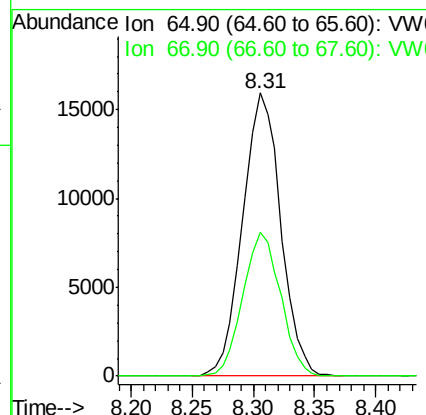
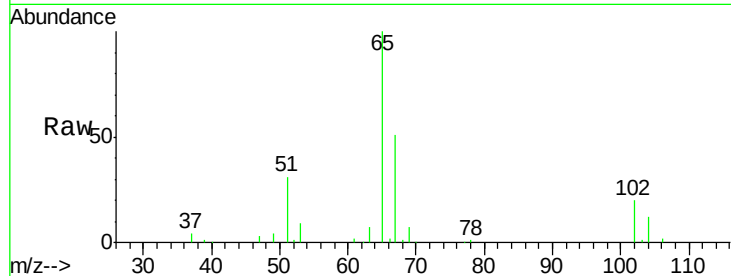




#33
 1,2-Dichloroethane-d4
 Concen: 49.453 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007531.D
 Acq: 14 Dec 2018 13:24

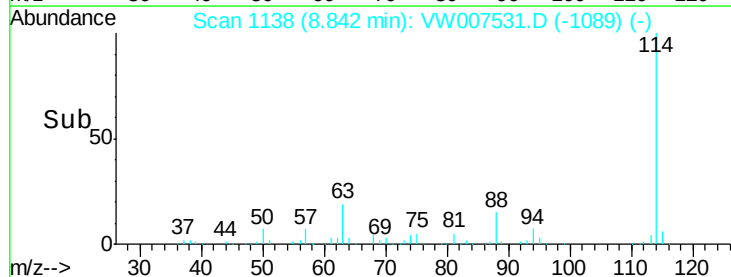
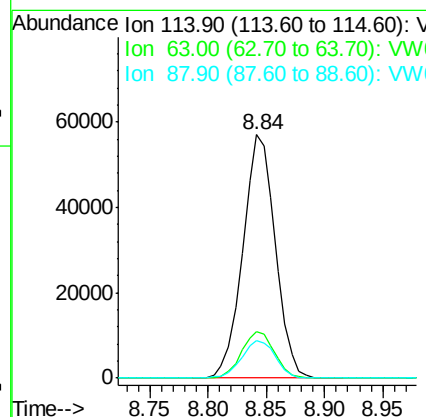
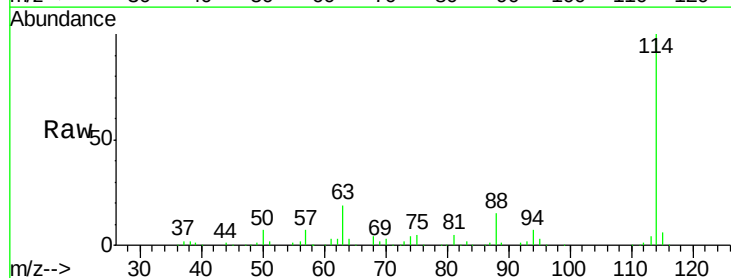
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-6-120718

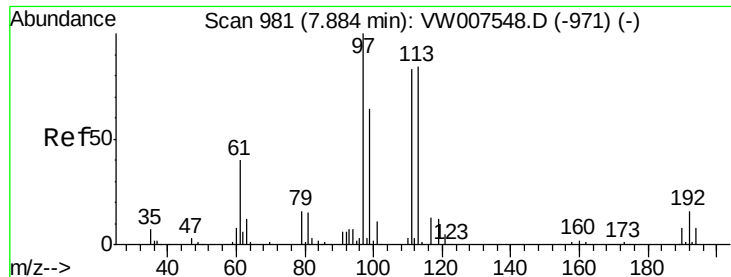
Tgt Ion: 65 Resp: 34490
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007531.D
 Acq: 14 Dec 2018 13:24

Tgt Ion: 114 Resp: 110757
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.892 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007531.D

Acq: 14 Dec 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-6-120718

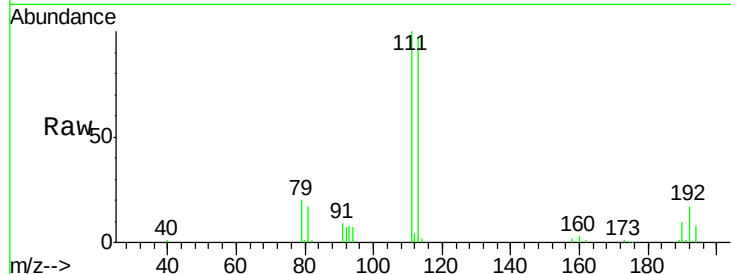
Tgt Ion:113 Resp: 31439

Ion Ratio Lower Upper

113 100

111 101.5 81.1 121.7

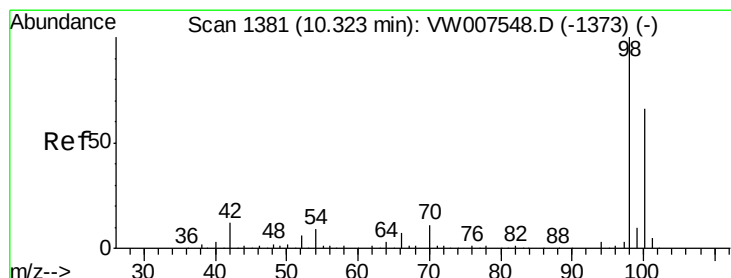
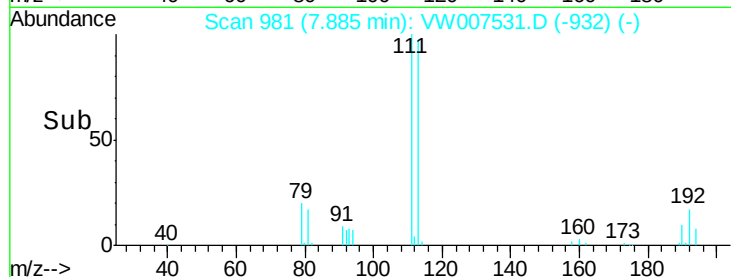
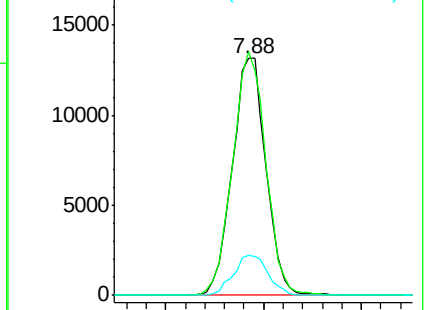
192 17.3 14.6 21.8



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: 40.453 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007531.D

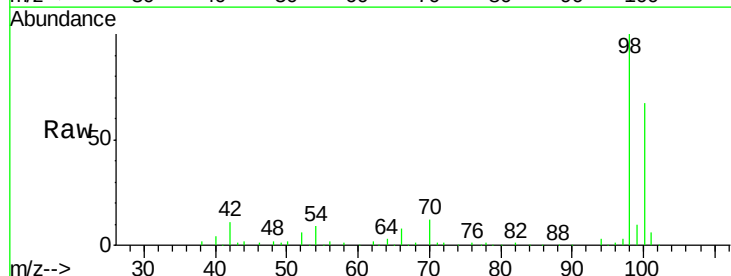
Acq: 14 Dec 2018 13:24

Tgt Ion: 98 Resp: 101692

Ion Ratio Lower Upper

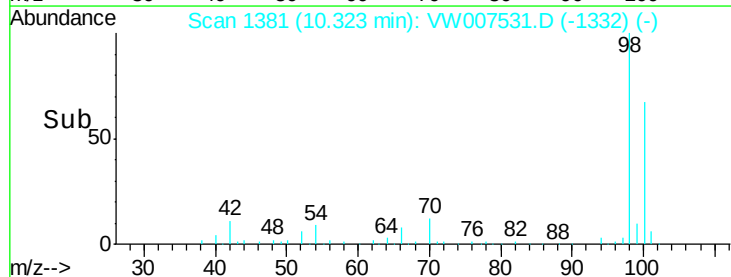
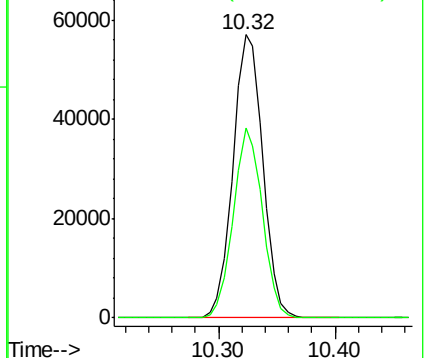
98 100

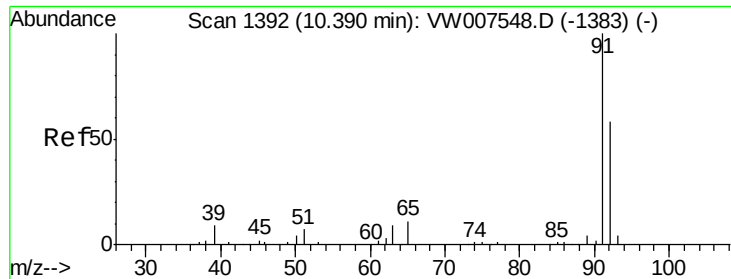
100 65.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 3.180 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007531.D

Acq: 14 Dec 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

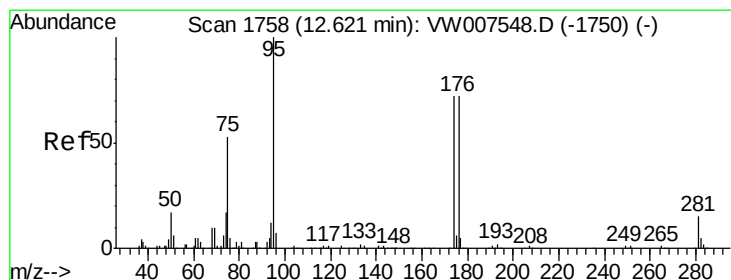
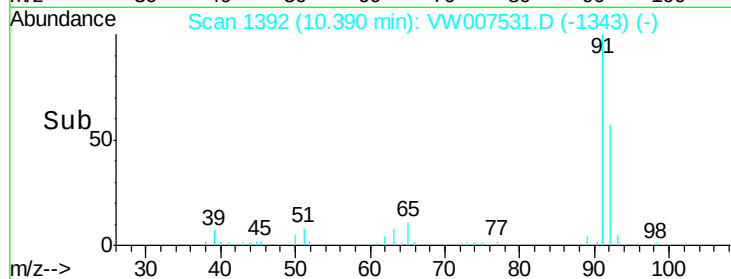
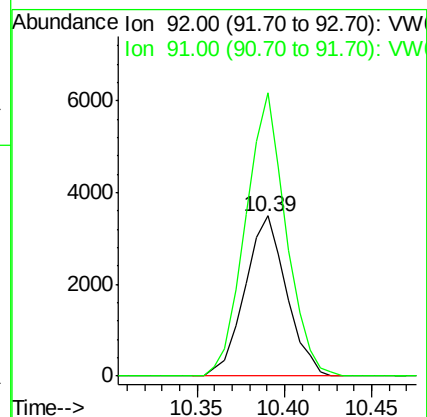
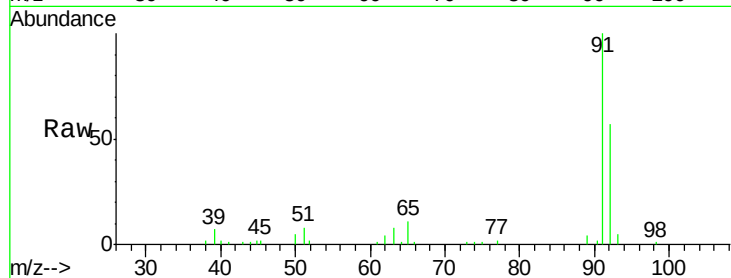
SUP-2A-G-6-120718

Tgt Ion: 92 Resp: 5770

Ion Ratio Lower Upper

92 100

91 171.2 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 38.303 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007531.D

Acq: 14 Dec 2018 13:24

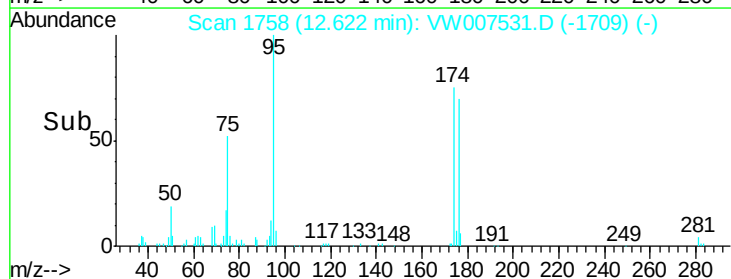
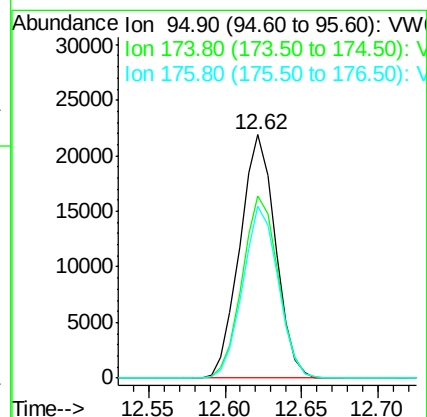
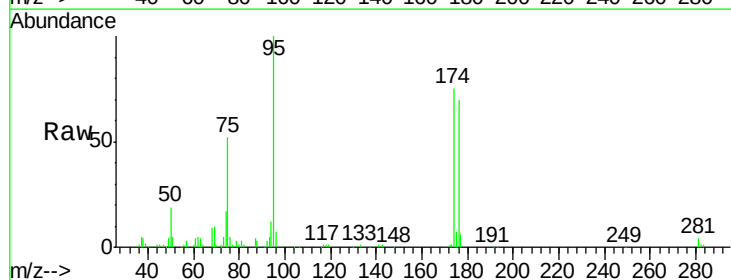
Tgt Ion: 95 Resp: 35402

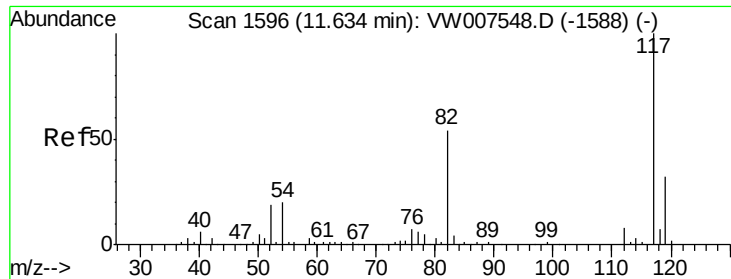
Ion Ratio Lower Upper

95 100

174 75.4 0.0 147.2

176 70.0 0.0 138.8

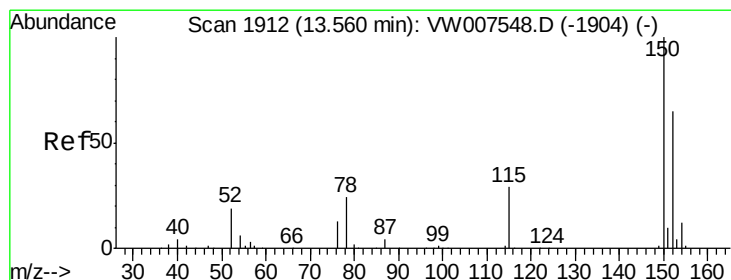
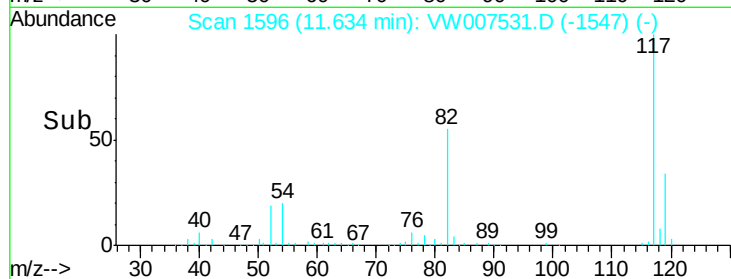
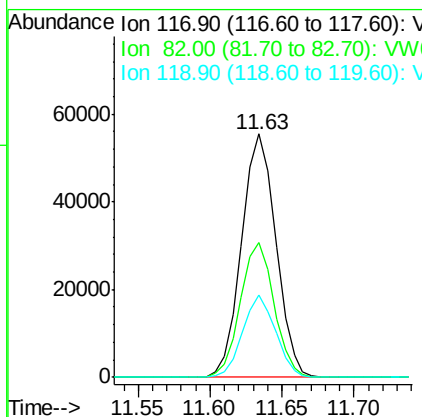
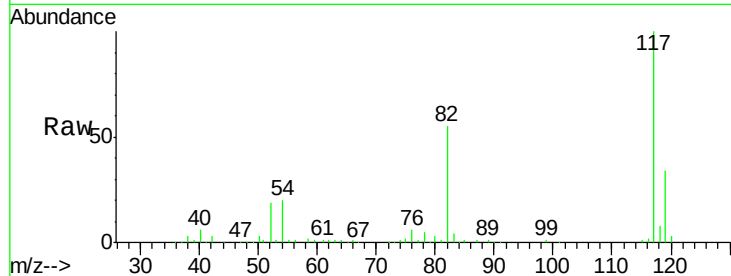




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007531.D
Acq: 14 Dec 2018 13:24

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-6-120718

Tgt Ion:117 Resp: 91760
Ion Ratio Lower Upper
117 100
82 55.4 42.3 63.5
119 34.0 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: VW007531.D
Acq: 14 Dec 2018 13:24

Tgt Ion:152 Resp: 34838
Ion Ratio Lower Upper
152 100
115 62.0 31.4 94.2
150 160.2 0.0 358.4

