

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007529.D
 Acq On : 14 Dec 2018 12:32
 Operator : SY/AP
 Sample : J6322-12
 Misc : 7.11G/5ML/MSVOA_W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-4-120718

Quant Time: Dec 14 14:05:22 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

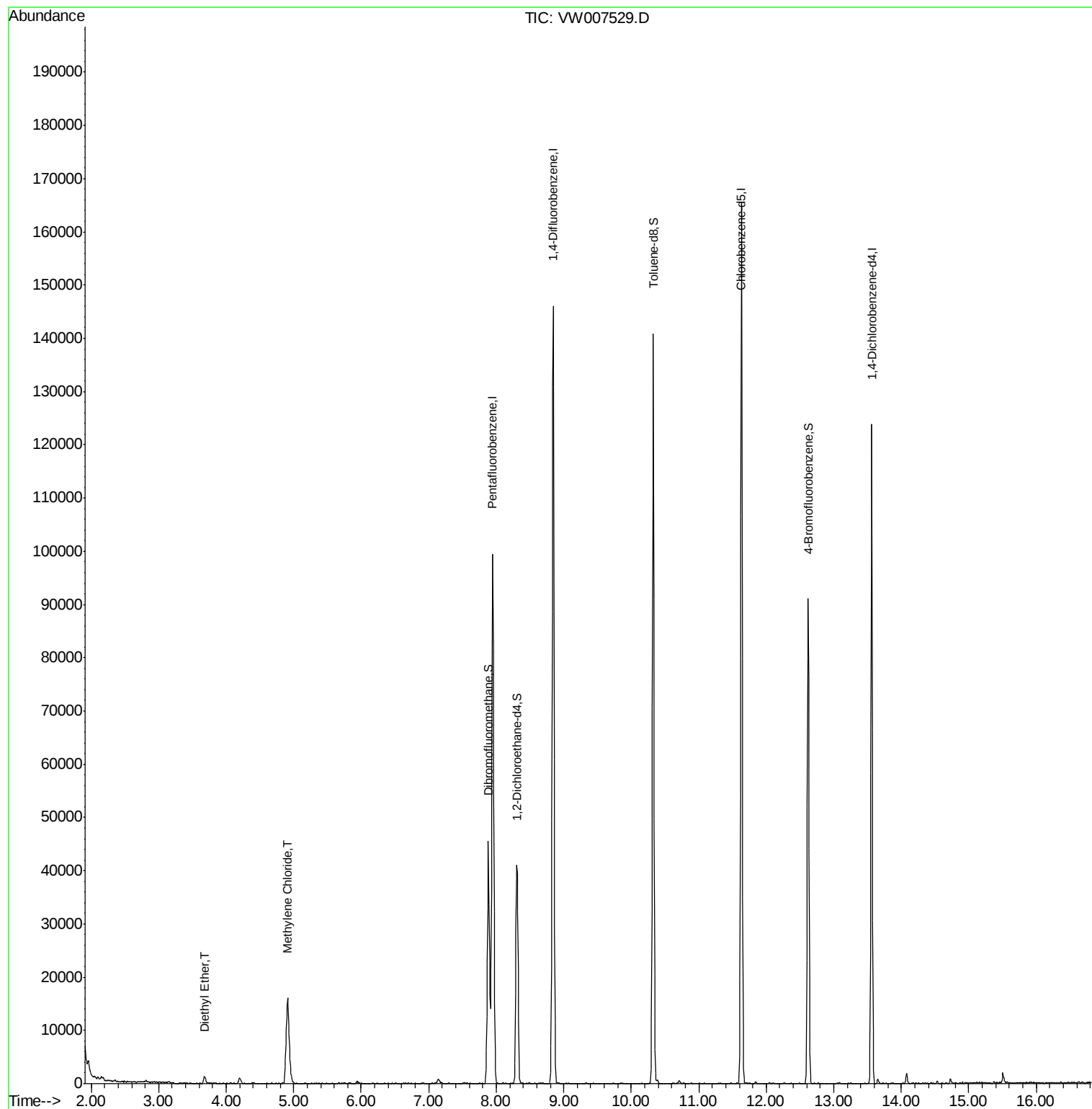
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	72764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	125423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	95599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36066	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
35) Dibromofluoromethane	7.88	113	33251	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
50) Toluene-d8	10.32	98	94450	33.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.36%	
62) 4-Bromofluorobenzene	12.62	95	31000	29.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.24%	
Target Compounds						
8) Diethyl Ether	3.68	74	793	2.255	ug/l #	53
20) Methylene Chloride	4.91	84	13165	14.274	ug/l	99

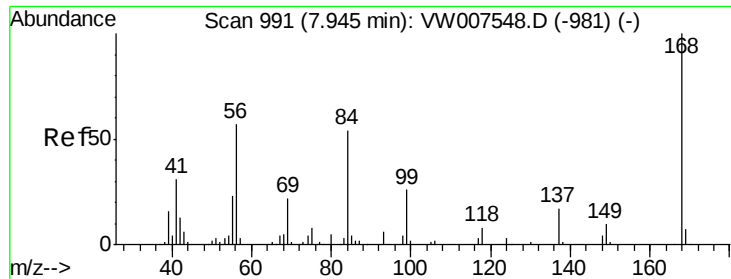
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 11 02:58:16 2018
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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 :

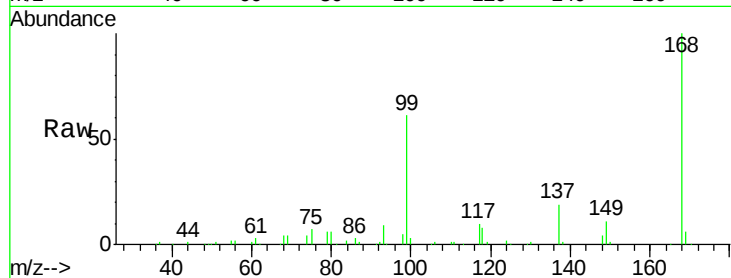
SUP-2A-G-4-120718

Tgt Ion: 168 Resp: 72764

Ion Ratio Lower Upper

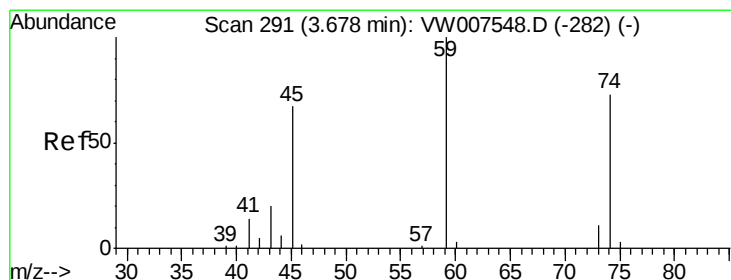
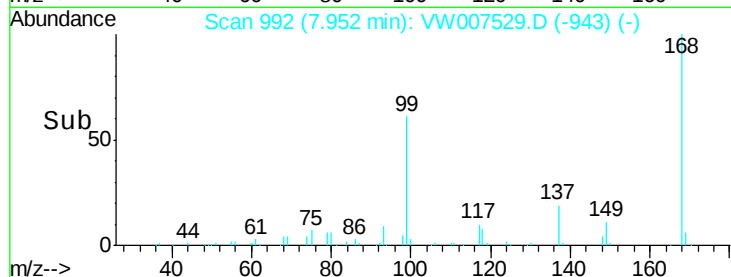
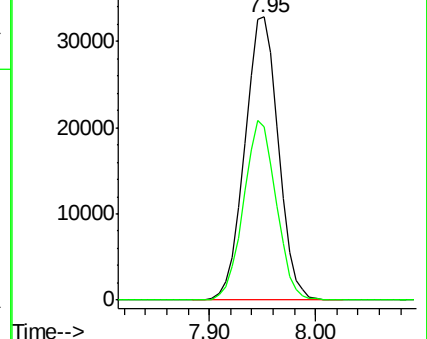
168 100

99 61.1 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: 2.255 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW007529.D

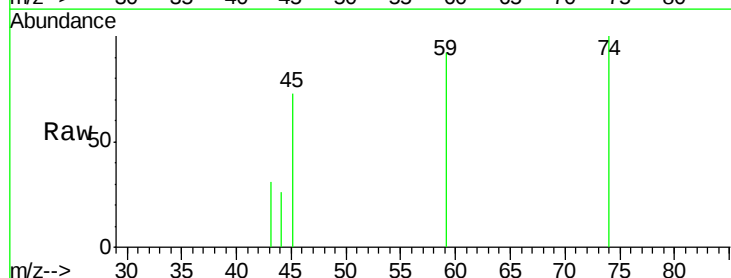
Acq: 14 Dec 2018 12:32

Tgt Ion: 74 Resp: 793

Ion Ratio Lower Upper

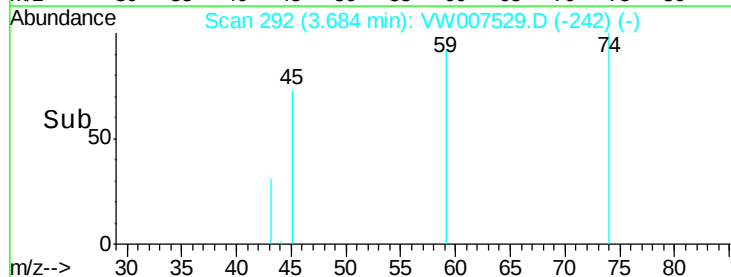
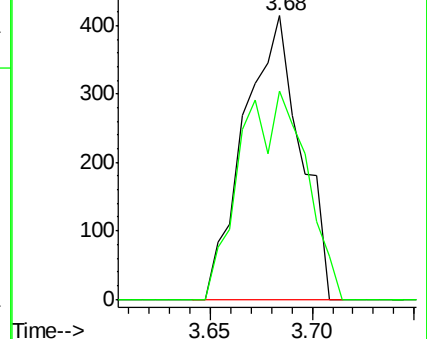
74 100

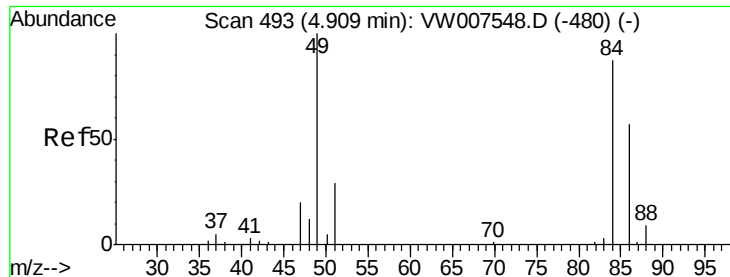
45 42.9 43.0 129.0#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

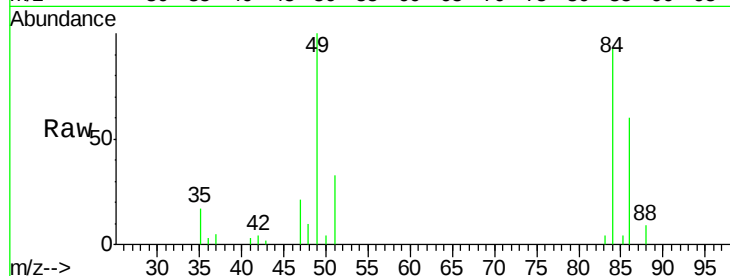




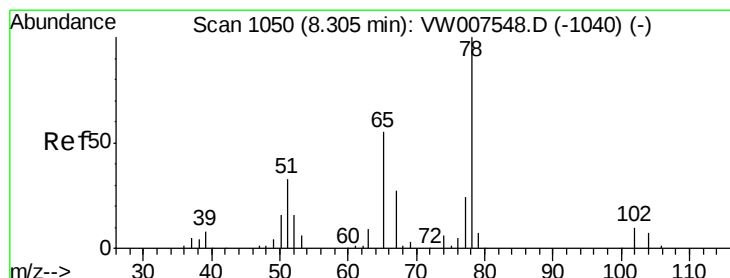
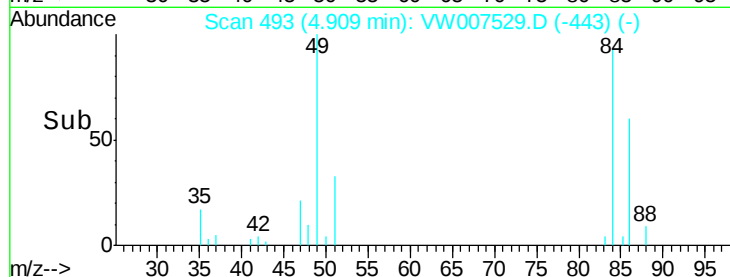
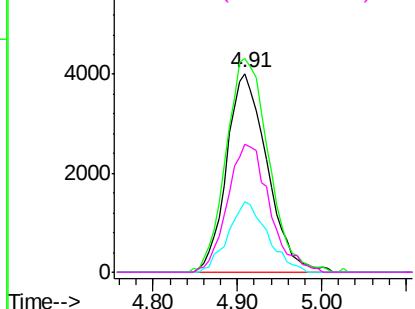
#20
Methylene Chloride
Concen: 14.274 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007529.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-4-120718

Tgt Ion: 84 Resp: 13165
Ion Ratio Lower Upper
84 100
49 107.5 87.1 130.7
51 35.7 28.2 42.2
86 64.4 50.8 76.2

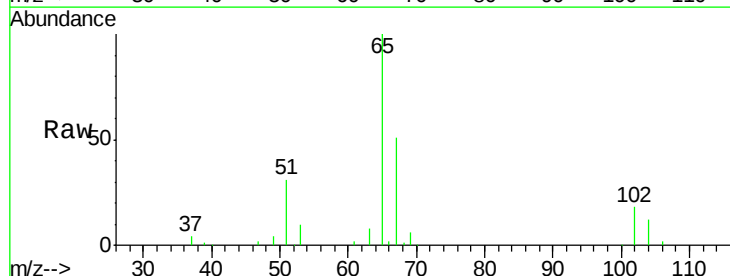


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

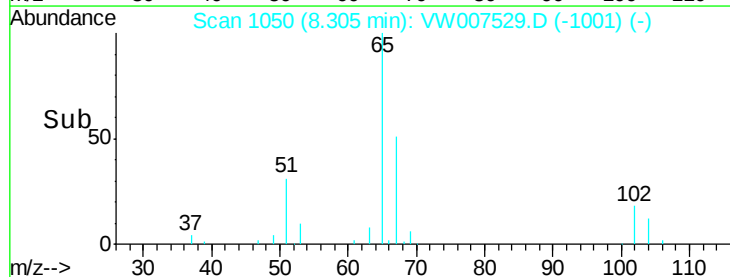
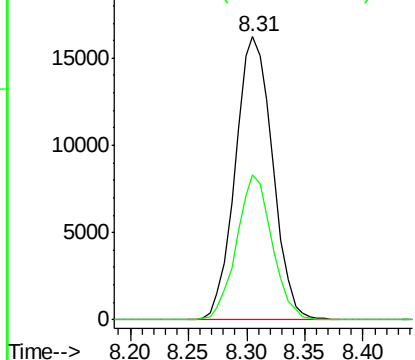


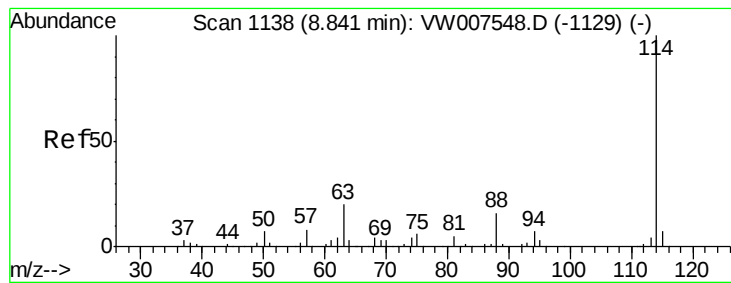
#33
1,2-Dichloroethane-d4
Concen: 44.677 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007529.D
Acq: 14 Dec 2018 12:32

Tgt Ion: 65 Resp: 36066
Ion Ratio Lower Upper
65 100
67 48.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW007529.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-4-120718

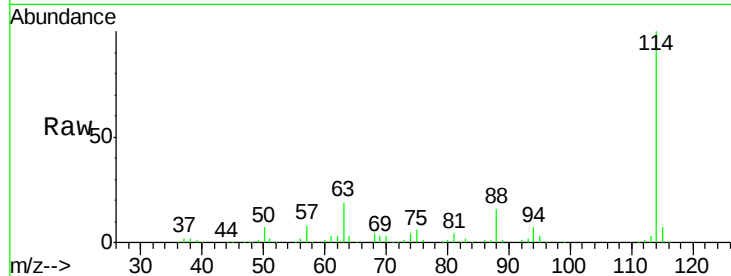
Tgt Ion:114 Resp: 125423

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

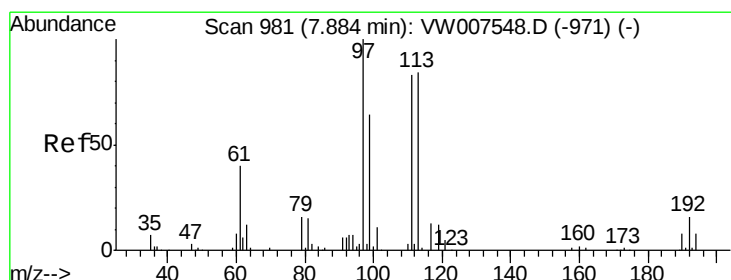
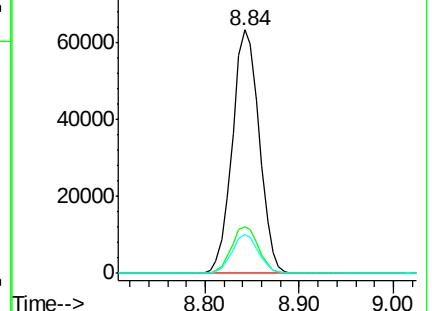
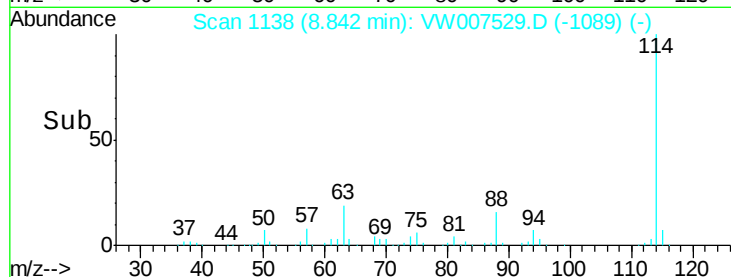
88 16.2 0.0 31.4



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: 43.795 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007529.D

Acq: 14 Dec 2018 12:32

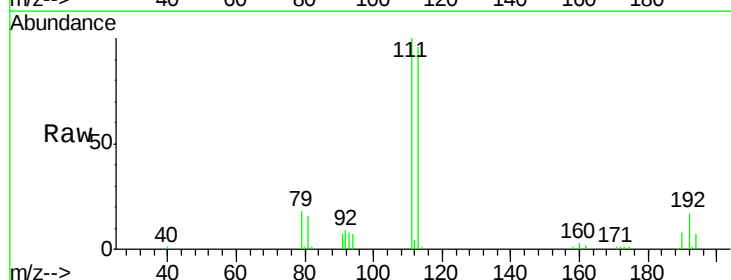
Tgt Ion:113 Resp: 33251

Ion Ratio Lower Upper

113 100

111 100.9 81.1 121.7

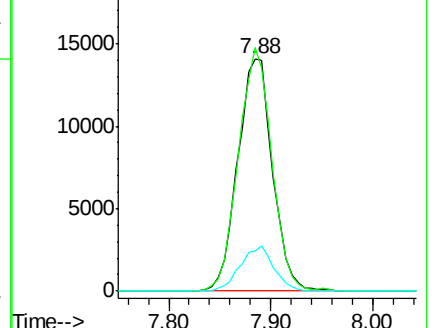
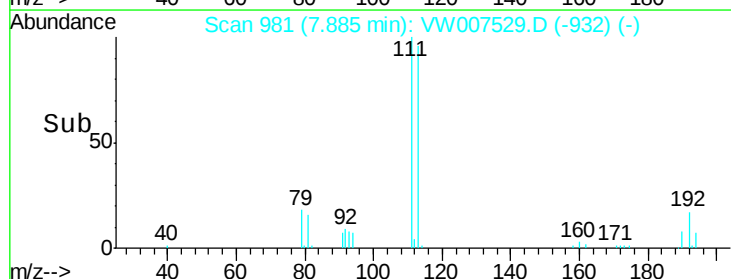
192 18.5 14.6 21.8

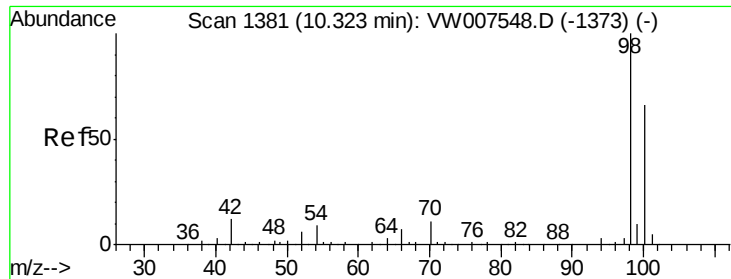


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 33.179 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007529.D

Acq: 14 Dec 2018 12:32

Instrument :

MSVOA_W

ClientSampleId :

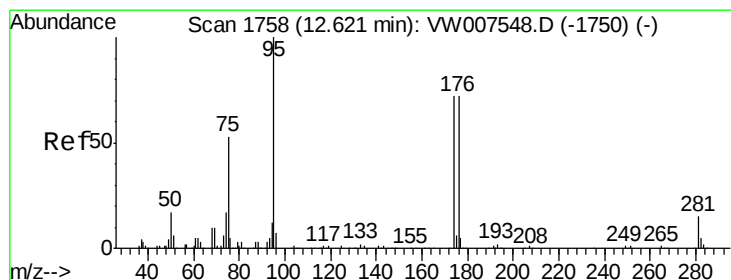
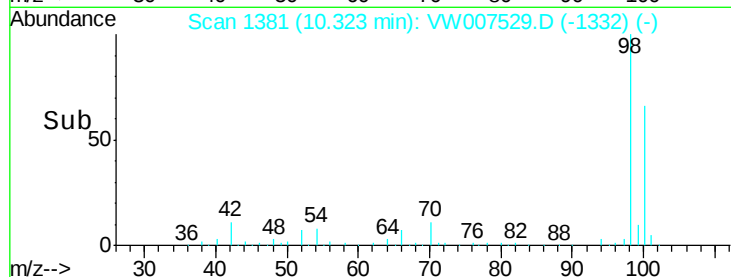
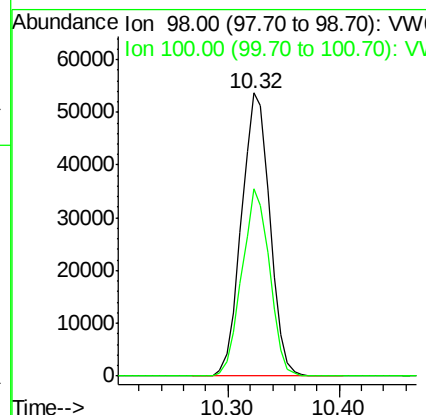
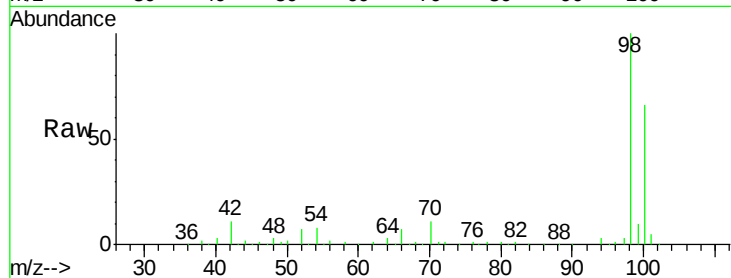
SUP-2A-G-4-120718

Tgt Ion: 98 Resp: 94450

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 29.618 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007529.D

Acq: 14 Dec 2018 12:32

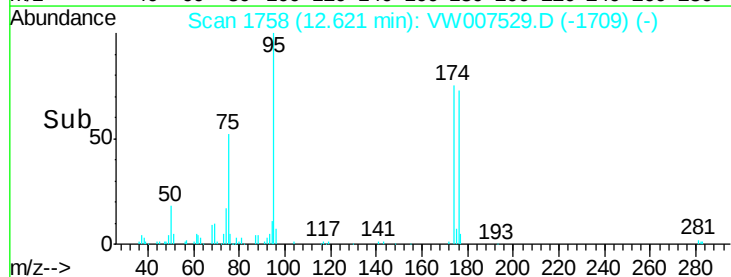
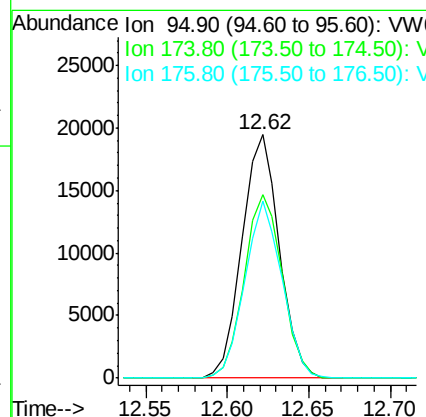
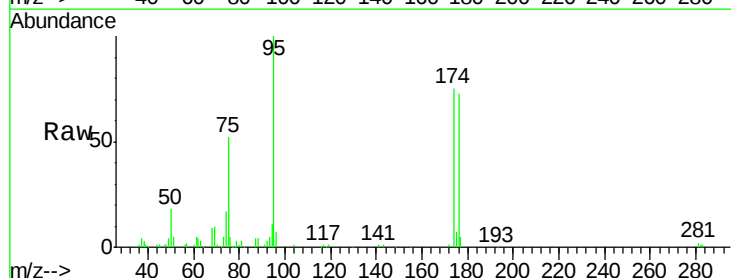
Tgt Ion: 95 Resp: 31000

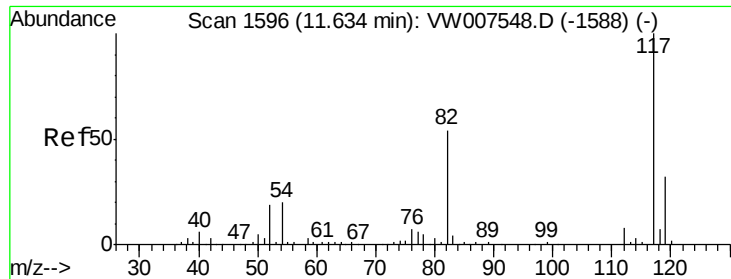
Ion Ratio Lower Upper

95 100

174 76.9 0.0 147.2

176 72.2 0.0 138.8

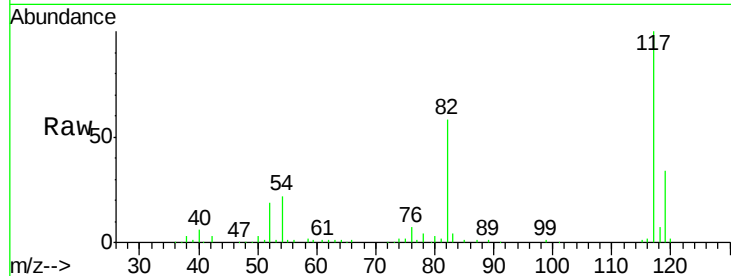




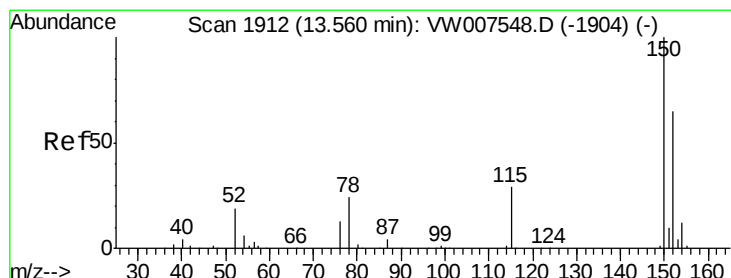
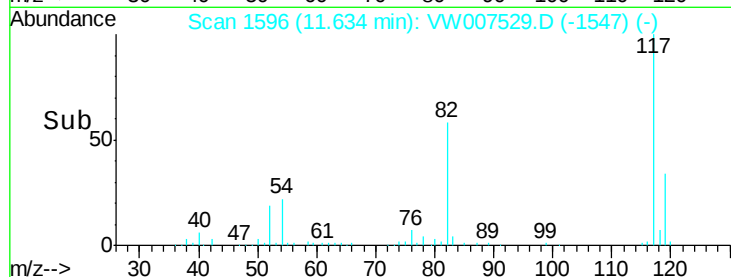
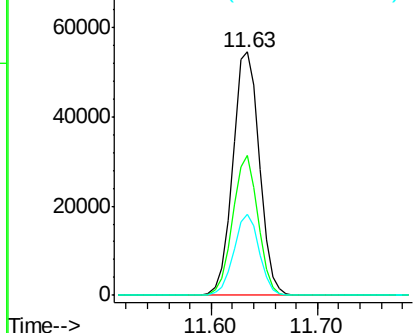
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007529.D
Acq: 14 Dec 2018 12:32

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-4-120718

Tgt Ion:117 Resp: 95599
Ion Ratio Lower Upper
117 100
82 57.7 42.3 63.5
119 33.6 23.0 34.6

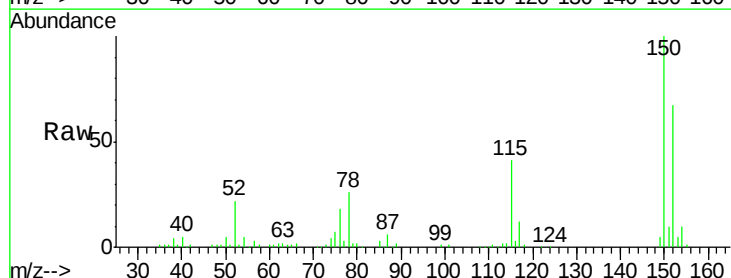


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007529.D
Acq: 14 Dec 2018 12:32

Tgt Ion:152 Resp: 31722
Ion Ratio Lower Upper
152 100
115 62.7 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

