

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007685.D
 Acq On : 19 Dec 2018 04:58
 Operator : SY/AP
 Sample : J6386-08
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS005-1824-01

Quant Time: Dec 19 06:37:22 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

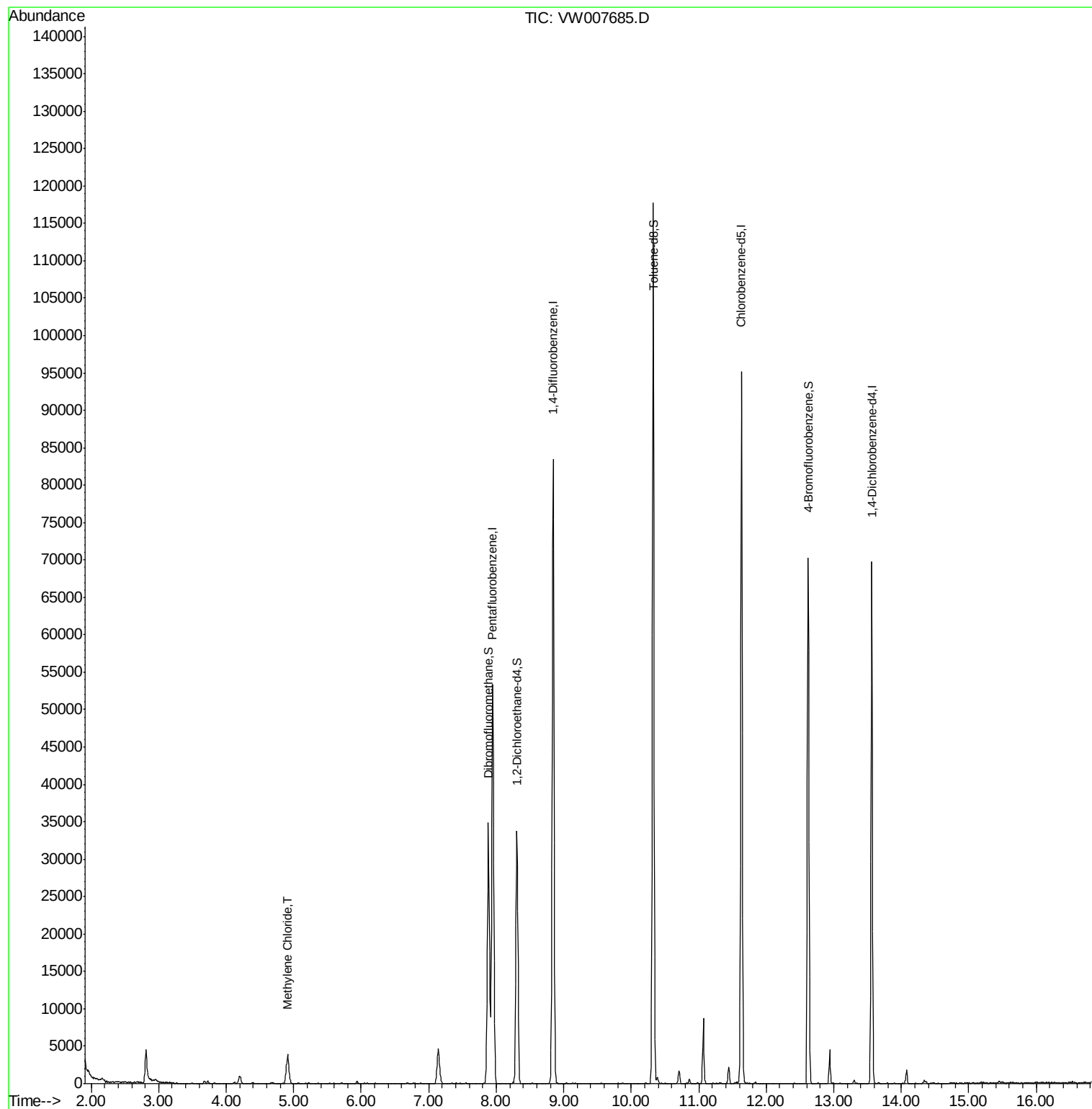
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	39479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	69624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	54406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	27257	62.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.46%	
35) Dibromofluoromethane	7.88	113	25246	59.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.80%	
50) Toluene-d8	10.32	98	79960	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.62	95	21737	37.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.82%	
Target Compounds						
20) Methylene Chloride	4.91	84	2797	3.003	ug/l	Qvalue 91

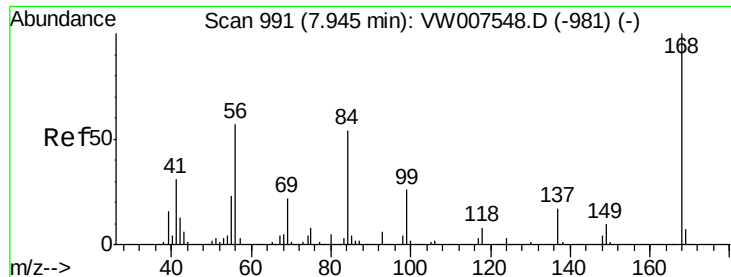
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007685.D

Acq: 19 Dec 2018 04:58

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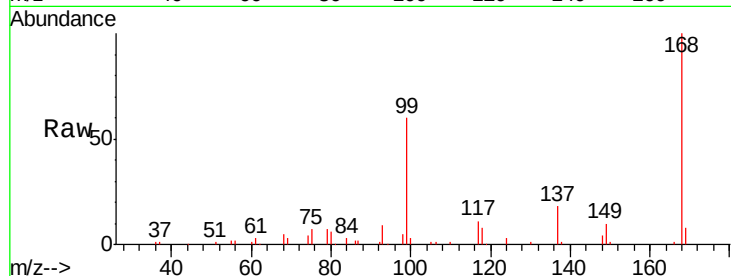
P001-SS005-1824-01

Tgt Ion:168 Resp: 39479

Ion Ratio Lower Upper

168 100

99 60.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

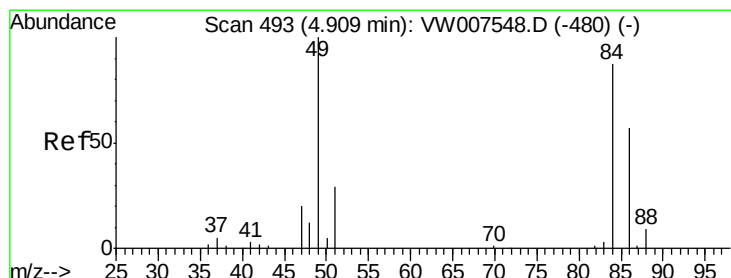
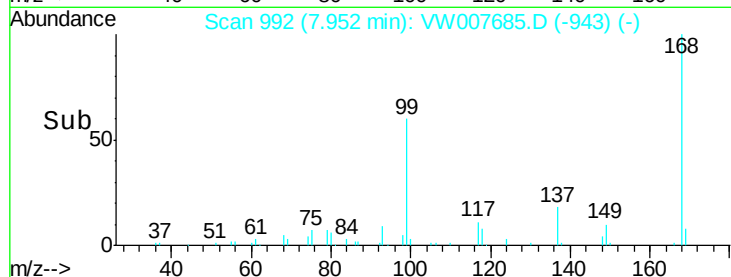
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 3.003 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007685.D

Acq: 19 Dec 2018 04:58

Tgt Ion: 84 Resp: 2797

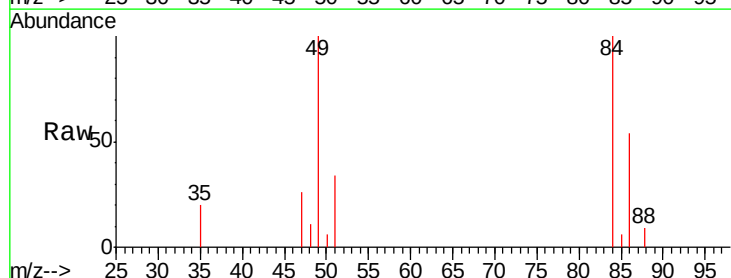
Ion Ratio Lower Upper

84 100

49 99.7 87.1 130.7

51 33.9 28.2 42.2

86 54.4 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

4.91

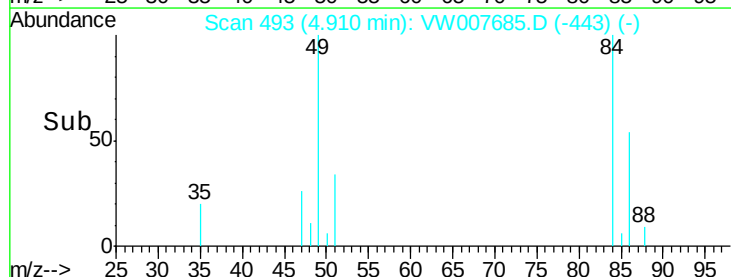
1500

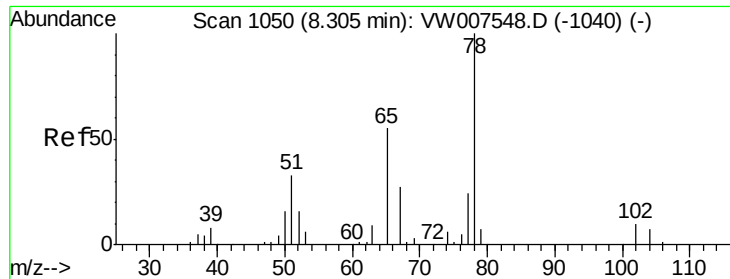
1000

500

0

Time-->

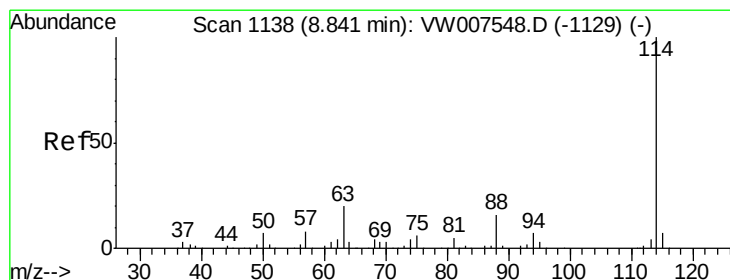
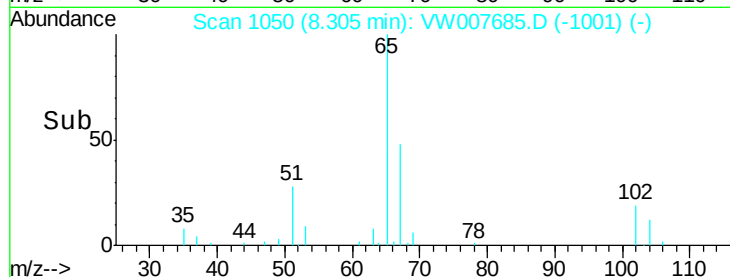
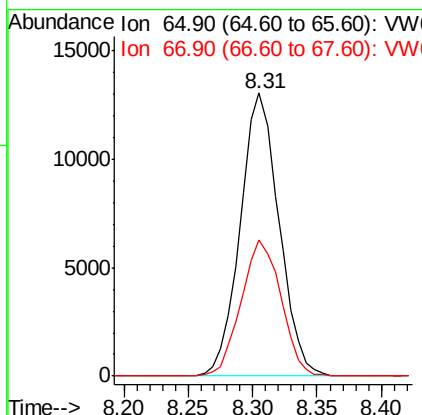
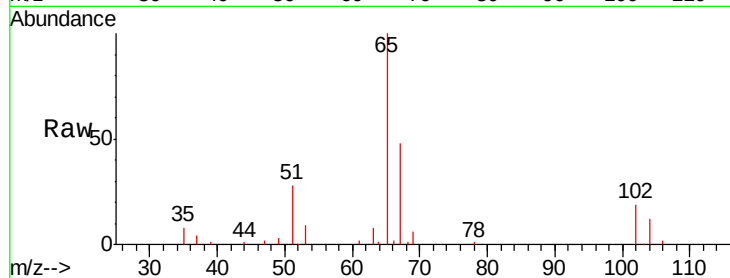




#33
 1,2-Dichloroethane-d4
 Concen: 62.232 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007685.D
 Acq: 19 Dec 2018 04:58

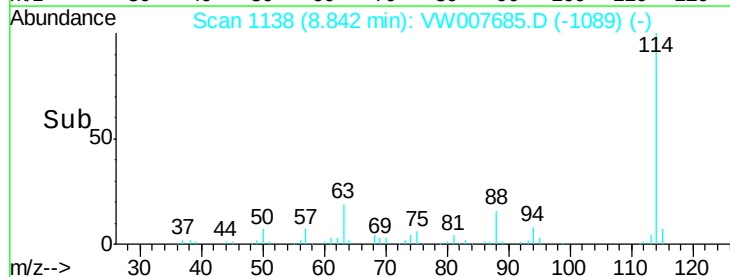
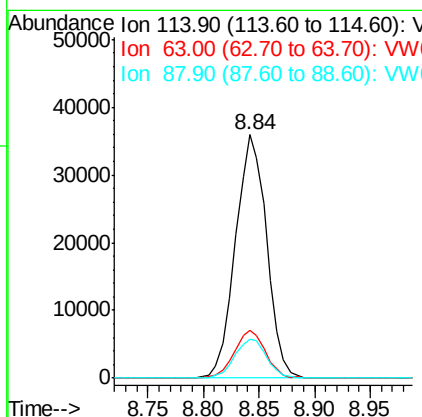
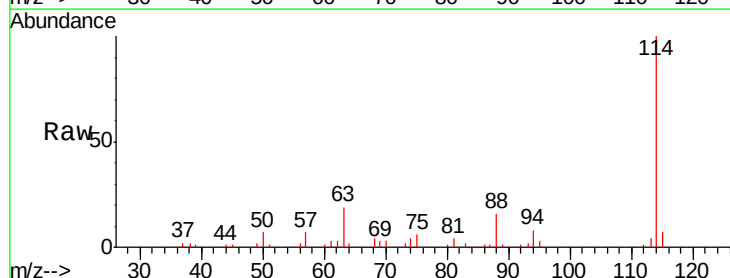
Instrument :
 MSVOA_W
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 P001-SS005-1824-01

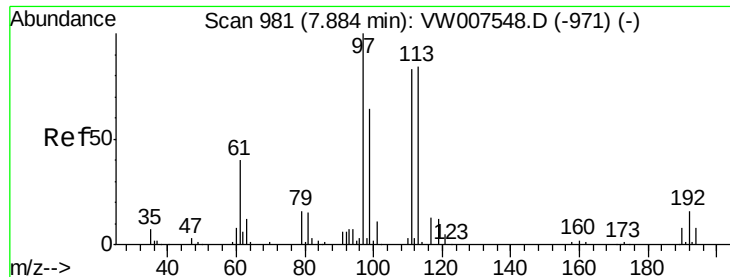
Tgt Ion: 65 Resp: 27257
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007685.D
 Acq: 19 Dec 2018 04:58

Tgt Ion: 114 Resp: 69624
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 15.7 0.0 31.4

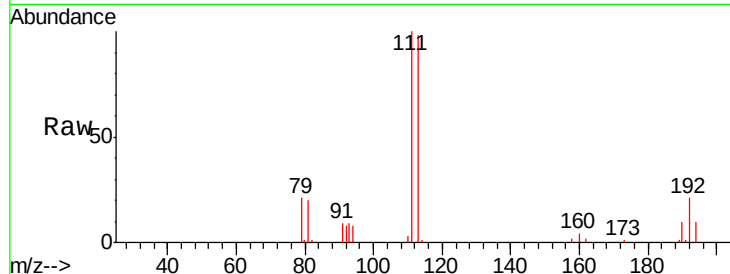




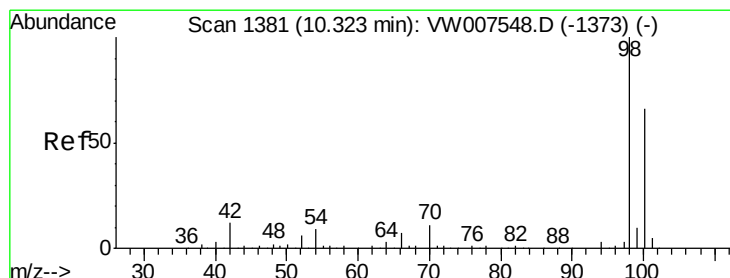
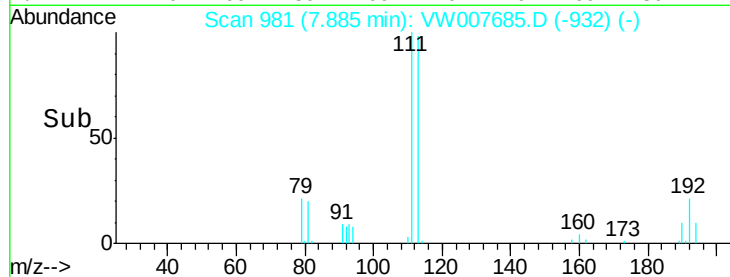
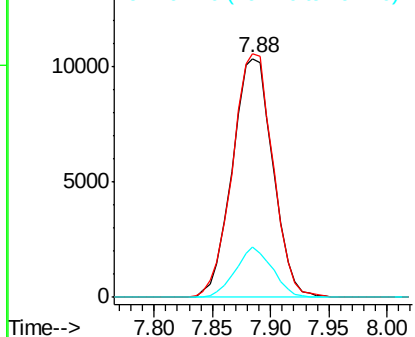
#35
 Dibromofluoromethane
 Concen: 59.901 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007685.D
 Acq: 19 Dec 2018 04:58

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS005-1824-01

Tgt Ion: 113 Resp: 25246
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.1 121.7
 192 19.1 14.6 21.8

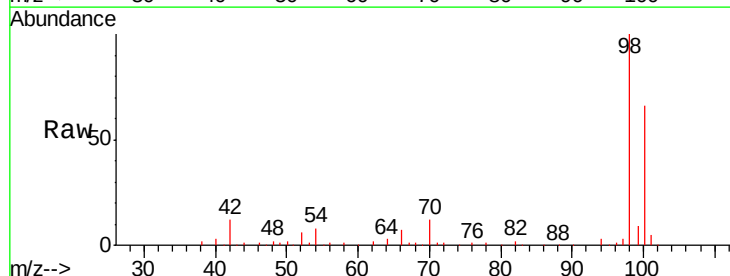


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

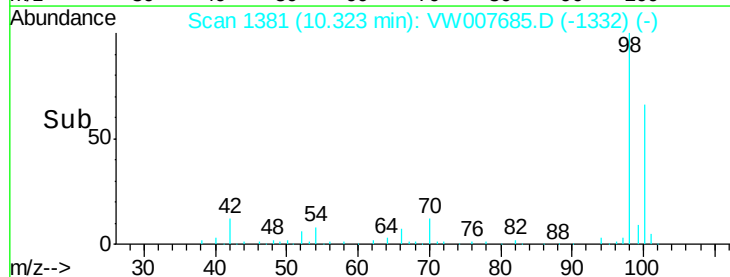
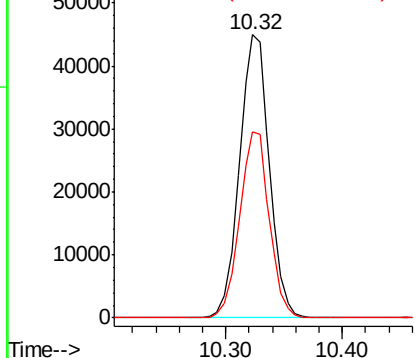


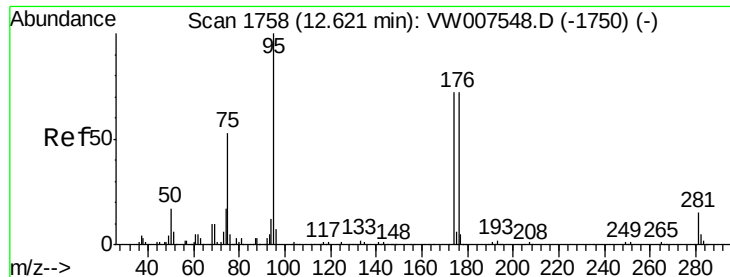
#50
 Toluene-d8
 Concen: 50.600 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW007685.D
 Acq: 19 Dec 2018 04:58

Tgt Ion: 98 Resp: 79960
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.8 77.8



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

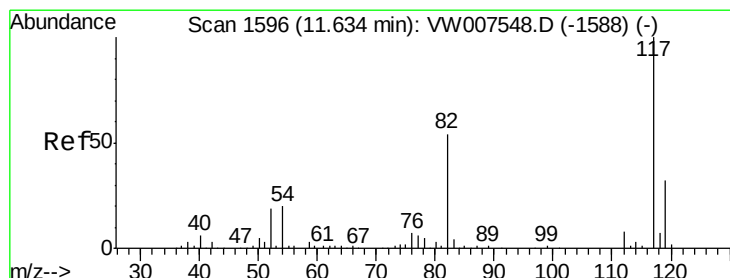
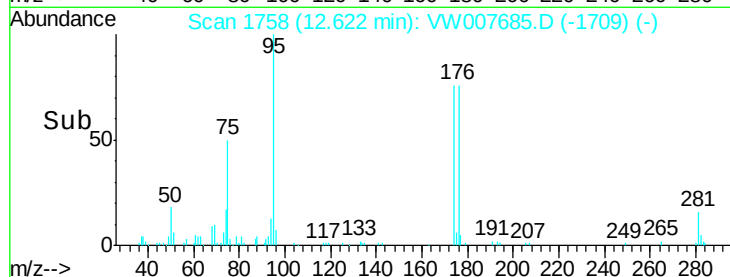
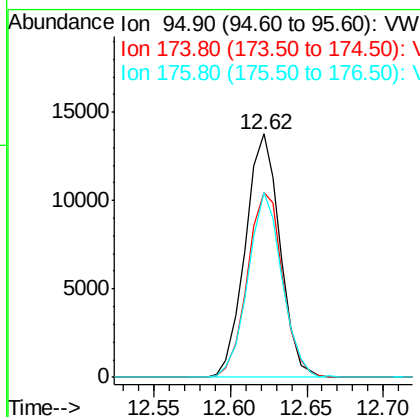
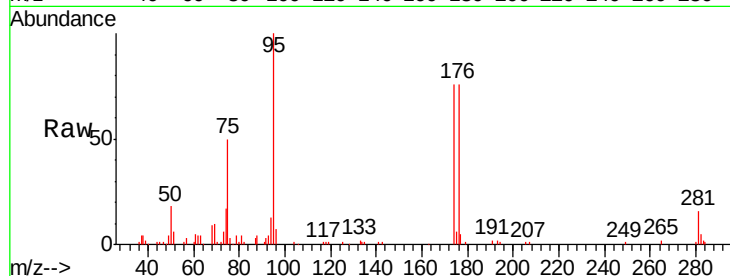




#62
4-Bromofluorobenzene
Concen: 37.412 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007685.D
Acq: 19 Dec 2018 04:58

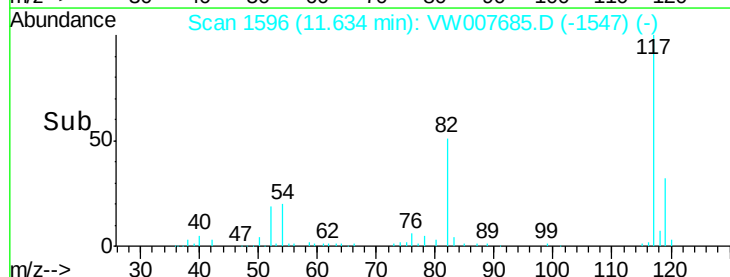
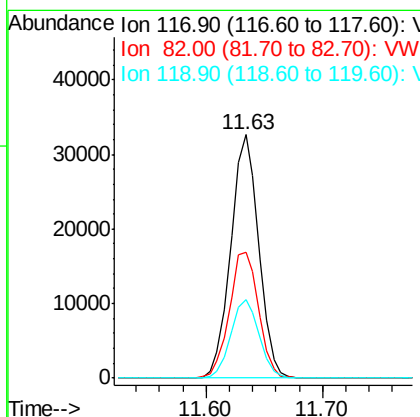
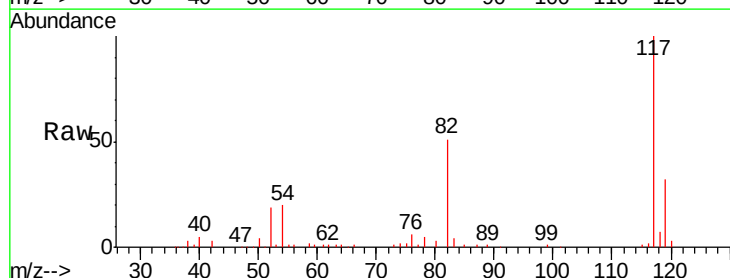
Instrument :
MSVOA_W
ClientSampleId :
P001-SS005-1824-01

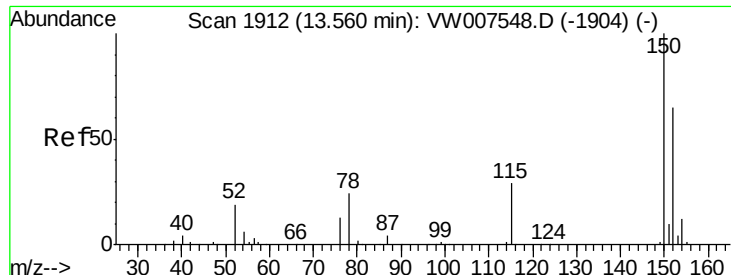
Tgt Ion: 95 Resp: 21737
Ion Ratio Lower Upper
95 100
174 77.4 0.0 147.2
176 74.5 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007685.D
Acq: 19 Dec 2018 04:58

Tgt Ion: 117 Resp: 54406
Ion Ratio Lower Upper
117 100
82 51.5 42.3 63.5
119 32.2 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: VW007685.D

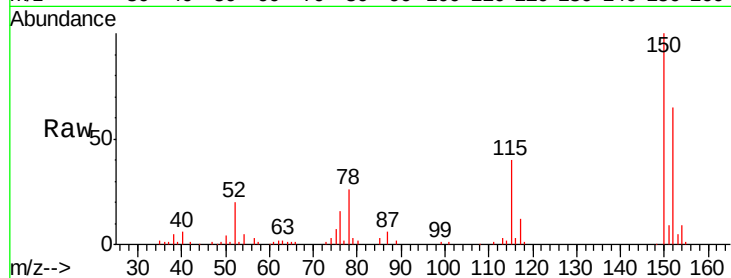
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Instrument :

MSVOA_W

ClientSampleId :

P001-SS005-1824-01



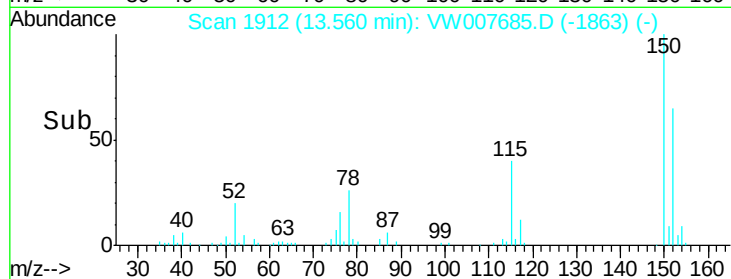
Tgt Ion:152 Resp: 18715

Ion Ratio Lower Upper

152 100

115 60.6 31.4 94.2

150 154.8 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

