

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007222.D
 Acq On : 05 Dec 2018 08:15
 Operator : SY/AP
 Sample : J6208-07
 Misc : 6.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Quant Time: Dec 05 11:16:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

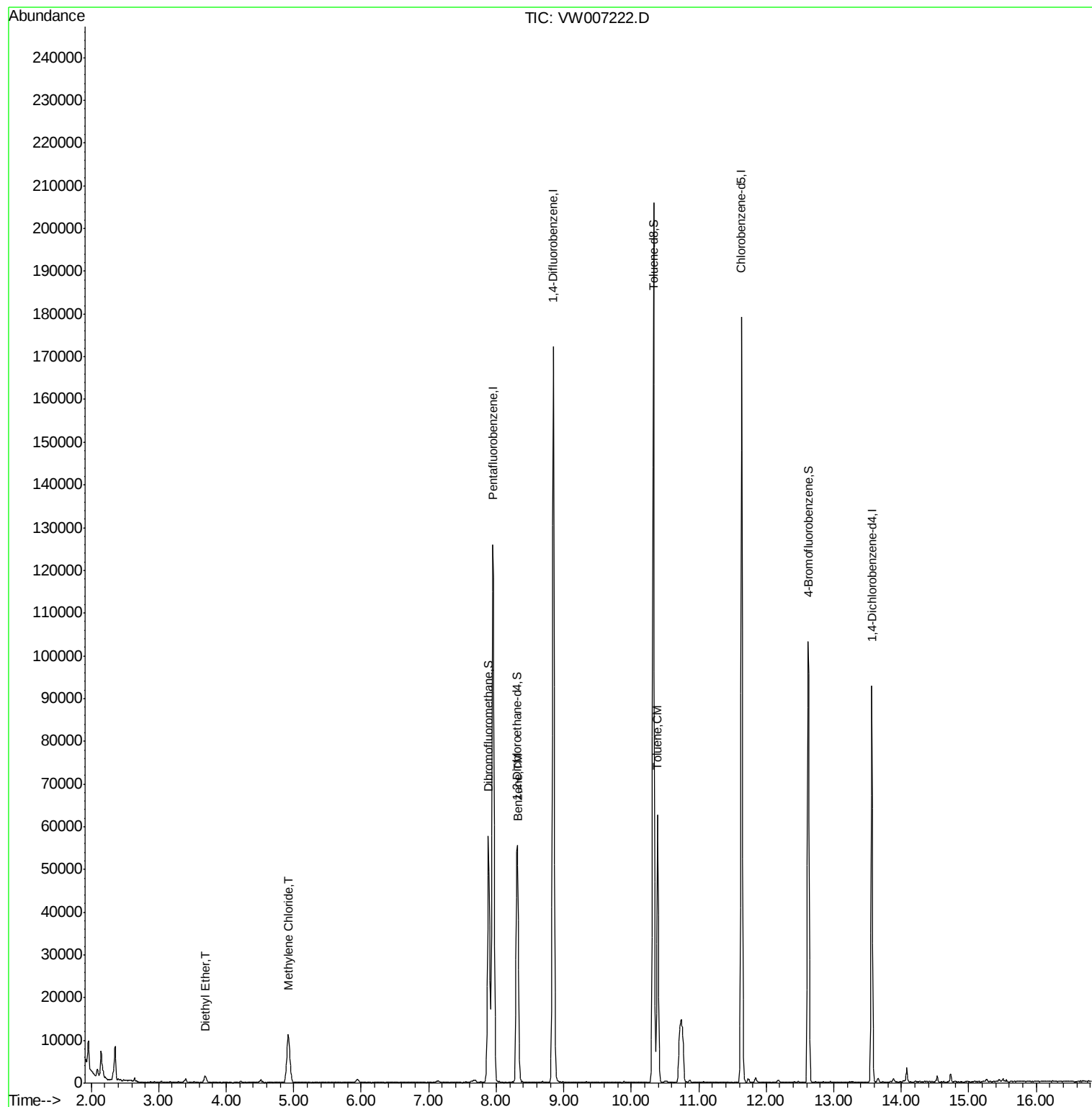
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	150432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	102120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	24926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43348	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
35) Dibromofluoromethane	7.88	113	43011	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.33	98	143273	37.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.52%	
62) 4-Bromofluorobenzene	12.62	95	34710	24.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.48%	
Target Compounds						
8) Diethyl Ether	3.70	74	996	2.215	ug/l	94
20) Methylene Chloride	4.92	84	9158	3.833	ug/l	95
40) Benzene	8.32	78	7511	1.871	ug/l	95
52) Toluene	10.39	92	26692	9.560	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
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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: VW007222.D

Acq: 05 Dec 2018 08:15

Instrument :

MSVOA_W

ClientSampled :

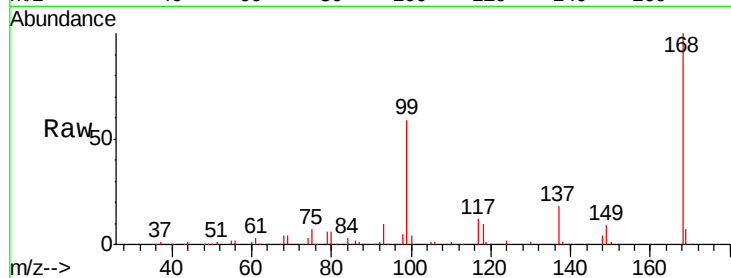
TP-2

Tgt Ion: 168 Resp: 95401

Ion Ratio Lower Upper

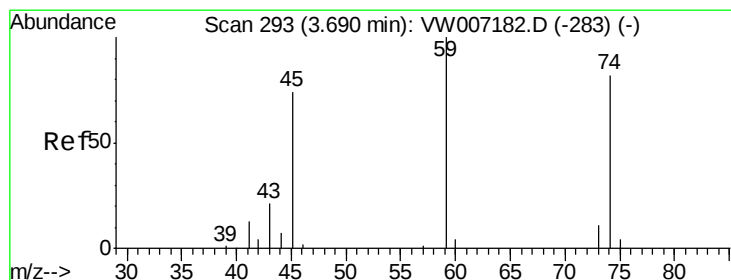
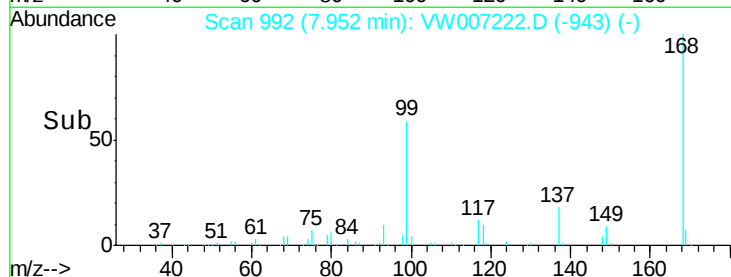
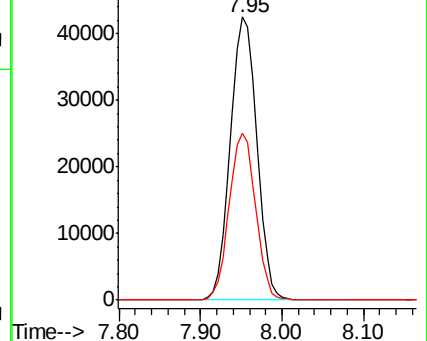
168 100

99 59.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.215 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW007222.D

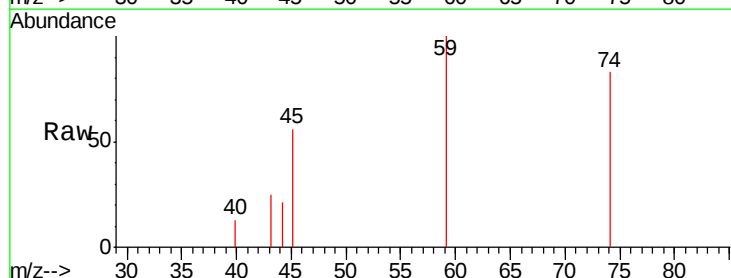
Acq: 05 Dec 2018 08:15

Tgt Ion: 74 Resp: 996

Ion Ratio Lower Upper

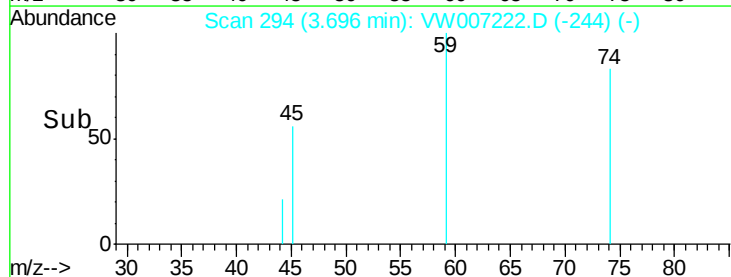
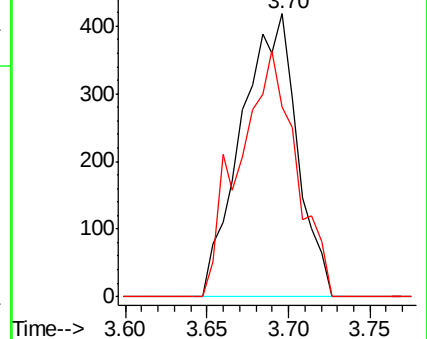
74 100

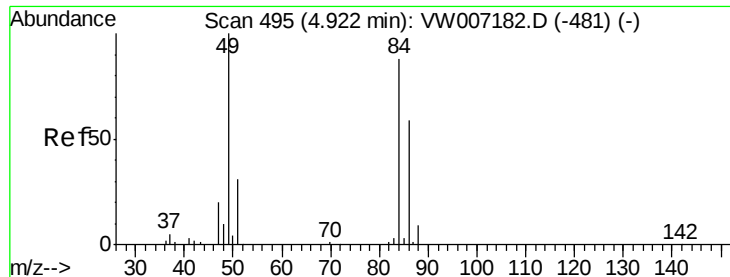
45 88.6 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

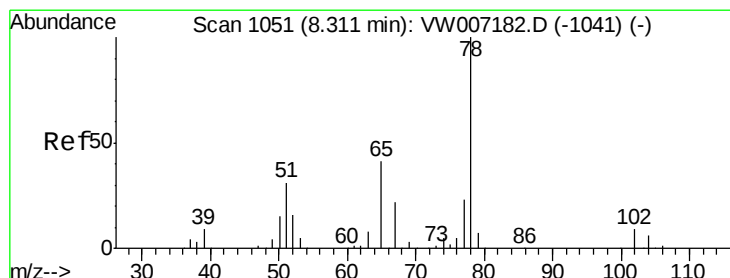
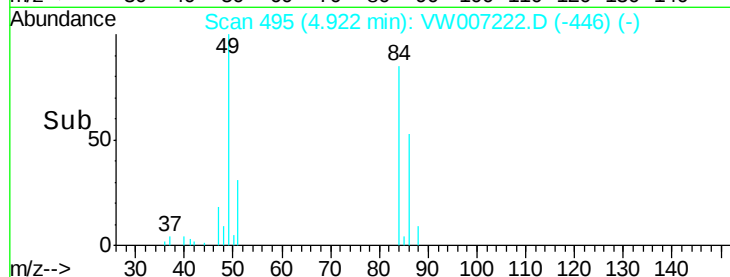
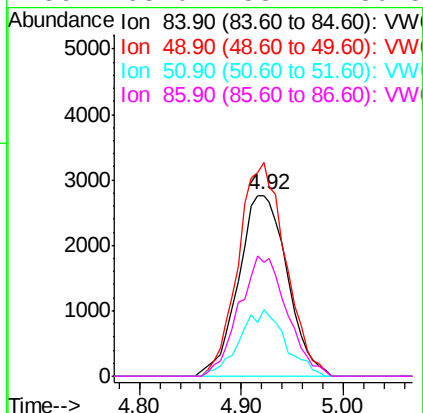
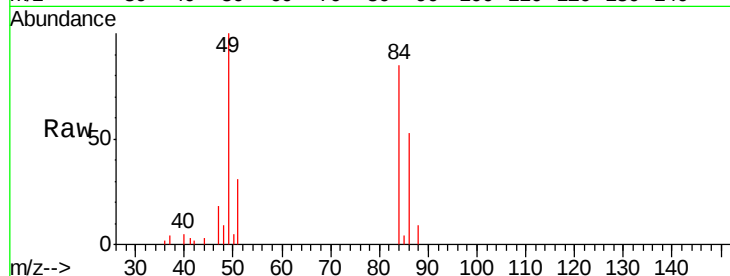




#20
Methylene Chloride
Concen: 3.833 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007222.D
Acq: 05 Dec 2018 08:15

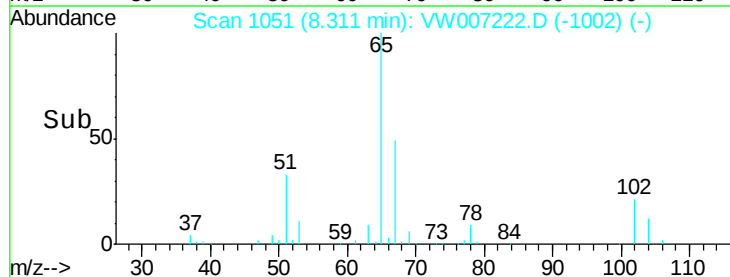
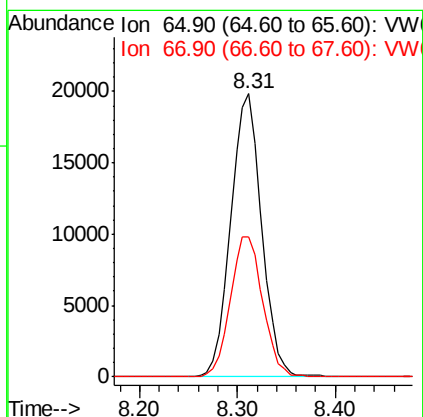
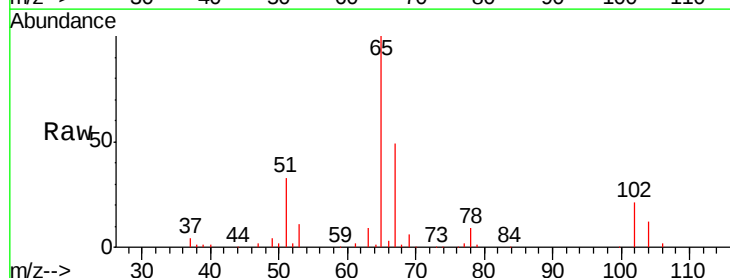
Instrument :
MSVOA_W
ClientSampled :
TP-2

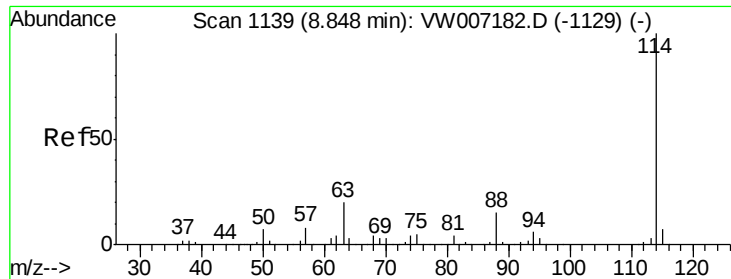
Tgt Ion: 84 Resp: 9158
Ion Ratio Lower Upper
84 100
49 118.2 90.6 135.8
51 36.8 27.6 41.4
86 63.0 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 48.803 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007222.D
Acq: 05 Dec 2018 08:15

Tgt Ion: 65 Resp: 43348
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.4

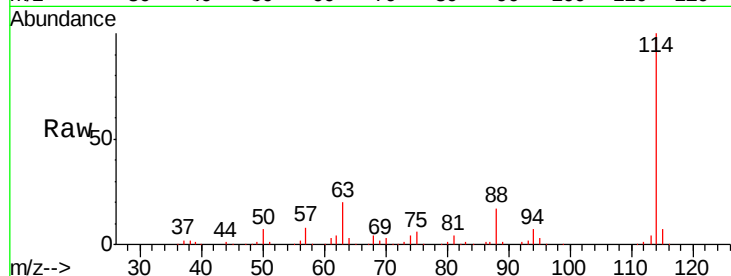




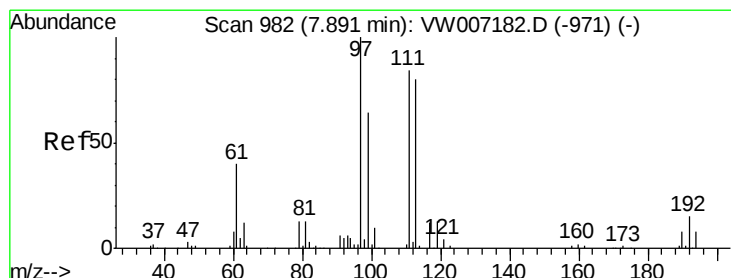
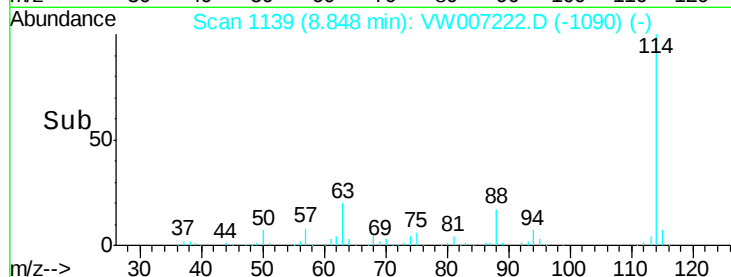
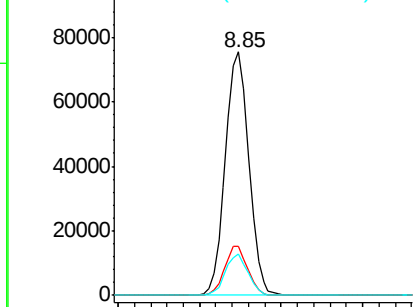
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007222.D
 Acq: 05 Dec 2018 08:15

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Tgt Ion:114 Resp: 150432
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 17.0 0.0 30.0

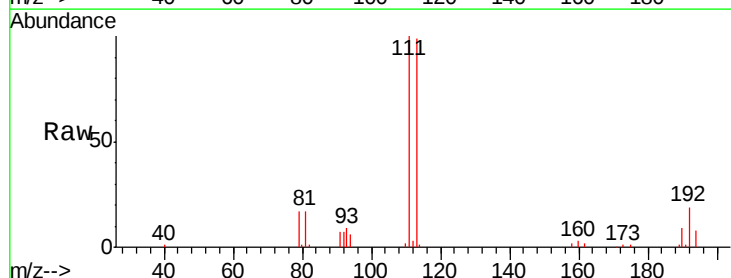


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

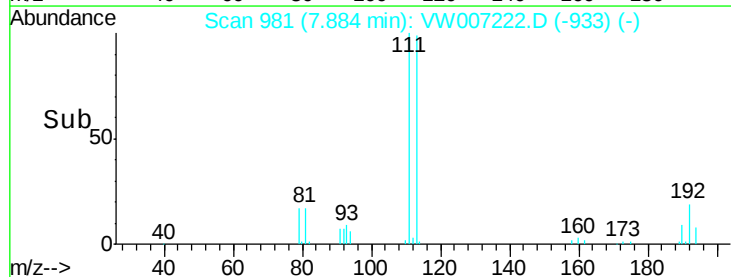
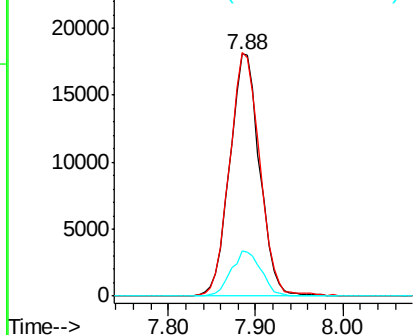


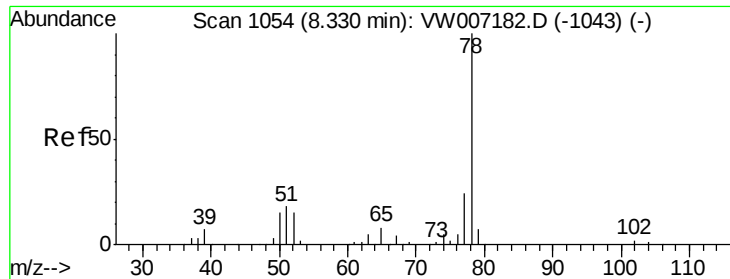
#35
 Dibromofluoromethane
 Concen: 49.933 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007222.D
 Acq: 05 Dec 2018 08:15

Tgt Ion:113 Resp: 43011
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.4
 192 18.6 14.4 21.6



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





#40

Benzene

Concen: 1.871 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW007222.D

Acq: 05 Dec 2018 08:15

Instrument :

MSVOA_W

ClientSampleId :

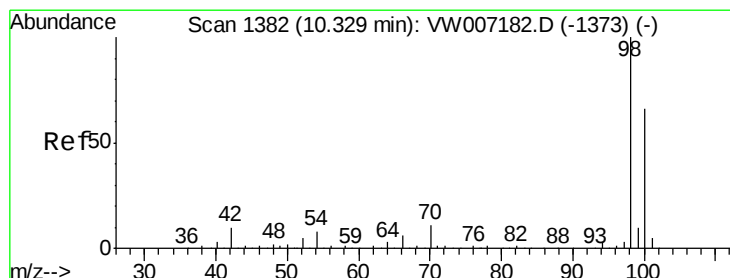
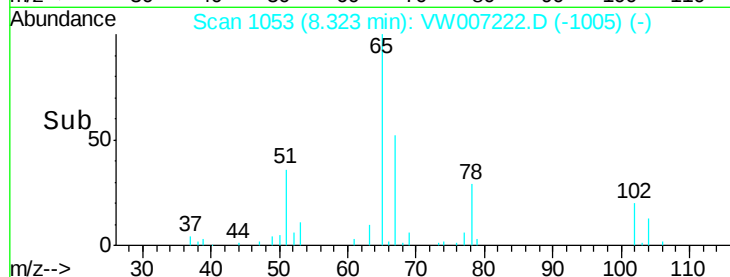
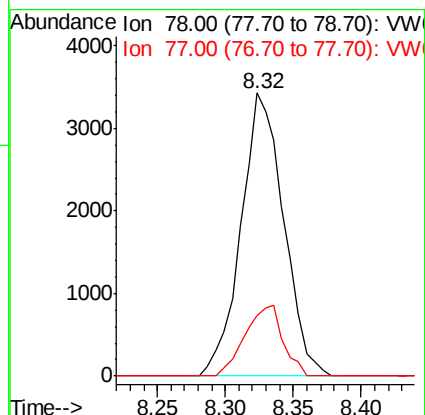
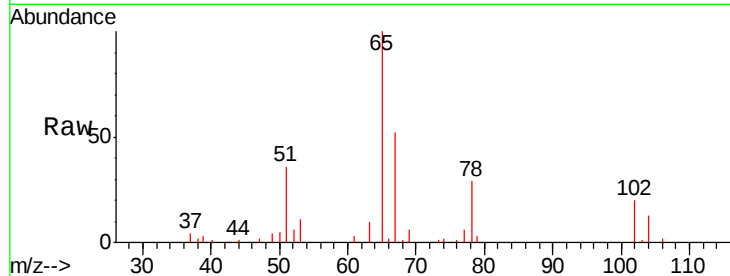
TP-2

Tgt Ion: 78 Resp: 7511

Ion Ratio Lower Upper

78 100

77 21.3 18.9 28.3



#50

Toluene-d8

Concen: 37.760 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007222.D

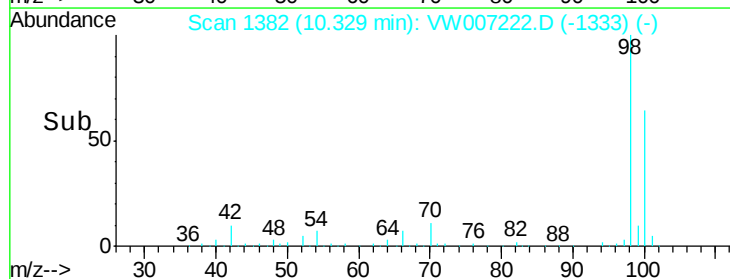
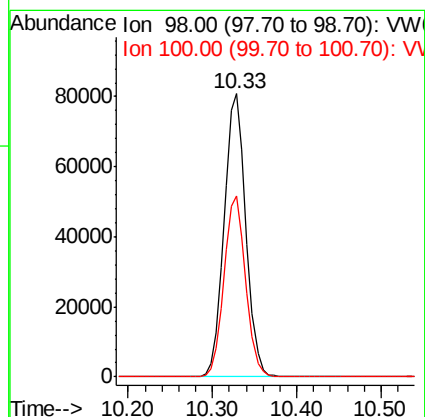
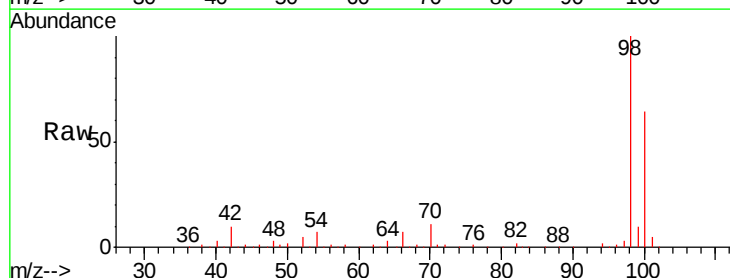
Acq: 05 Dec 2018 08:15

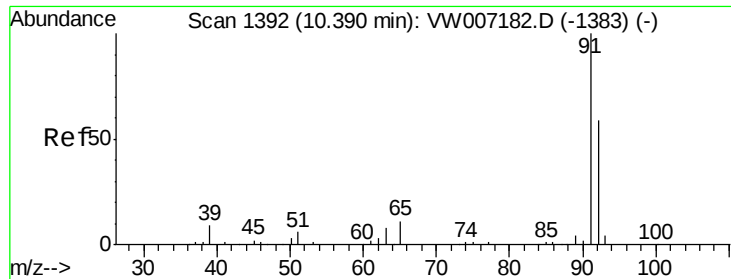
Tgt Ion: 98 Resp: 143273

Ion Ratio Lower Upper

98 100

100 63.5 52.7 79.1





#52

Toluene

Concen: 9.560 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007222.D

Acq: 05 Dec 2018 08:15

Instrument :

MSVOA_W

ClientSampled :

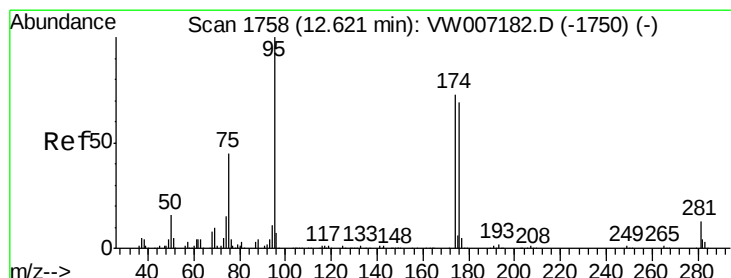
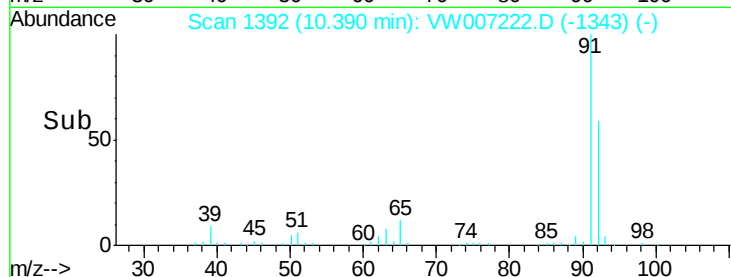
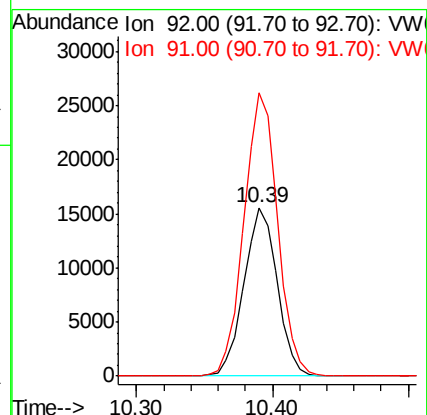
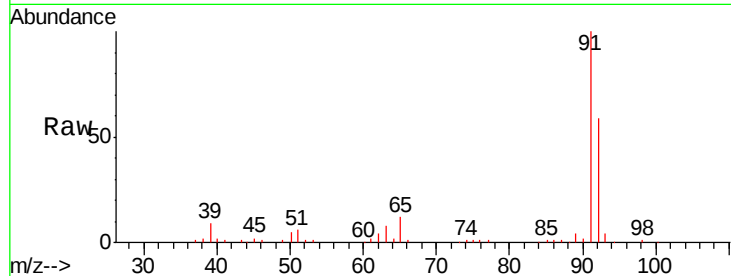
TP-2

Tgt Ion: 92 Resp: 26692

Ion Ratio Lower Upper

92 100

91 170.1 136.0 204.0



#62

4-Bromofluorobenzene

Concen: 24.236 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007222.D

Acq: 05 Dec 2018 08:15

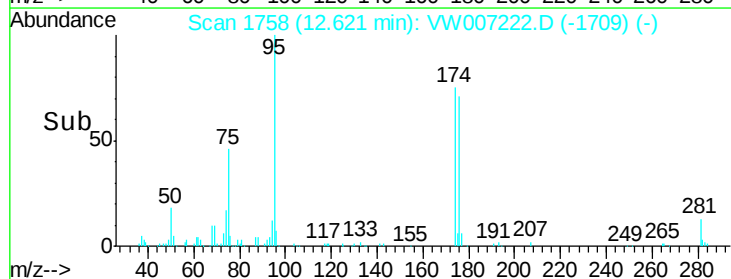
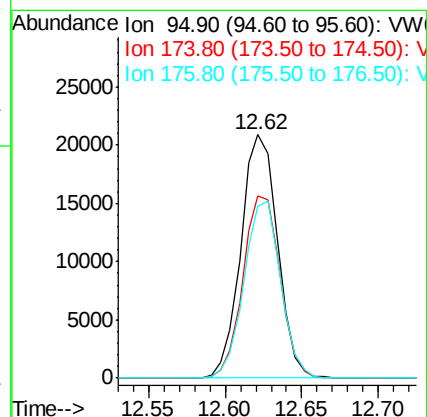
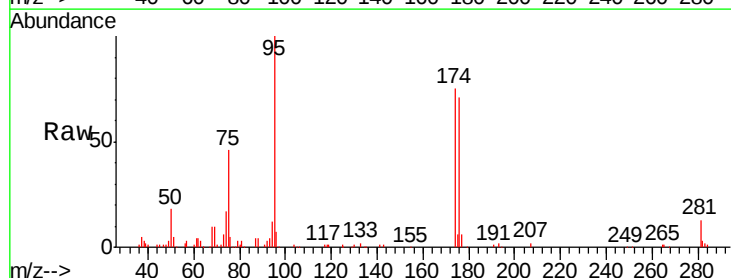
Tgt Ion: 95 Resp: 34710

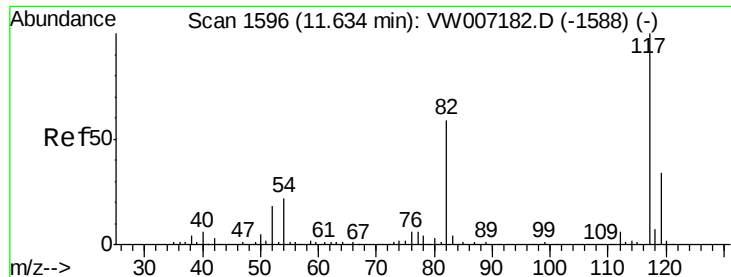
Ion Ratio Lower Upper

95 100

174 76.0 0.0 148.0

176 72.8 0.0 139.4

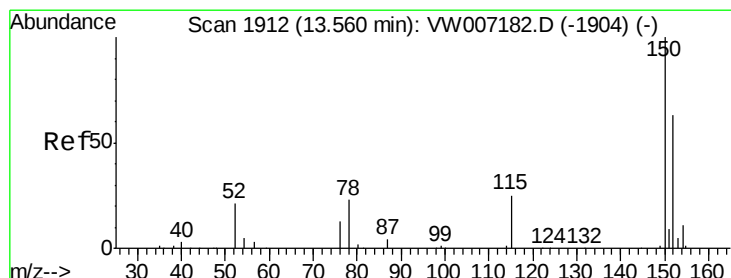
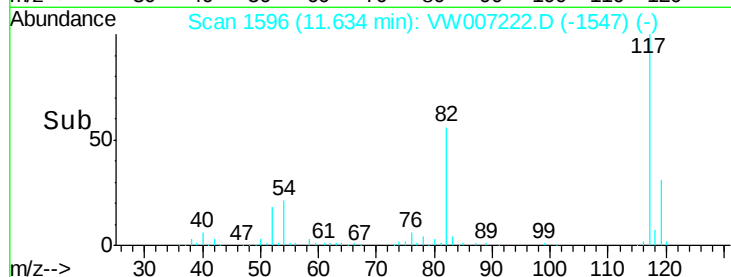
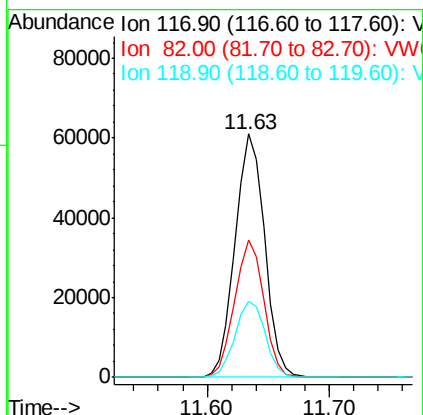
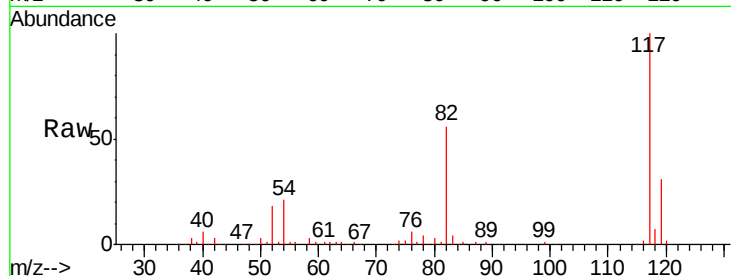




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007222.D
Acq: 05 Dec 2018 08:15

Instrument :
MSVOA_W
ClientSampled :
TP-2

Tgt Ion:117 Resp: 102120
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.3 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007222.D
Acq: 05 Dec 2018 08:15

Tgt Ion:152 Resp: 24926
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 154.6 0.0 358.0

