

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007224.D
 Acq On : 05 Dec 2018 09:06
 Operator : SY/AP
 Sample : J6208-15
 Misc : 6.18G/5ML/MSVOA_W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Dec 05 12:18:10 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

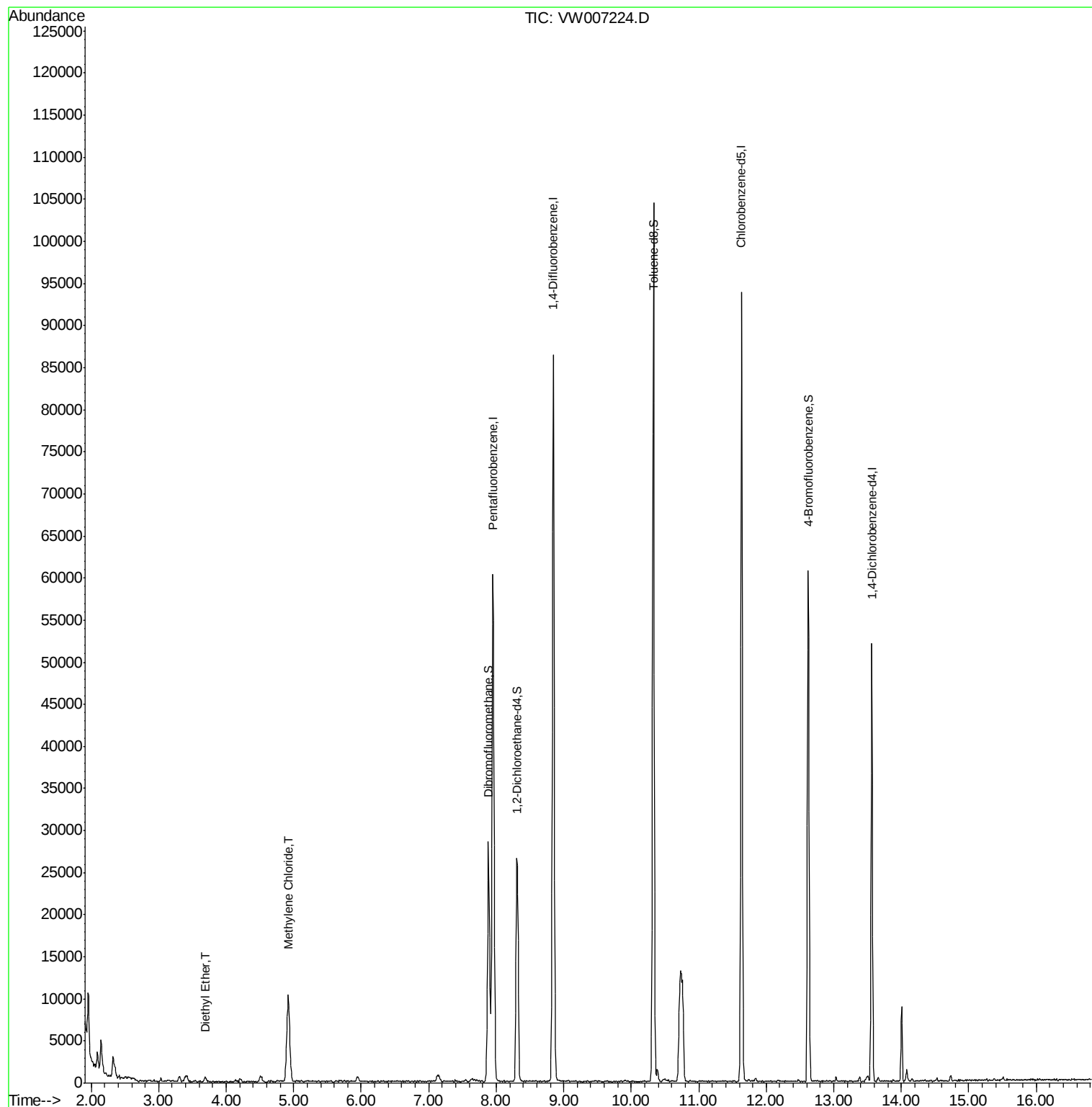
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	45245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	75240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	54415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	22156	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	7.89	113	20964	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	10.33	98	73366	38.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.32%	
62) 4-Bromofluorobenzene	12.62	95	19902	27.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.56%	
Target Compounds						
8) Diethyl Ether	3.68	74	299	1.402	ug/l	84
20) Methylene Chloride	4.92	84	8028	12.024	ug/l	96

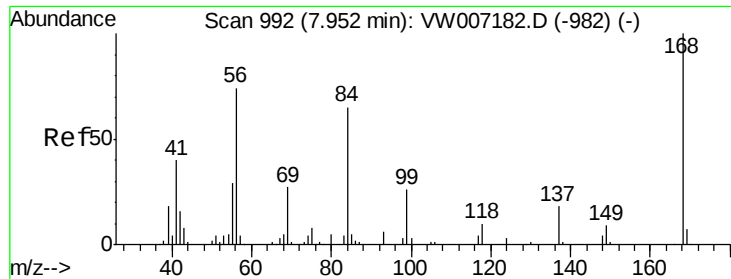
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007224.D

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MSVOA_W

ClientSampleId :

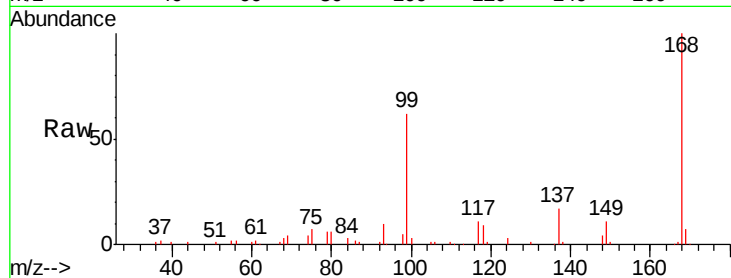
TP-4

Tgt Ion: 168 Resp: 45245

Ion Ratio Lower Upper

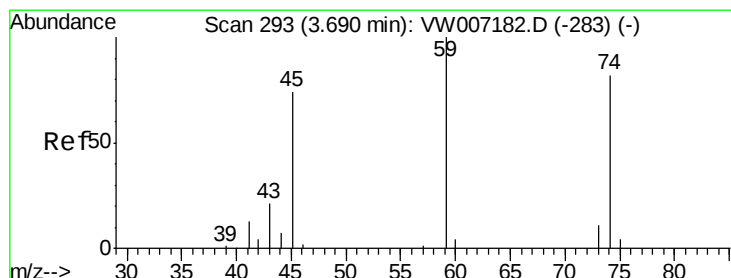
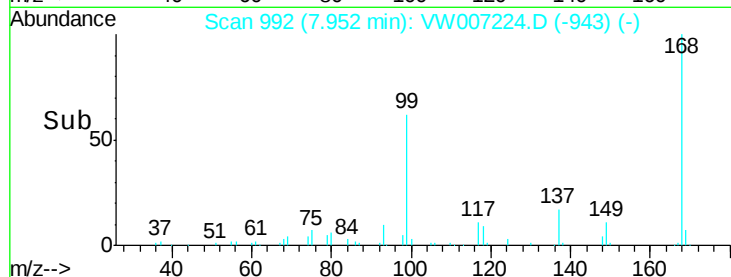
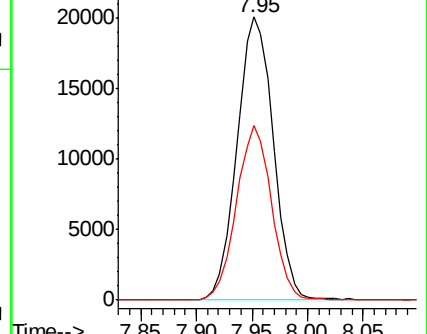
168 100

99 61.8 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: 1.402 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW007224.D

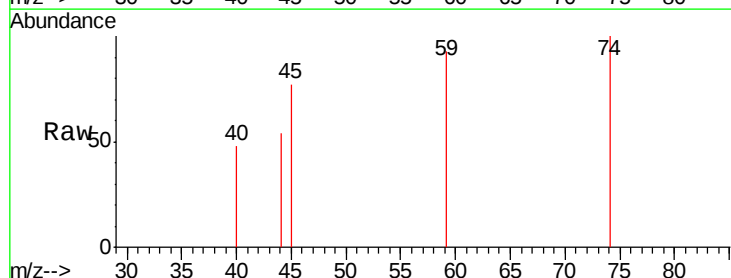
Acq: 05 Dec 2018 09:06

Tgt Ion: 74 Resp: 299

Ion Ratio Lower Upper

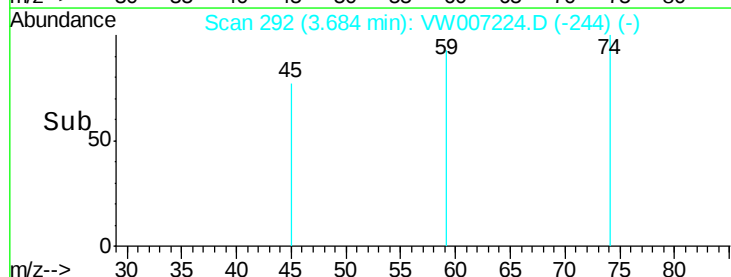
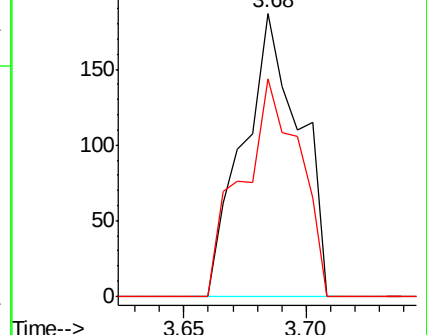
74 100

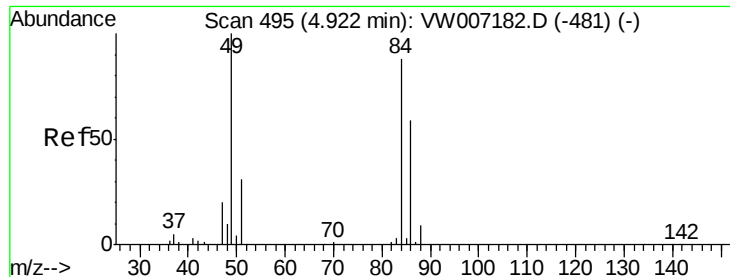
45 78.6 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

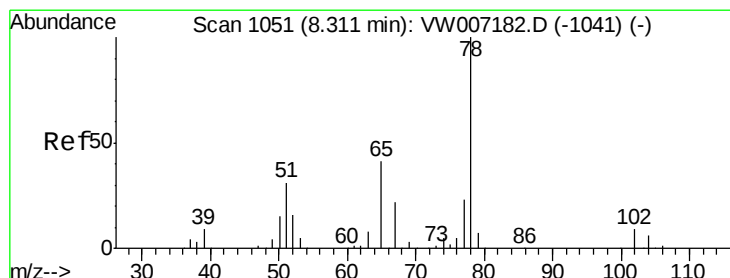
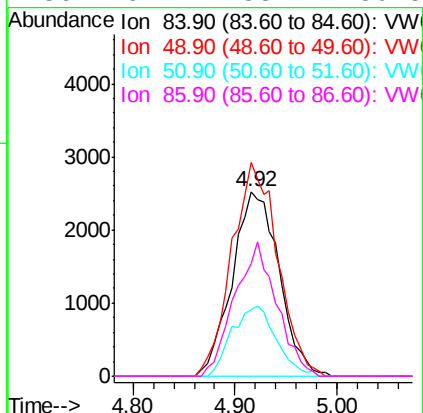
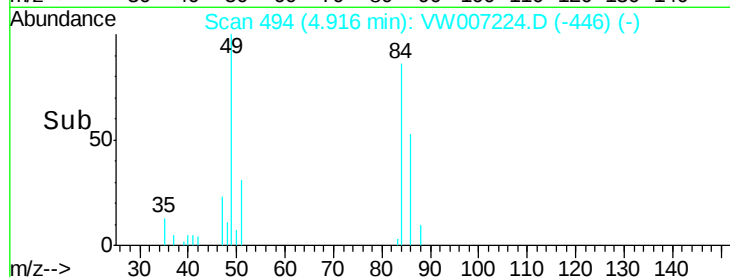
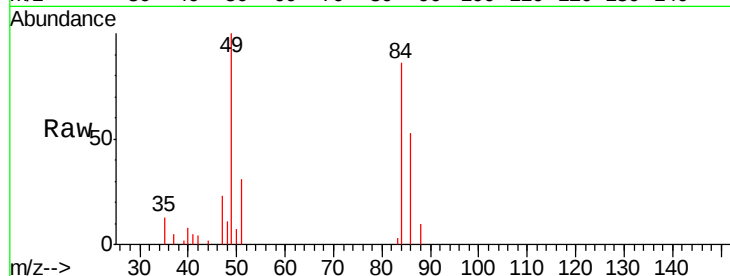




#20
Methylene Chloride
Concen: 12.024 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007224.D
Acq: 05 Dec 2018 09:06

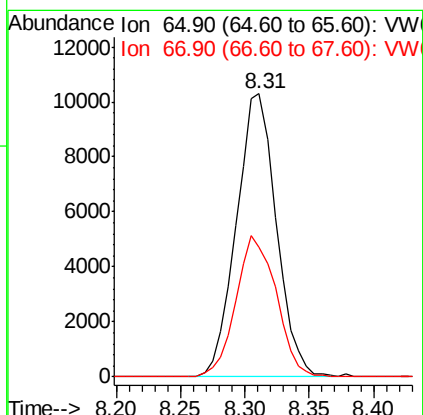
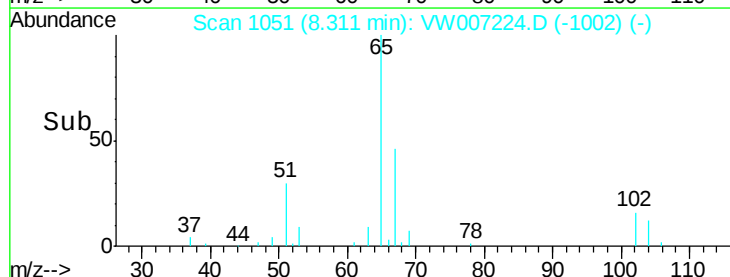
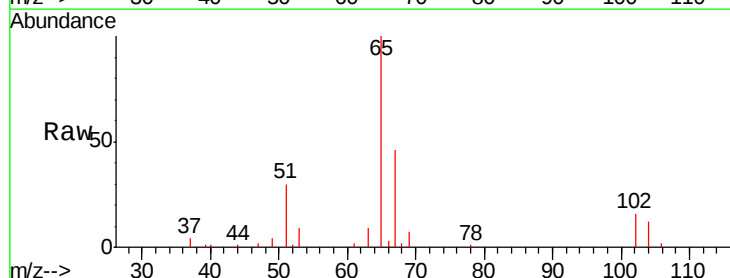
Instrument :
MSVOA_W
ClientSampled :
TP-4

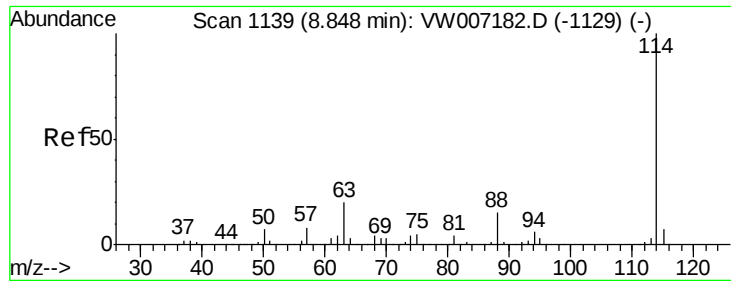
Tgt Ion: 84 Resp: 8028
Ion Ratio Lower Upper
84 100
49 115.8 90.6 135.8
51 36.4 27.6 41.4
86 61.2 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 52.596 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW007224.D
Acq: 05 Dec 2018 09:06

Tgt Ion: 65 Resp: 22156
Ion Ratio Lower Upper
65 100
67 50.3 0.0 106.4

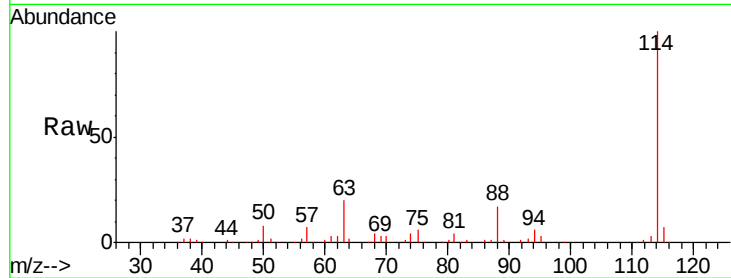




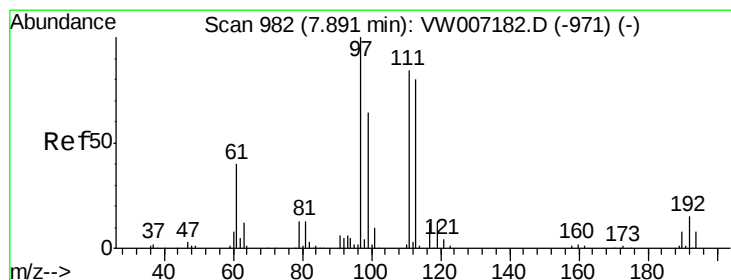
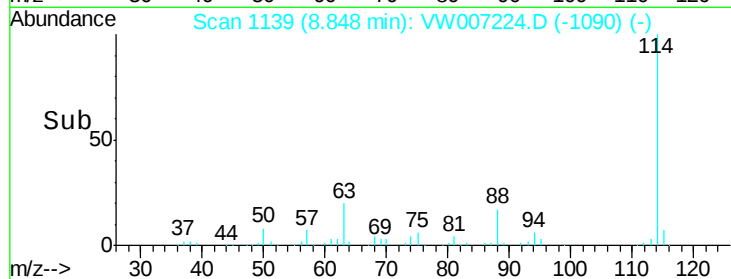
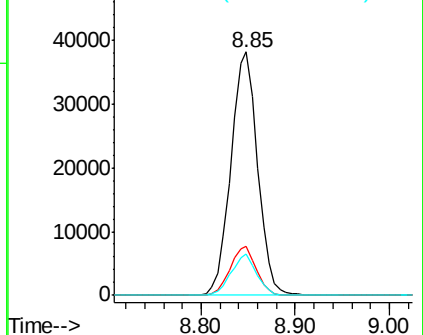
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007224.D
 Acq: 05 Dec 2018 09:06

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Tgt Ion:114 Resp: 75240
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 16.7 0.0 30.0

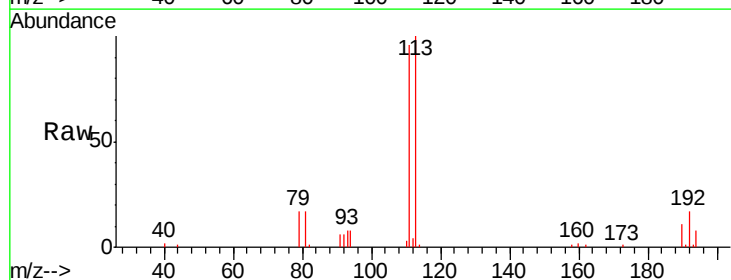


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

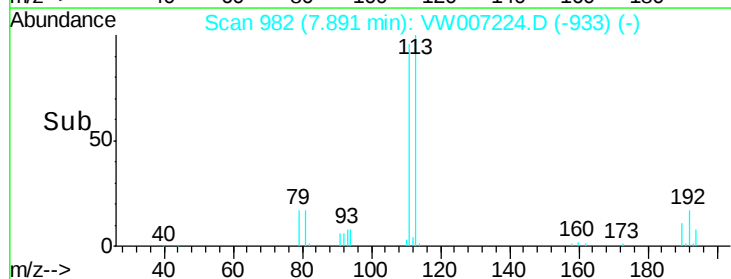
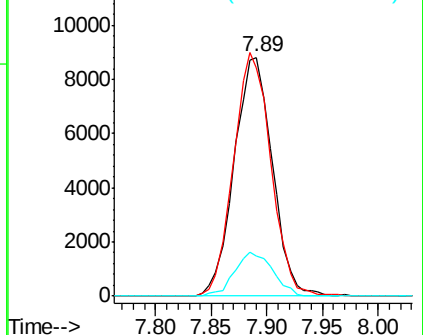


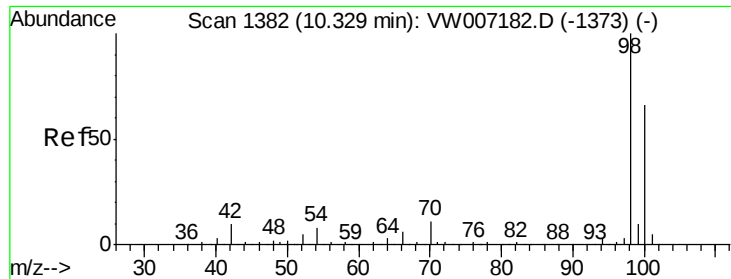
#35
 Dibromofluoromethane
 Concen: 48.660 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007224.D
 Acq: 05 Dec 2018 09:06

Tgt Ion:113 Resp: 20964
 Ion Ratio Lower Upper
 113 100
 111 99.9 82.2 123.4
 192 18.4 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





#50

Toluene-d8

Concen: 38.659 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007224.D

Acq: 05 Dec 2018 09:06

Instrument :

MSVOA_W

ClientSampleId :

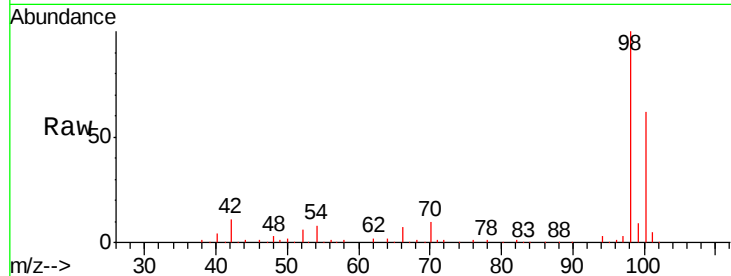
TP-4

Tgt Ion: 98 Resp: 73366

Ion Ratio Lower Upper

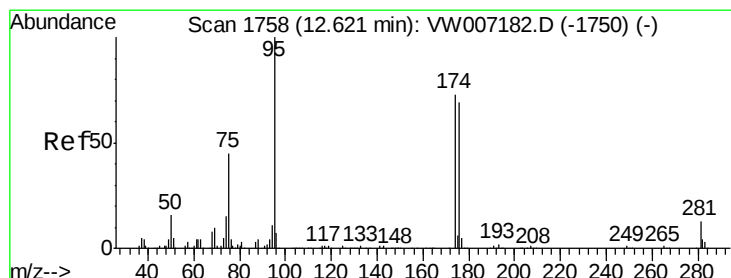
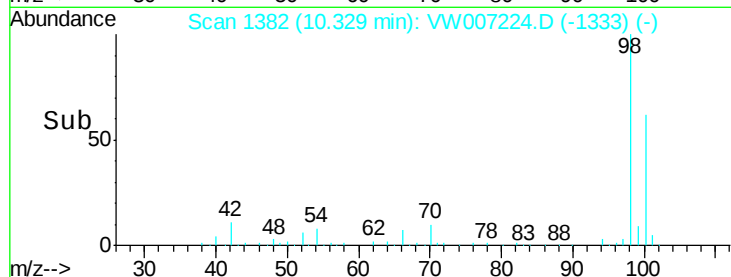
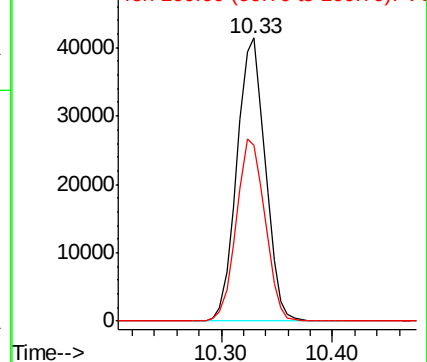
98 100

100 64.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 27.784 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007224.D

Acq: 05 Dec 2018 09:06

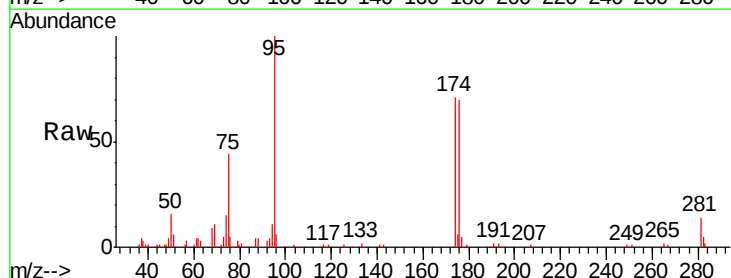
Tgt Ion: 95 Resp: 19902

Ion Ratio Lower Upper

95 100

174 74.4 0.0 148.0

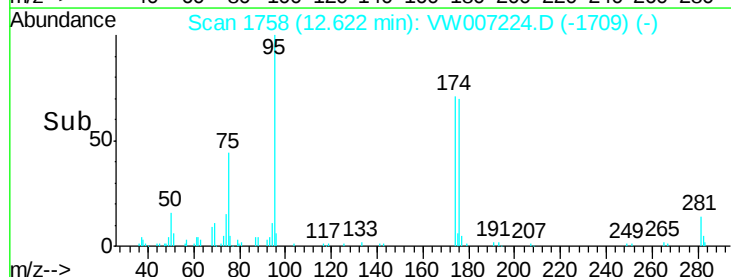
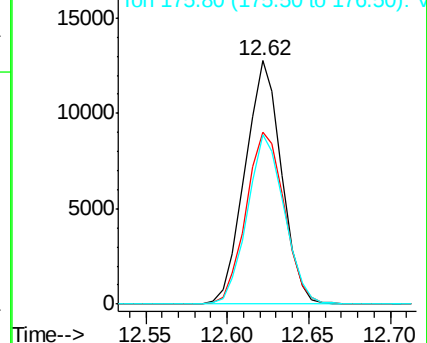
176 70.6 0.0 139.4

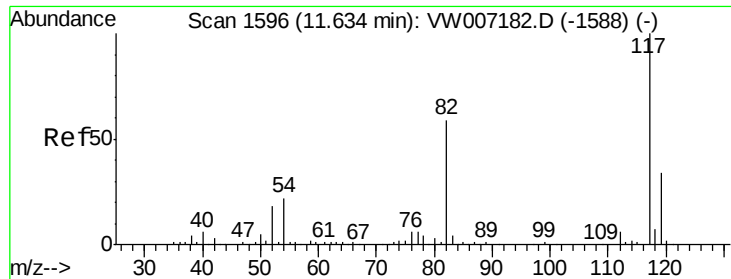


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

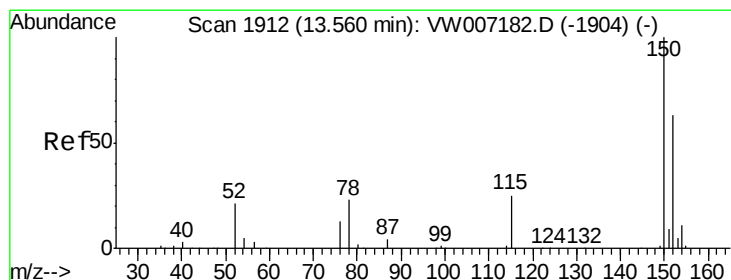
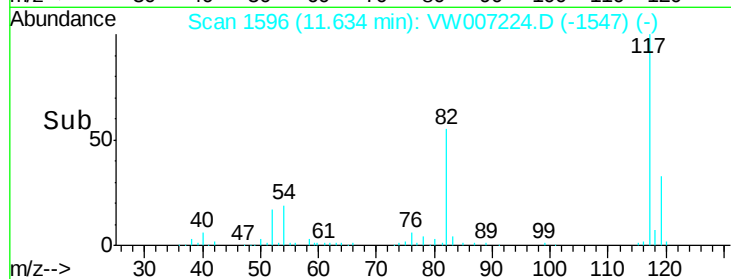
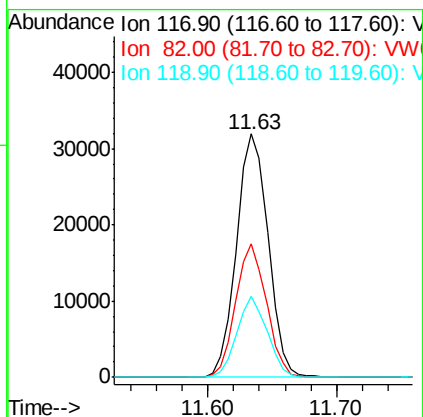
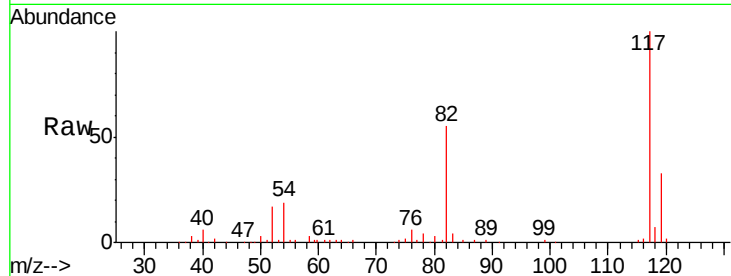




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007224.D
Acq: 05 Dec 2018 09:06

Instrument :
MSVOA_W
ClientSampled :
TP-4

Tgt Ion:117 Resp: 54415
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 33.3 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007224.D
Acq: 05 Dec 2018 09:06

Tgt Ion:152 Resp: 14125
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 153.4 0.0 358.0

