

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004344.D
 Acq On : 30 Jul 2018 06:18
 Operator : SY/AP
 Sample : J4189-19
 Misc : 6.53G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-14-D

Quant Time: Jul 30 07:21:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

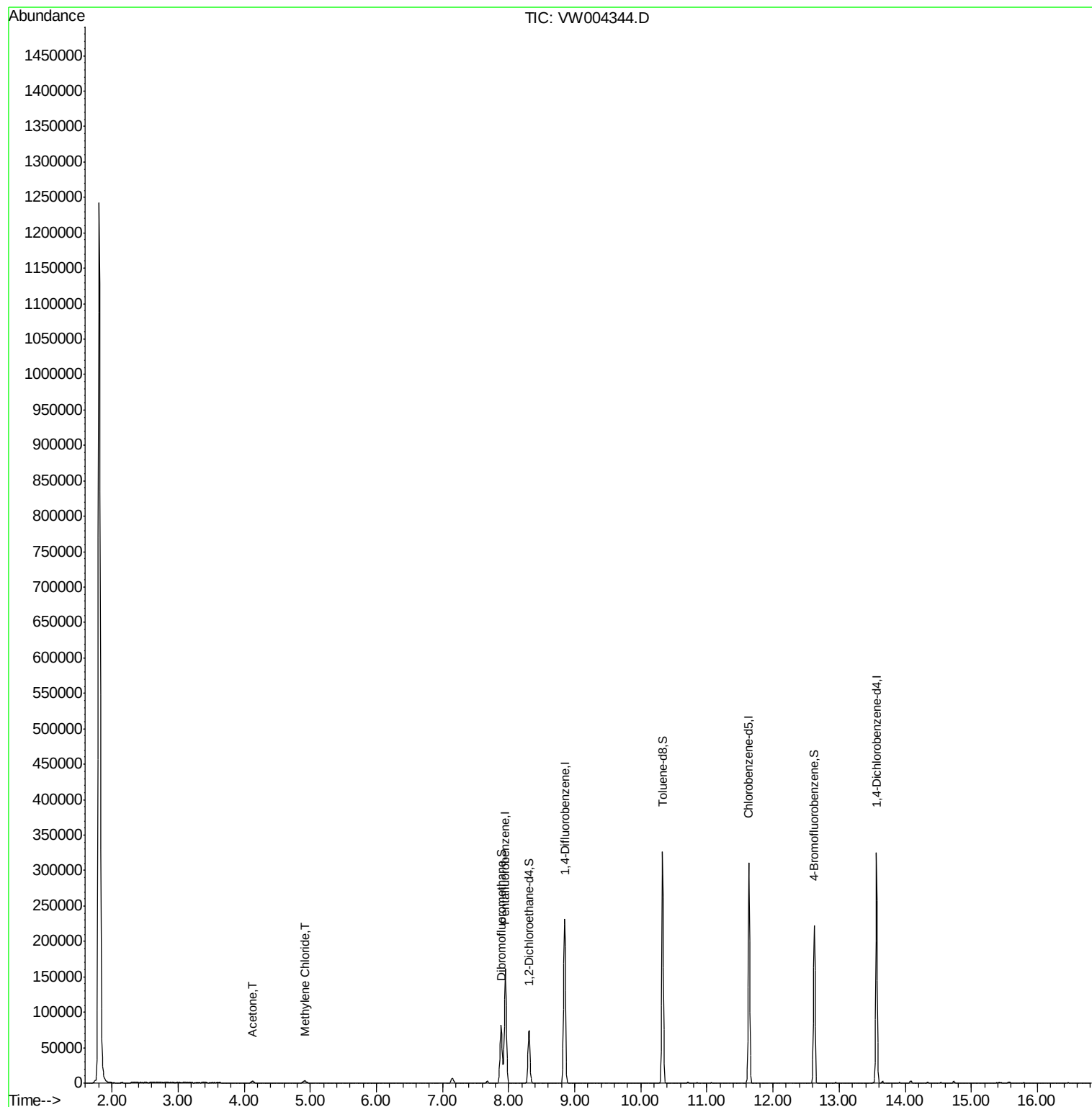
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	127368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	202666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	187097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	90267	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	63801	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	7.88	113	60040	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	10.33	98	222141	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	
62) 4-Bromofluorobenzene	12.63	95	72833	40.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.74%	
Target Compounds						
16) Acetone	4.12	43	5034	28.05	ug/l	92
20) Methylene Chloride	4.92	84	3271	1.15	ug/l #	76

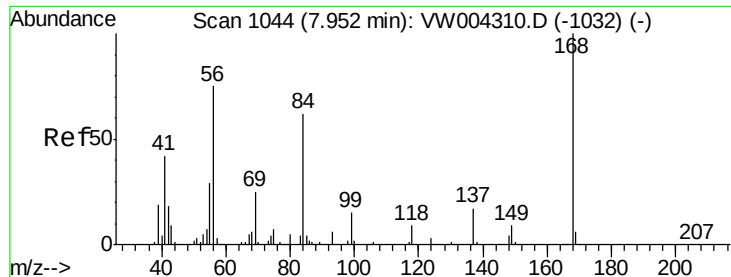
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004344.D

Acq: 30 Jul 2018 06:18

Instrument :

MSVOA_W

ClientSampleId :

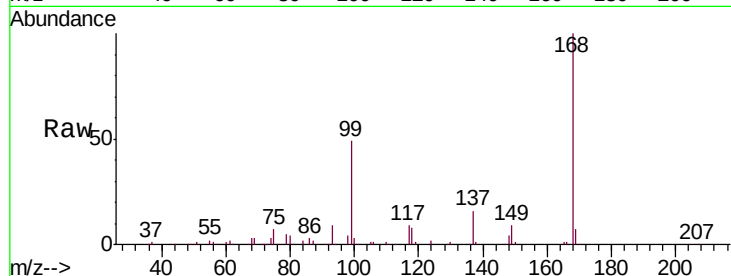
TP-14-D

Tot Ion:168 Resp: 127368

Ion Ratio Lower Upper

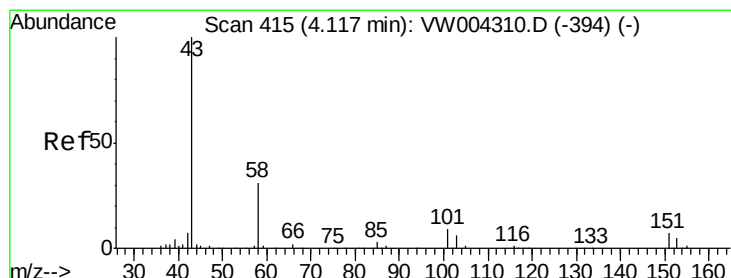
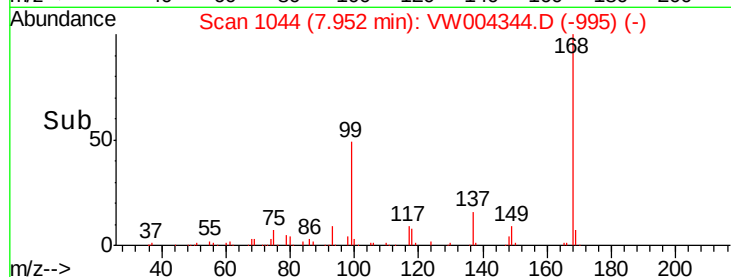
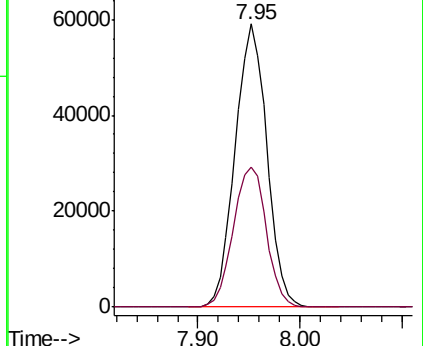
168 100

99 49.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 28.05 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004344.D

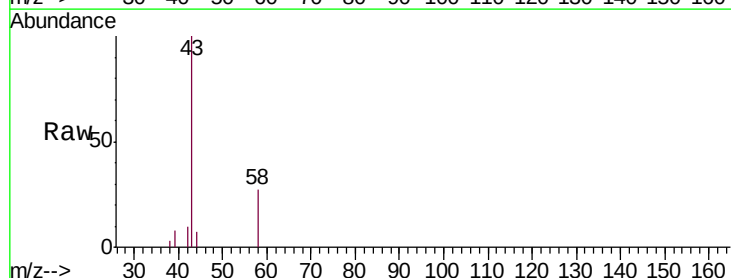
Acq: 30 Jul 2018 06:18

Tgt Ion: 43 Resp: 5034

Ion Ratio Lower Upper

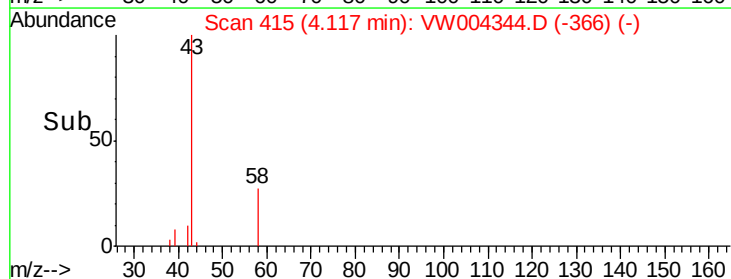
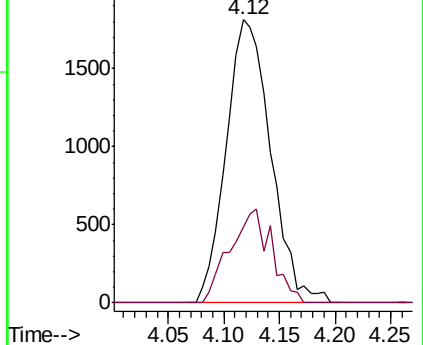
43 100

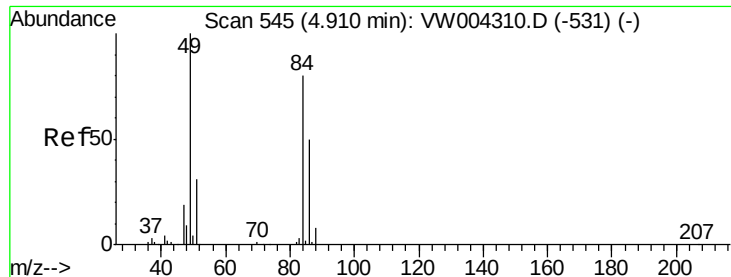
58 26.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 1.15 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004344.D

Acq: 30 Jul 2018 06:18

Instrument :

MSVOA_W

ClientSampled :

TP-14-D

Tot Ion: 84 Resp: 3271

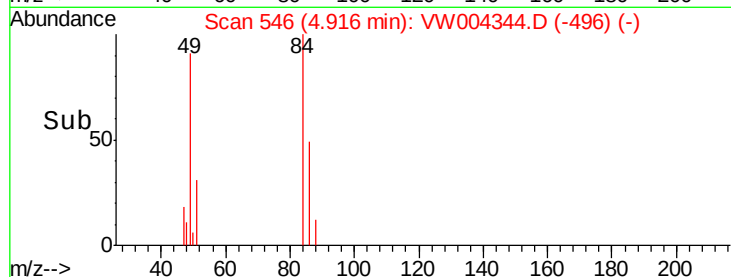
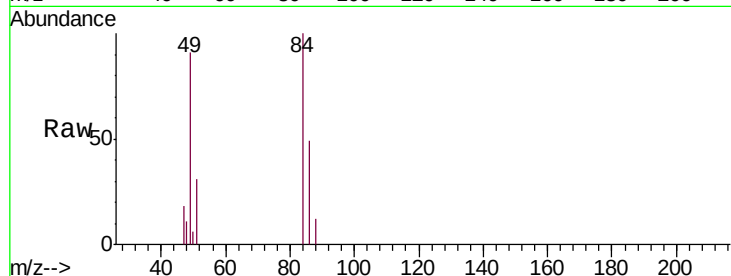
Ion Ratio Lower Upper

84 100

49 90.8 100.5 150.7#

51 30.8 30.9 46.3#

86 48.8 50.2 75.4#

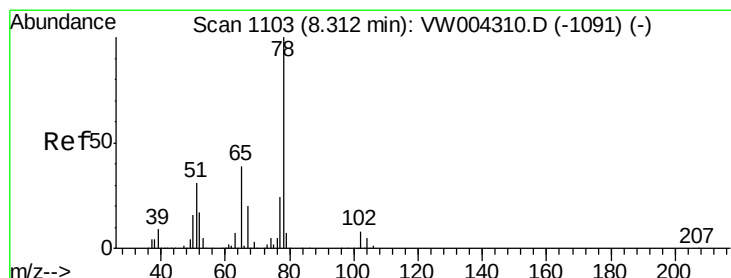
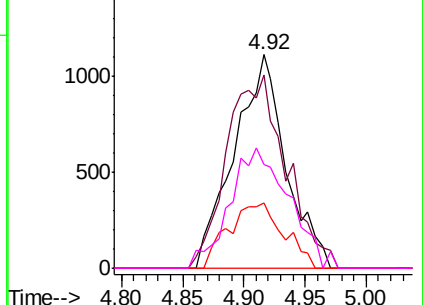


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 49.66 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004344.D

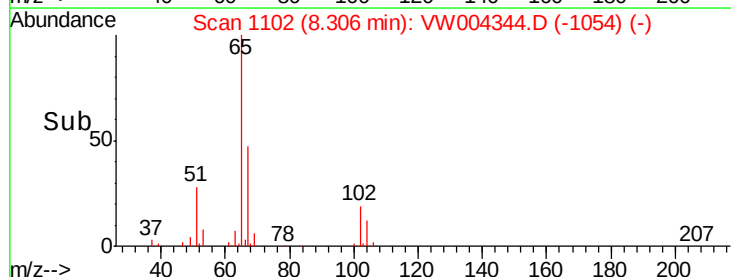
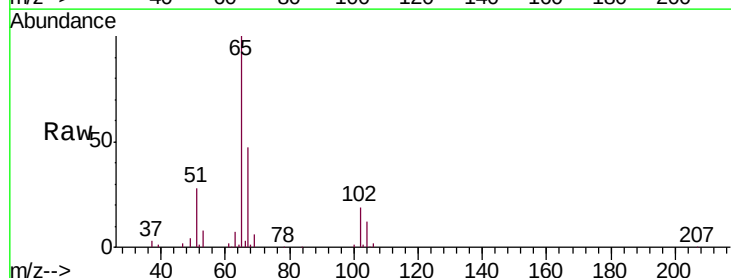
Acq: 30 Jul 2018 06:18

Tgt Ion: 65 Resp: 63801

Ion Ratio Lower Upper

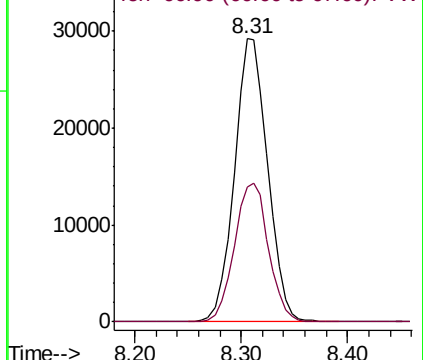
65 100

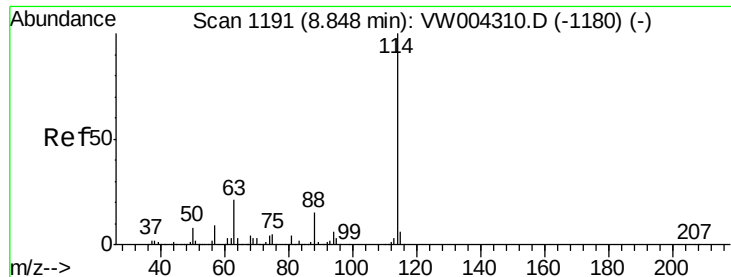
67 50.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

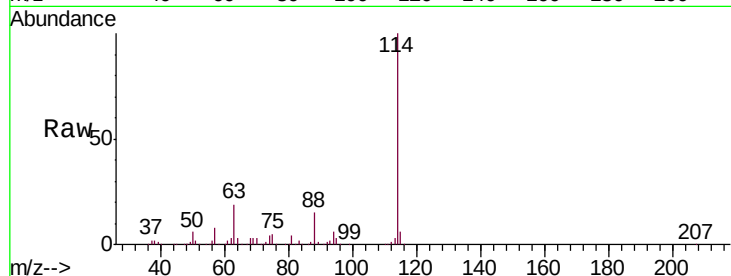




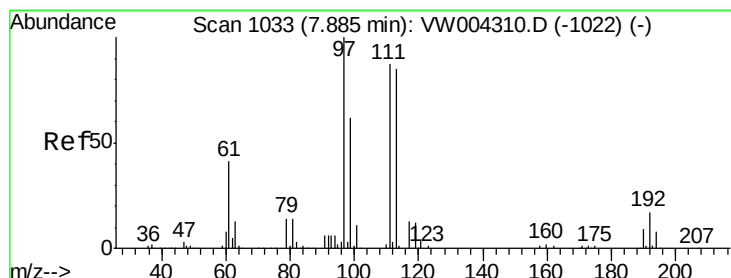
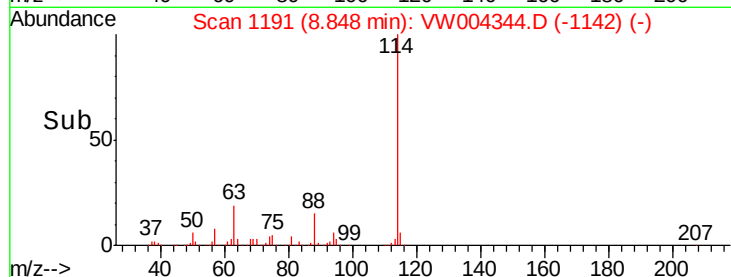
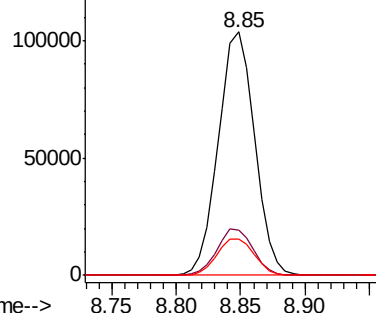
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004344.D
 Acq: 30 Jul 2018 06:18

Instrument :
 MSVOA_W
 ClientSampled :
 TP-14-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	41.4
88	15.0	0.0	30.6

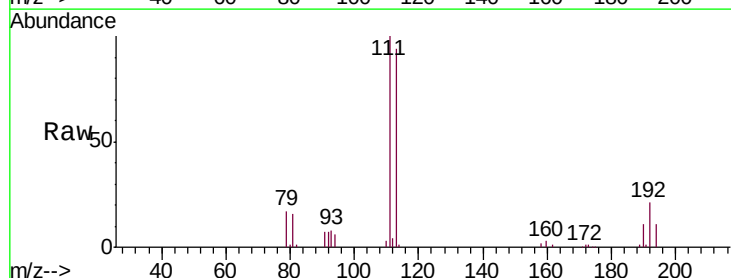


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

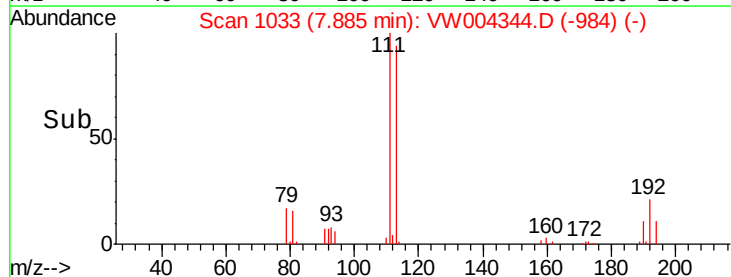
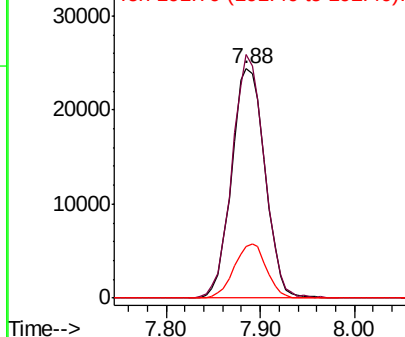


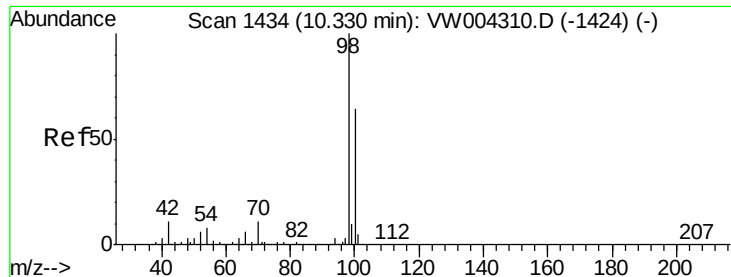
#35
 Dibromofluoromethane
 Concen: 46.88 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004344.D
 Acq: 30 Jul 2018 06:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.1	123.1
192	22.8	16.2	24.4



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: 43.89 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004344.D

Acq: 30 Jul 2018 06:18

Instrument :

MSVOA_W

ClientSampleId :

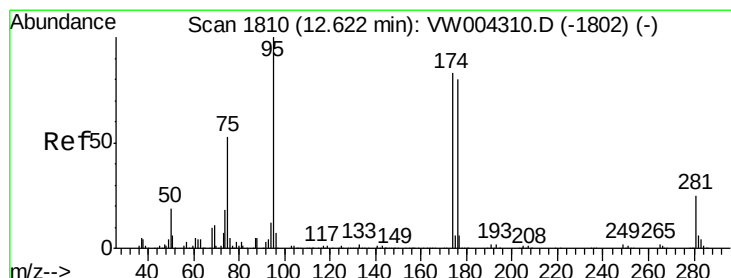
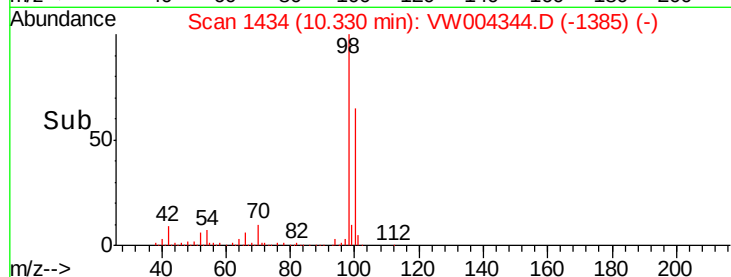
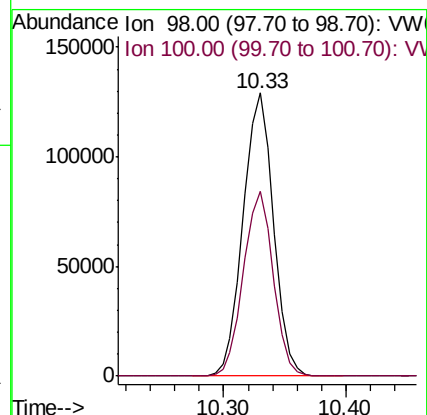
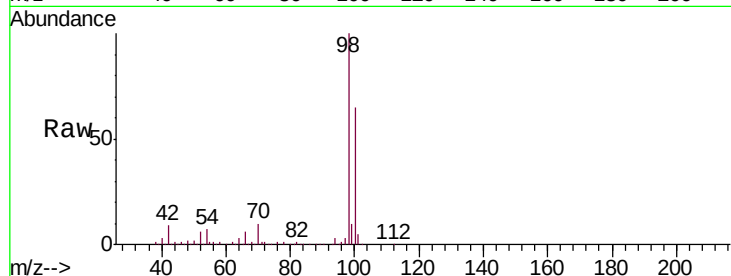
TP-14-D

Tot Ion: 98 Resp: 222141

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 40.87 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004344.D

Acq: 30 Jul 2018 06:18

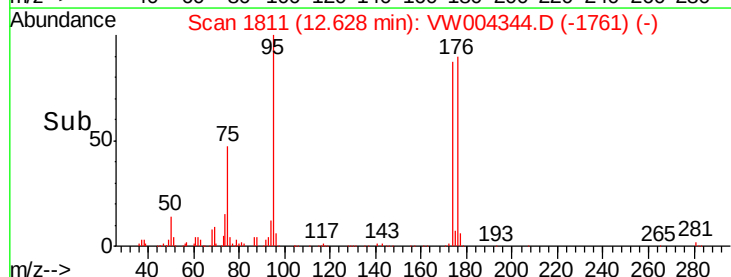
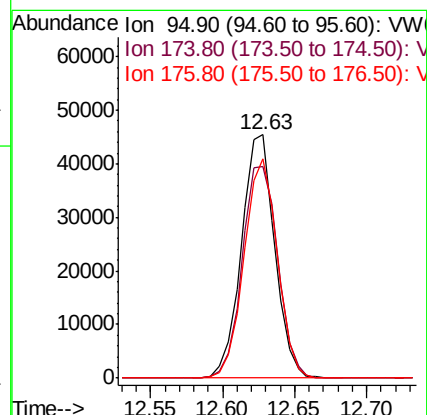
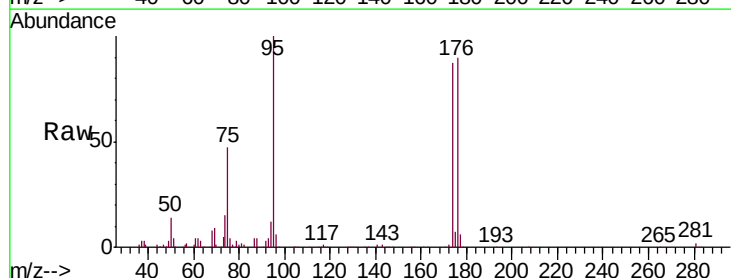
Tgt Ion: 95 Resp: 72833

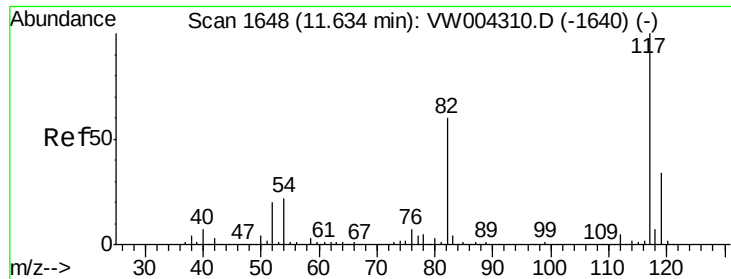
Ion Ratio Lower Upper

95 100

174 92.7 0.0 167.8

176 89.5 0.0 162.4

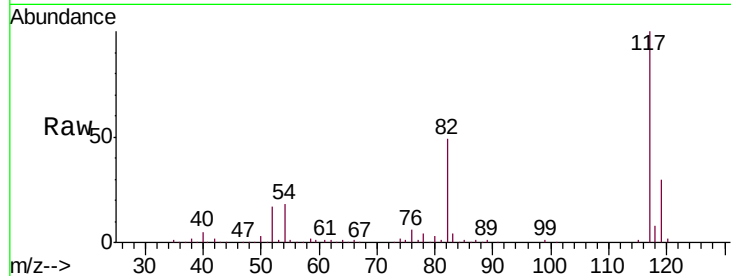




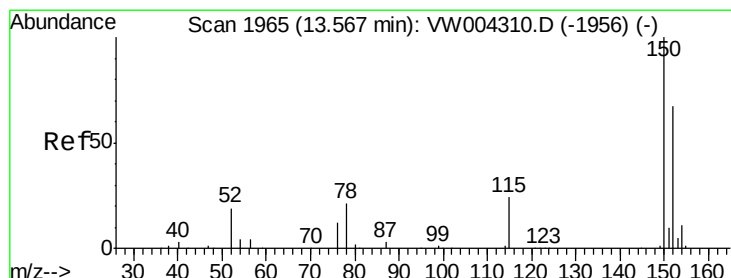
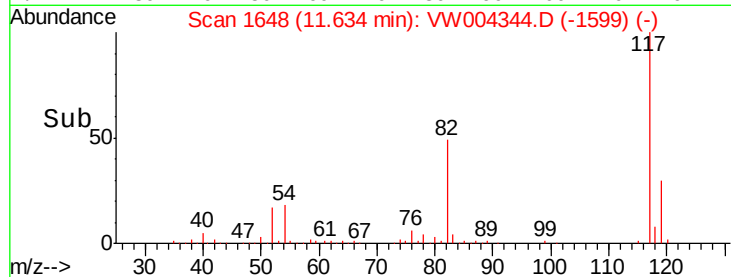
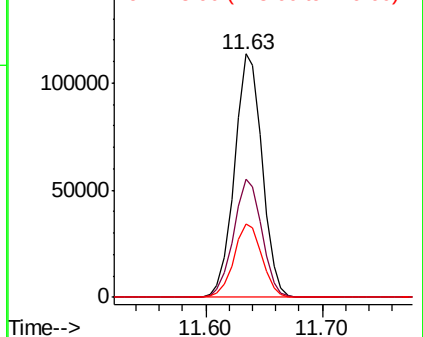
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004344.D
Acq: 30 Jul 2018 06:18

Instrument :
MSVOA_W
ClientSampled :
TP-14-D

Tot Ion:117 Resp: 187097
Ion Ratio Lower Upper
117 100
82 48.5 47.9 71.9
119 30.4 27.1 40.7

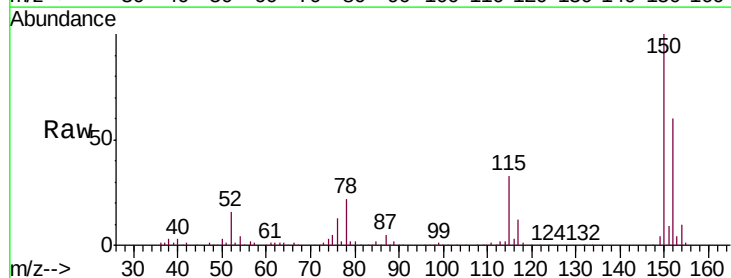


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004344.D
Acq: 30 Jul 2018 06:18

Tgt Ion:152 Resp: 90267
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.4
150 163.4 0.0 346.4



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

