

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004764.D
 Acq On : 18 Aug 2018 06:56
 Operator : SY/AP
 Sample : J4500-05
 Misc : 6.13G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Quant Time: Aug 20 01:12:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	592695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1055688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	962075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	392385	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	340417	59.41	ug/l	0.00
Spiked Amount			Recovery	=	118.82%	
35) Dibromofluoromethane	7.95	113	1193	0.18	ug/l	0.07
Spiked Amount			Recovery	=	0.36%	
50) Toluene-d8	10.33	98	1208545	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	
62) 4-Bromofluorobenzene	12.62	95	366204	38.65	ug/l	0.00
Spiked Amount			Recovery	=	77.30%	

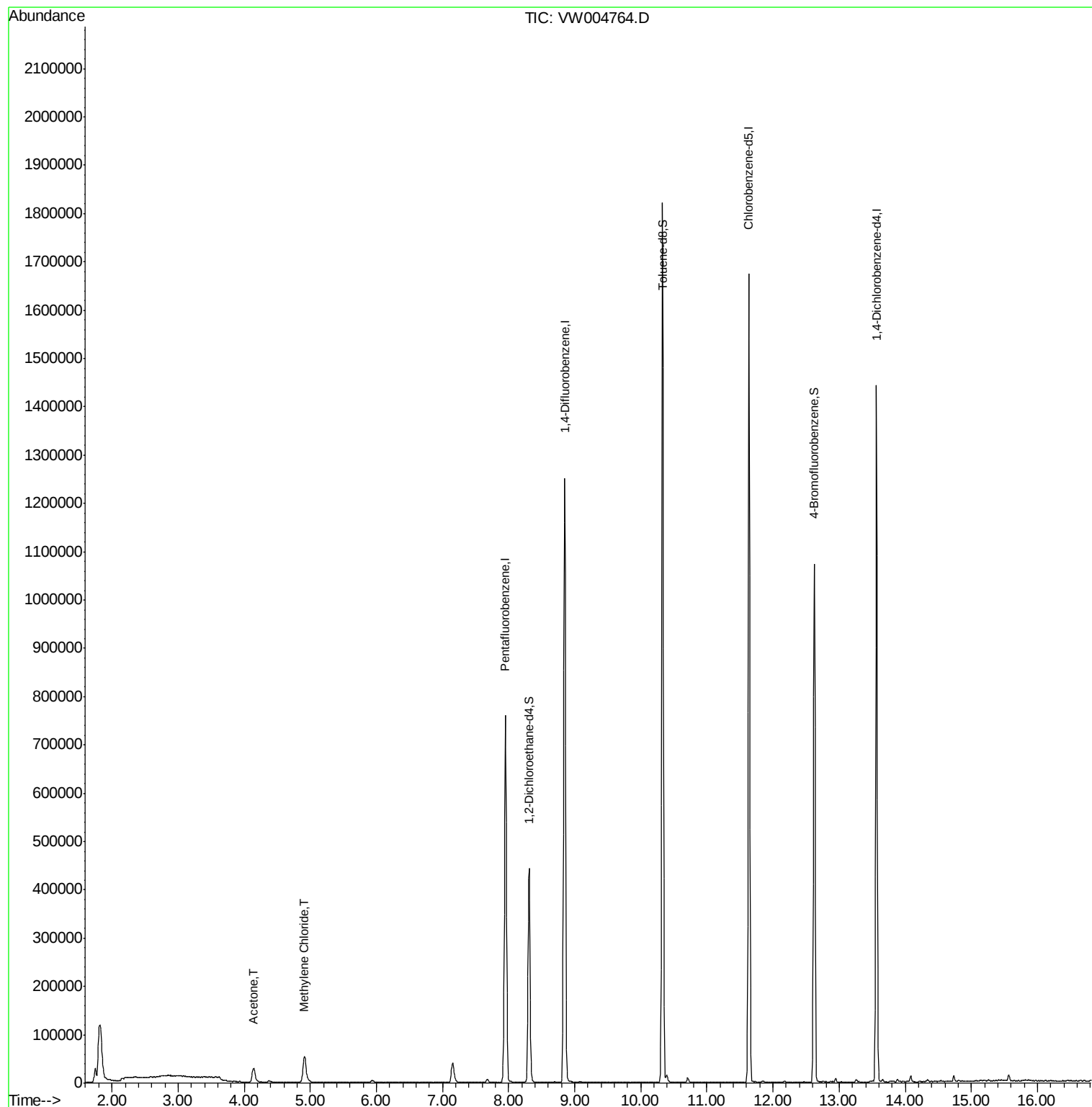
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	57181	39.09	ug/l	95
20) Methylene Chloride	4.91	84	47859	3.12	ug/l	96

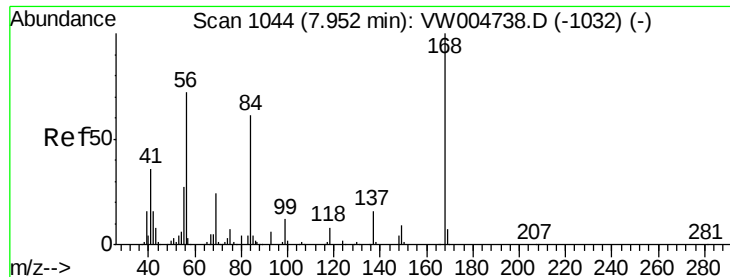
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004764.D

Acq: 18 Aug 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

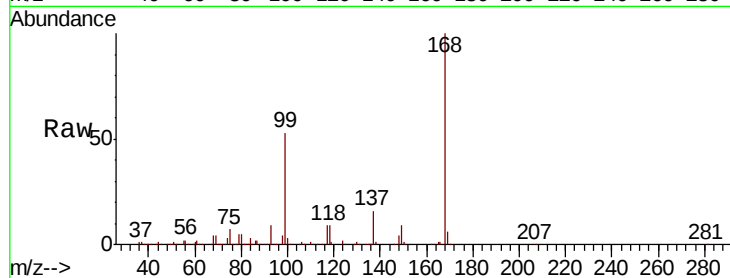
TP-2

Tot Ion:168 Resp: 592695

Ion Ratio Lower Upper

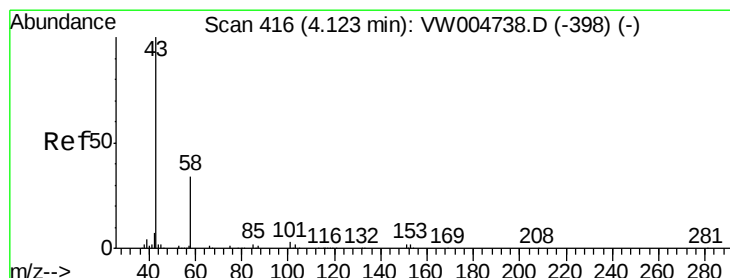
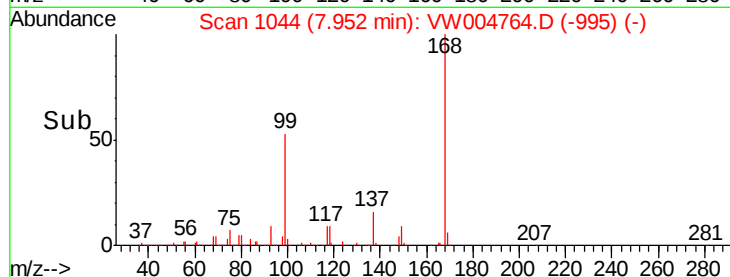
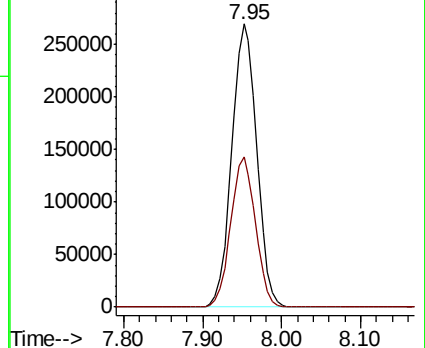
168 100

99 52.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 39.09 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004764.D

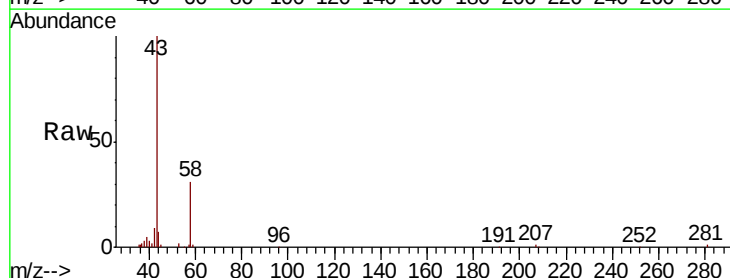
Acq: 18 Aug 2018 06:56

Tgt Ion: 43 Resp: 57181

Ion Ratio Lower Upper

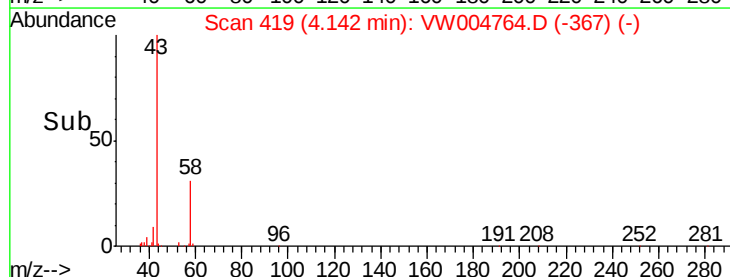
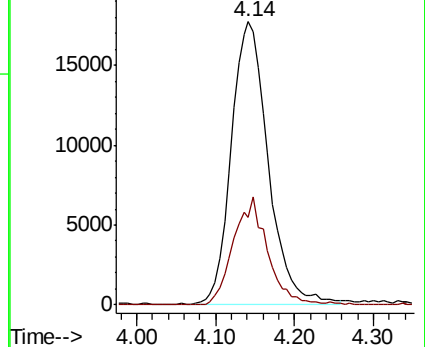
43 100

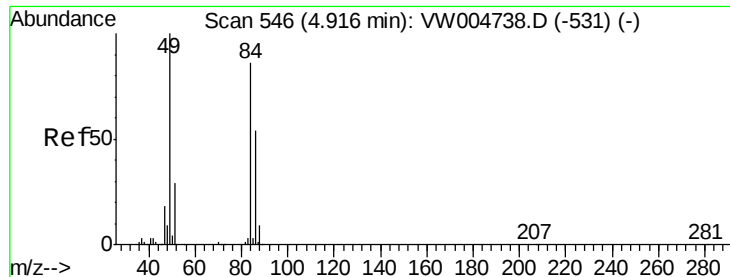
58 31.2 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

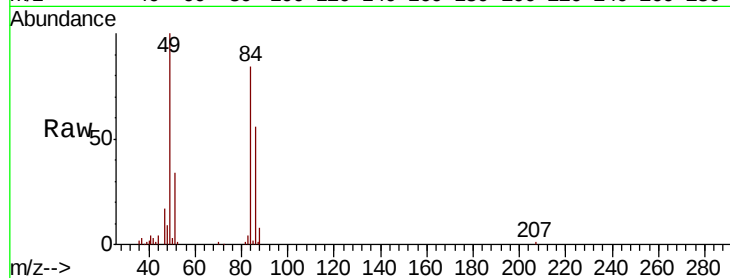




#20
Methvlene Chloride
Concen: 3.12 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004764.D
Acq: 18 Aug 2018 06:56

Instrument :
MSVOA_W
ClientSampled :
TP-2

Tot Ion:	84	Resp:	47859
Ion	Ratio	Lower	Upper
84	100		
49	119.4	93.2	139.8
51	40.2	27.4	41.0
86	66.3	50.6	75.8



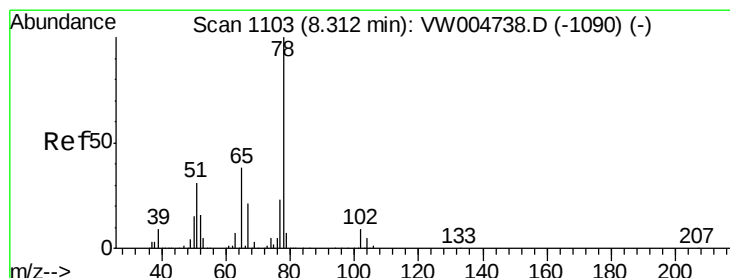
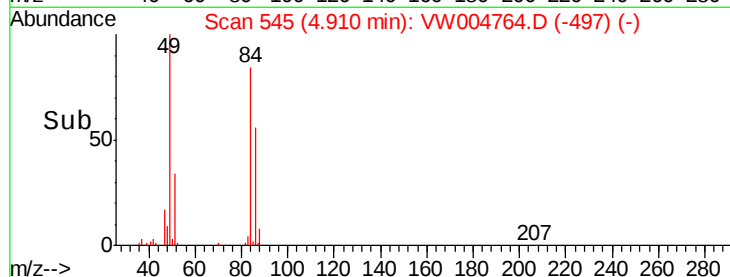
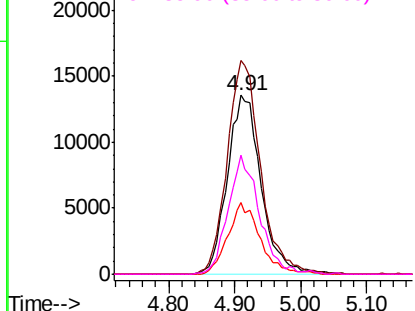
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

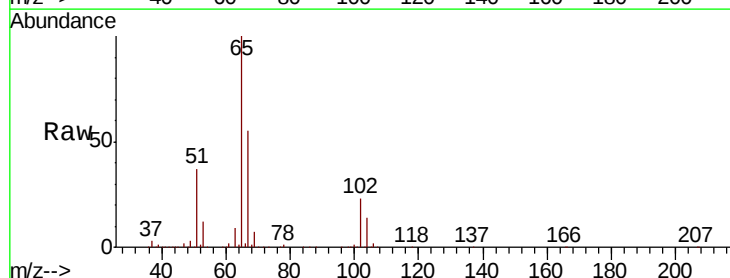
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33
1,2-Dichloroethane-d4
Concen: 59.41 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004764.D
Acq: 18 Aug 2018 06:56

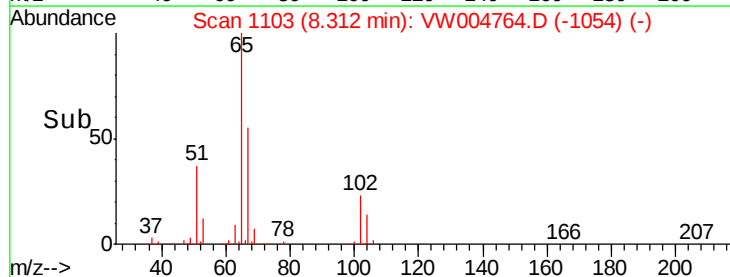
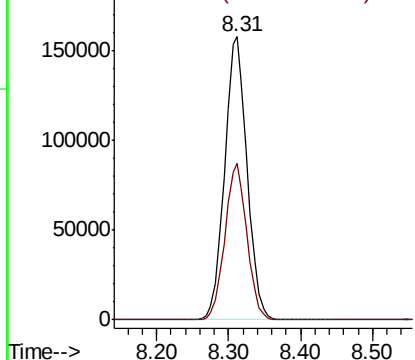
Tgt Ion:	65	Resp:	340417
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.4

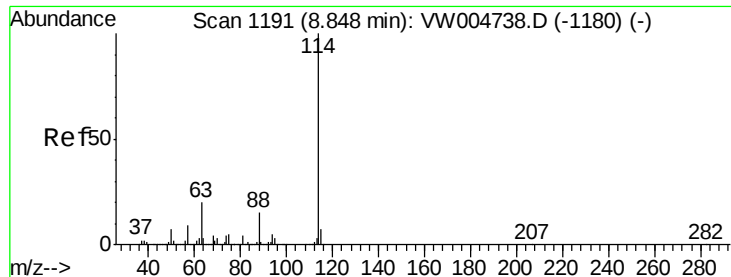


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

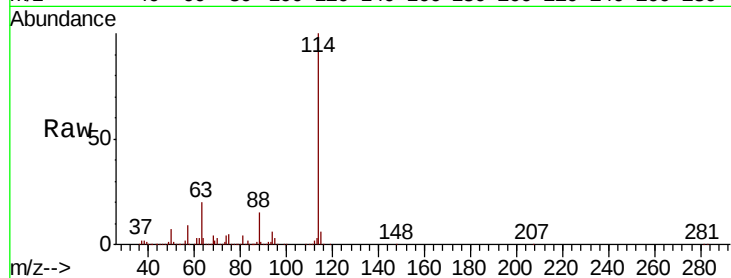




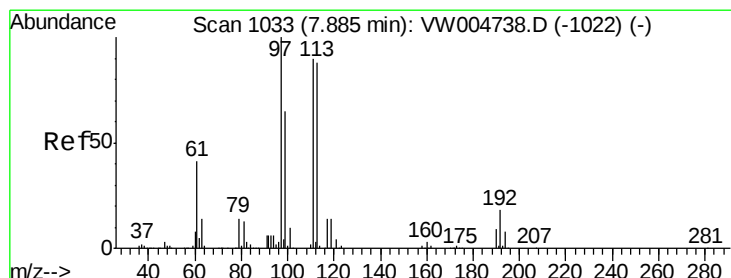
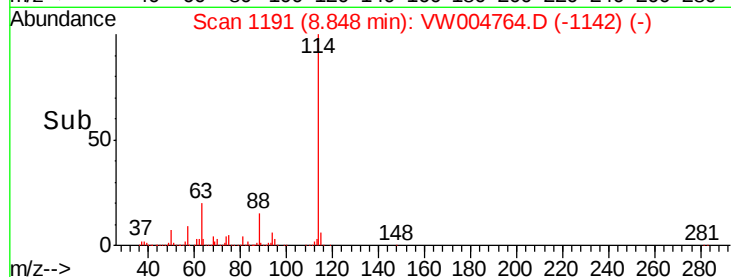
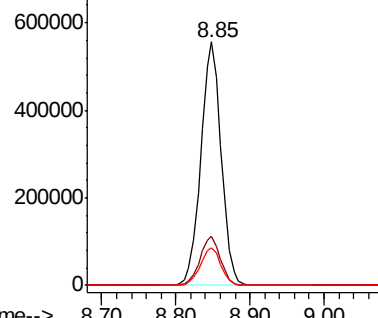
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004764.D
 Acq: 18 Aug 2018 06:56

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Tot Ion:114 Resp: 1055688
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.2 0.0 30.0

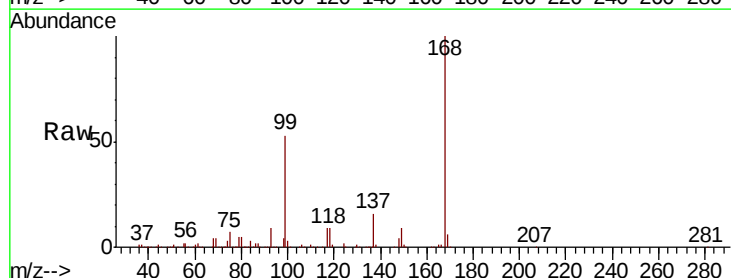


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

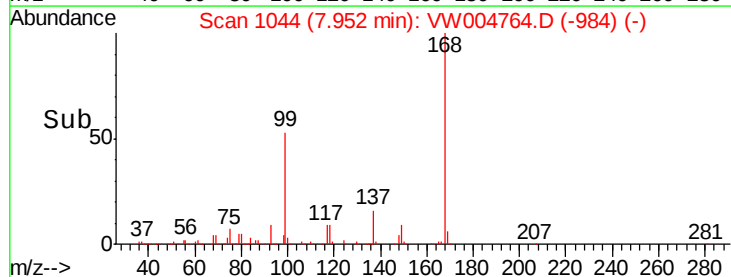
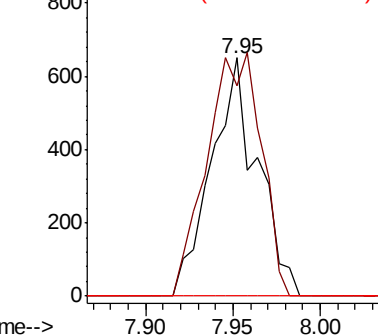


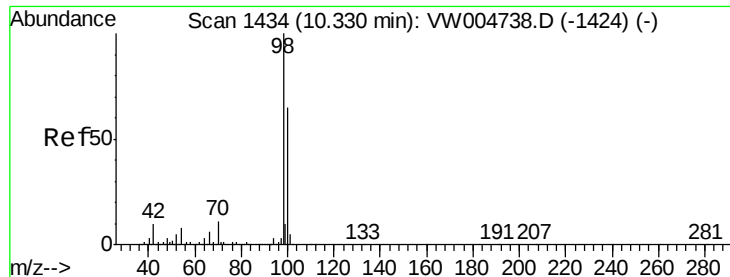
#35
 Dibromofluoromethane
 Concen: 0.18 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. 0.07 min
 Lab File: VW004764.D
 Acq: 18 Aug 2018 06:56

Tgt Ion:113 Resp: 1193
 Ion Ratio Lower Upper
 113 100
 111 119.9 82.4 123.6
 192 0.0 16.7 25.1#



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: 45.89 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004764.D

Acq: 18 Aug 2018 06:56

Instrument :

MSVOA_W

ClientSampleId :

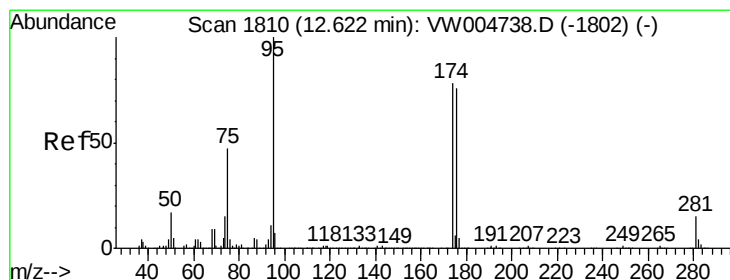
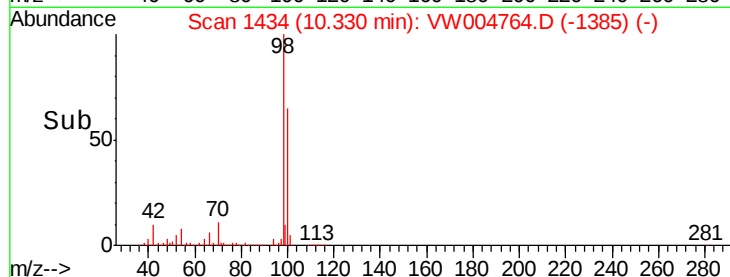
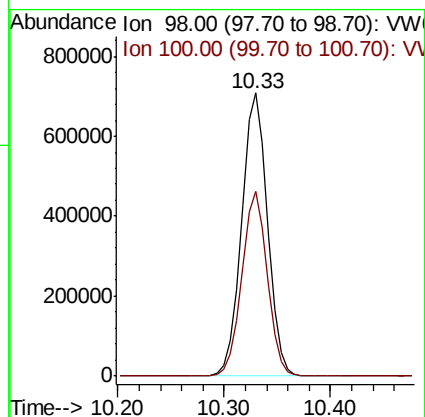
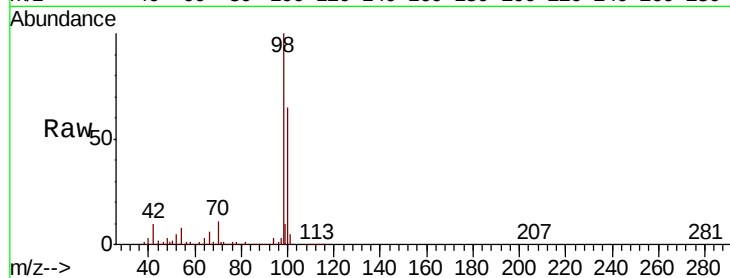
TP-2

Tot Ion: 98 Resp: 1208545

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 38.65 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004764.D

Acq: 18 Aug 2018 06:56

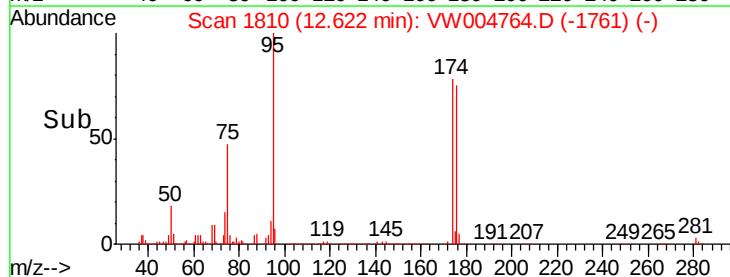
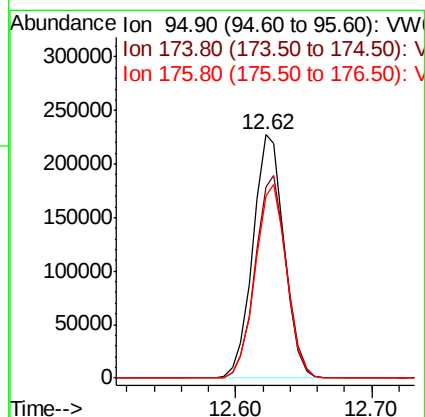
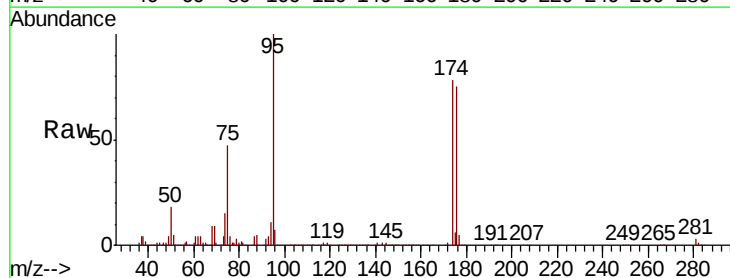
Tgt Ion: 95 Resp: 366204

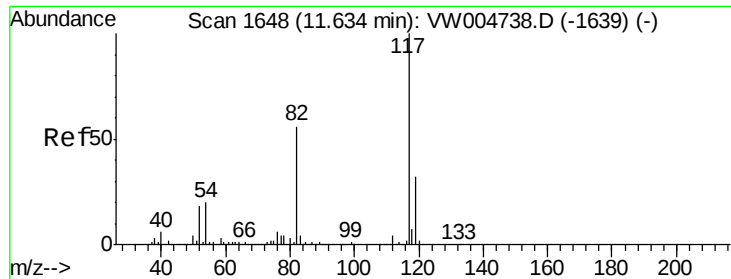
Ion Ratio Lower Upper

95 100

174 83.4 0.0 165.8

176 79.8 0.0 159.8

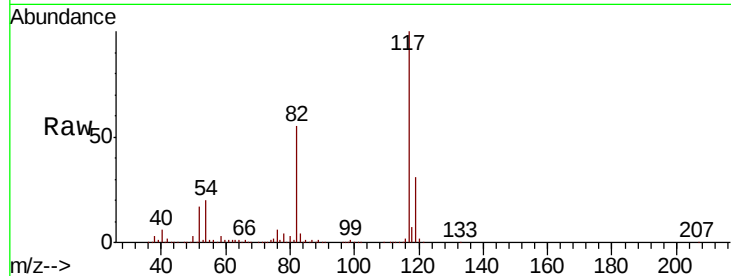




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004764.D
Acq: 18 Aug 2018 06:56

Instrument :
MSVOA_W
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	67.0
119	31.2	25.6	38.4

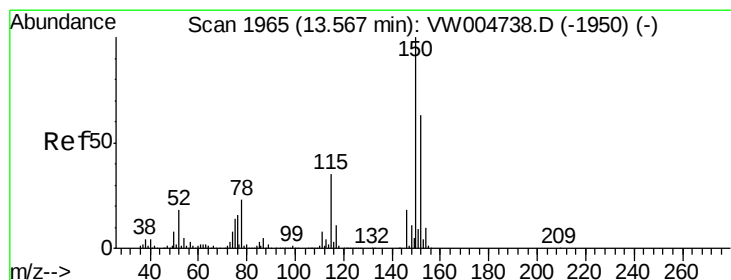
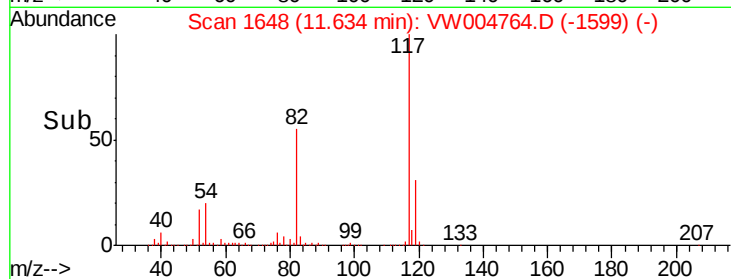
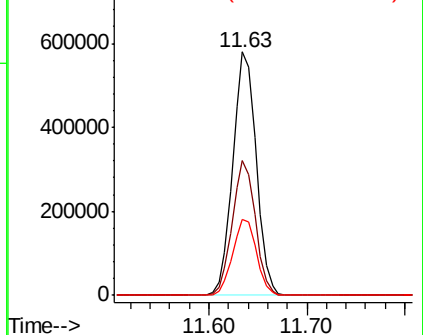


Abundance

Ion 116.90 (116.60 to 117.60): V

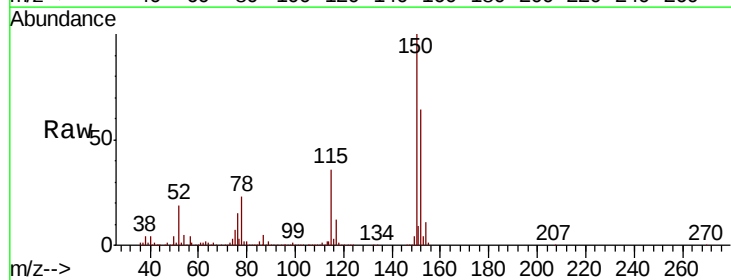
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004764.D
Acq: 18 Aug 2018 06:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.5	85.5
150	156.2	0.0	344.8



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

