

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072618\
 Data File : VW004214.D
 Acq On : 26 Jul 2018 01:05
 Operator : SY/AP
 Sample : J4112-03
 Misc : 12.47G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CON-SB-01-19-21

Quant Time: Jul 26 07:13:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

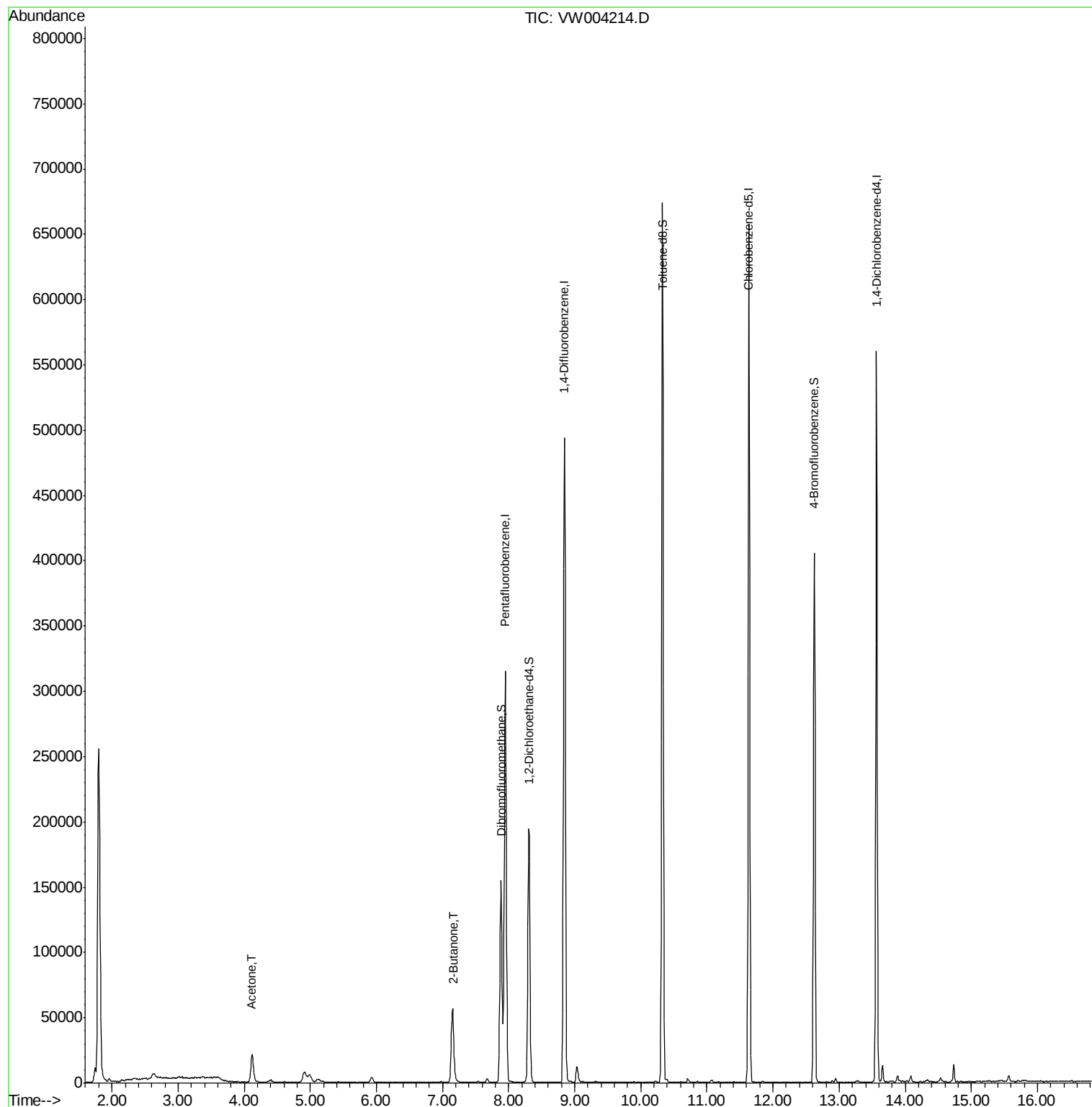
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	403998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	143223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155508	59.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.10%	
35) Dibromofluoromethane	7.88	113	108664	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	
50) Toluene-d8	10.33	98	446678	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.82%	
62) 4-Bromofluorobenzene	12.62	95	131254	36.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.38%	
Target Compounds						
16) Acetone	4.12	43	37749	60.16	ug/l	98
25) 2-Butanone	7.17	43	6034	7.15	ug/l #	88

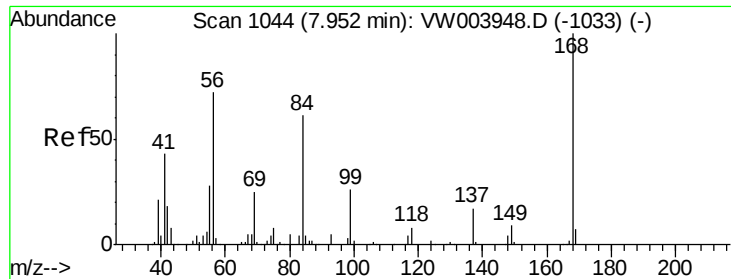
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004214.D

Acq: 26 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

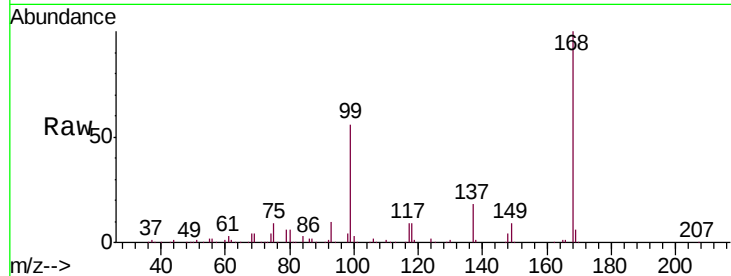
CON-SB-01-19-21

Tot Ion:168 Resp: 233615

Ion Ratio Lower Upper

168 100

99 56.4 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

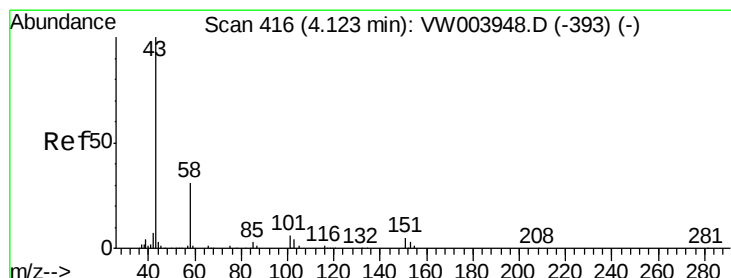
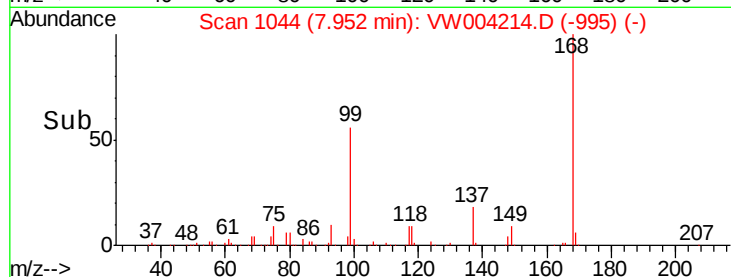
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 60.16 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW004214.D

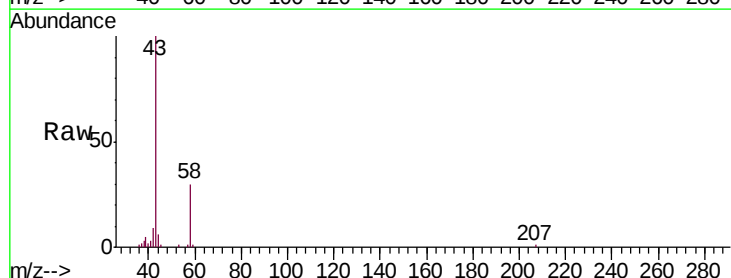
Acq: 26 Jul 2018 01:05

Tgt Ion: 43 Resp: 37749

Ion Ratio Lower Upper

43 100

58 29.6 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

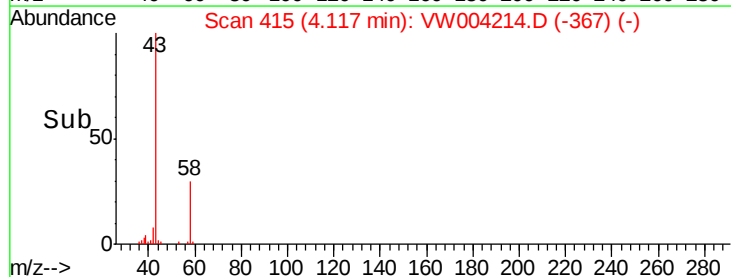
15000

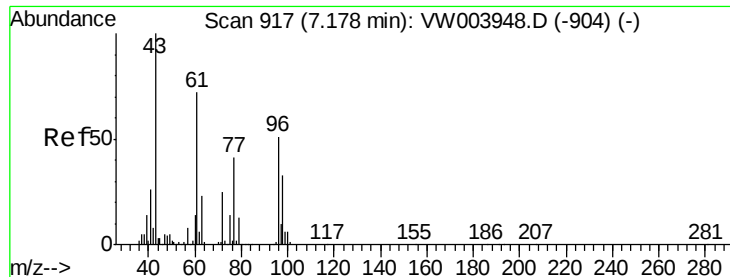
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

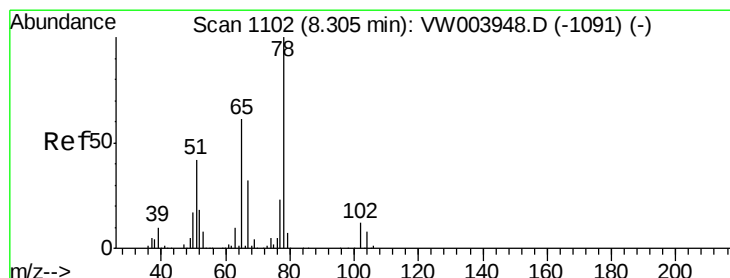
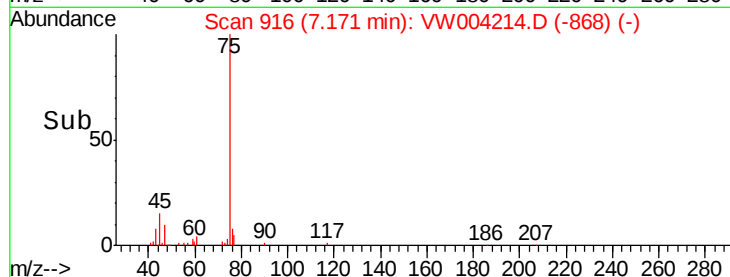
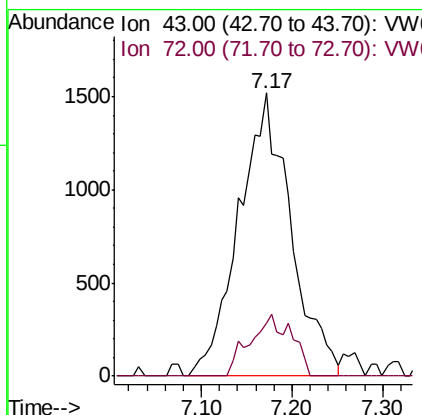
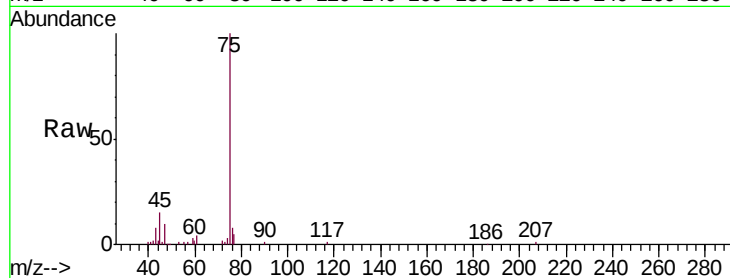




#25
2-Butanone
Concen: 7.15 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW004214.D
Acq: 26 Jul 2018 01:05

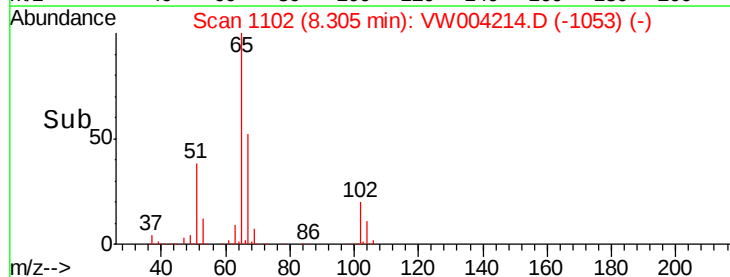
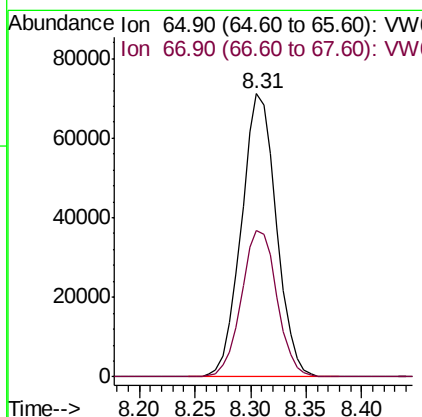
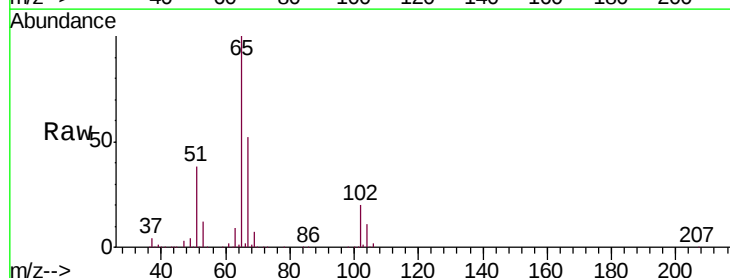
Instrument :
MSVOA_W
ClientSampleId :
CON-SB-01-19-21

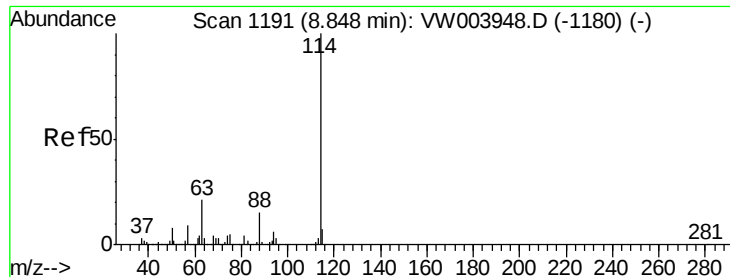
Tot Ion: 43 Resp: 6034
Ion Ratio Lower Upper
43 100
72 18.9 19.8 29.6#



#33
1,2-Dichloroethane-d4
Concen: 59.55 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW004214.D
Acq: 26 Jul 2018 01:05

Tgt Ion: 65 Resp: 155508
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004214.D

Acq: 26 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

CON-SB-01-19-21

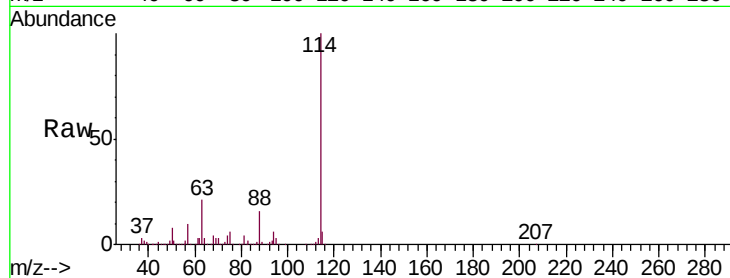
Tot Ion:114 Resp: 403998

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

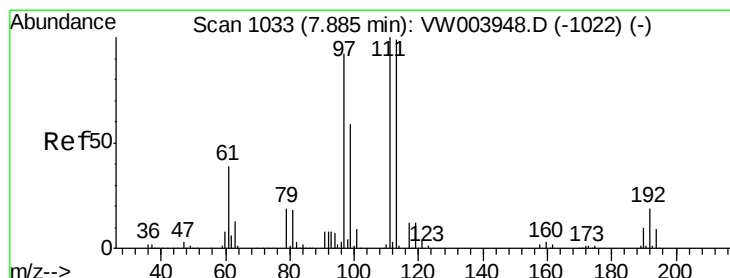
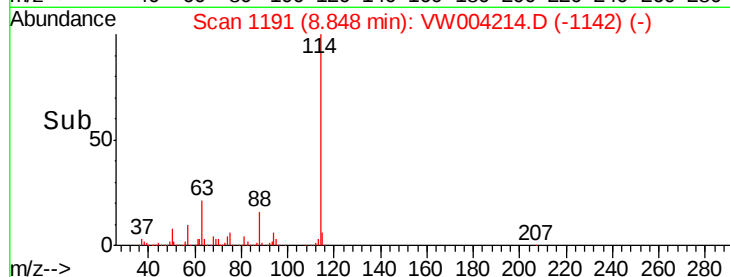
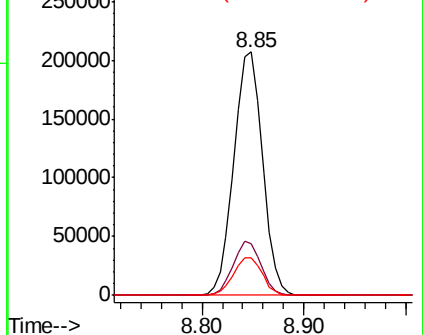
88 15.5 0.0 30.4



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: 41.92 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004214.D

Acq: 26 Jul 2018 01:05

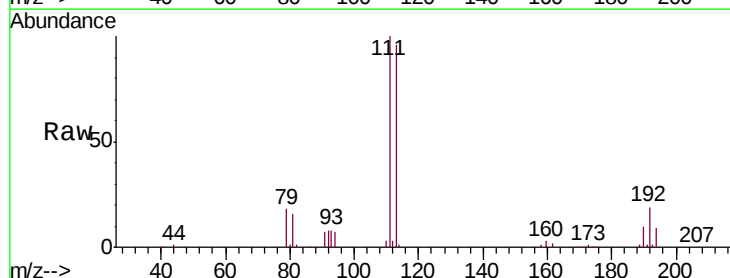
Tgt Ion:113 Resp: 108664

Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

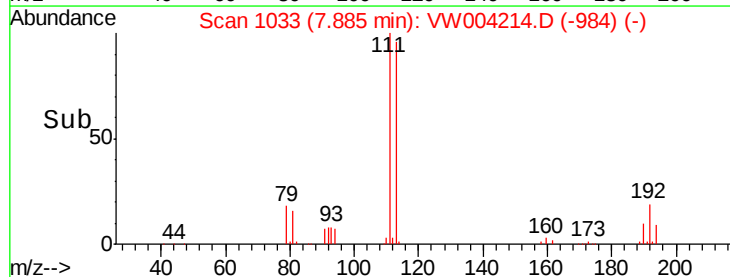
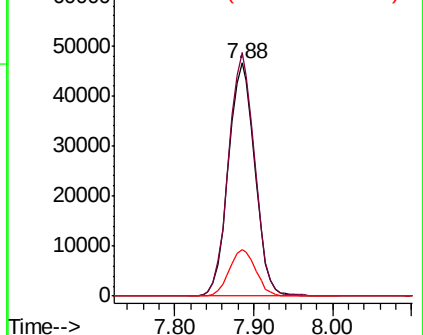
192 20.0 15.8 23.6

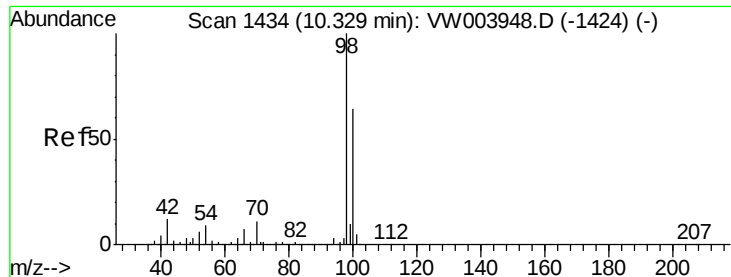


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.41 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004214.D

Acq: 26 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

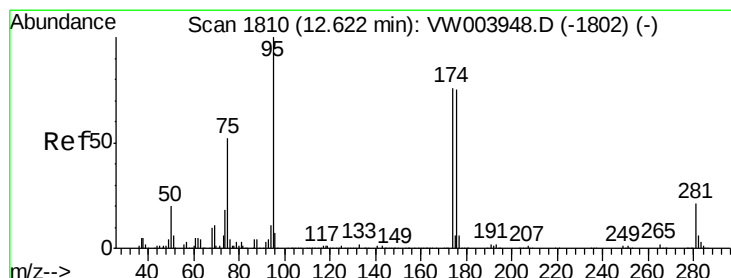
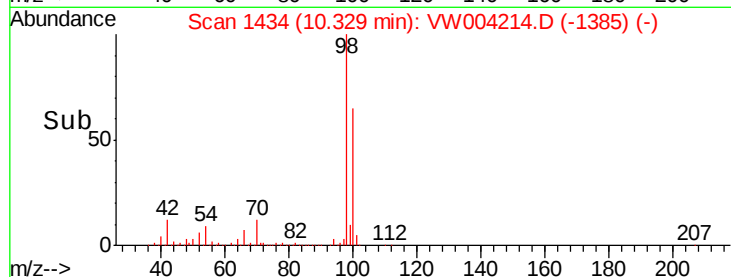
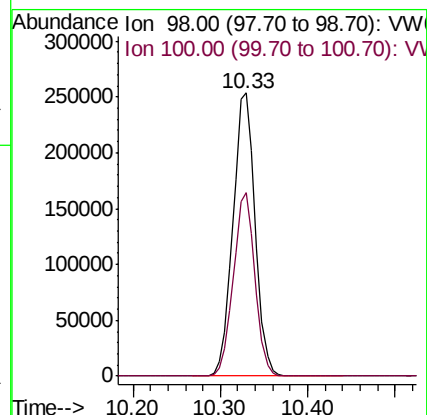
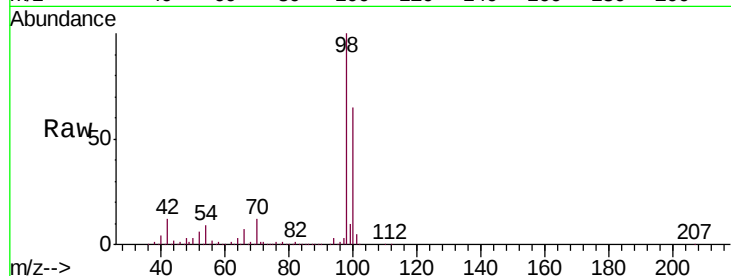
CON-SB-01-19-21

Tot Ion: 98 Resp: 446678

Ion Ratio Lower Upper

98 100

100 63.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 36.19 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004214.D

Acq: 26 Jul 2018 01:05

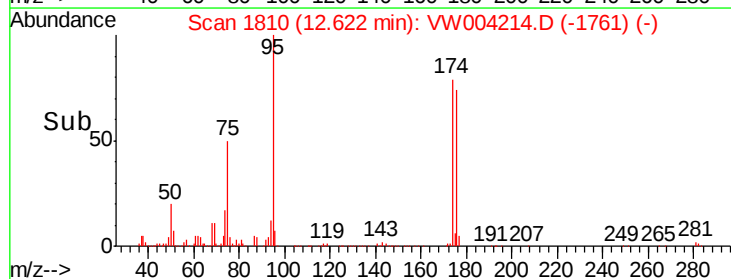
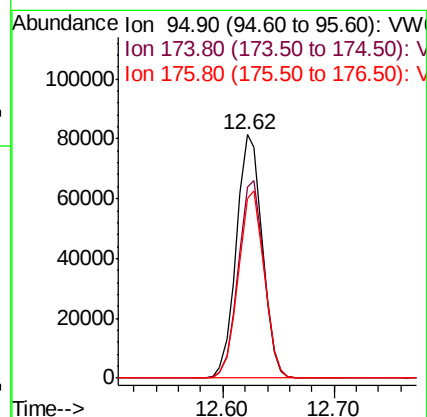
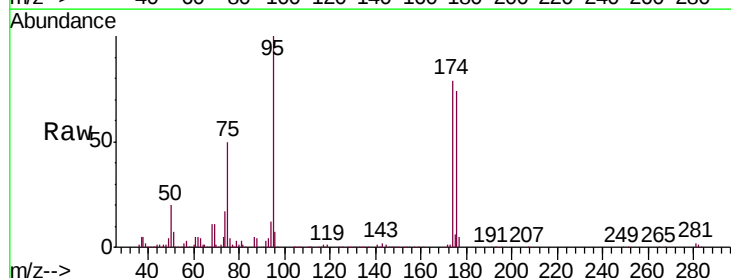
Tgt Ion: 95 Resp: 131254

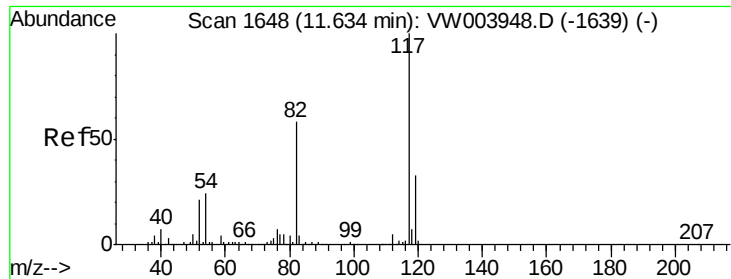
Ion Ratio Lower Upper

95 100

174 80.8 0.0 160.2

176 76.7 0.0 155.8

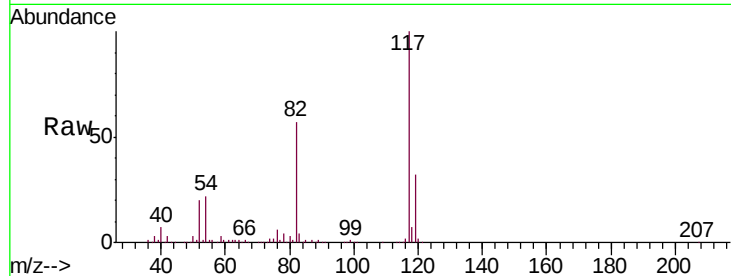




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004214.D
Acq: 26 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
CON-SB-01-19-21

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.5	69.7
119	31.8	26.2	39.2

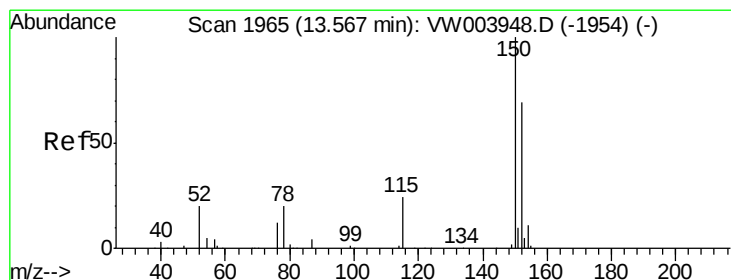
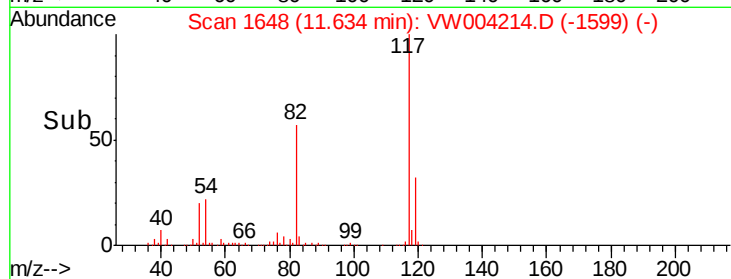
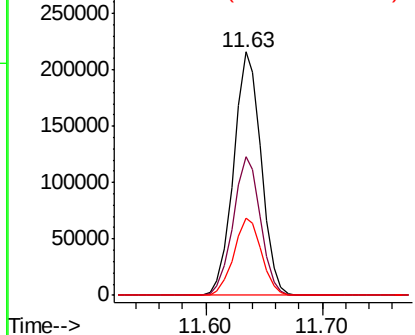


Abundance

Ion 116.90 (116.60 to 117.60): V

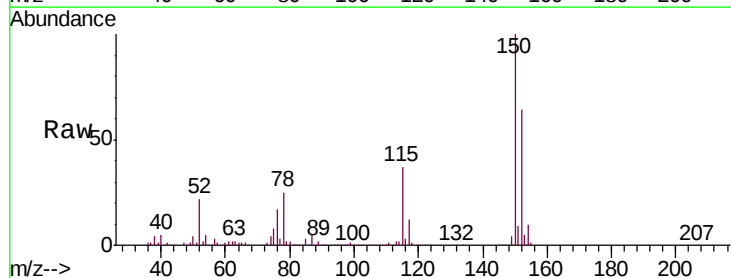
Ion 82.00 (81.70 to 82.70): V

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: VW004214.D
Acq: 26 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.2	87.6
150	157.1	0.0	345.2



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

