

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003600.D
 Acq On : 27 Jun 2018 05:41
 Operator : SY/AP
 Sample : J3629-01
 Misc : 6.54G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C2-01

Quant Time: Jun 27 08:31:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

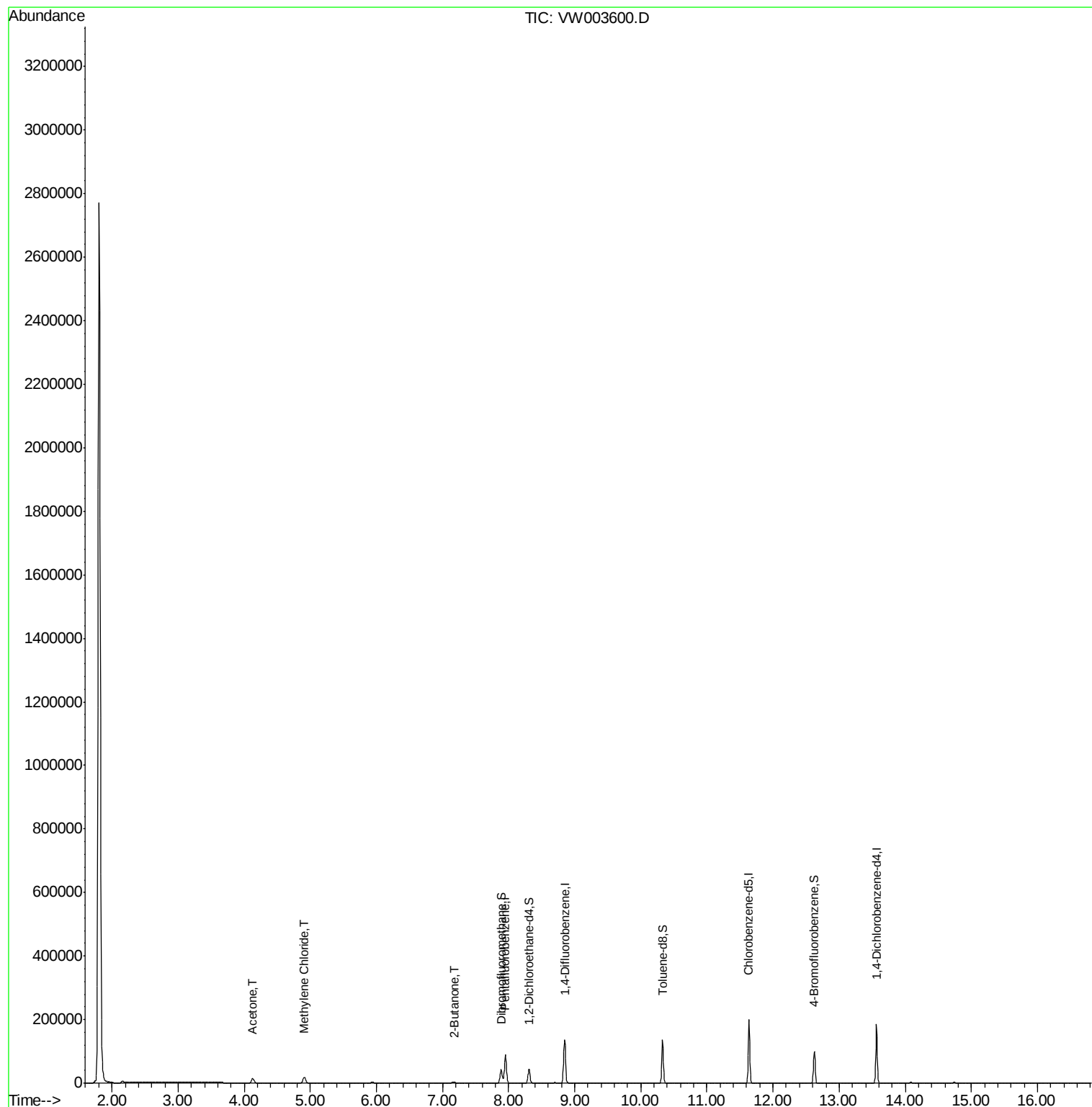
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	62245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	107554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	103819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	45704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35692	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
35) Dibromofluoromethane	7.88	113	30357	45.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.84%	
50) Toluene-d8	10.33	98	84871	32.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.06%	
62) 4-Bromofluorobenzene	12.63	95	28431	30.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.64%	
Target Compounds						
16) Acetone	4.12	43	22917	162.07	ug/l	98
20) Methylene Chloride	4.91	84	12470	18.44	ug/l	95
25) 2-Butanone	7.18	43	2470	14.05	ug/l	93

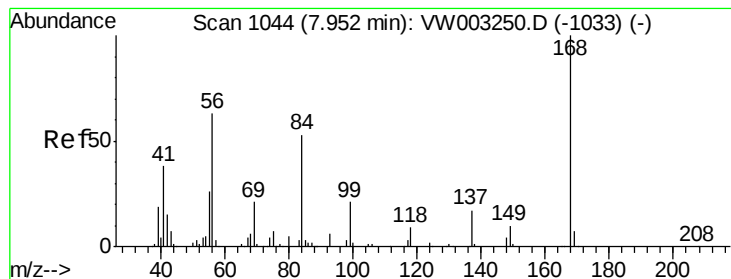
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003600.D

Acq: 27 Jun 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

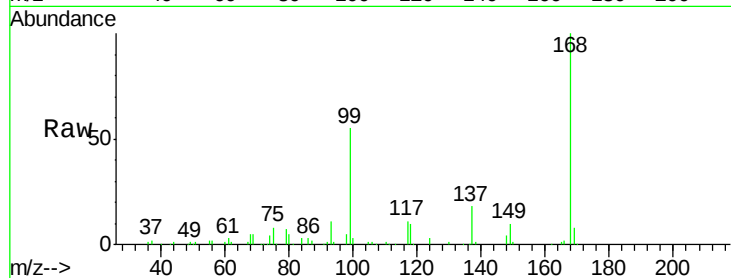
A0C2-01

Tot Ion:168 Resp: 62245

Ion Ratio Lower Upper

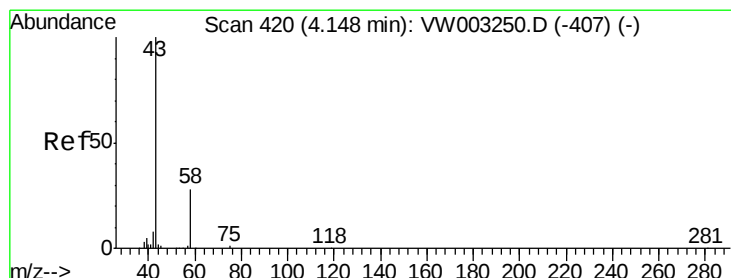
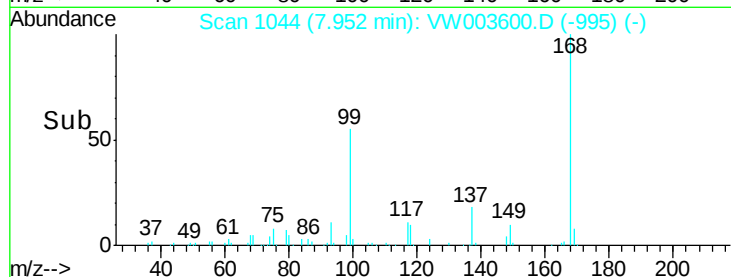
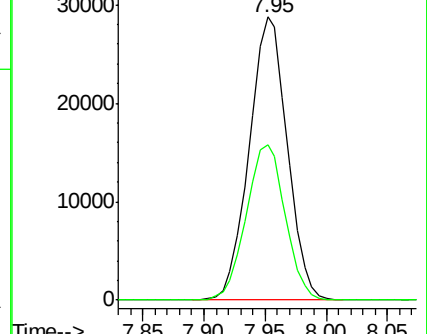
168 100

99 54.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 162.07 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.02 min

Lab File: VW003600.D

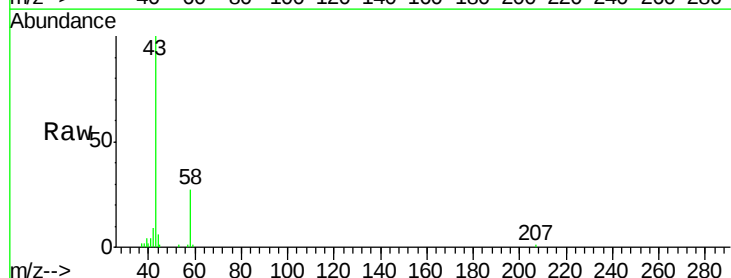
Acq: 27 Jun 2018 05:41

Tgt Ion: 43 Resp: 22917

Ion Ratio Lower Upper

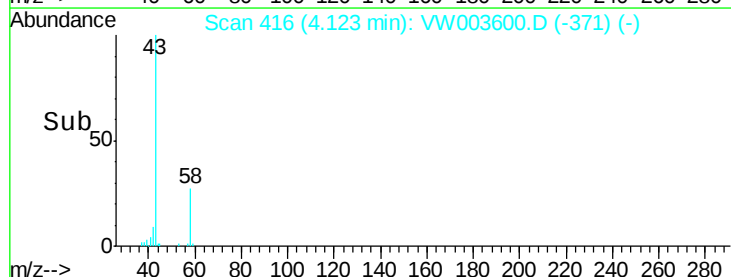
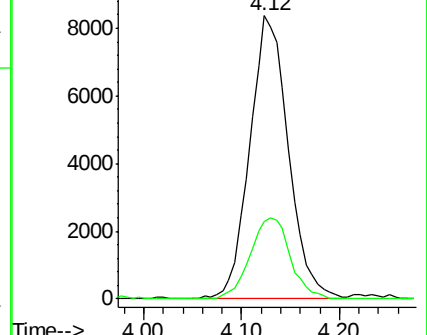
43 100

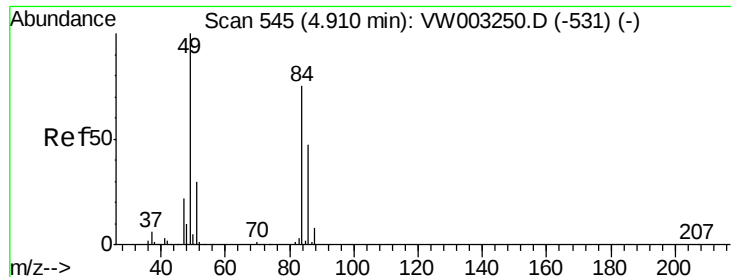
58 27.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

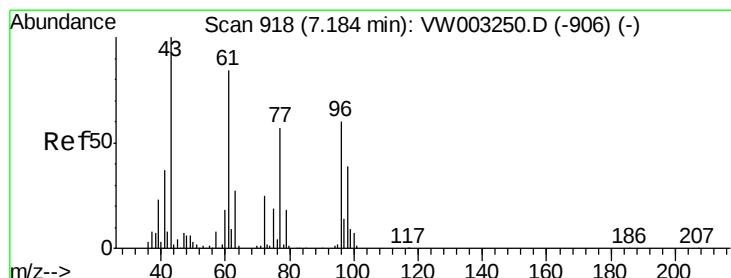
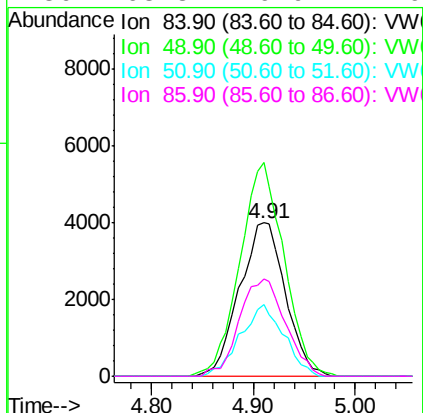
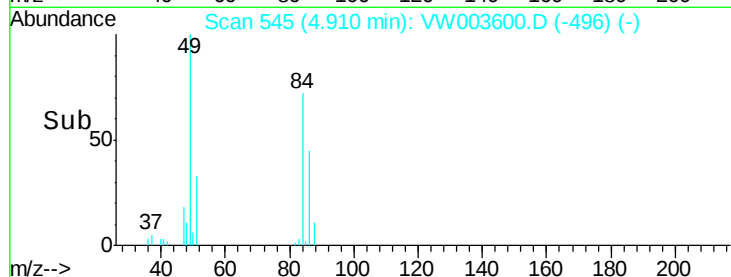
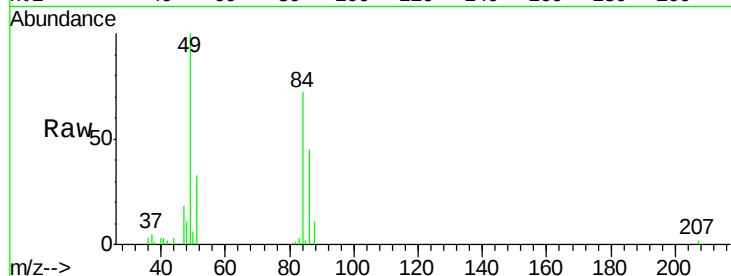




#20
Methvlene Chloride
Concen: 18.44 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003600.D
Acq: 27 Jun 2018 05:41

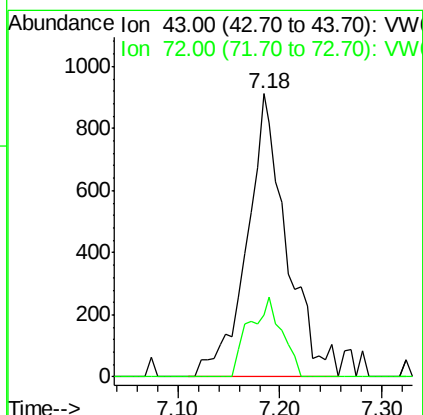
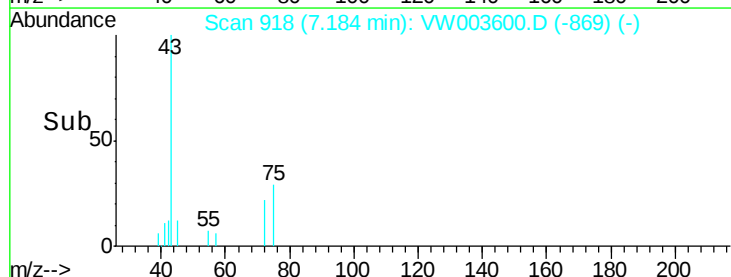
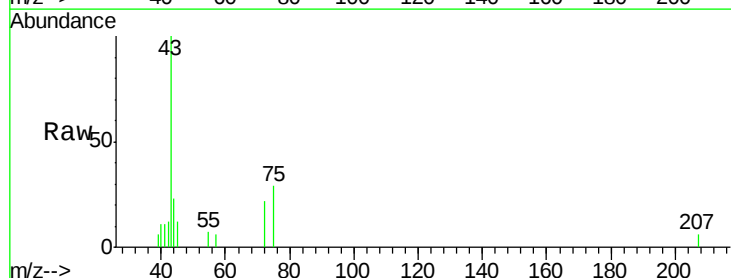
Instrument :
MSVOA_W
ClientSampleId :
A0C2-01

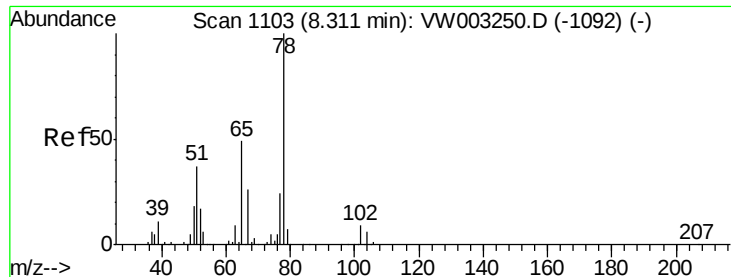
Tot Ion	84	Resp	12470
Ion	Ratio	Lower	Upper
84	100		
49	139.6	106.3	159.5
51	46.5	32.0	48.0
86	63.3	49.9	74.9



#25
2-Butanone
Concen: 14.05 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.00 min
Lab File: VW003600.D
Acq: 27 Jun 2018 05:41

Tgt Ion	43	Resp	2470
Ion	Ratio	Lower	Upper
43	100		
72	22.0	20.3	30.5





#33

1,2-Dichloroethane-d4

Concen: 52.94 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003600.D

Acq: 27 Jun 2018 05:41

Instrument :

MSVOA_W

ClientSampleId :

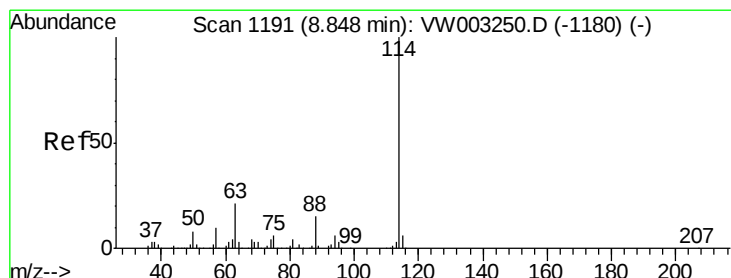
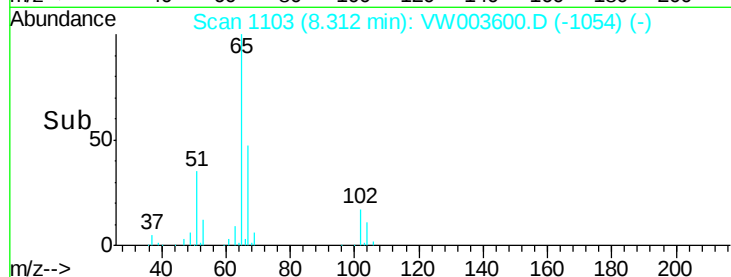
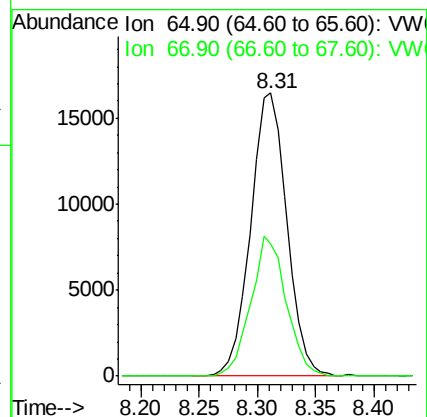
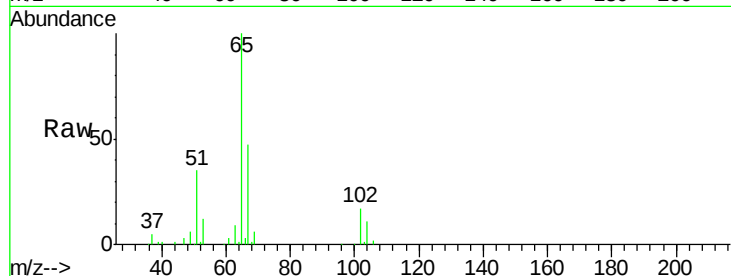
A0C2-01

Tot Ion: 65 Resp: 35692

Ion Ratio Lower Upper

65 100

67 48.3 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003600.D

Acq: 27 Jun 2018 05:41

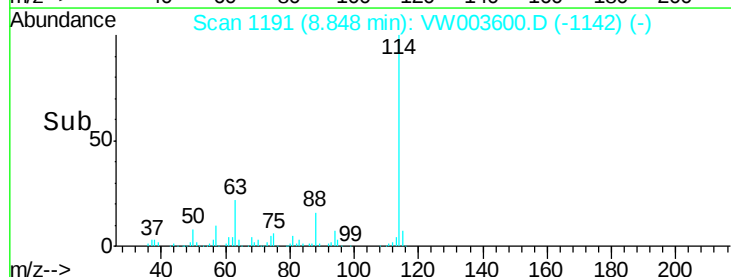
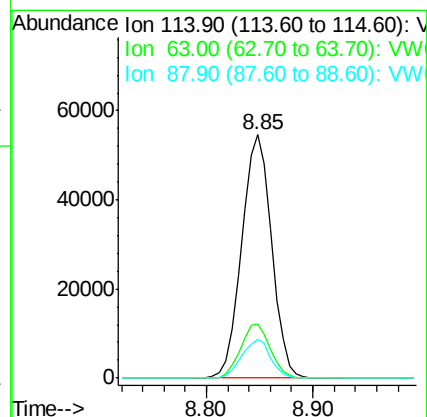
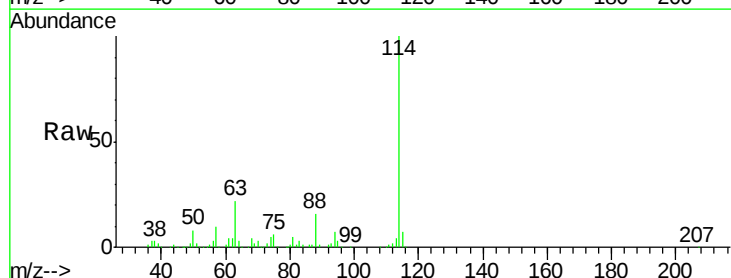
Tgt Ion: 114 Resp: 107554

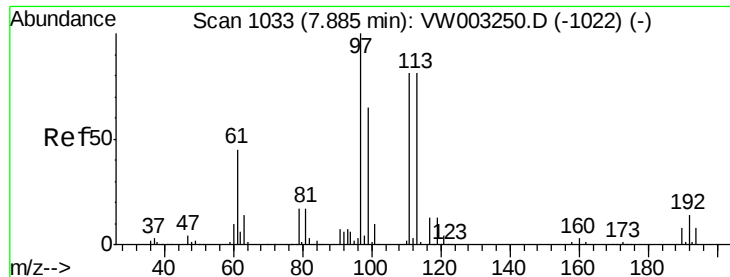
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.0

88 15.7 0.0 29.6

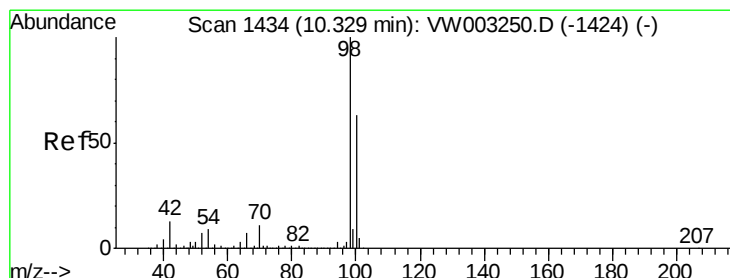
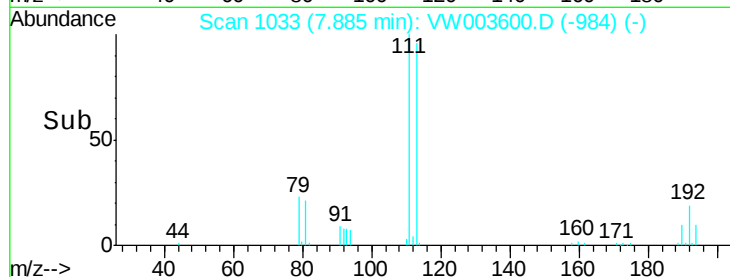
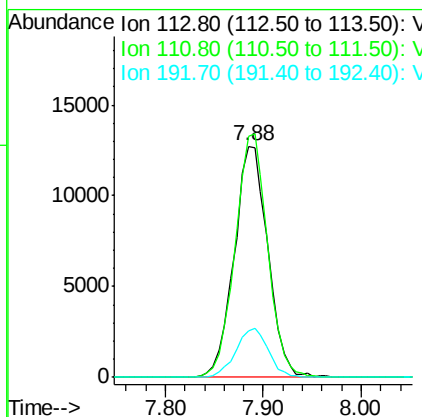
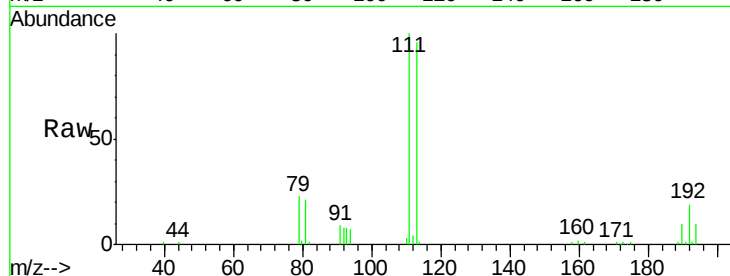




#35
 Dibromofluoromethane
 Concen: 45.42 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003600.D
 Acq: 27 Jun 2018 05:41

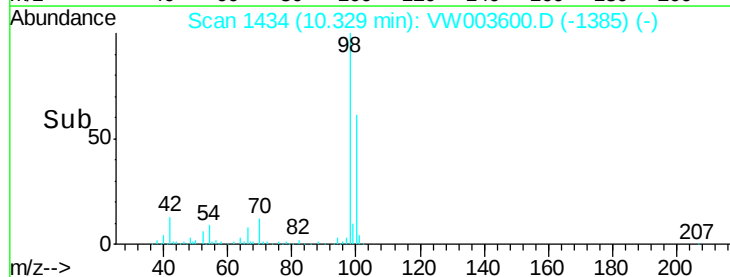
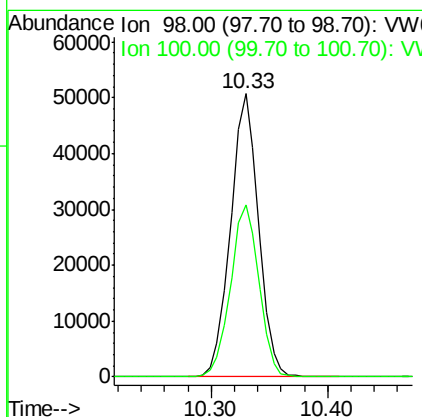
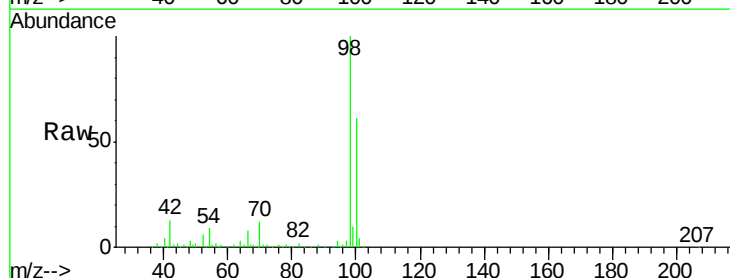
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C2-01

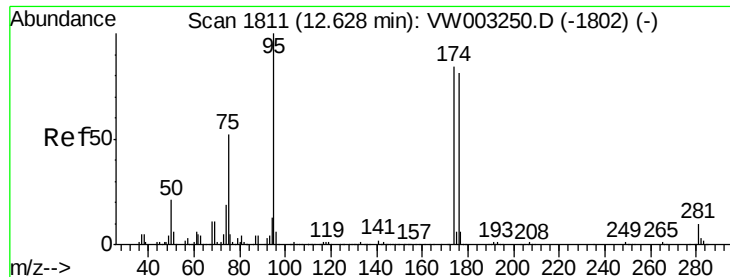
Tot Ion:113 Resp: 30357
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 20.3 16.2 24.2



#50
 Toluene-d8
 Concen: 32.03 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003600.D
 Acq: 27 Jun 2018 05:41

Tgt Ion: 98 Resp: 84871
 Ion Ratio Lower Upper
 98 100
 100 61.7 50.8 76.2

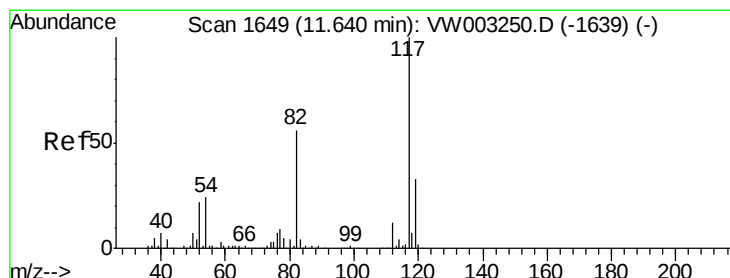
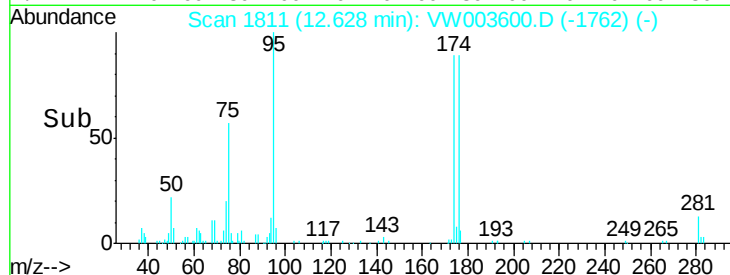
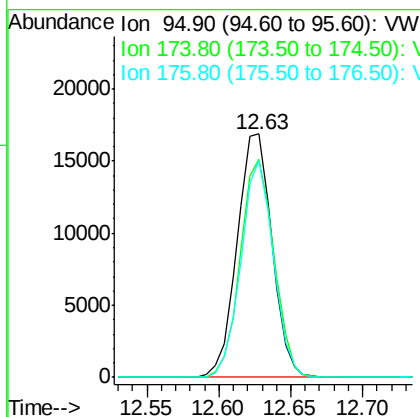
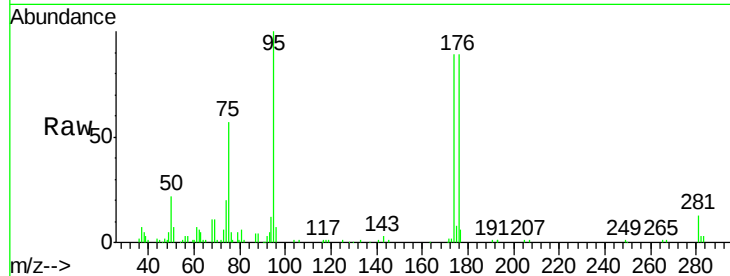




#62
4-Bromofluorobenzene
Concen: 30.32 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW003600.D
Acq: 27 Jun 2018 05:41

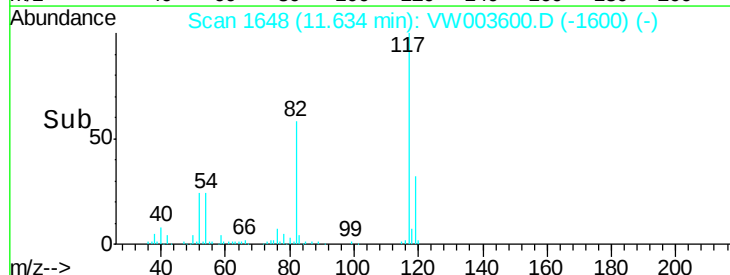
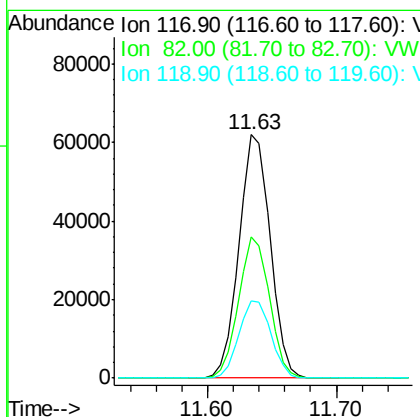
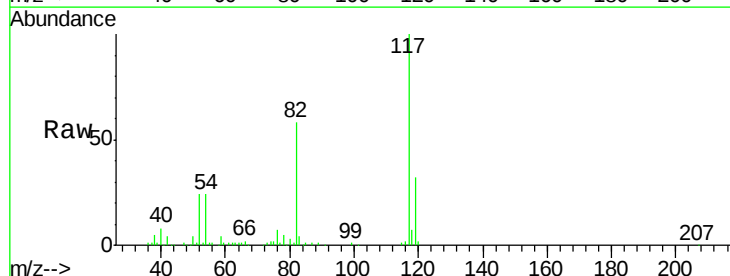
Instrument :
MSVOA_W
ClientSampleId :
A0C2-01

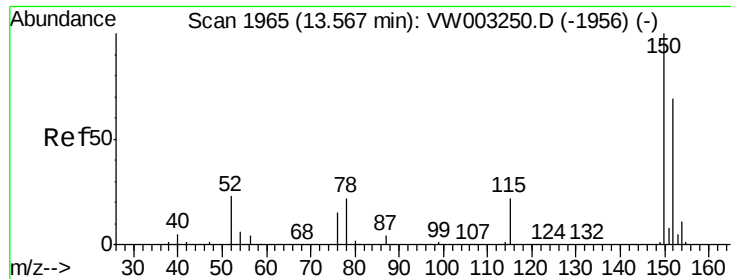
Tot Ion: 95 Resp: 28431
Ion Ratio Lower Upper
95 100
174 85.9 0.0 166.4
176 82.5 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003600.D
Acq: 27 Jun 2018 05:41

Tgt Ion: 117 Resp: 103819
Ion Ratio Lower Upper
117 100
82 57.9 44.6 67.0
119 31.8 26.7 40.1

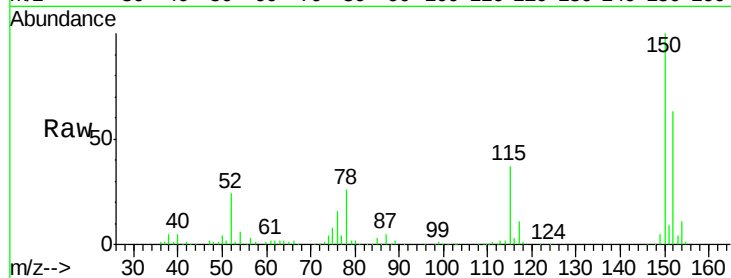




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW003600.D
 Acq: 27 Jun 2018 05:41

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C2-01

Tot Ion:152 Resp: 45704
 Ion Ratio Lower Upper
 152 100
 115 59.4 29.3 88.0
 150 157.5 0.0 349.6



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

