

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008811.D
 Acq On : 25 Feb 2019 17:11
 Operator : SY/VA
 Sample : K1348-05
 Misc : 6.22G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-022219-B

Quant Time: Feb 26 04:35:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

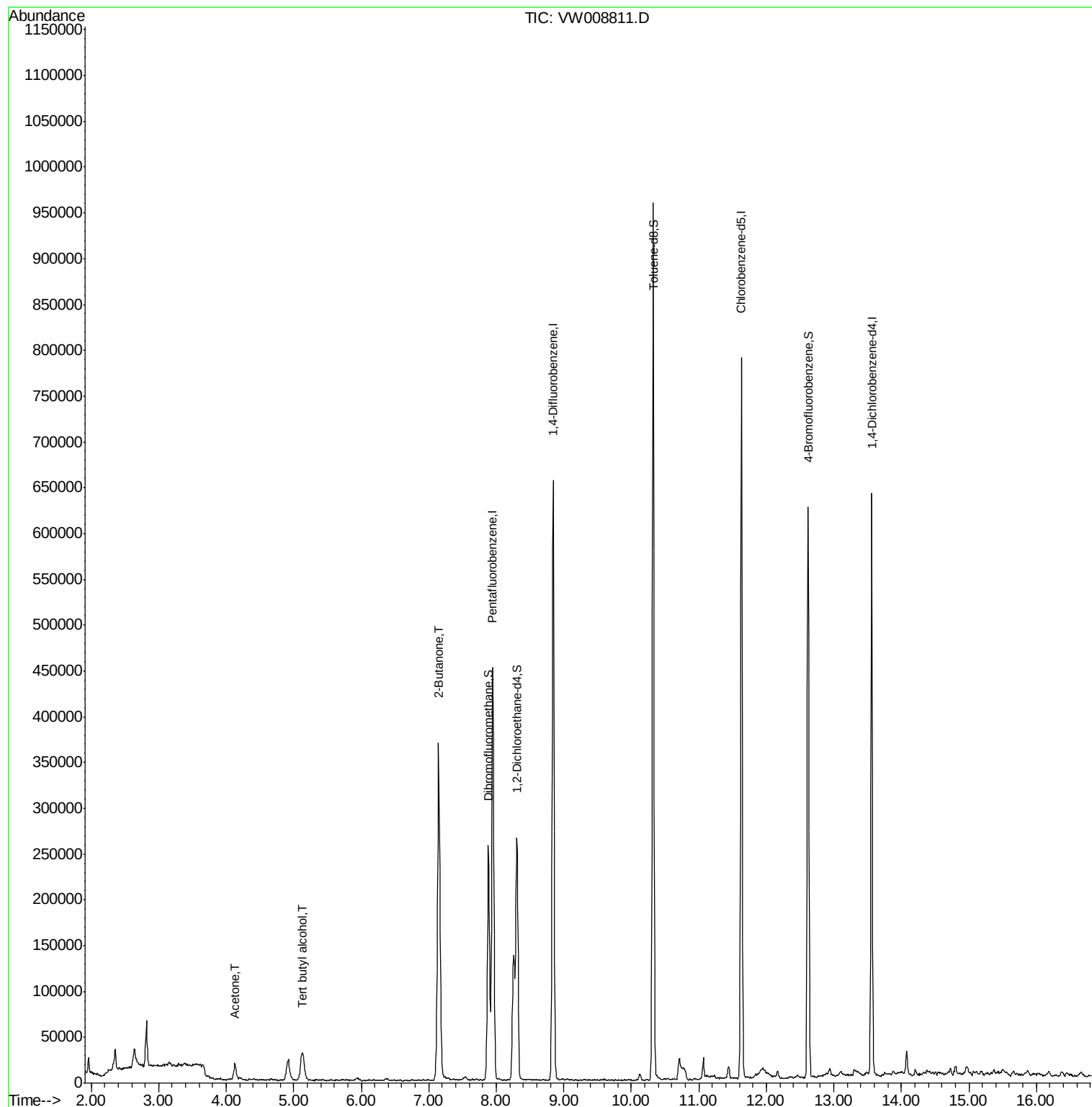
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	351284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	549614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	432775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	197941	60.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.16%	
35) Dibromofluoromethane	7.88	113	169511	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
50) Toluene-d8	10.32	98	612473	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	12.62	95	184512	36.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.98%	
Target Compounds						
11) Tert butyl alcohol	5.13	59	30050	102.448	ug/l #	72
16) Acetone	4.13	43	28104	36.800	ug/l	98
25) 2-Butanone	7.15	43	19050	17.842	ug/l #	70

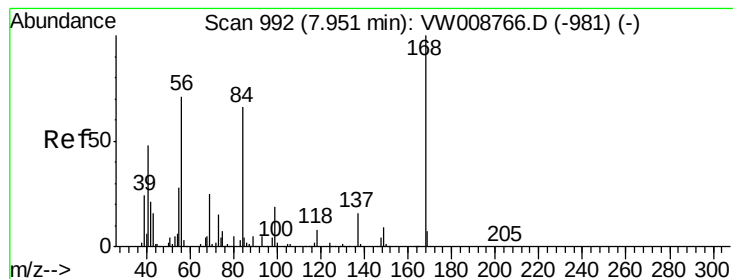
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022519\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008811.D

Acq: 25 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

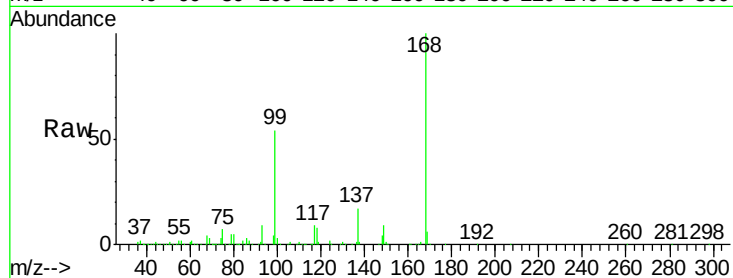
OK-03-022219-B

Tot Ion:168 Resp: 351284

Ion Ratio Lower Upper

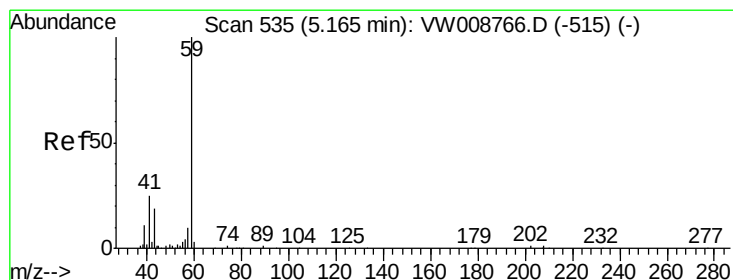
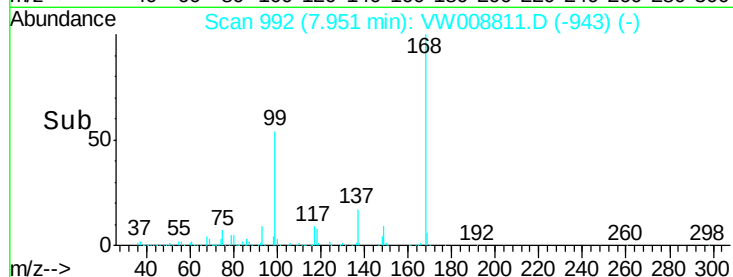
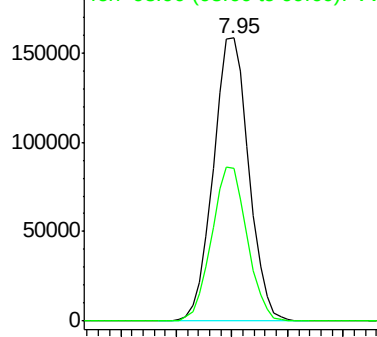
168 100

99 54.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 102.448 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW008811.D

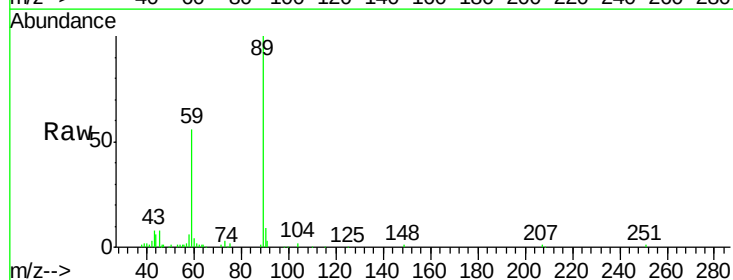
Acq: 25 Feb 2019 17:11

Tgt Ion: 59 Resp: 30050

Ion Ratio Lower Upper

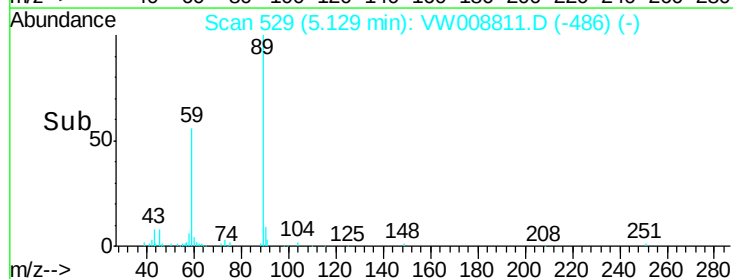
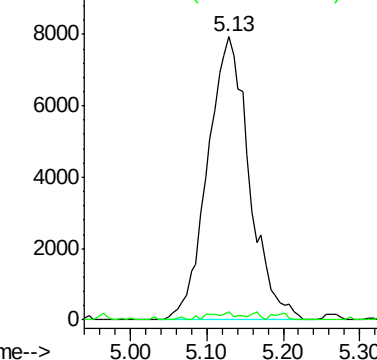
59 100

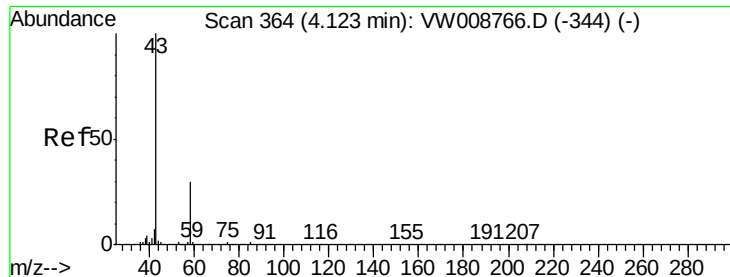
57 0.7 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 36.800 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008811.D

Acq: 25 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

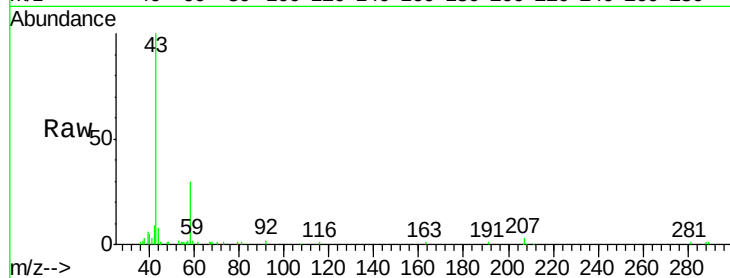
OK-03-022219-B

Tot Ion: 43 Resp: 28104

Ion Ratio Lower Upper

43 100

58 30.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

12000

10000

8000

6000

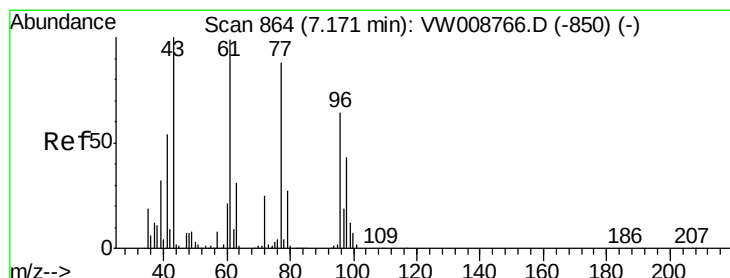
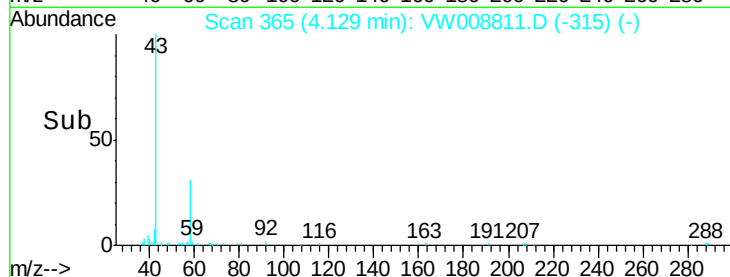
4000

2000

0

4.00 4.10 4.20

Time-->



#25

2-Butanone

Concen: 17.842 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008811.D

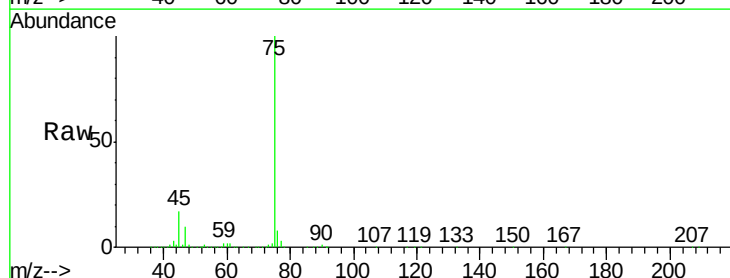
Acq: 25 Feb 2019 17:11

Tgt Ion: 43 Resp: 19050

Ion Ratio Lower Upper

43 100

72 9.7 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

8000

6000

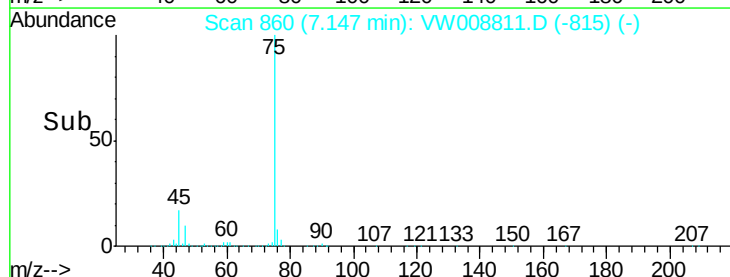
4000

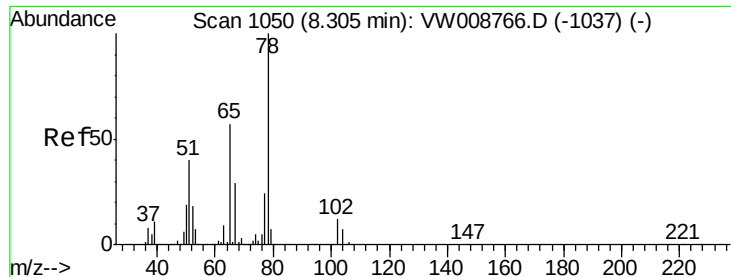
2000

0

7.05 7.10 7.15 7.20 7.25

Time-->

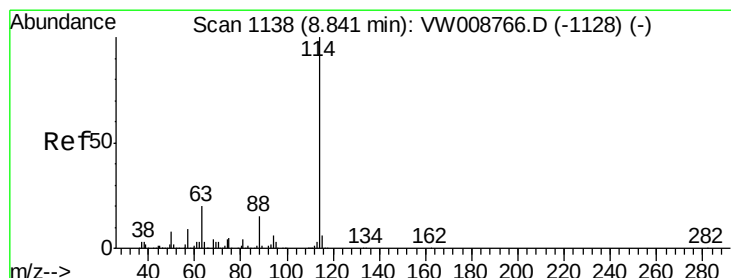
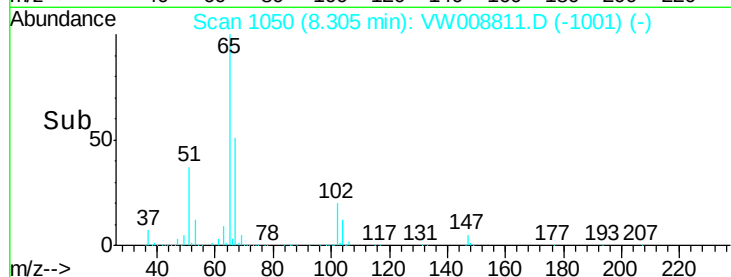
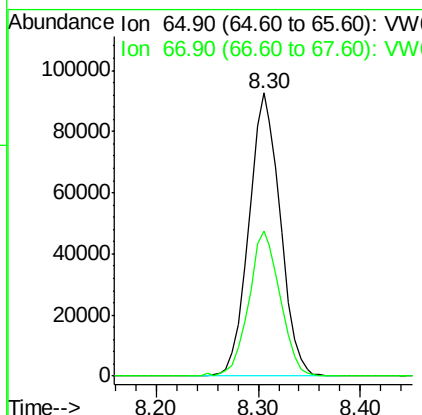
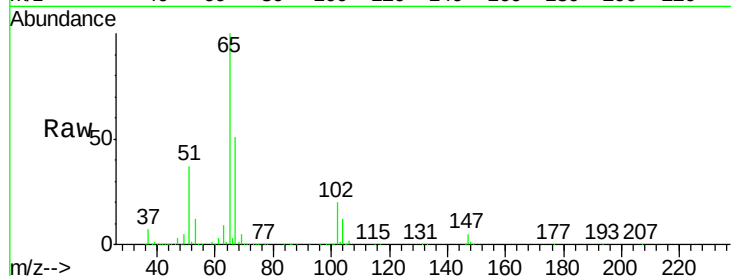




#33
 1,2-Dichloroethane-d4
 Concen: 60.078 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008811.D
 Acq: 25 Feb 2019 17:11

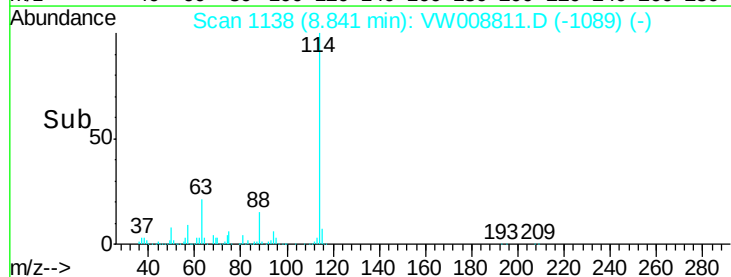
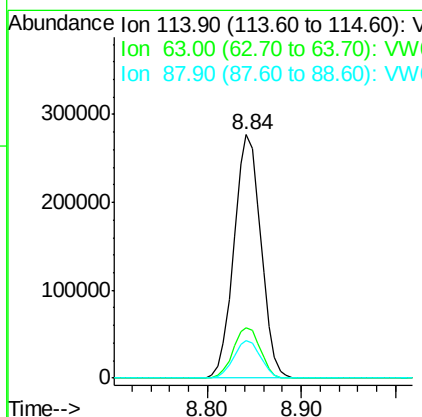
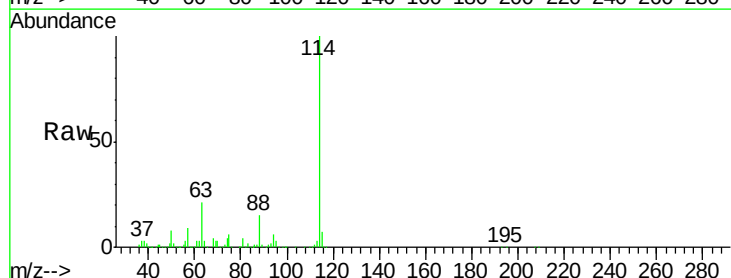
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-022219-B

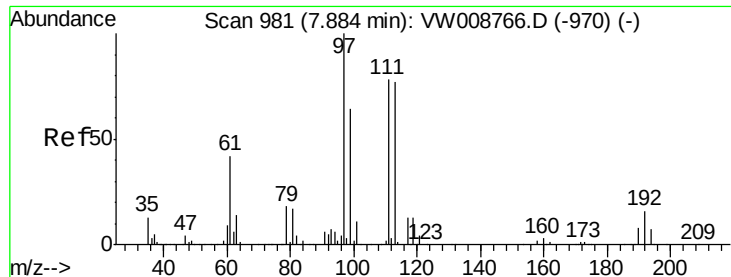
Tot Ion: 65 Resp: 197941
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008811.D
 Acq: 25 Feb 2019 17:11

Tgt Ion: 114 Resp: 549614
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.368 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008811.D

Acq: 25 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

OK-03-022219-B

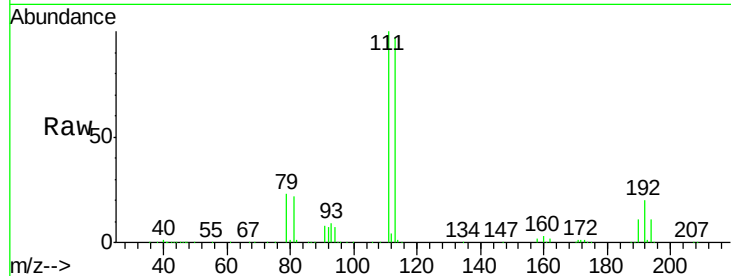
Tot Ion:113 Resp: 169511

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

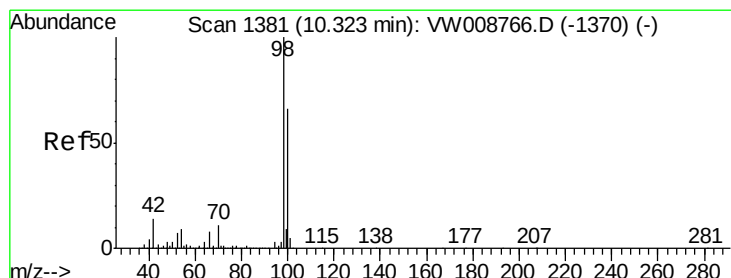
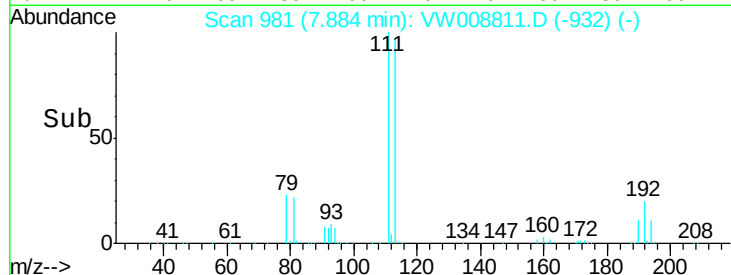
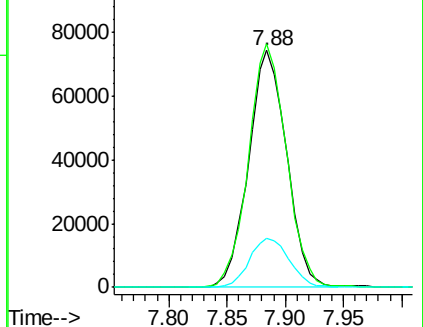
192 21.7 17.1 25.7



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: 48.079 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008811.D

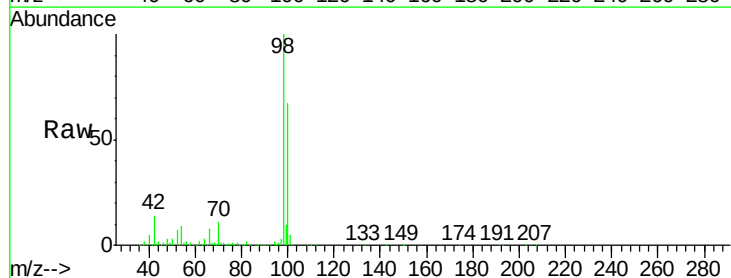
Acq: 25 Feb 2019 17:11

Tgt Ion: 98 Resp: 612473

Ion Ratio Lower Upper

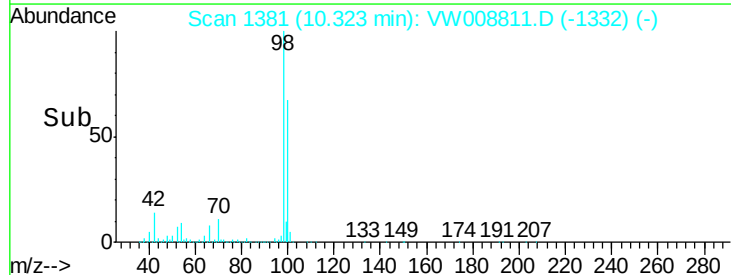
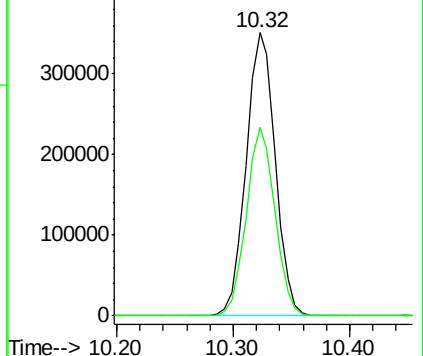
98 100

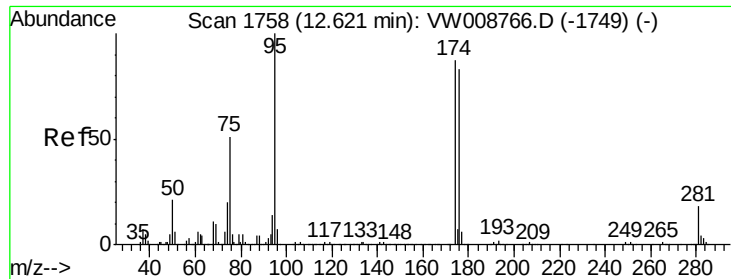
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

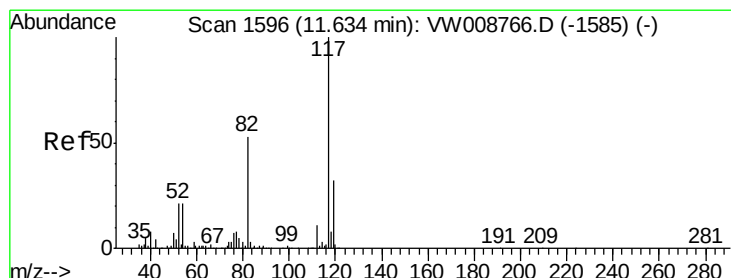
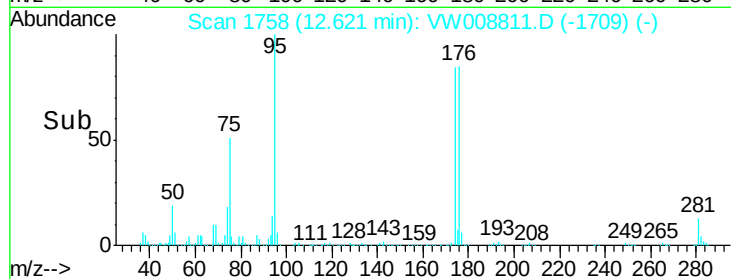
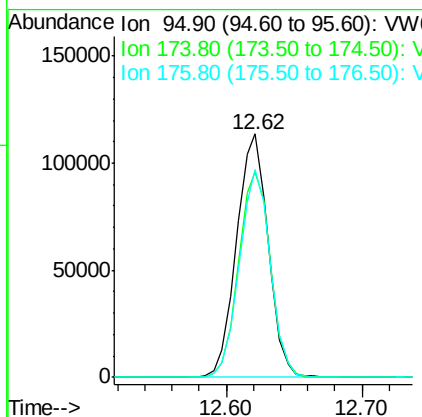
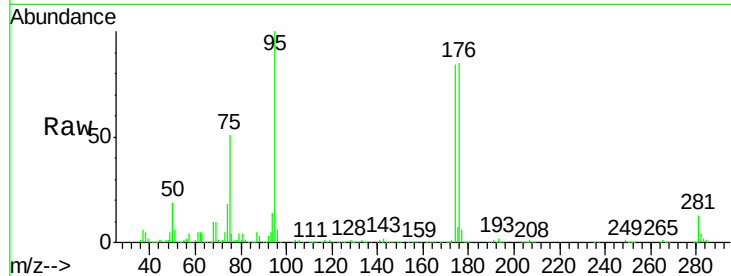




#62
4-Bromofluorobenzene
Concen: 36.993 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008811.D
Acq: 25 Feb 2019 17:11

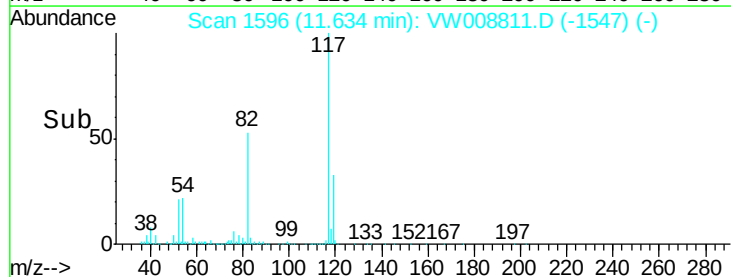
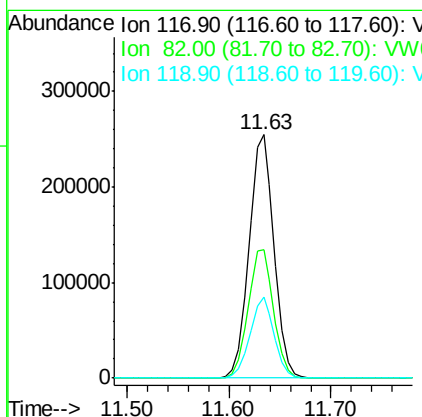
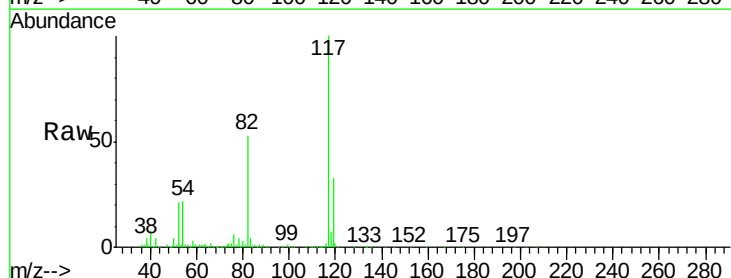
Instrument :
MSVOA_W
ClientSampleId :
OK-03-022219-B

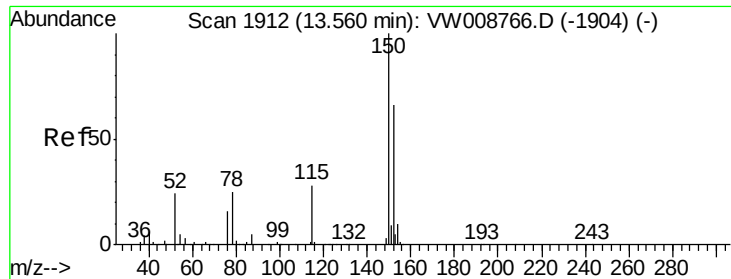
Tot Ion: 95 Resp: 184512
Ion Ratio Lower Upper
95 100
174 84.9 0.0 169.2
176 83.1 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008811.D
Acq: 25 Feb 2019 17:11

Tgt Ion: 117 Resp: 432775
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 33.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008811.D

Acq: 25 Feb 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

OK-03-022219-B

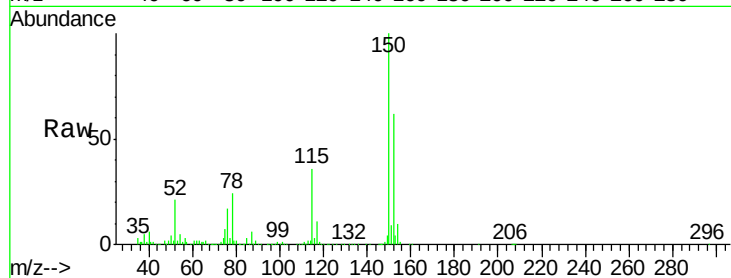
Tot Ion:152 Resp: 156239

Ion Ratio Lower Upper

152 100

115 58.1 28.6 85.8

150 157.4 0.0 348.0



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

