

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006340.D
 Acq On : 25 Oct 2018 02:46
 Operator : SY/AP
 Sample : J5199-05RE
 Misc : 6.06G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-102318RE

Quant Time: Oct 25 07:28:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

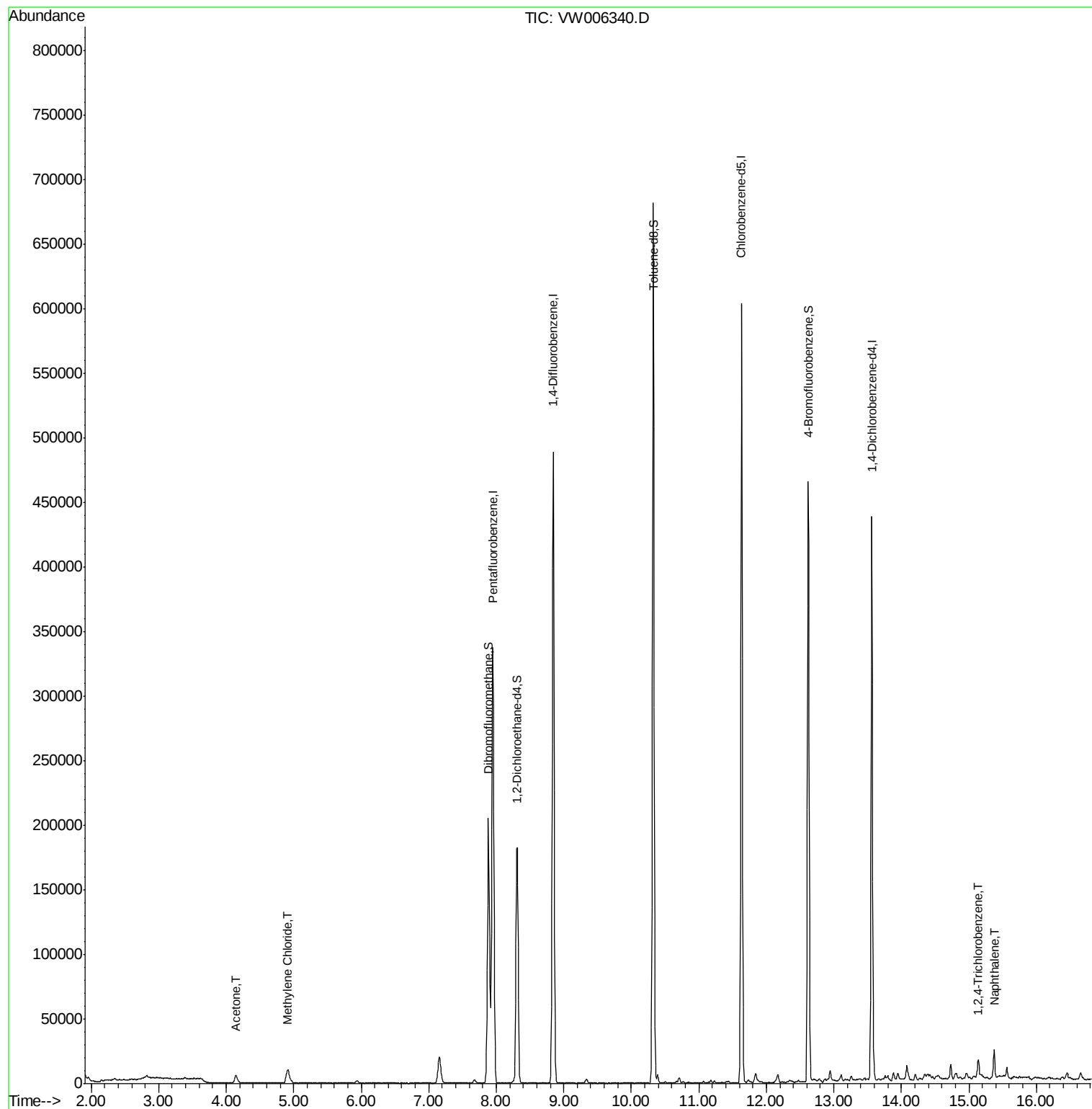
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	436437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	124822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	149122	64.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.06%	
35) Dibromofluoromethane	7.88	113	140455	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
50) Toluene-d8	10.33	98	476995	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.62	95	140190	38.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.08%	
Target Compounds						
16) Acetone	4.15	43	11357	11.894	ug/l	96
20) Methylene Chloride	4.91	84	9740	2.403	ug/l	88
93) 1,2,4-Trichlorobenzene	15.15	180	4817	1.633	ug/l #	88
95) Naphthalene	15.38	128	19763	4.027	ug/l	97

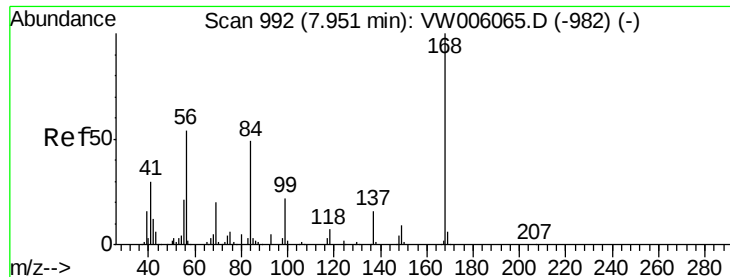
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102518\
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
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: VW006340.D

Acq: 25 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

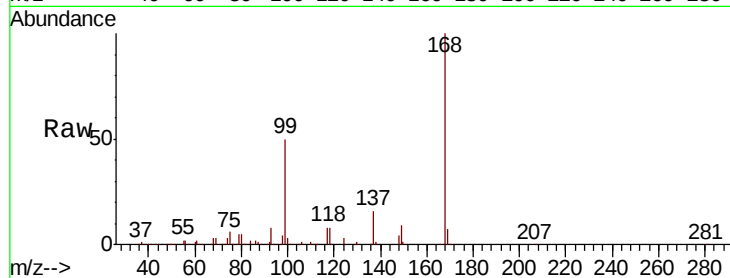
OK-03-102318RE

Tot Ion:168 Resp: 280908

Ion Ratio Lower Upper

168 100

99 49.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

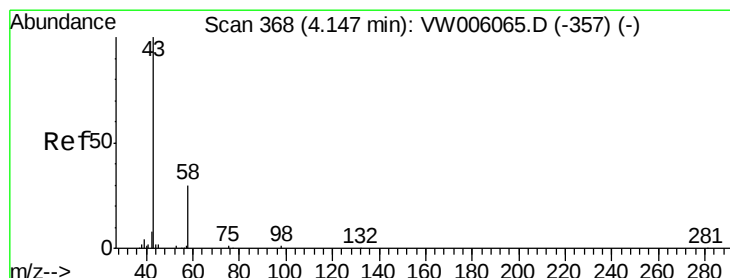
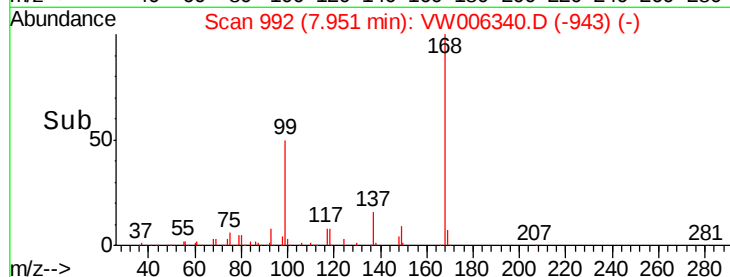
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 11.894 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006340.D

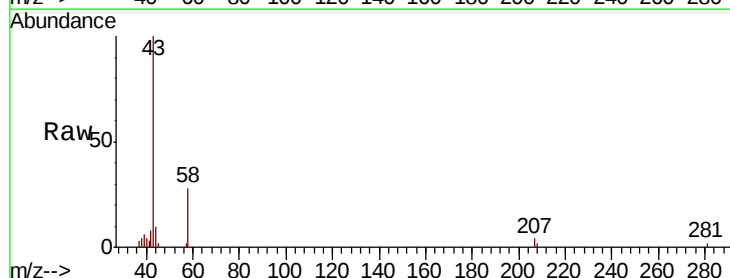
Acq: 25 Oct 2018 02:46

Tgt Ion: 43 Resp: 11357

Ion Ratio Lower Upper

43 100

58 27.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

4000

3000

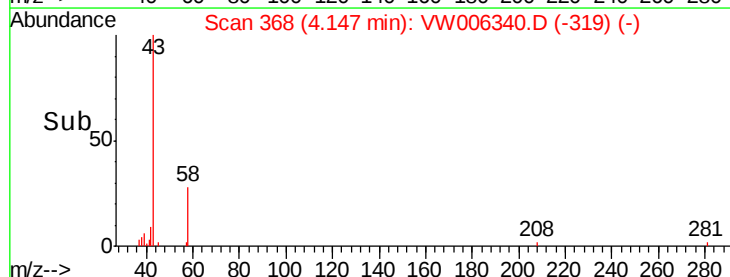
2000

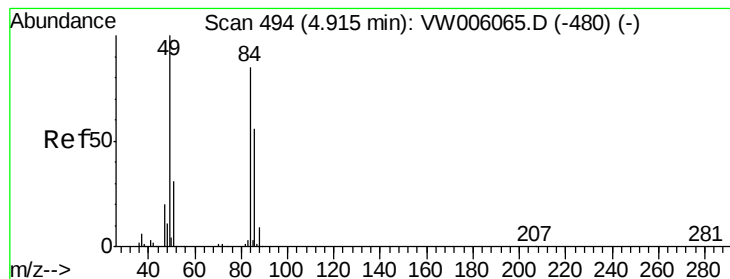
1000

0

4.00 4.10 4.20 4.30

Time-->





#20

Methylene Chloride

Concen: 2.403 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006340.D

Acq: 25 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

OK-03-102318RE

Tot Ion: 84 Resp: 9740

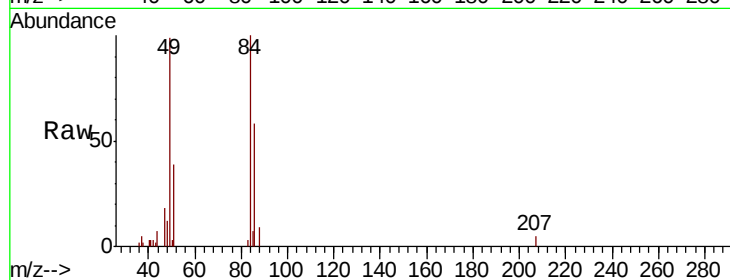
Ion Ratio Lower Upper

84 100

49 99.2 93.6 140.4

51 38.7 29.0 43.4

86 58.3 52.6 79.0

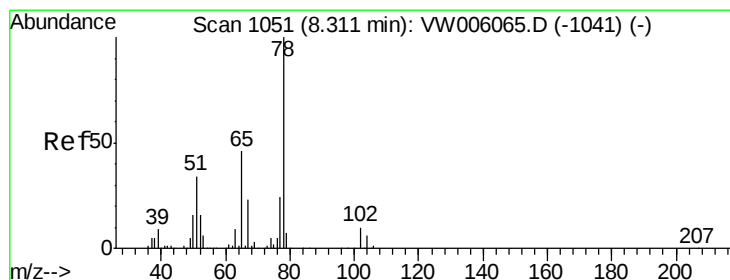
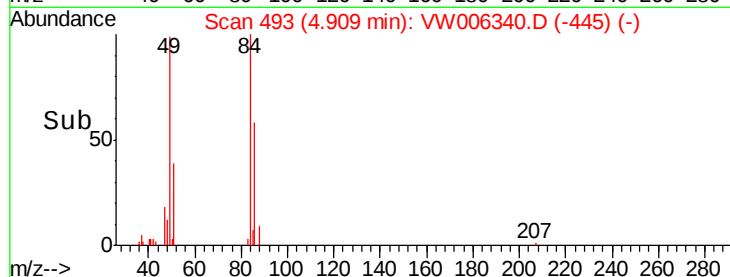
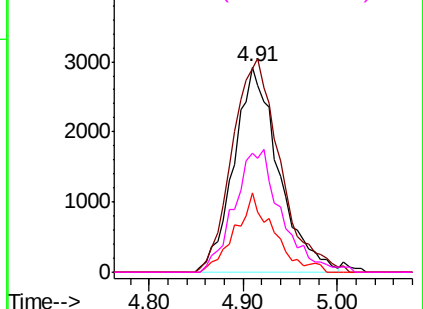


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 64.032 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006340.D

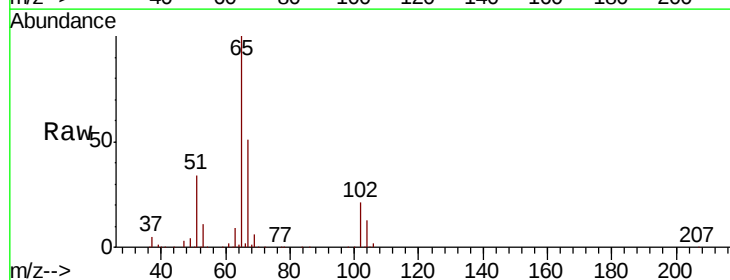
Acq: 25 Oct 2018 02:46

Tgt Ion: 65 Resp: 149122

Ion Ratio Lower Upper

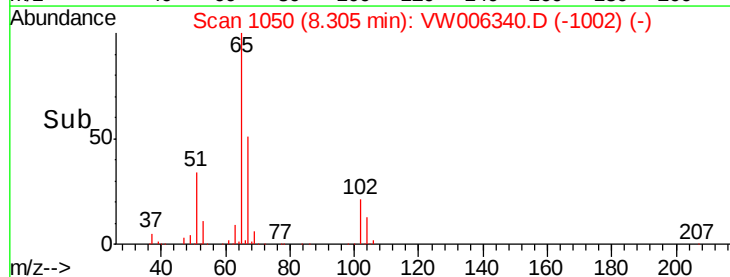
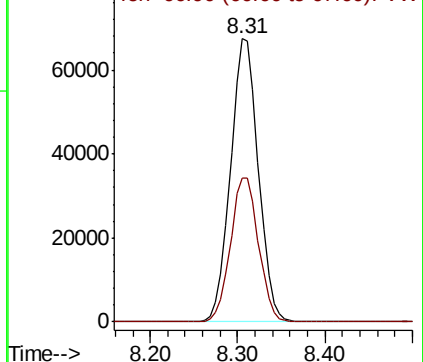
65 100

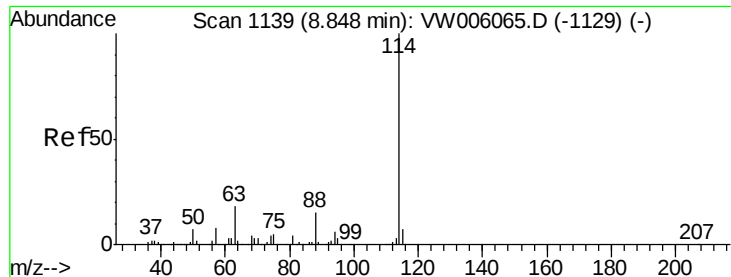
67 51.4 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

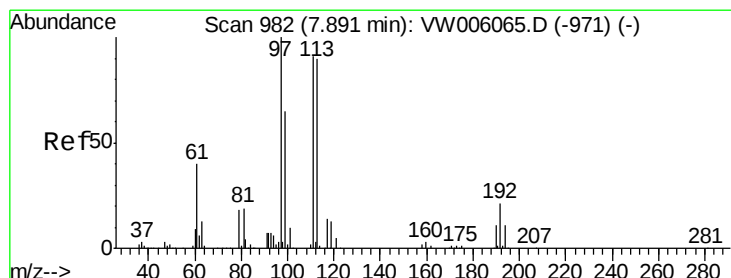
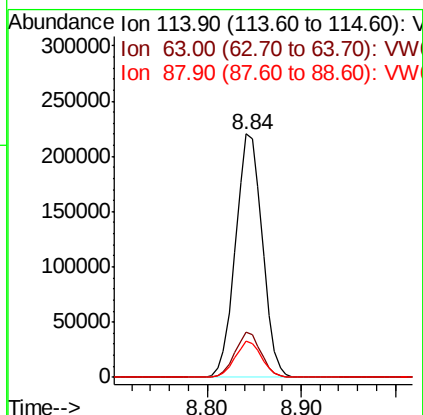
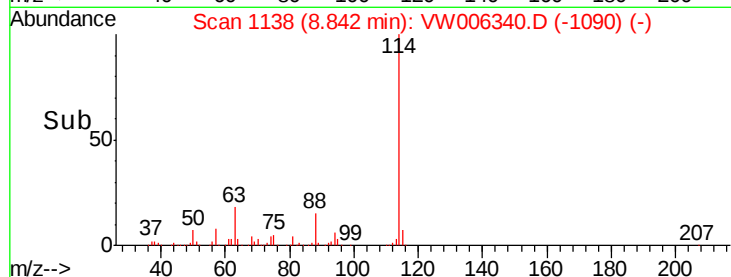
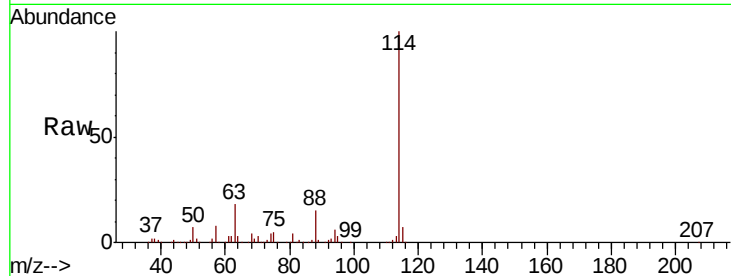




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006340.D
 Acq: 25 Oct 2018 02:46

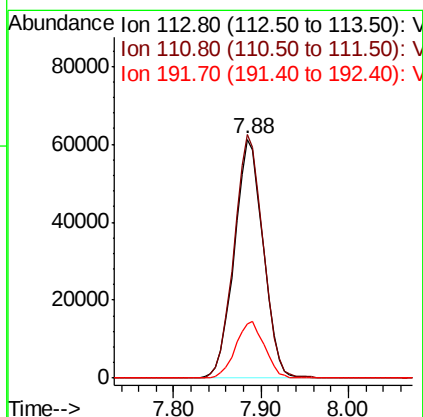
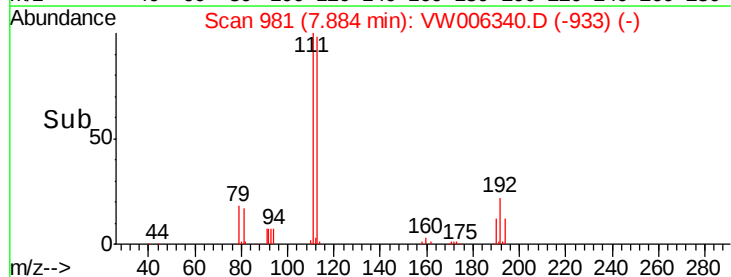
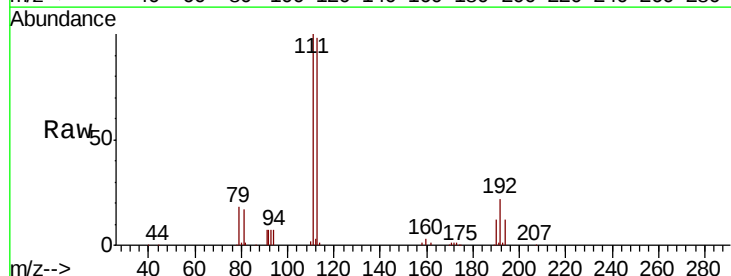
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-102318RE

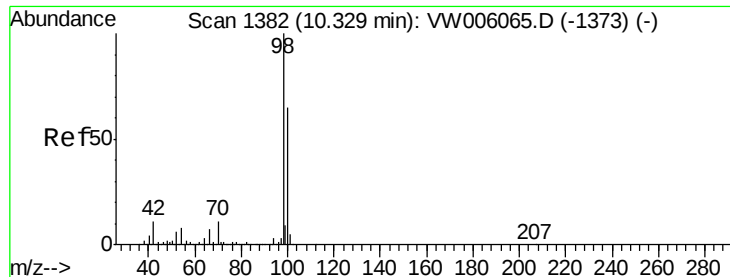
Tot Ion:114	Resp:	436437
Ion Ratio	Lower	Upper
114	100	
63	18.3	0.0 36.8
88	15.0	0.0 29.0



#35
 Dibromofluoromethane
 Concen: 54.463 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006340.D
 Acq: 25 Oct 2018 02:46

Tgt Ion:113	Resp:	140455
Ion Ratio	Lower	Upper
113	100	
111	102.8	81.4 122.0
192	23.9	18.7 28.1





#50

Toluene-d8

Concen: 48.616 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006340.D

Acq: 25 Oct 2018 02:46

Instrument :

MSVOA_W

ClientSampleId :

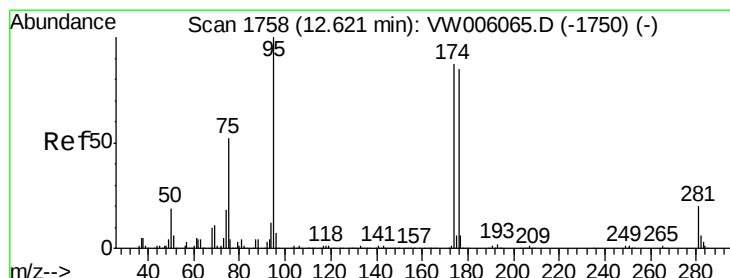
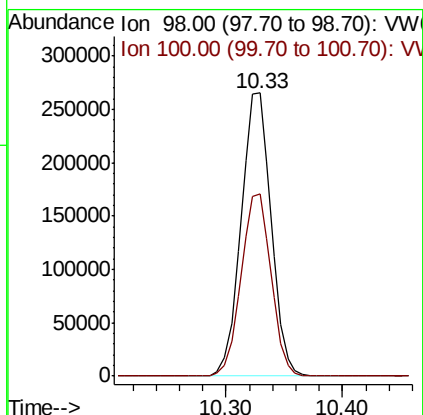
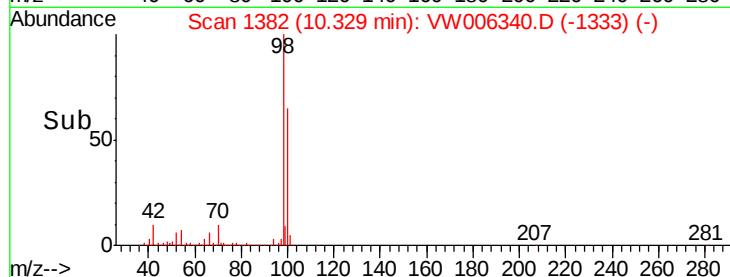
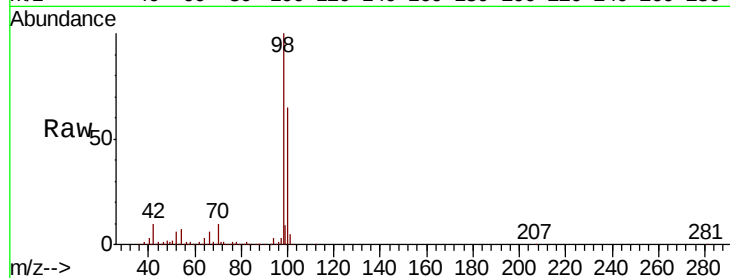
OK-03-102318RE

Tot Ion: 98 Resp: 476995

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 38.043 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006340.D

Acq: 25 Oct 2018 02:46

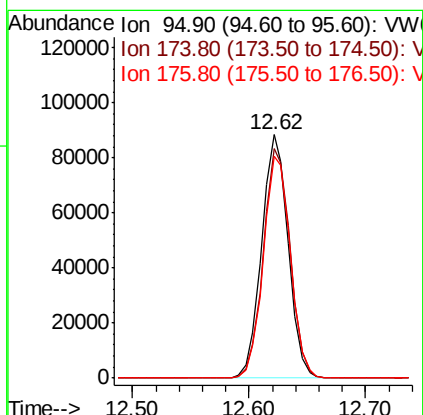
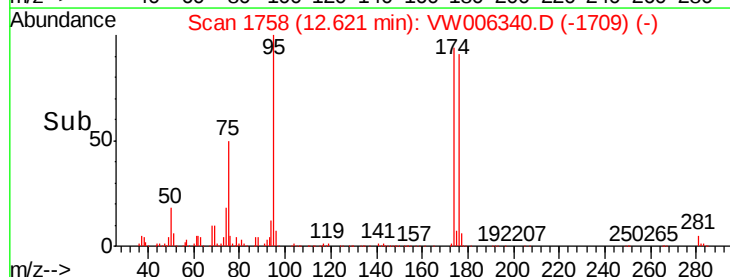
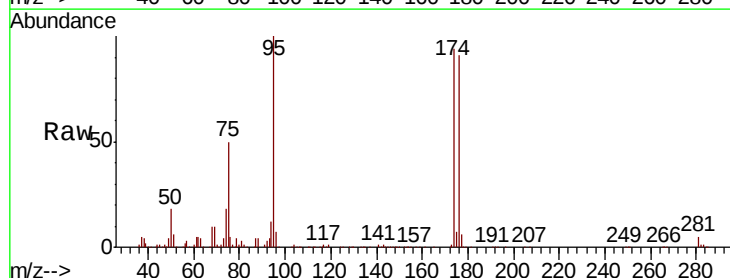
Tgt Ion: 95 Resp: 140190

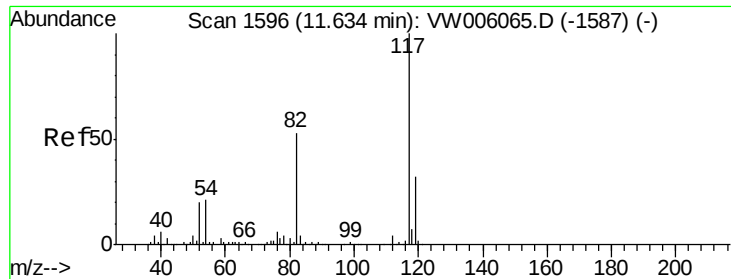
Ion Ratio Lower Upper

95 100

174 95.4 0.0 186.0

176 92.8 0.0 181.6

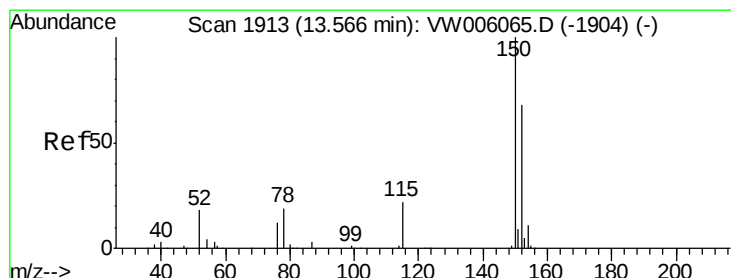
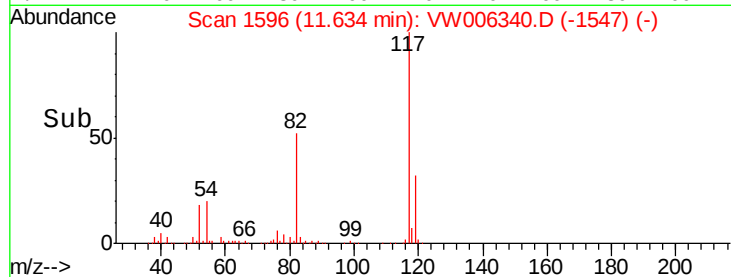
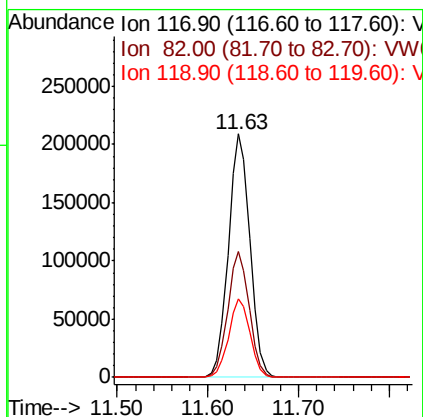
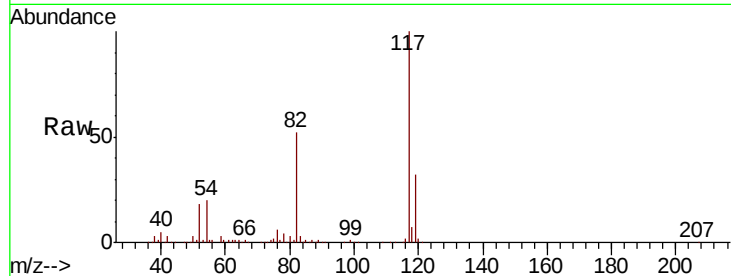




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006340.D
Acq: 25 Oct 2018 02:46

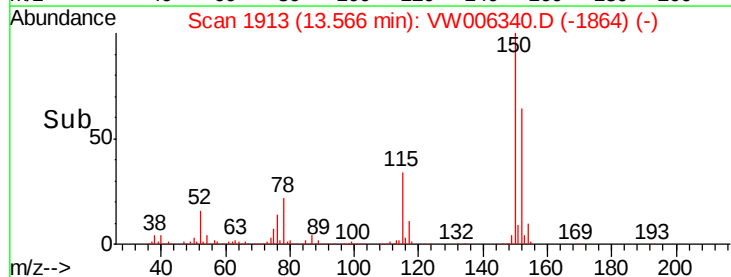
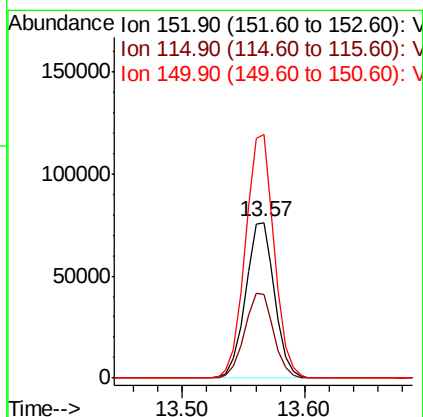
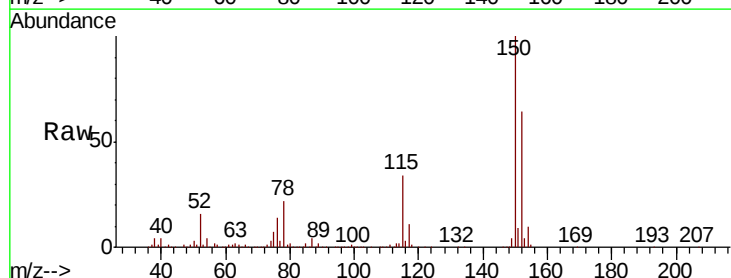
Instrument :
MSVOA_W
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OK-03-102318RE

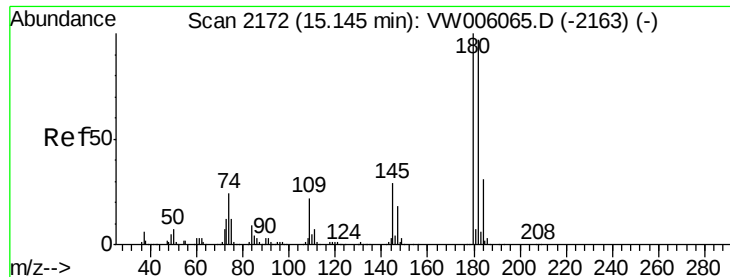
Tot Ion:117 Resp: 348091
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006340.D
Acq: 25 Oct 2018 02:46

Tgt Ion:152 Resp: 124822
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.3
150 155.8 0.0 349.2

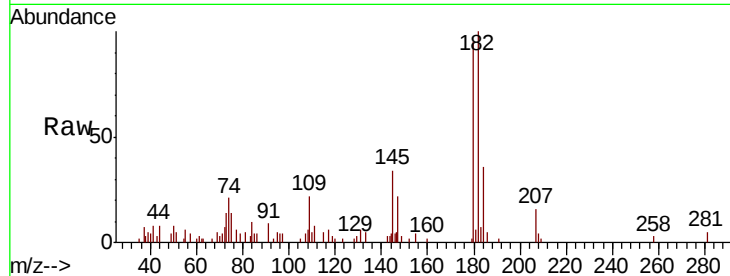




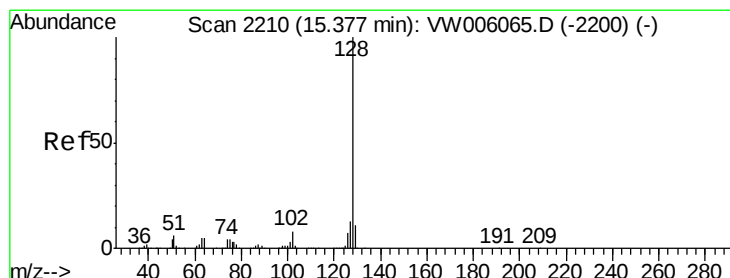
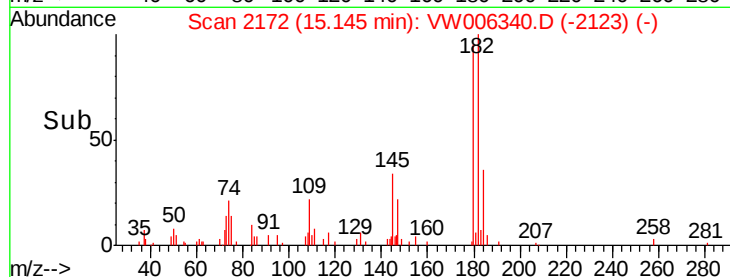
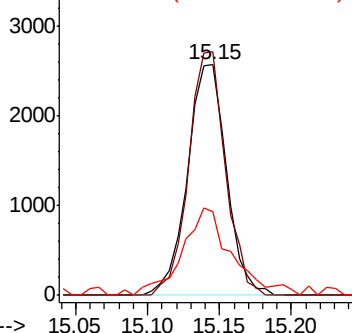
#93
 1,2,4-Trichlorobenzene
 Concen: 1.633 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW006340.D
 Acq: 25 Oct 2018 02:46

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-102318RE

Tot Ion:180 Resp: 4817
 Ion Ratio Lower Upper
 180 100
 182 99.5 47.9 143.6
 145 49.0 14.2 42.8#

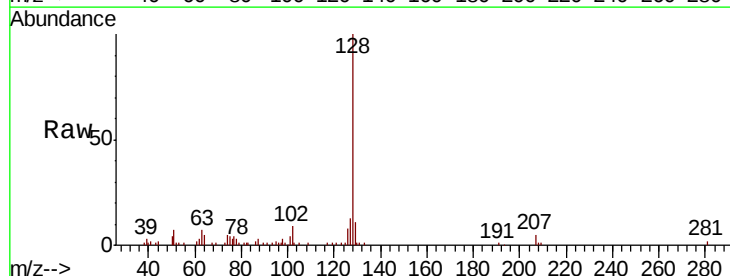


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 4.027 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW006340.D
 Acq: 25 Oct 2018 02:46

Tgt Ion:128 Resp: 19763
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.3 15.5
 129 12.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

