

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003863.D
 Acq On : 11 Jul 2018 09:58
 Operator : SY/AP
 Sample : J3828-03
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-071018-B

Quant Time: Jul 11 11:33:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

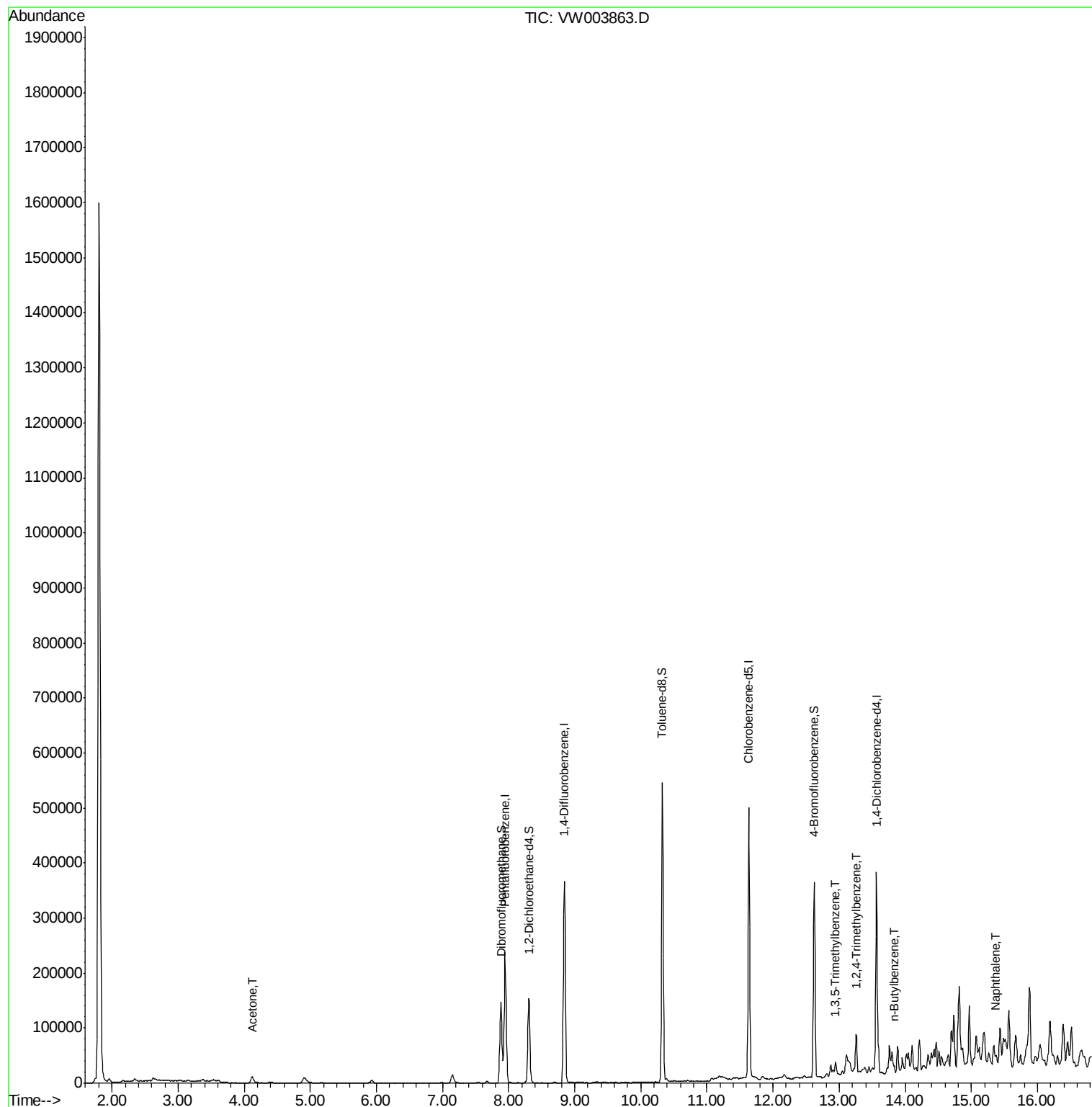
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	166248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	291445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	256326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	91597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122740	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
35) Dibromofluoromethane	7.88	113	102639	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
50) Toluene-d8	10.32	98	352948	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
62) 4-Bromofluorobenzene	12.62	95	109055	38.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.26%	
Target Compounds						
16) Acetone	4.12	43	20417	54.13	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	6980	1.31	ug/l	92
84) 1,2,4-Trimethylbenzene	13.26	105	38169	6.87	ug/l	98
89) n-Butylbenzene	13.83	91	6401	1.13	ug/l #	79
95) Naphthalene	15.38	128	9175	2.70	ug/l #	87

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003863.D

Acq: 11 Jul 2018 09:58

Instrument :

MSVOA_W

ClientSampleId :

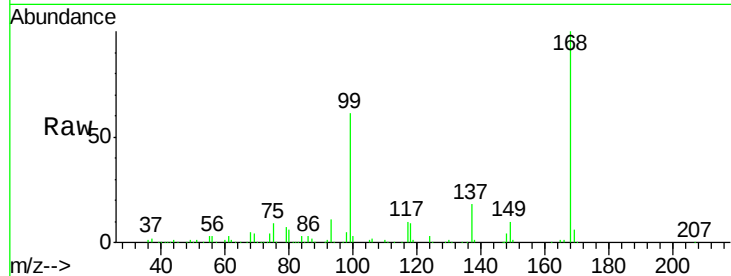
EO-01-071018-B

Tot Ion:168 Resp: 166248

Ion Ratio Lower Upper

168 100

99 61.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

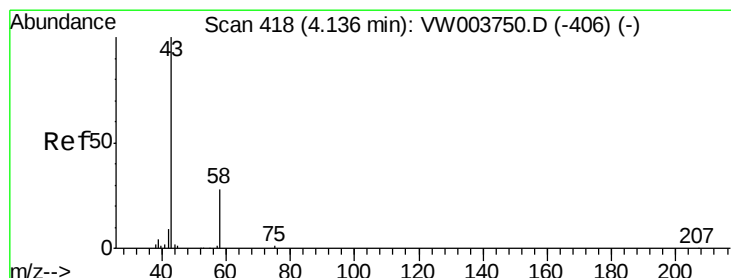
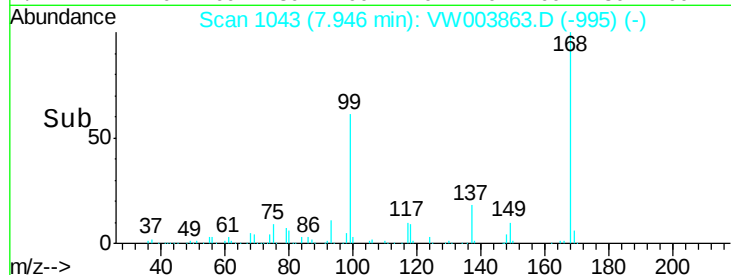
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 54.13 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW003863.D

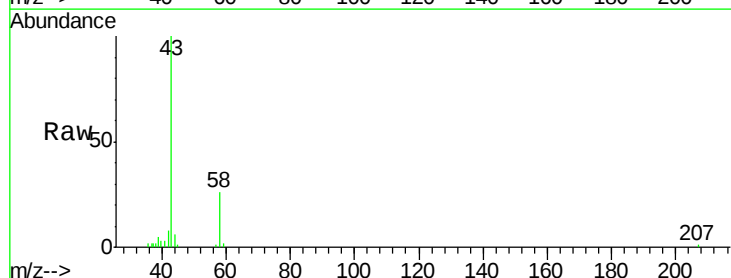
Acq: 11 Jul 2018 09:58

Tgt Ion: 43 Resp: 20417

Ion Ratio Lower Upper

43 100

58 26.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

6000

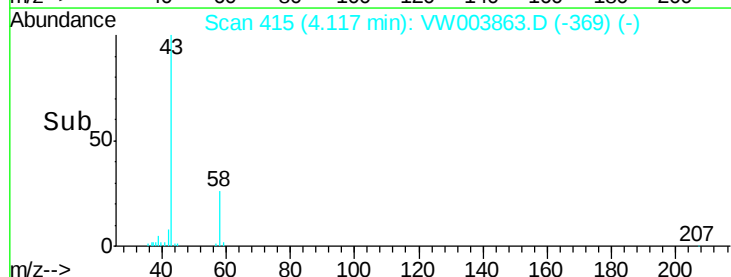
4000

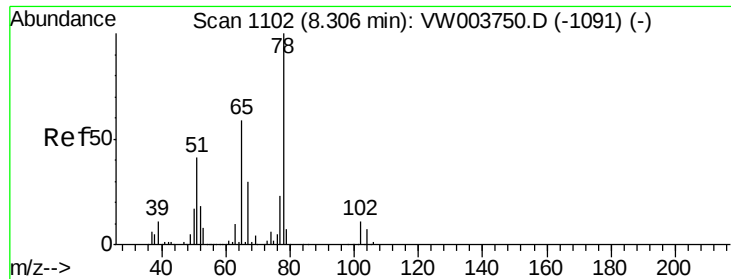
2000

0

4.00 4.10 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.46 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003863.D

Acq: 11 Jul 2018 09:58

Instrument :

MSVOA_W

ClientSampleId :

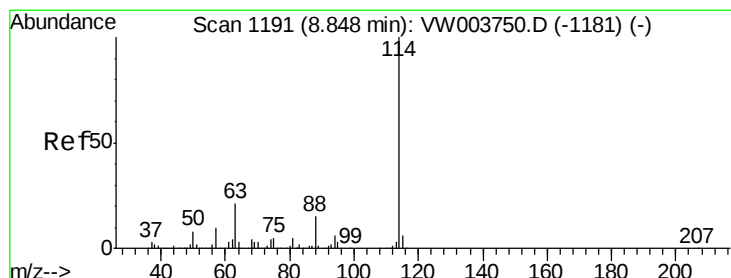
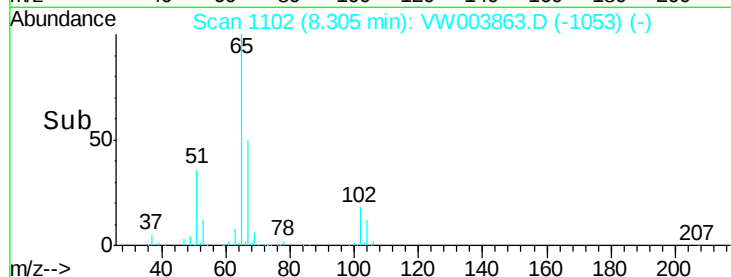
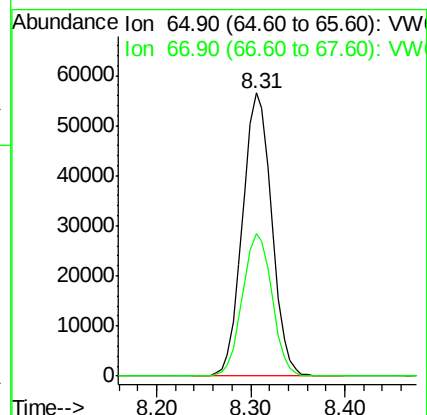
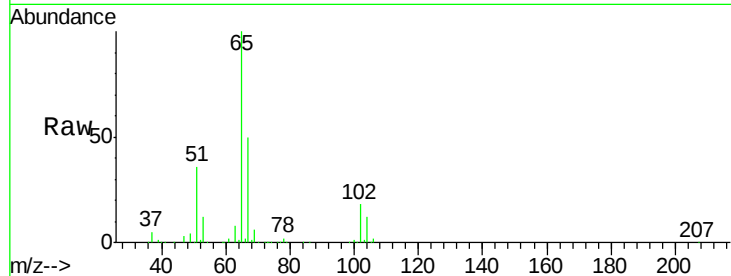
EO-01-071018-B

Tot Ion: 65 Resp: 122740

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003863.D

Acq: 11 Jul 2018 09:58

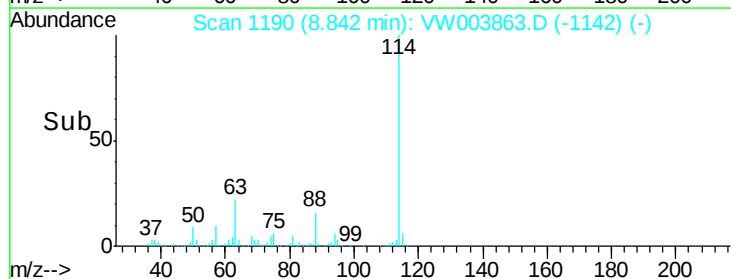
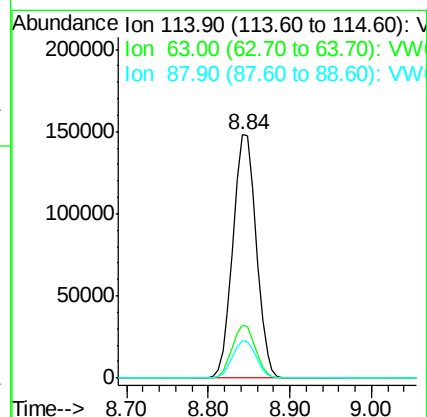
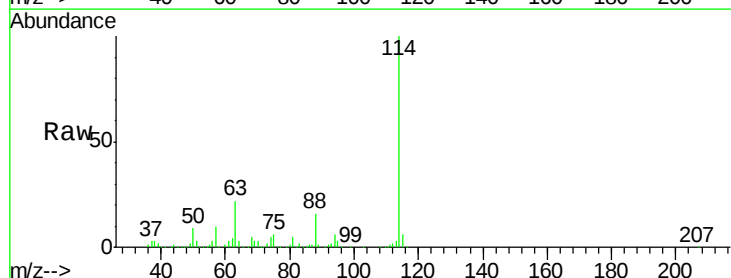
Tgt Ion: 114 Resp: 291445

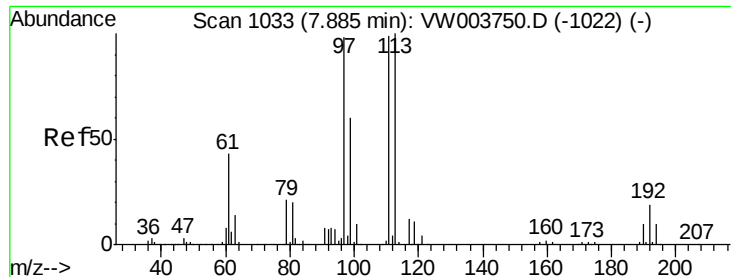
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 15.7 0.0 30.2

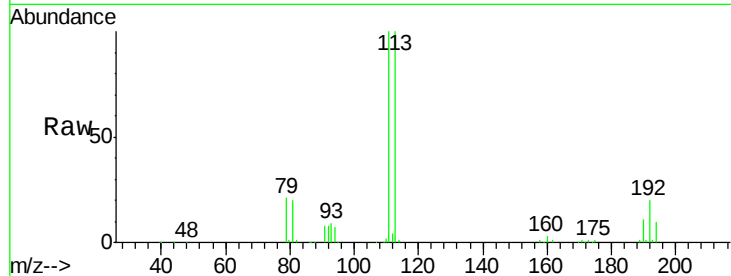




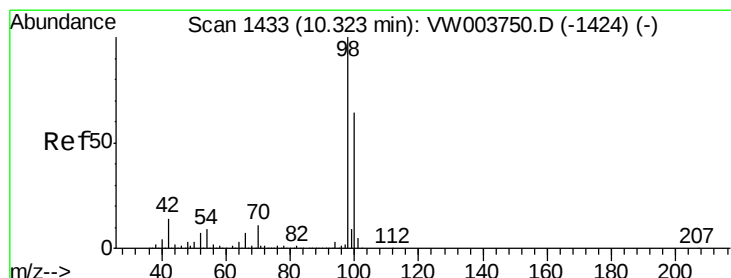
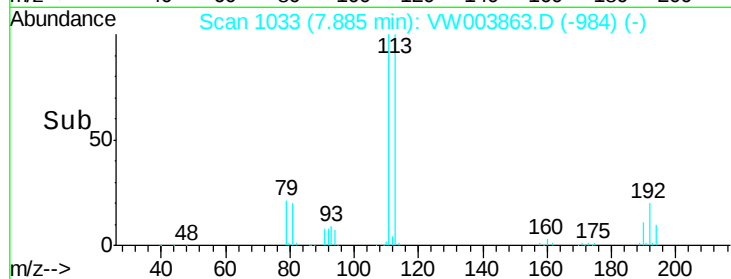
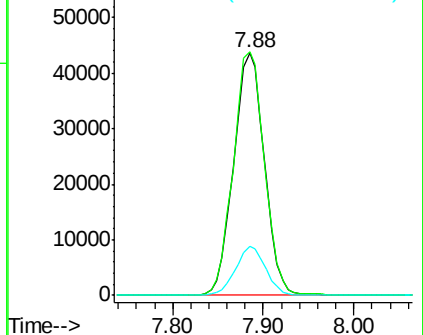
#35
 Dibromofluoromethane
 Concen: 50.32 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003863.D
 Acq: 11 Jul 2018 09:58

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-071018-B

Tot Ion:113 Resp: 102639
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 19.6 15.8 23.8

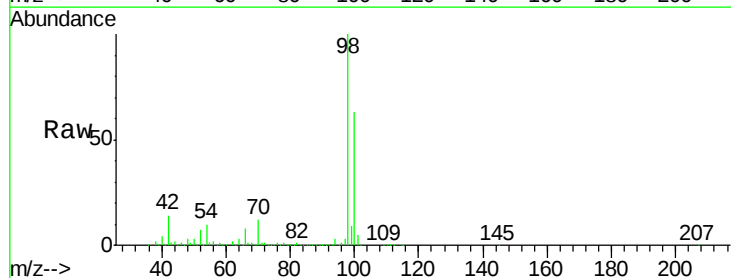


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

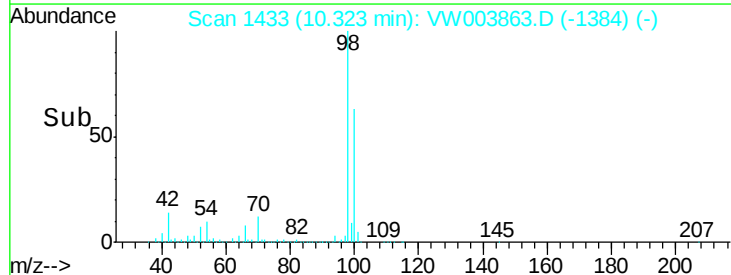
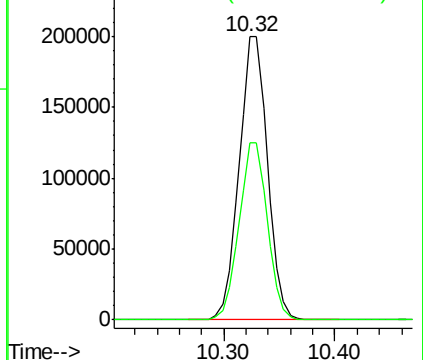


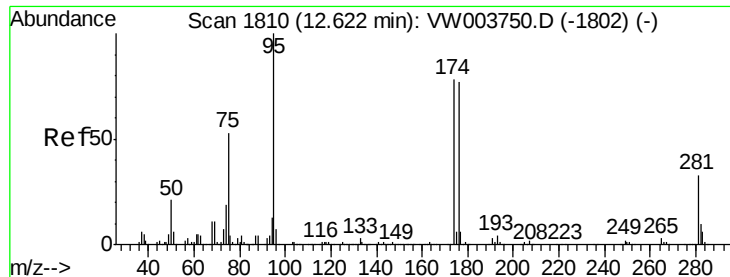
#50
 Toluene-d8
 Concen: 45.23 ug/l
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW003863.D
 Acq: 11 Jul 2018 09:58

Tgt Ion: 98 Resp: 352948
 Ion Ratio Lower Upper
 98 100
 100 62.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

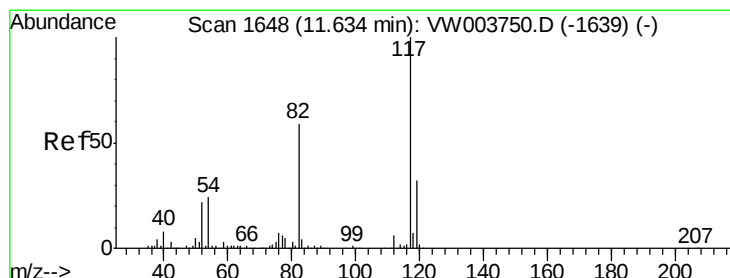
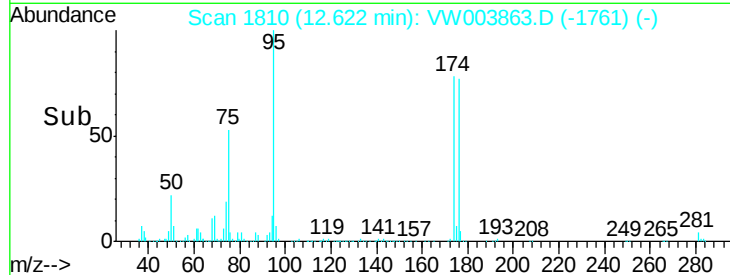
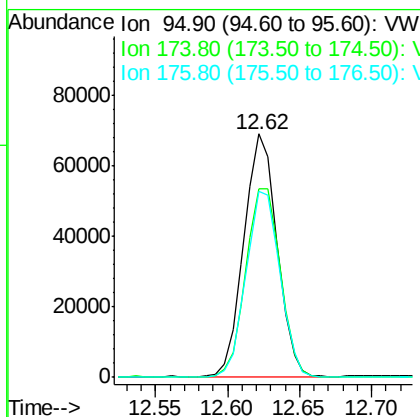
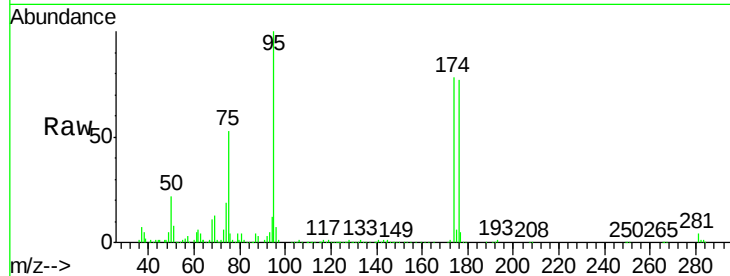




#62
4-Bromofluorobenzene
Concen: 38.63 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW003863.D
Acq: 11 Jul 2018 09:58

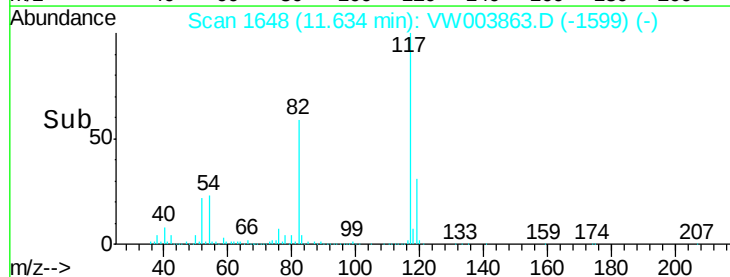
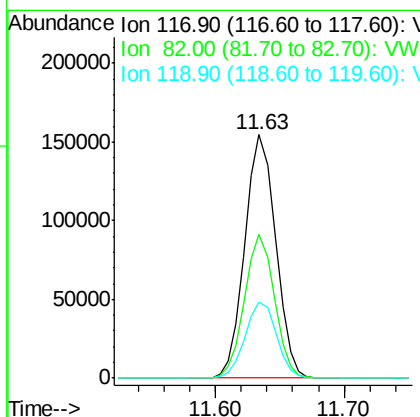
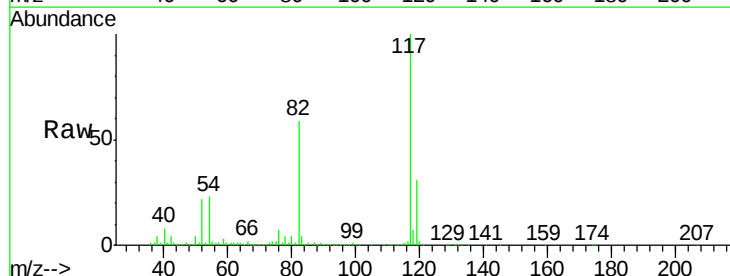
Instrument :
MSVOA_W
ClientSampleId :
EO-01-071018-B

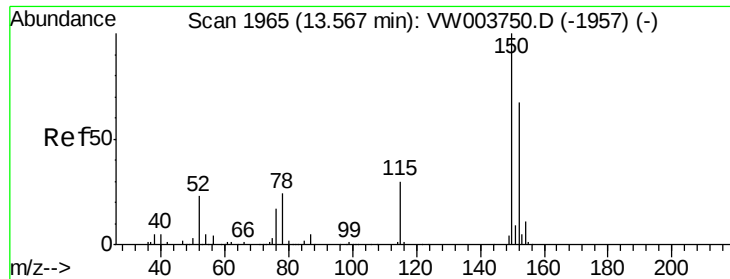
Tot Ion	95	Resp	109055
Ion Ratio	Lower	Upper	
95	100		
174	81.2	0.0	163.4
176	78.6	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003863.D
Acq: 11 Jul 2018 09:58

Tgt Ion	117	Resp	256326
Ion Ratio	Lower	Upper	
117	100		
82	58.8	46.9	70.3
119	31.3	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003863.D

Acq: 11 Jul 2018 09:58

Instrument :

MSVOA_W

ClientSampleId :

EO-01-071018-B

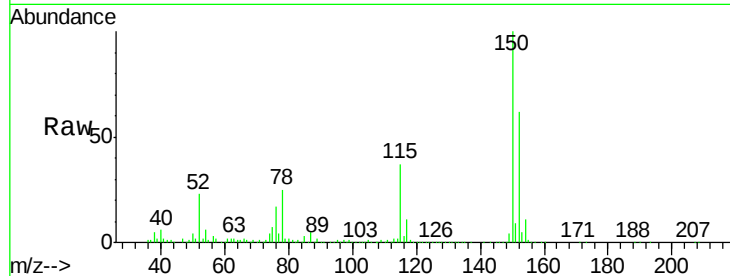
Tot Ion:152 Resp: 91597

Ion Ratio Lower Upper

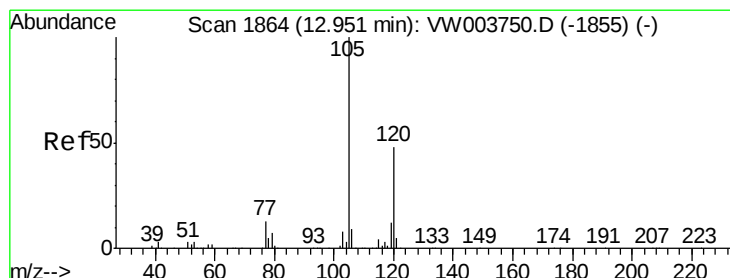
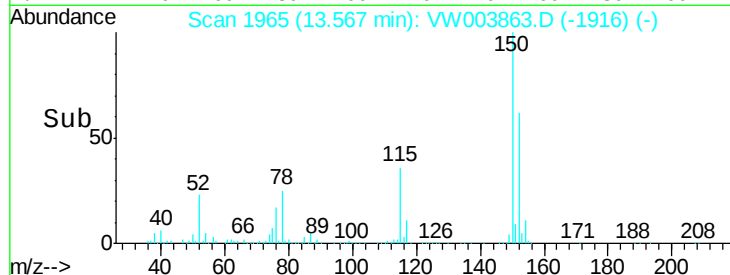
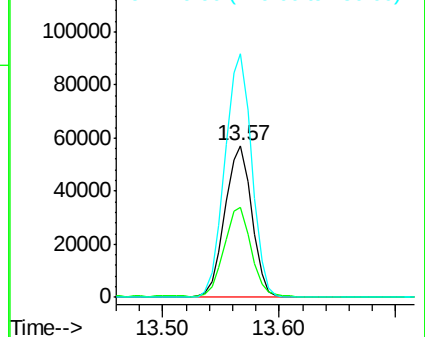
152 100

115 59.7 28.9 86.8

150 159.5 0.0 342.4



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



#80

1,3,5-Trimethylbenzene

Concen: 1.31 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003863.D

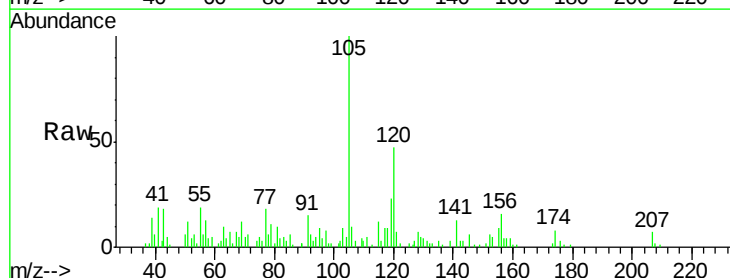
Acq: 11 Jul 2018 09:58

Tgt Ion:105 Resp: 6980

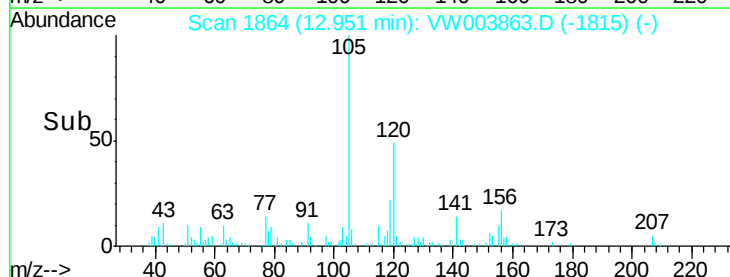
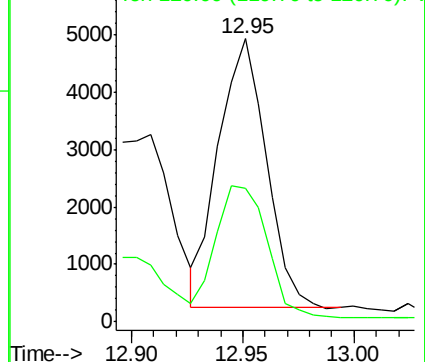
Ion Ratio Lower Upper

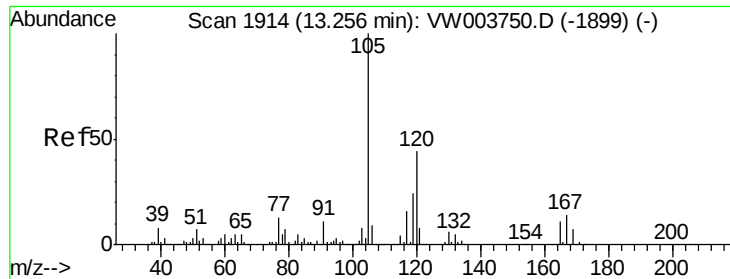
105 100

120 54.1 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

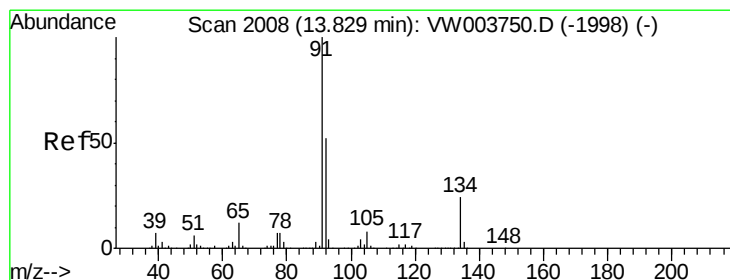
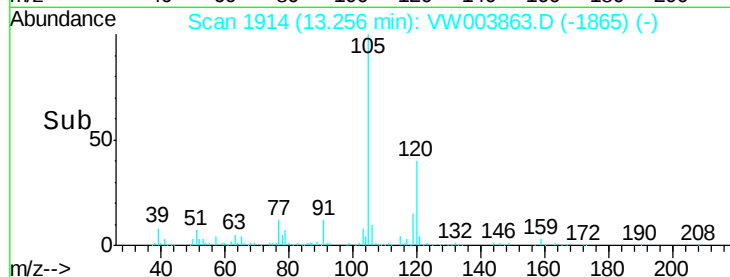
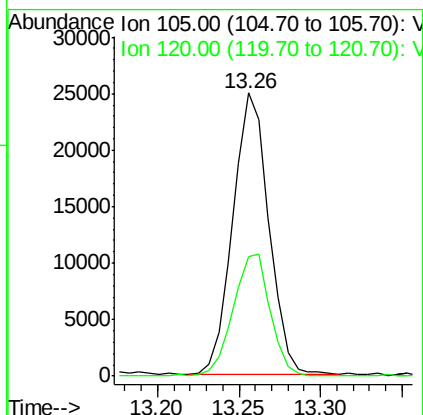
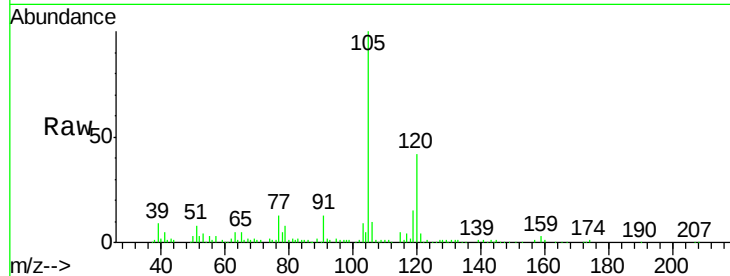




#84
 1,2,4-Trimethylbenzene
 Concen: 6.87 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW003863.D
 Acq: 11 Jul 2018 09:58

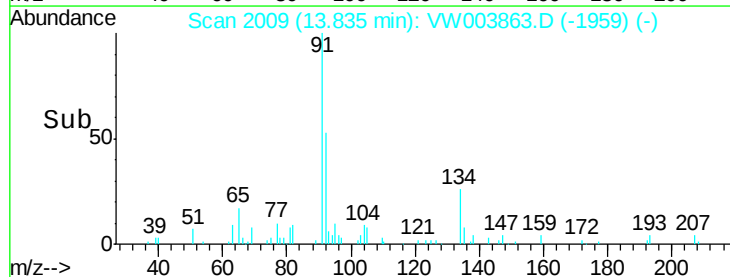
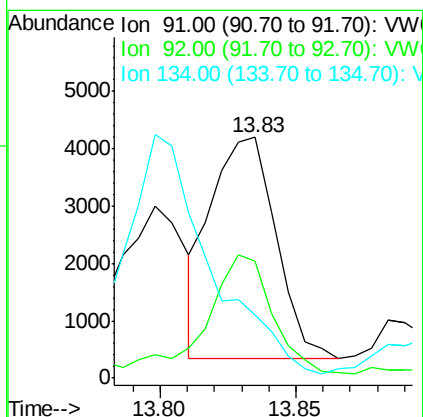
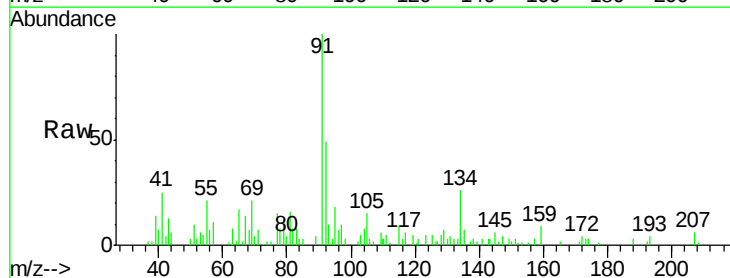
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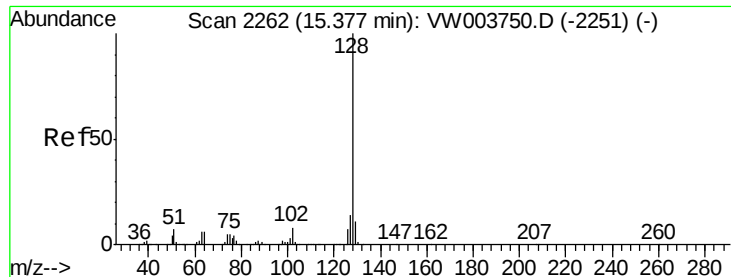
Tot Ion:105 Resp: 38169
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.0 66.0



#89
 n-Butylbenzene
 Concen: 1.13 ug/l
 RT: 13.83 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: VW003863.D
 Acq: 11 Jul 2018 09:58

Tgt Ion: 91 Resp: 6401
 Ion Ratio Lower Upper
 91 100
 92 56.9 26.1 78.3
 134 0.0 12.4 37.4#





#95

Naphthalene

Concen: 2.70 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003863.D

Acq: 11 Jul 2018 09:58

Instrument :

MSVOA_W

ClientSampleId :

EO-01-071018-B

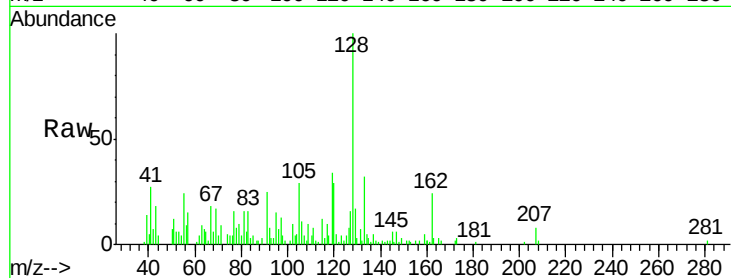
Tot Ion:128 Resp: 9175

Ion Ratio Lower Upper

128 100

127 21.3 10.8 16.2#

129 8.7 8.6 13.0



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

