

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006868.D
 Acq On : 13 Nov 2018 21:08
 Operator : SY/AP
 Sample : J5860-20
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-109(22-24)

Quant Time: Nov 14 07:06:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

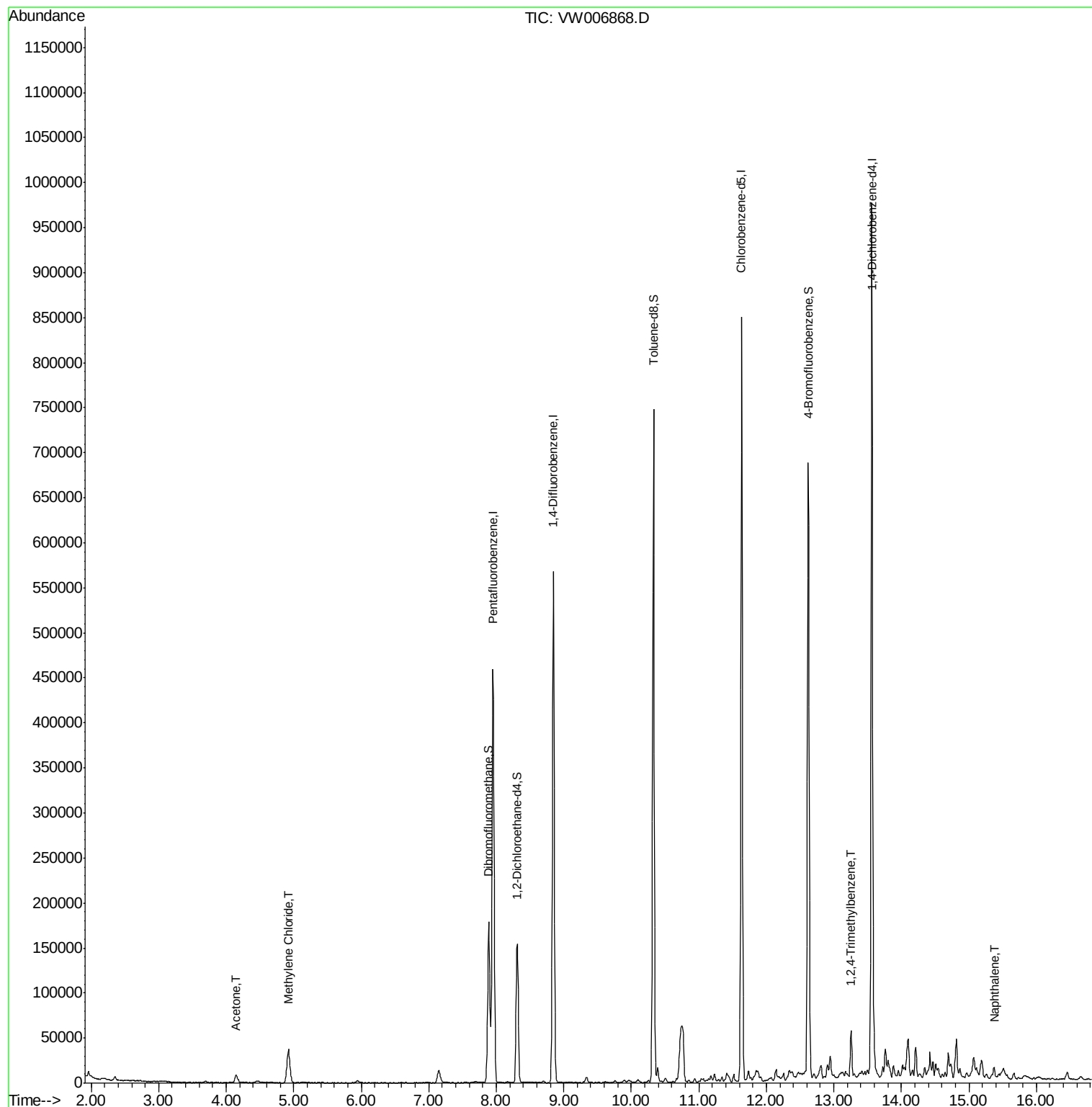
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	400818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	541004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	530675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	298899	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120900	41.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.52%	
35) Dibromofluoromethane	7.89	113	129618	40.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.48%	
50) Toluene-d8	10.33	98	546442	40.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.84%	
62) 4-Bromofluorobenzene	12.62	95	209816	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
Target Compounds						
16) Acetone	4.15	43	16186	38.465	ug/l	96
20) Methylene Chloride	4.92	84	32323	3.615	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	29191	1.608	ug/l	99
95) Naphthalene	15.38	128	12251	1.169	ug/l #	96

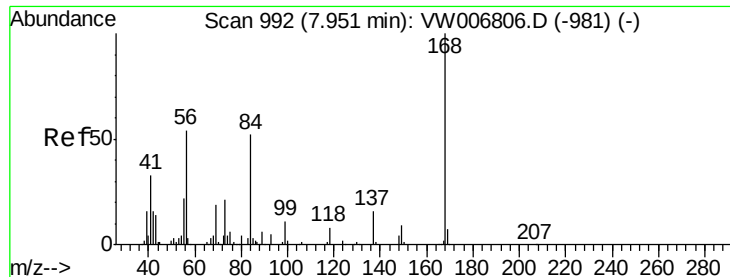
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 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: VW006868.D

Acq: 13 Nov 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

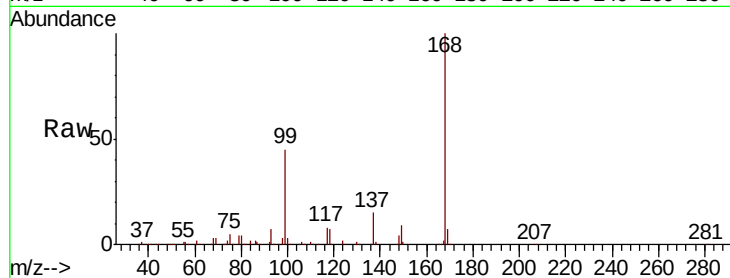
EP2-SB-109(22-24)

Tot Ion:168 Resp: 400818

Ion Ratio Lower Upper

168 100

99 45.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

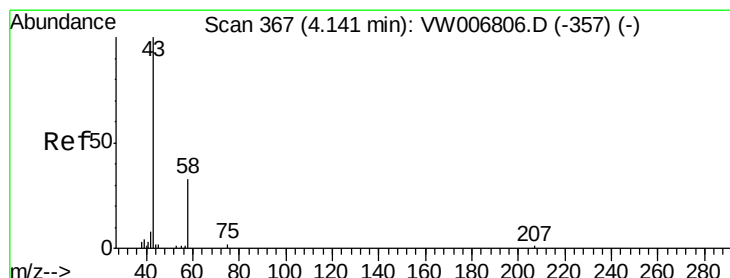
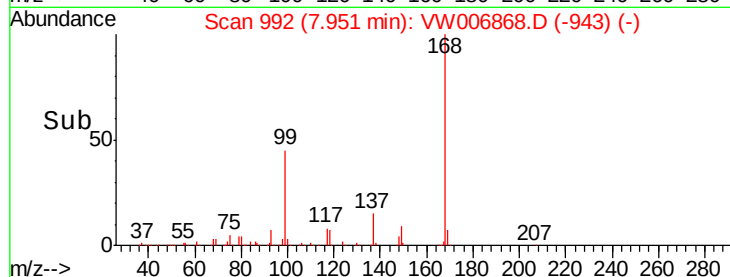
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 38.465 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006868.D

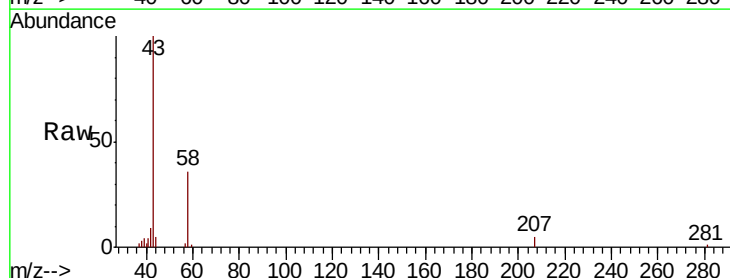
Acq: 13 Nov 2018 21:08

Tgt Ion: 43 Resp: 16186

Ion Ratio Lower Upper

43 100

58 35.6 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

6000

5000

4000

3000

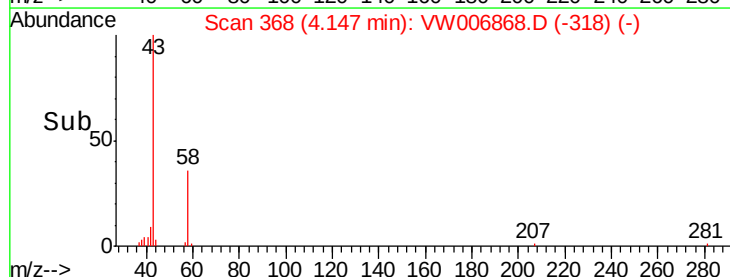
2000

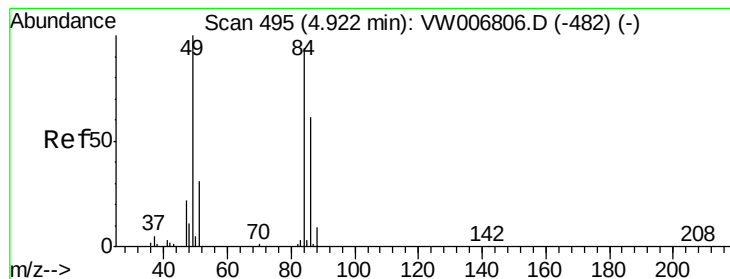
1000

0

4.00 4.10 4.20

Time-->





#20

Methylene Chloride

Concen: 3.615 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006868.D

Acq: 13 Nov 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-109(22-24)

Tot Ion: 84 Resp: 32323

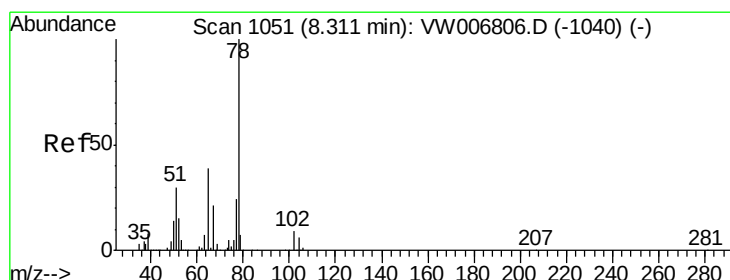
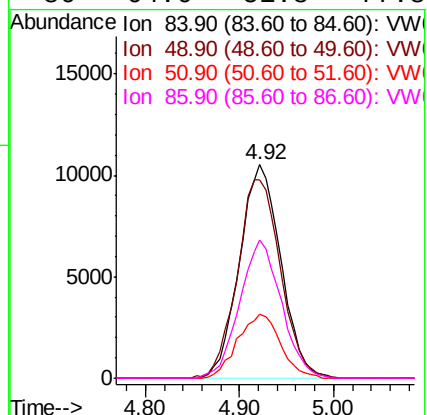
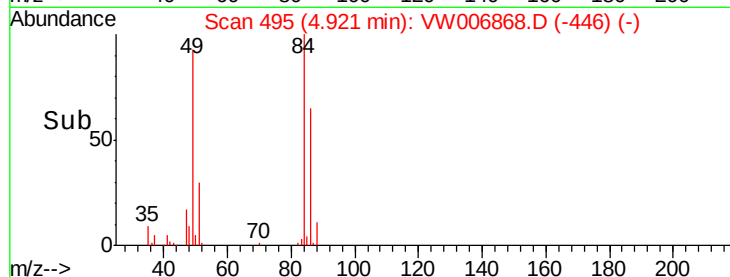
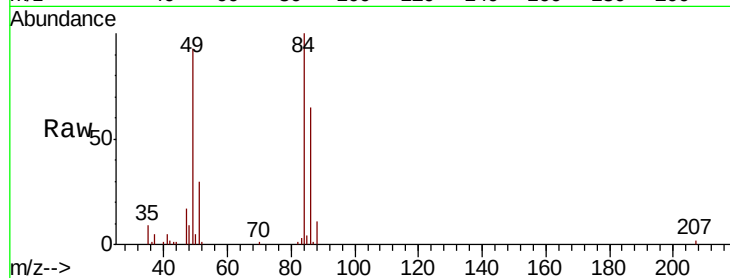
Ion Ratio Lower Upper

84 100

49 93.0 84.8 127.2

51 29.7 26.2 39.4

86 64.6 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 41.262 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006868.D

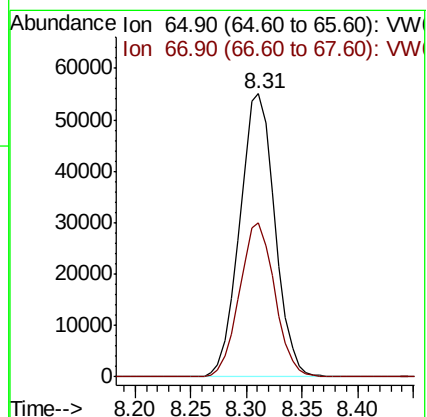
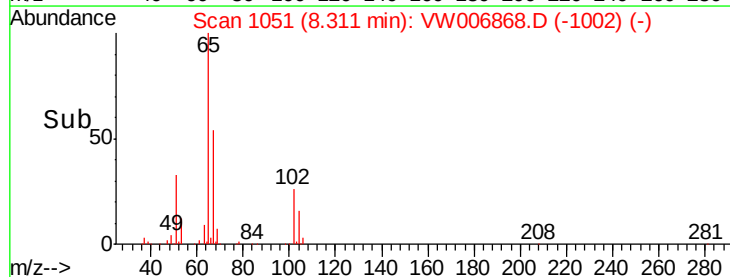
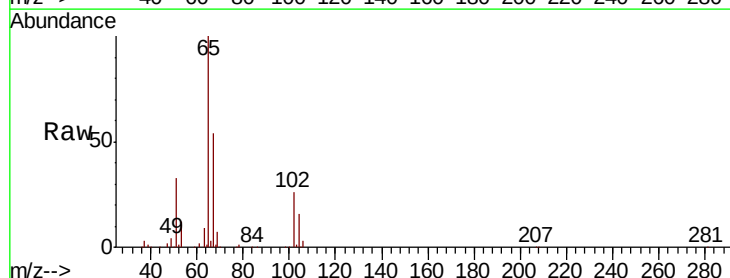
Acq: 13 Nov 2018 21:08

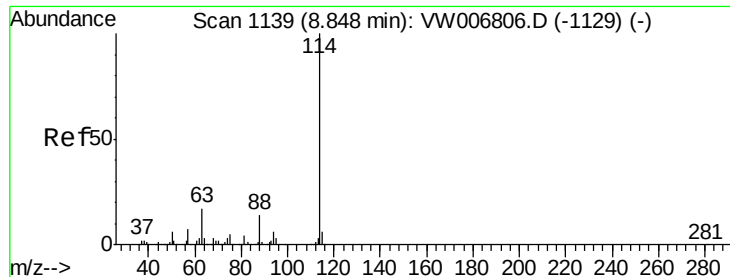
Tgt Ion: 65 Resp: 120900

Ion Ratio Lower Upper

65 100

67 54.6 0.0 104.4

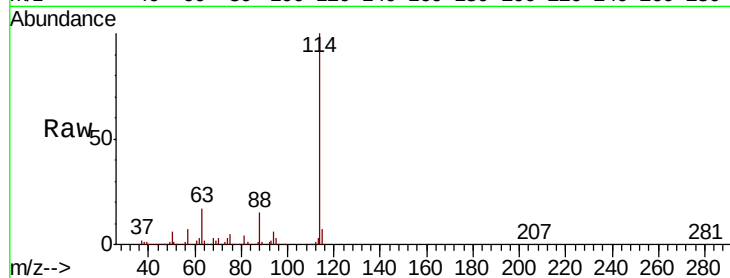




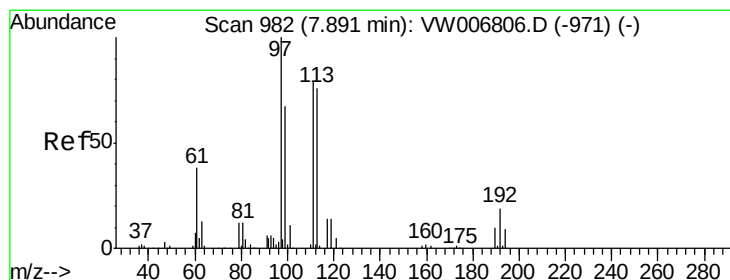
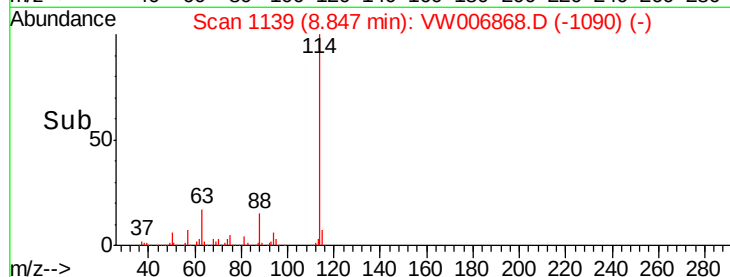
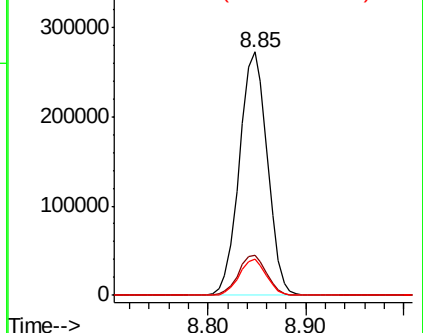
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006868.D
 Acq: 13 Nov 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-109(22-24)

Tot Ion:114 Resp: 541004
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.6
 88 15.0 0.0 28.4

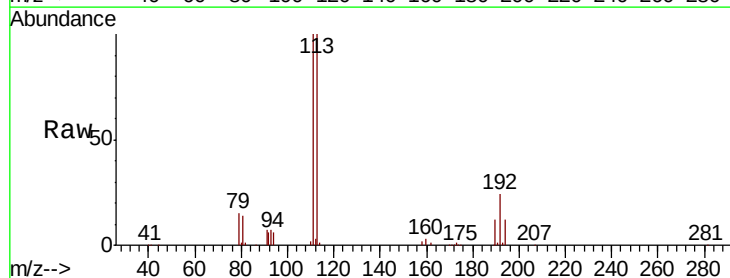


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

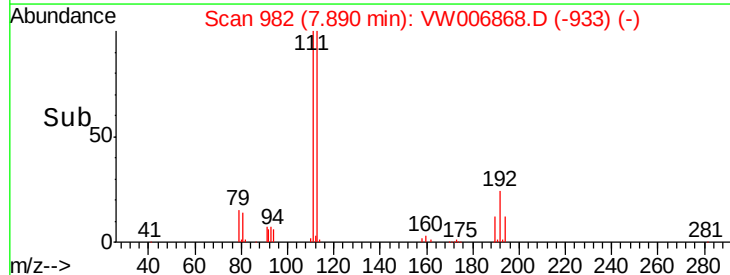
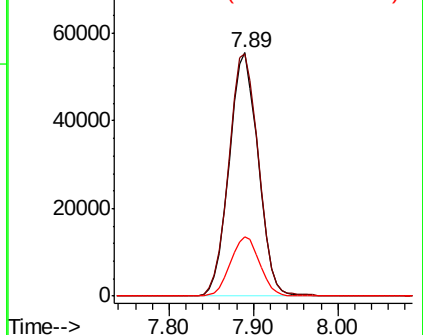


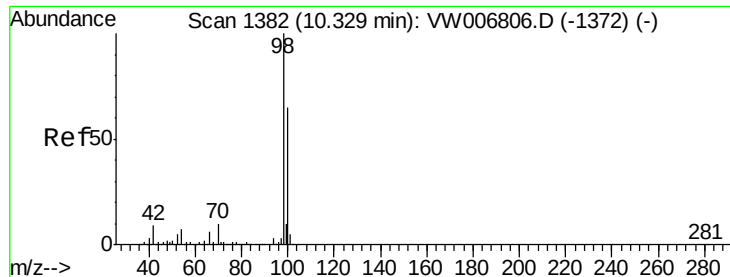
#35
 Dibromofluoromethane
 Concen: 40.235 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006868.D
 Acq: 13 Nov 2018 21:08

Tgt Ion:113 Resp: 129618
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.0 121.6
 192 24.5 19.0 28.6



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: 40.924 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006868.D

Acq: 13 Nov 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

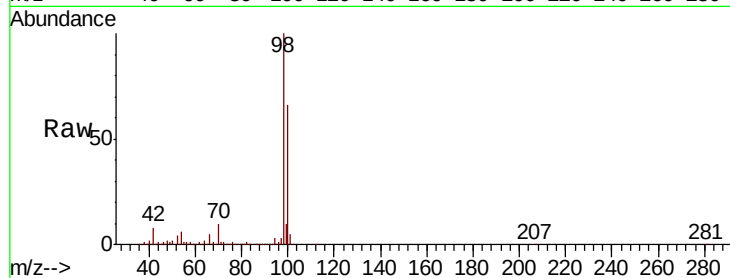
EP2-SB-109(22-24)

Tot Ion: 98 Resp: 546442

Ion Ratio Lower Upper

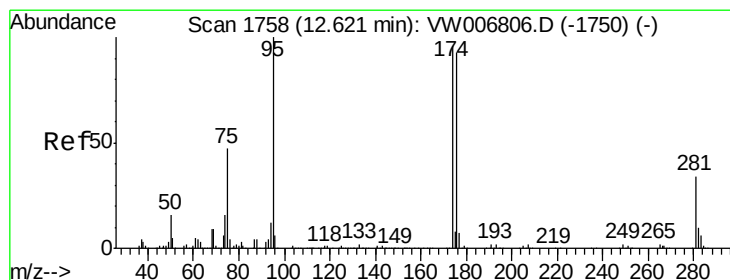
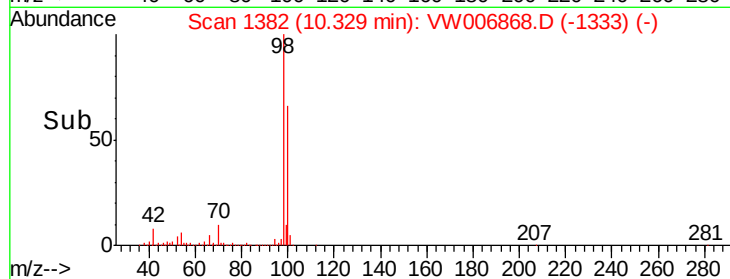
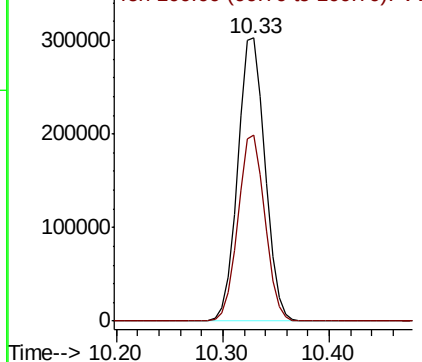
98 100

100 64.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.663 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006868.D

Acq: 13 Nov 2018 21:08

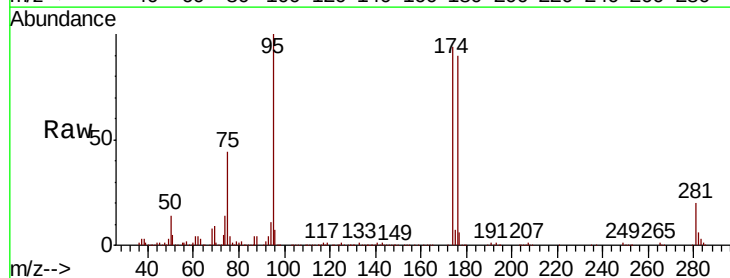
Tgt Ion: 95 Resp: 209816

Ion Ratio Lower Upper

95 100

174 97.8 0.0 196.6

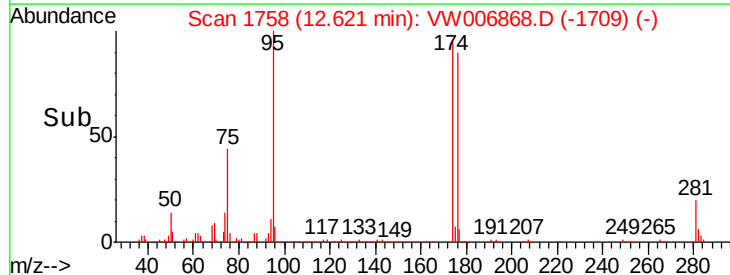
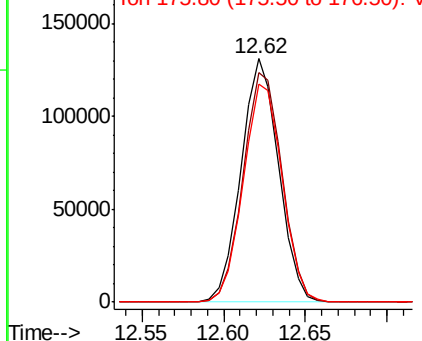
176 93.1 0.0 191.6

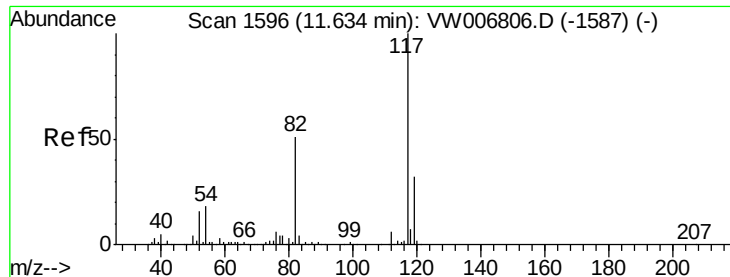


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

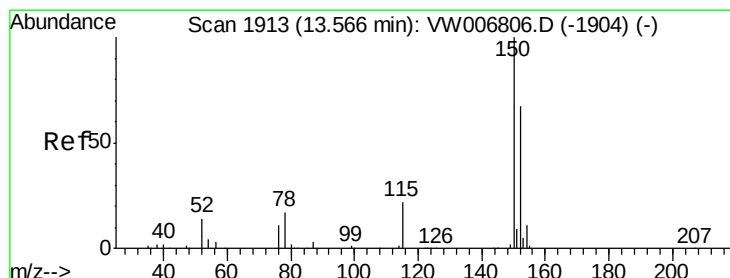
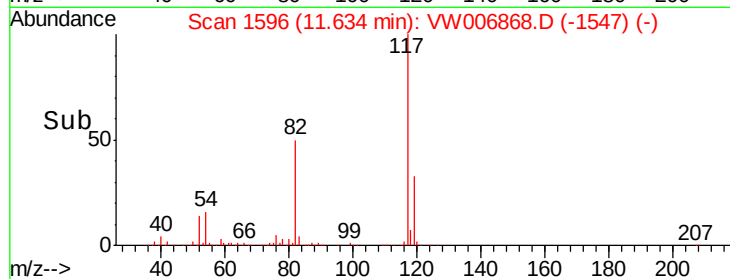
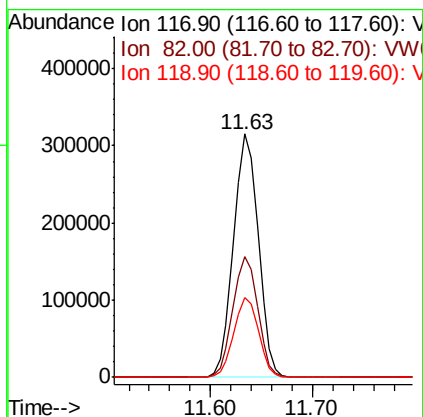
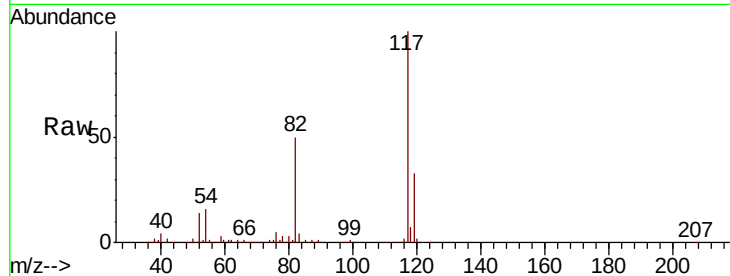




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006868.D
Acq: 13 Nov 2018 21:08

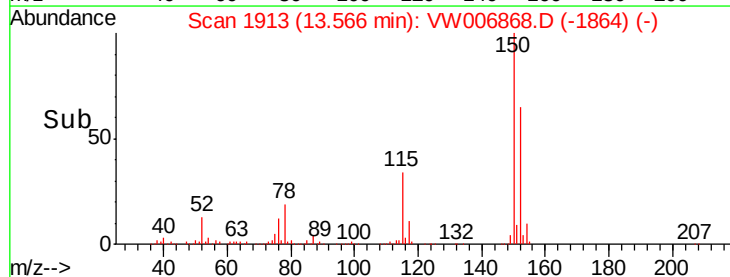
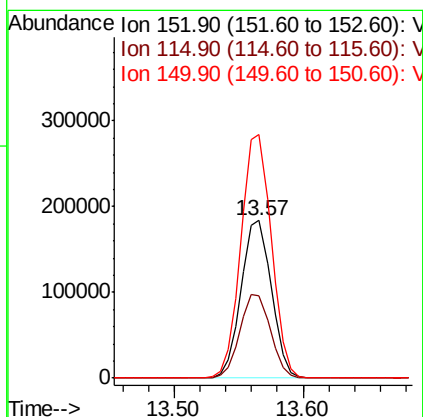
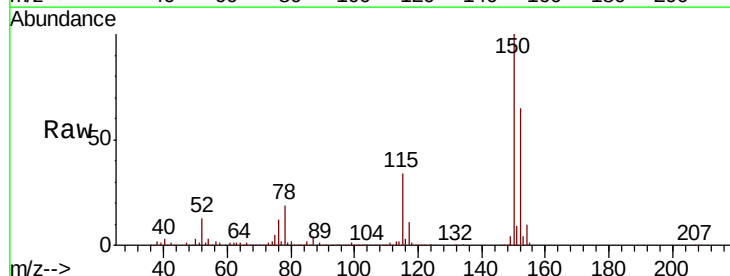
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EP2-SB-109(22-24)

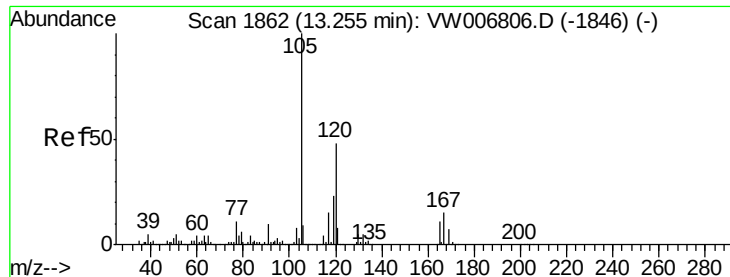
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	40.6	61.0
119	32.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006868.D
Acq: 13 Nov 2018 21:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.3	81.8
150	155.4	0.0	353.0

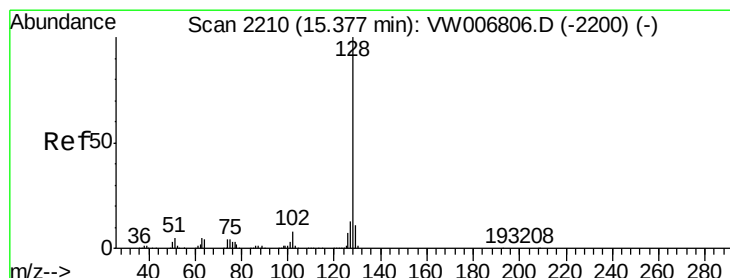
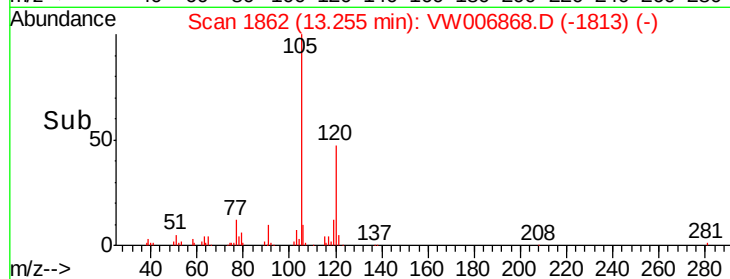
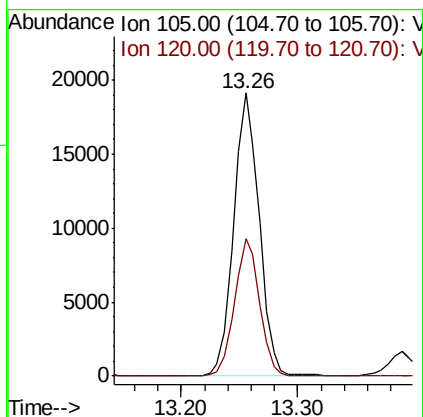
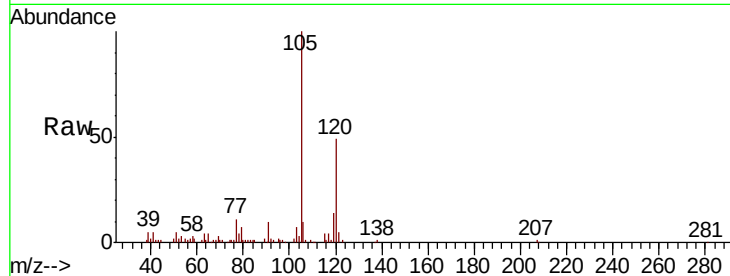




#84
 1,2,4-Trimethylbenzene
 Concen: 1.608 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006868.D
 Acq: 13 Nov 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-109(22-24)

Tot Ion:105 Resp: 29191
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.0



#95
 Naphthalene
 Concen: 1.169 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW006868.D
 Acq: 13 Nov 2018 21:08

Tgt Ion:128 Resp: 12251
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.3 15.5
 129 13.3 8.6 13.0#

