

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005421.D
 Acq On : 15 Sep 2018 08:34
 Operator : SY/AP
 Sample : J4775-07
 Misc : 7.42G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-091418-B

Quant Time: Sep 17 17:20:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	227431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	374338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	335067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110556	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.88	113	20642	9.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.66%	
50) Toluene-d8	10.33	98	366032	38.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.16%	
62) 4-Bromofluorobenzene	12.62	95	120725	34.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.50%	

Target Compounds

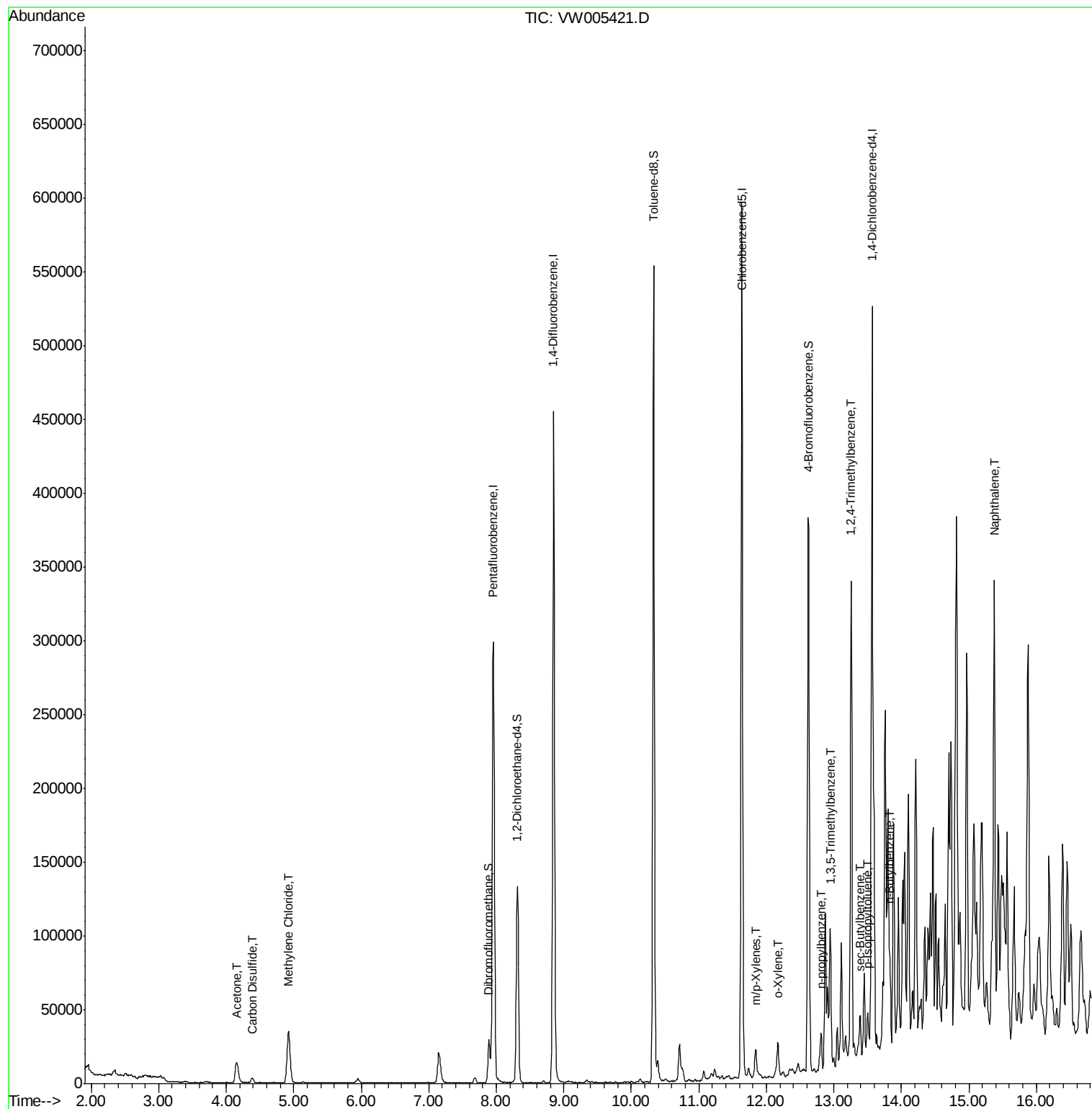
						Qvalue
16) Acetone	4.15	43	30005	75.83	ug/l	98
17) Carbon Disulfide	4.39	76	6588	1.06	ug/l	96
20) Methylene Chloride	4.92	84	26679	6.38	ug/l	96
68) m/p-Xylenes	11.84	106	5400	1.12	ug/l	94
69) o-Xylene	12.18	106	5427	1.21	ug/l	96
78) n-propylbenzene	12.81	91	19359	1.74	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	35937	4.46	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	178401	21.80	ug/l	98
85) sec-Butylbenzene	13.39	105	17098	1.77	ug/l	89
86) p-Isopropyltoluene	13.51	119	11782	1.36	ug/l	97
89) n-Butylbenzene	13.83	91	29954	3.72	ug/l #	80
95) Naphthalene	15.38	128	244086	56.70	ug/l	100

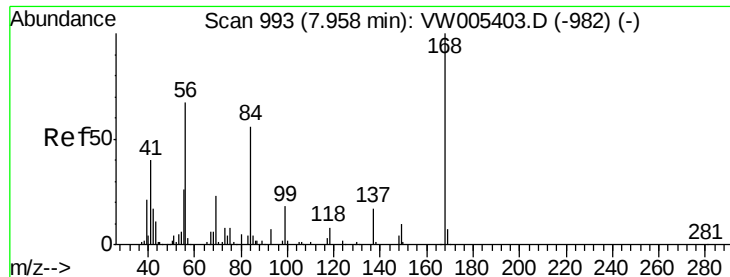
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091618\
Data File : VW005421.D
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Quant Time: Sep 17 17:20:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

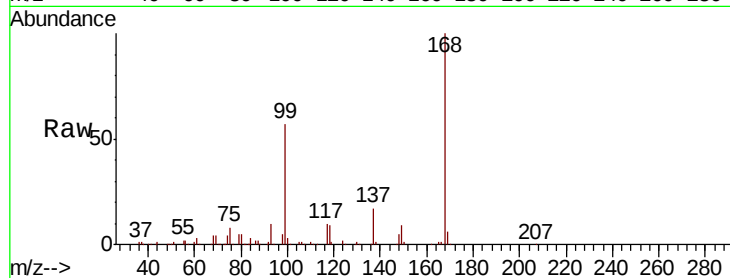
OR-03-091418-B

Tot Ion:168 Resp: 227431

Ion Ratio Lower Upper

168 100

99 56.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

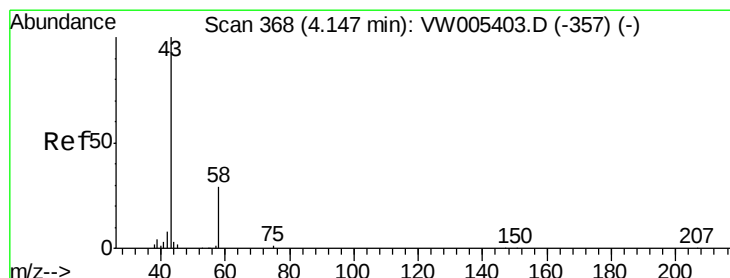
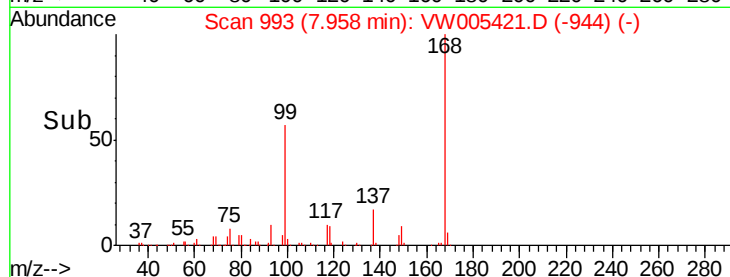
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 75.83 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW005421.D

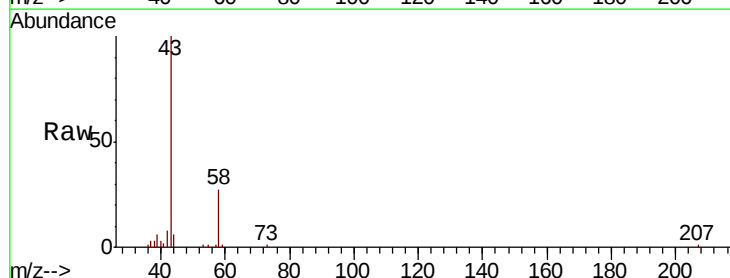
Acq: 15 Sep 2018 08:34

Tgt Ion: 43 Resp: 30005

Ion Ratio Lower Upper

43 100

58 27.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

10000

8000

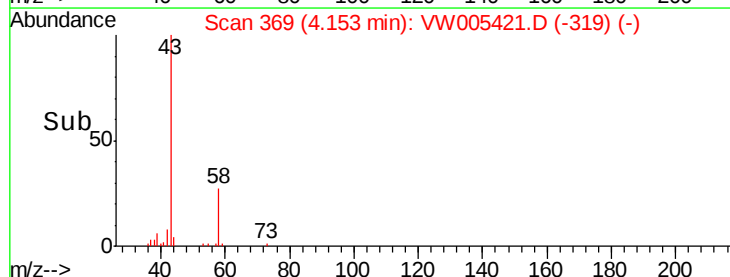
6000

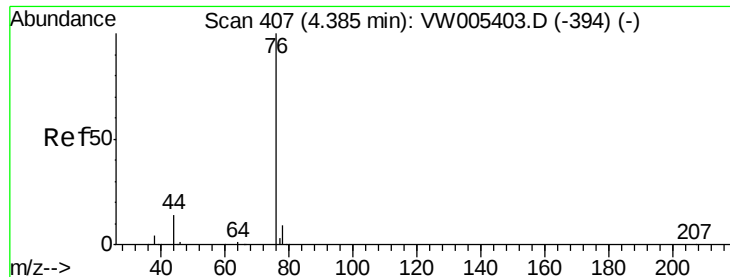
4000

2000

0

Time--> 4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 1.06 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

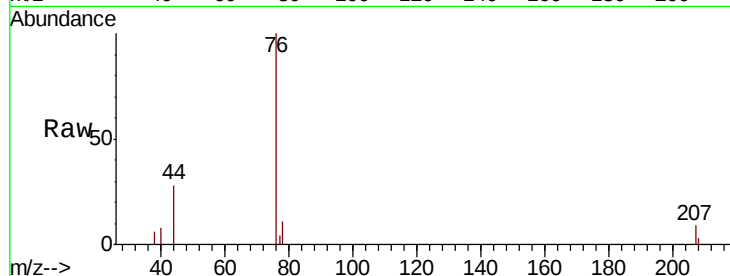
OR-03-091418-B

Tot Ion: 76 Resp: 6588

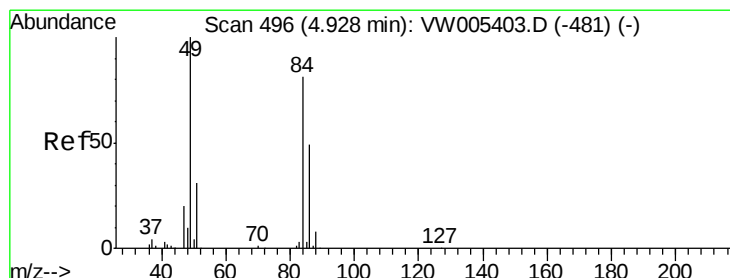
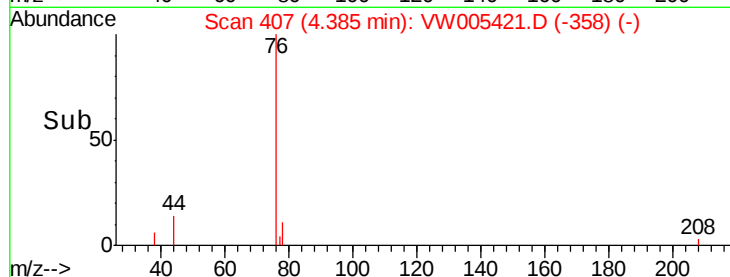
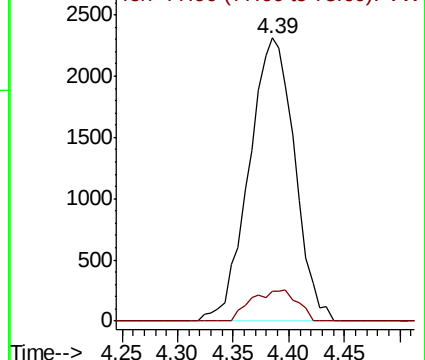
Ion Ratio Lower Upper

76 100

78 10.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 6.38 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Tgt Ion: 84 Resp: 26679

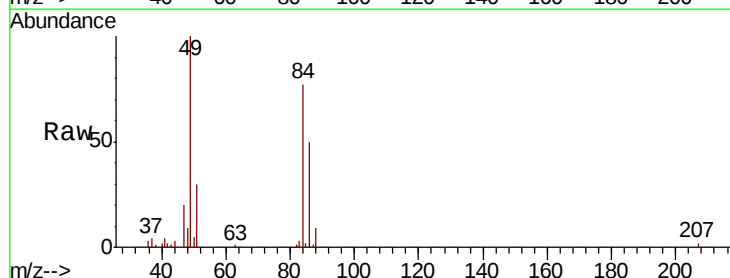
Ion Ratio Lower Upper

84 100

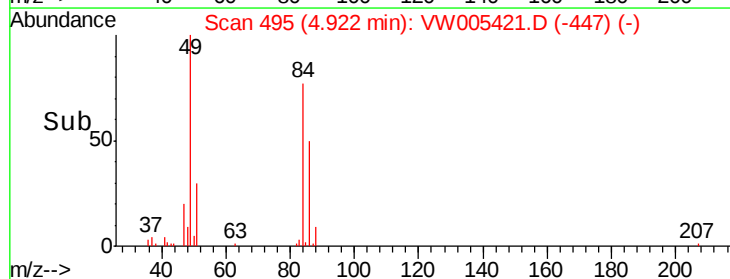
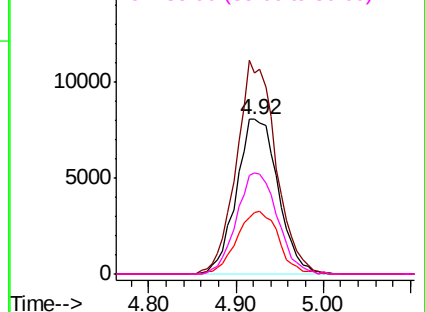
49 129.9 99.3 148.9

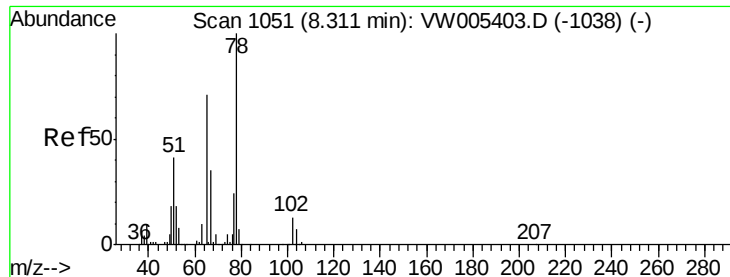
51 39.5 31.1 46.7

86 65.4 49.1 73.7



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: 46.83 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

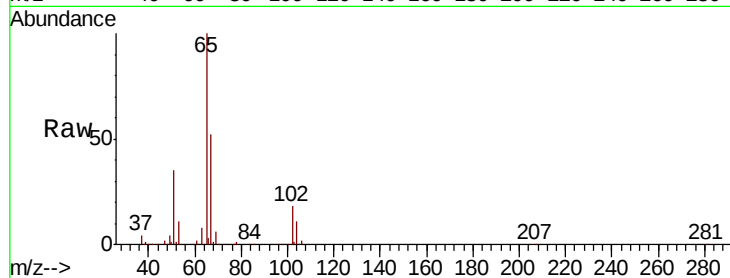
OR-03-091418-B

Tot Ion: 65 Resp: 110556

Ion Ratio Lower Upper

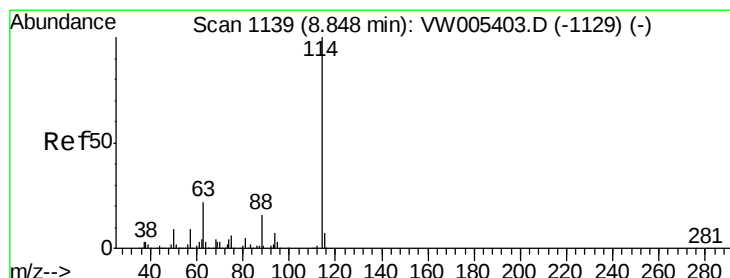
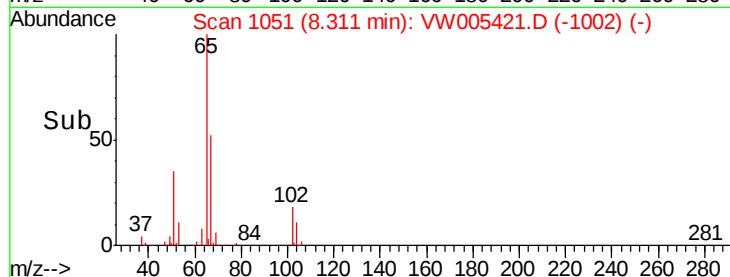
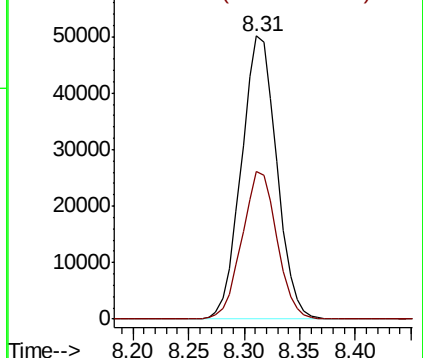
65 100

67 51.8 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

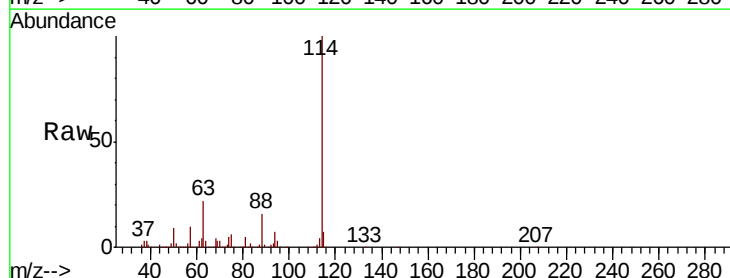
Tgt Ion:114 Resp: 374338

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

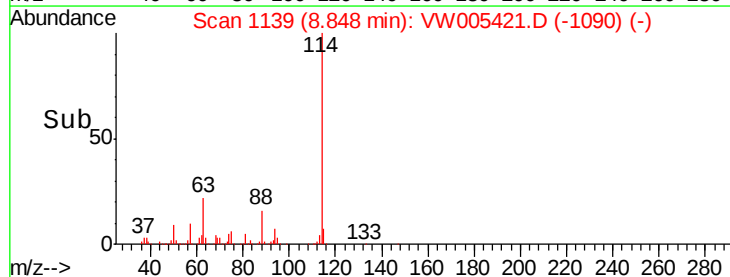
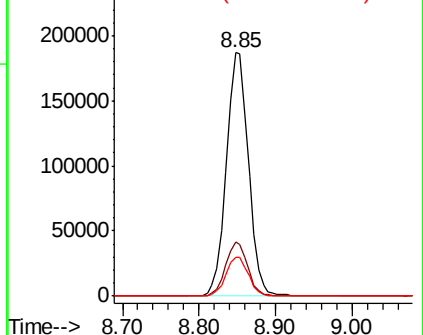
88 15.9 0.0 31.8

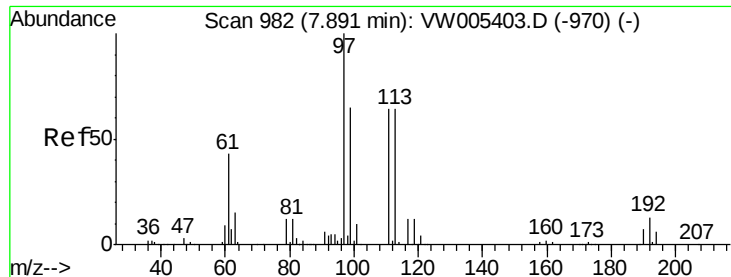


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

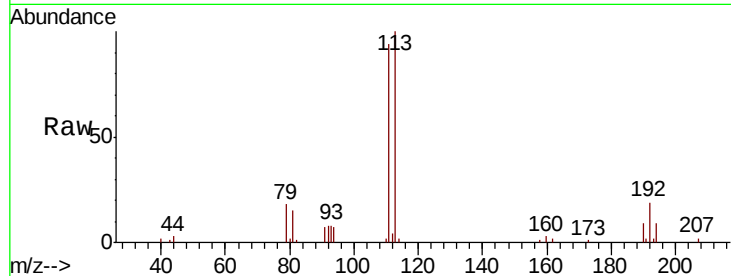




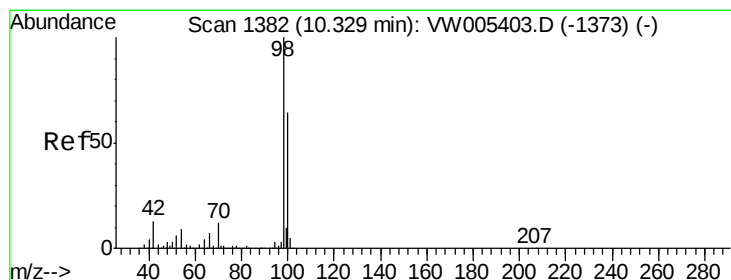
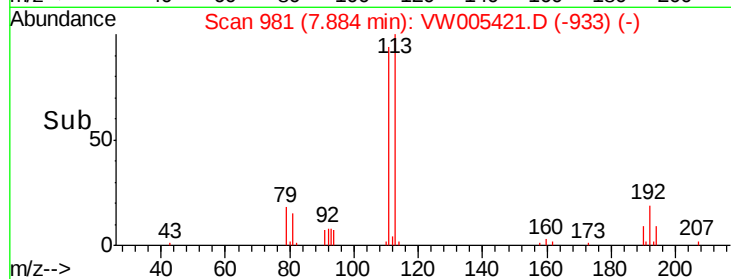
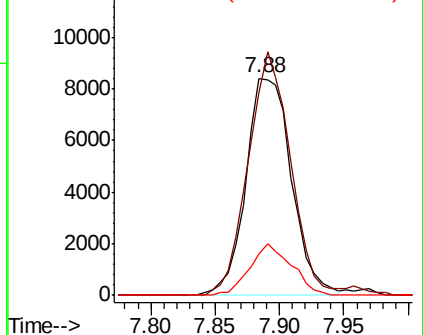
#35
Dibromofluoromethane
Concen: 9.83 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

Instrument :
MSVOA_W
ClientSampleId :
OR-03-091418-B

Tot Ion:113 Resp: 20642
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 21.6 16.5 24.7

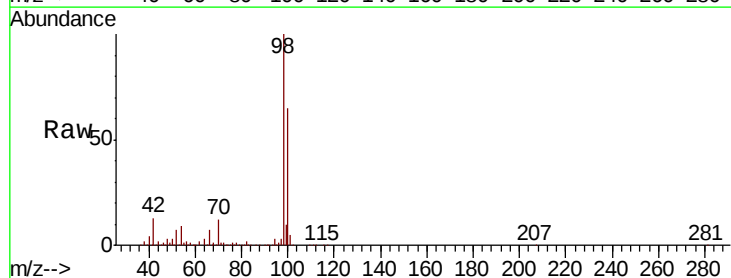


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

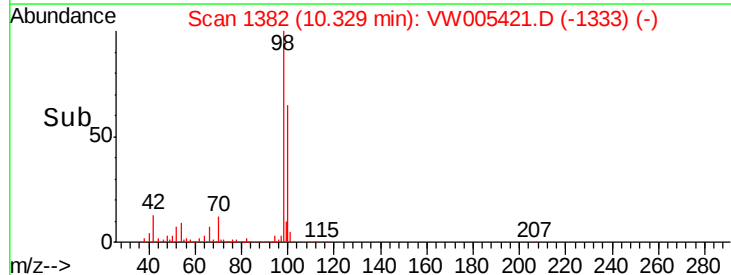
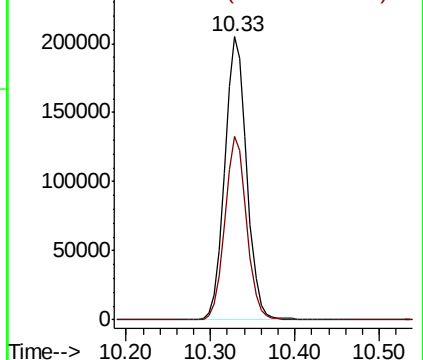


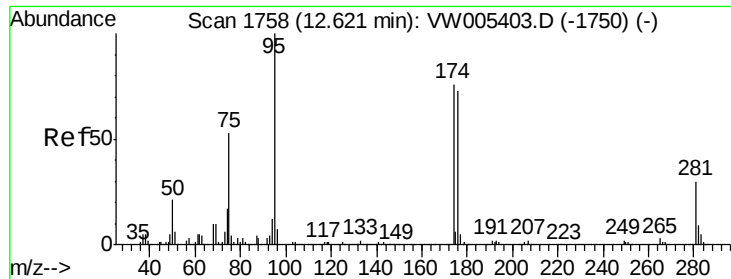
#50
Toluene-d8
Concen: 38.08 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

Tgt Ion: 98 Resp: 366032
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



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

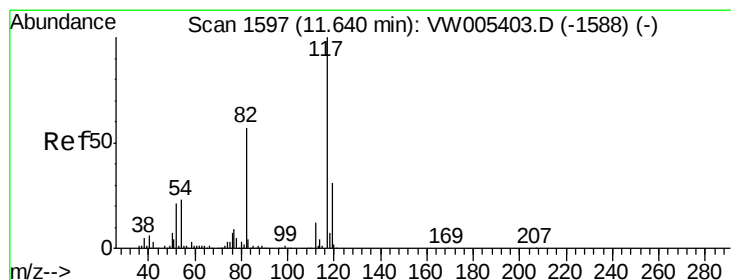
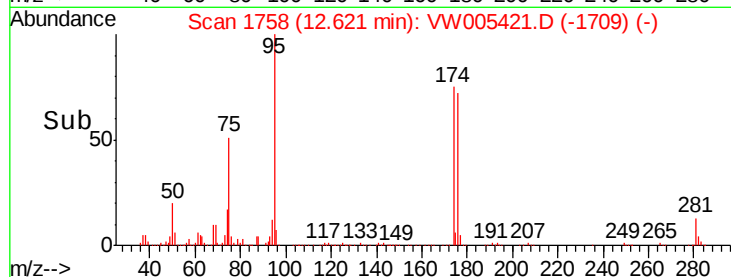
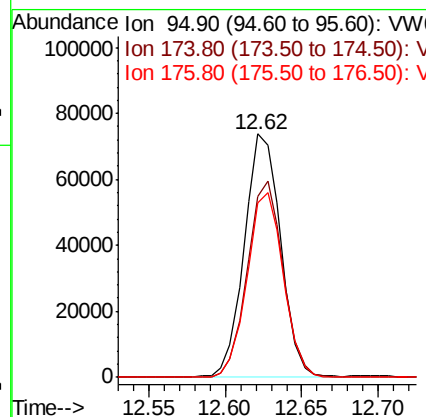
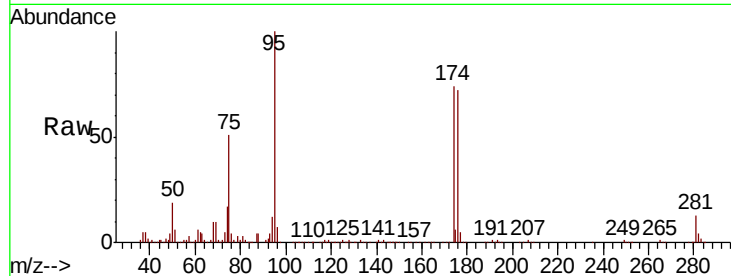




#62
4-Bromofluorobenzene
Concen: 34.25 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

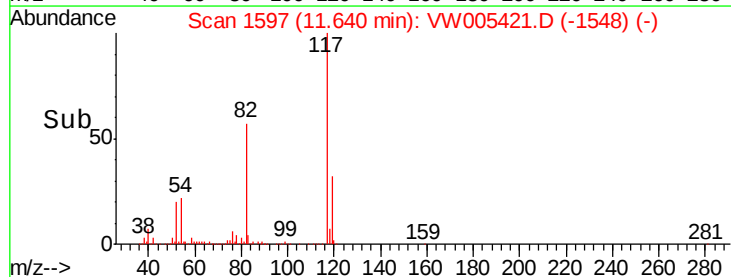
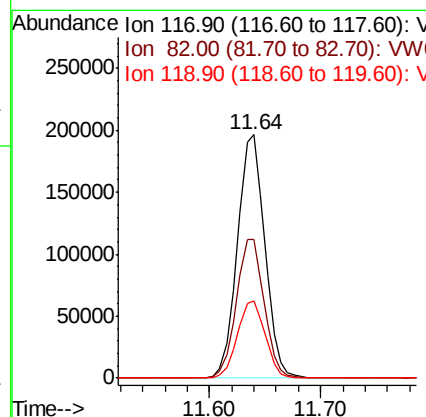
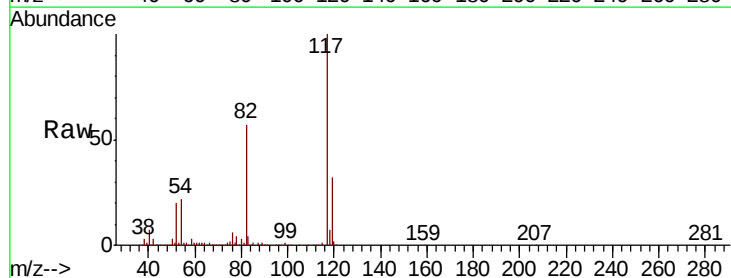
Instrument :
MSVOA_W
ClientSampleId :
OR-03-091418-B

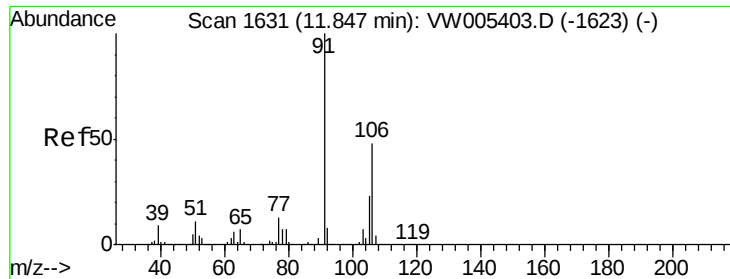
Tot Ion: 95 Resp: 120725
Ion Ratio Lower Upper
95 100
174 80.0 0.0 161.2
176 76.3 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005421.D
Acq: 15 Sep 2018 08:34

Tgt Ion: 117 Resp: 335067
Ion Ratio Lower Upper
117 100
82 57.2 45.9 68.9
119 31.6 24.8 37.2





#68

m/p-Xylenes

Concen: 1.12 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

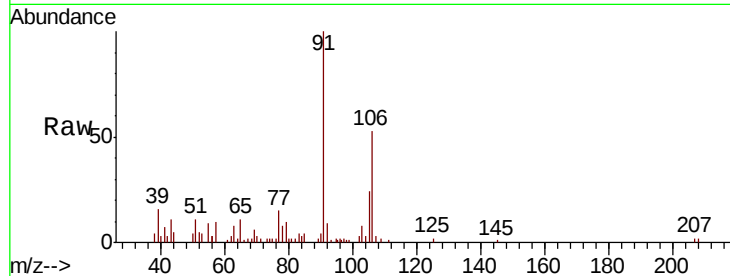
OR-03-091418-B

Tot Ion:106 Resp: 5400

Ion Ratio Lower Upper

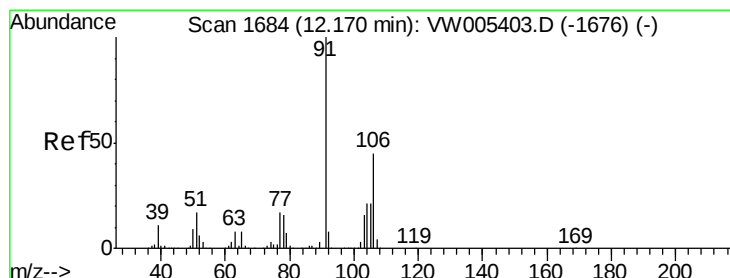
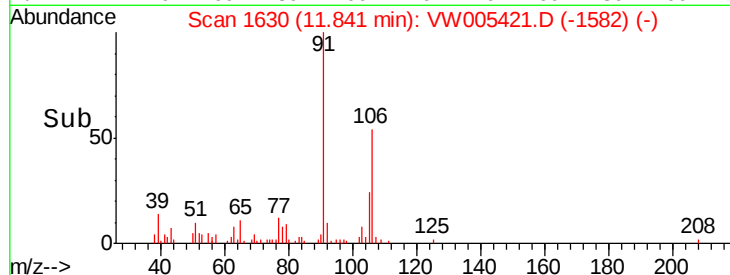
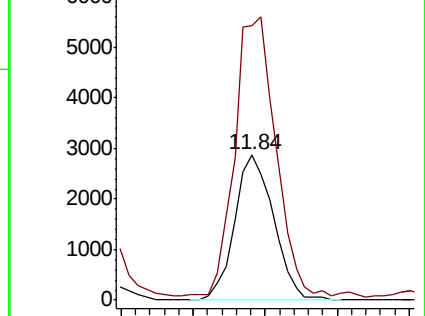
106 100

91 200.9 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 1.21 ug/l

RT: 12.18 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VW005421.D

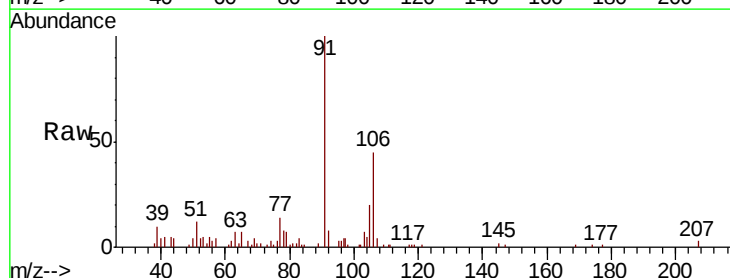
Acq: 15 Sep 2018 08:34

Tgt Ion:106 Resp: 5427

Ion Ratio Lower Upper

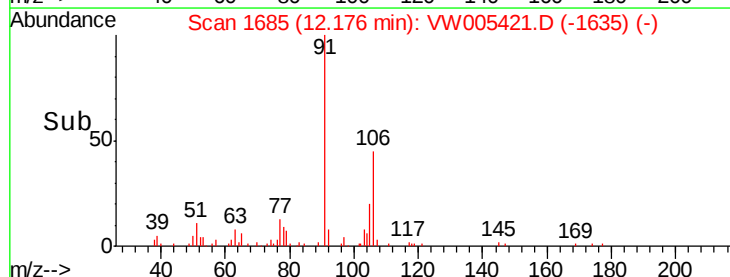
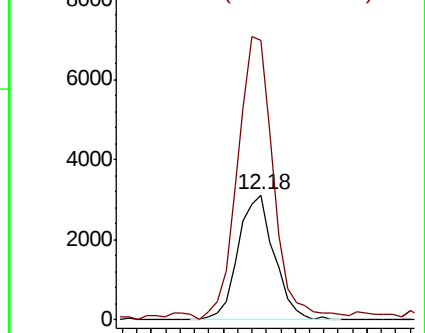
106 100

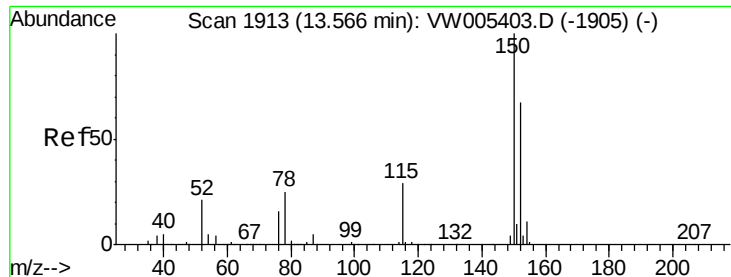
91 227.2 110.6 331.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

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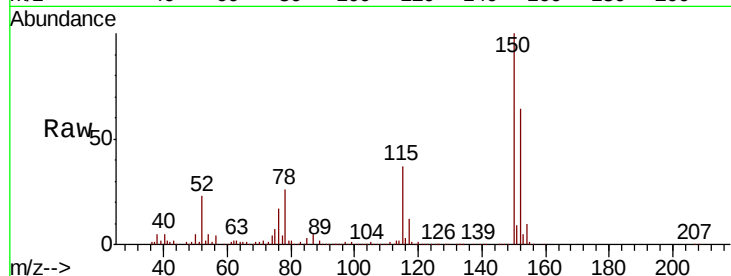
Tot Ion:152 Resp: 131694

Ion Ratio Lower Upper

152 100

115 60.2 29.5 88.5

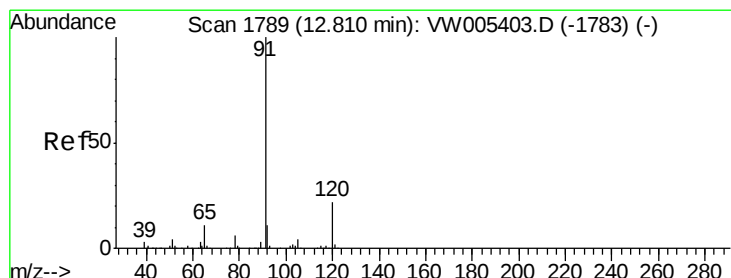
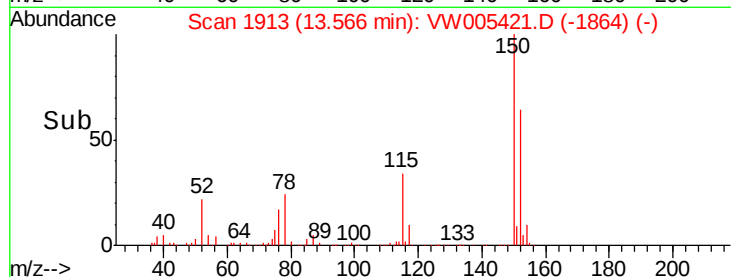
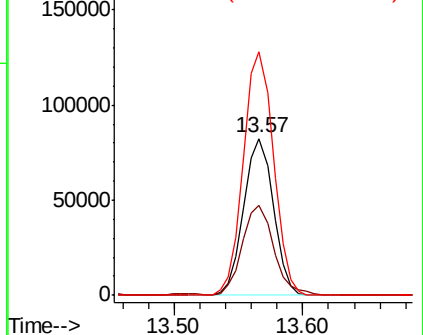
150 156.9 0.0 345.6



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



#78

n-propylbenzene

Concen: 1.74 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005421.D

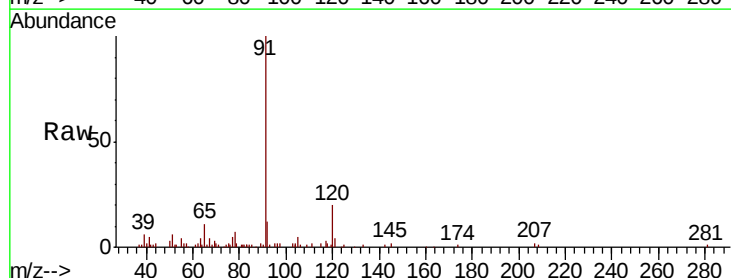
Acq: 15 Sep 2018 08:34

Tgt Ion: 91 Resp: 19359

Ion Ratio Lower Upper

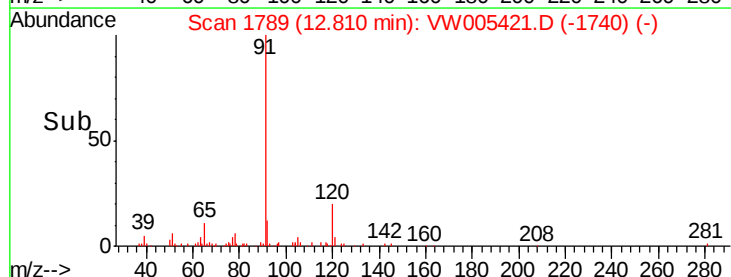
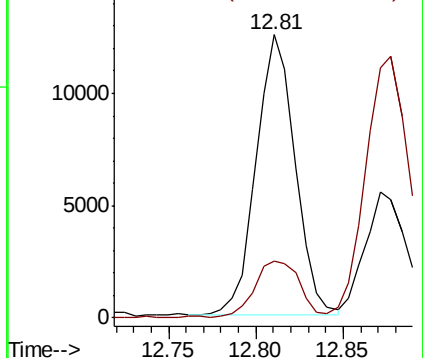
91 100

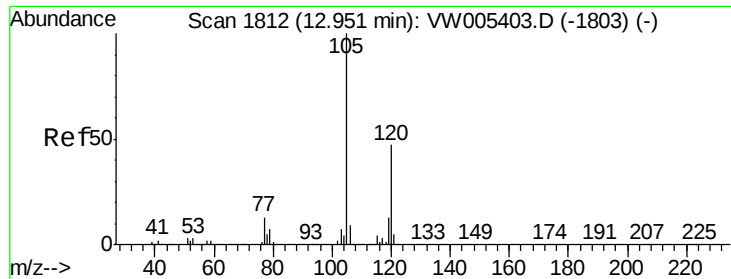
120 23.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

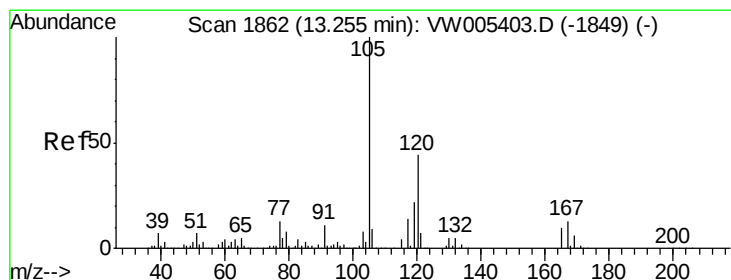
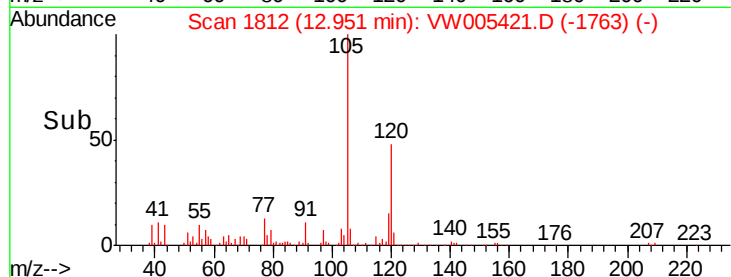
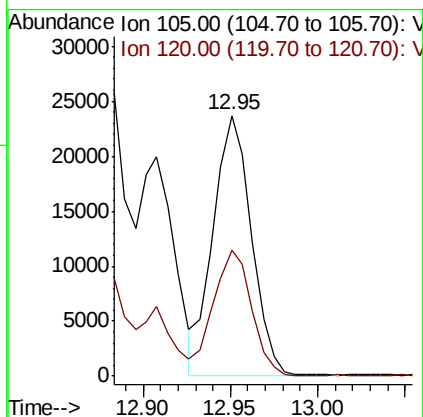
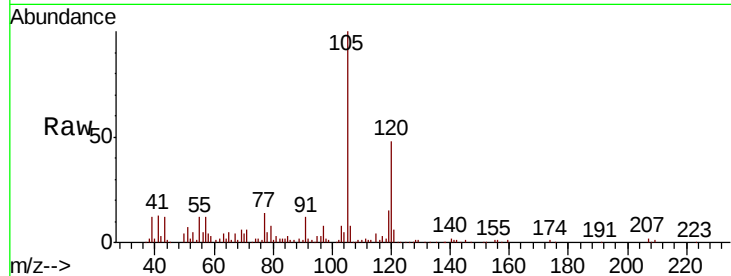




#80
 1,3,5-Trimethylbenzene
 Concen: 4.46 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005421.D
 Acq: 15 Sep 2018 08:34

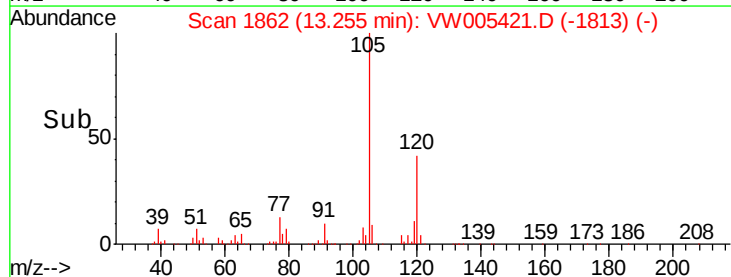
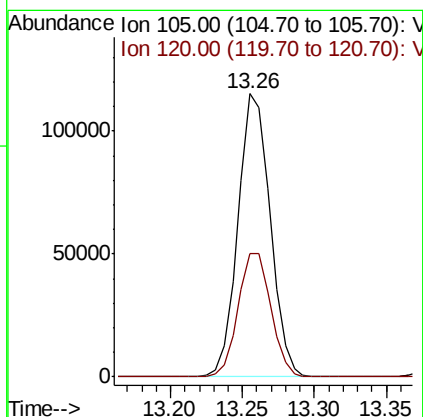
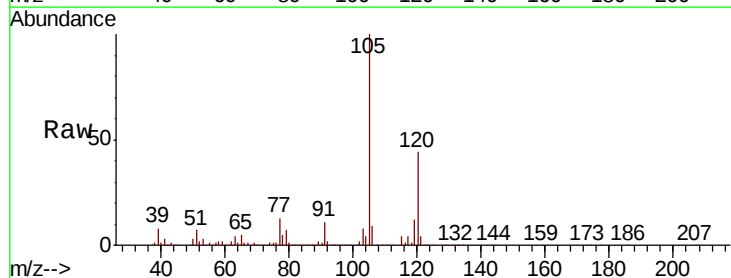
Instrument :
 MSVOA_W
 ClientSampled :
 OR-03-091418-B

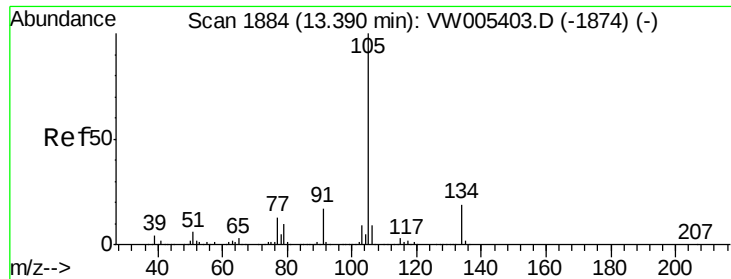
Tot Ion:105 Resp: 35937
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.5 70.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.80 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005421.D
 Acq: 15 Sep 2018 08:34

Tgt Ion:105 Resp: 178401
 Ion Ratio Lower Upper
 105 100
 120 44.7 21.8 65.3





#85

sec-Butylbenzene

Concen: 1.77 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

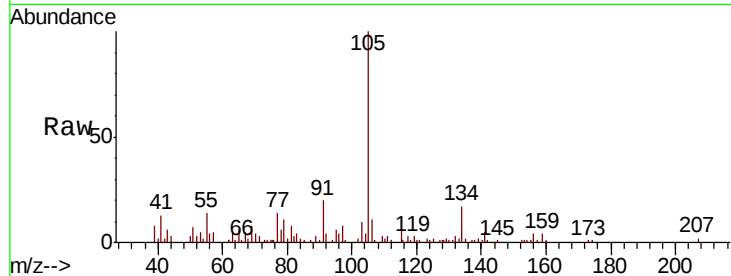
OR-03-091418-B

Tot Ion:105 Resp: 17098

Ion Ratio Lower Upper

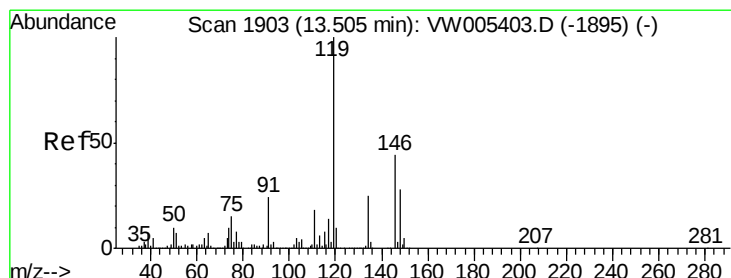
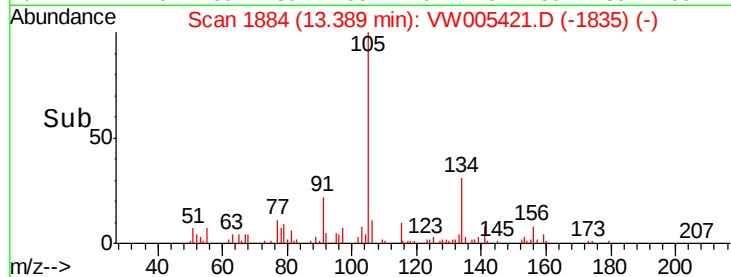
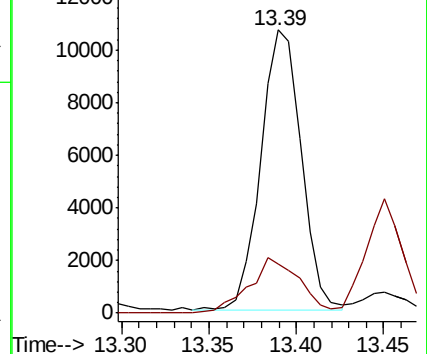
105 100

134 24.6 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.36 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

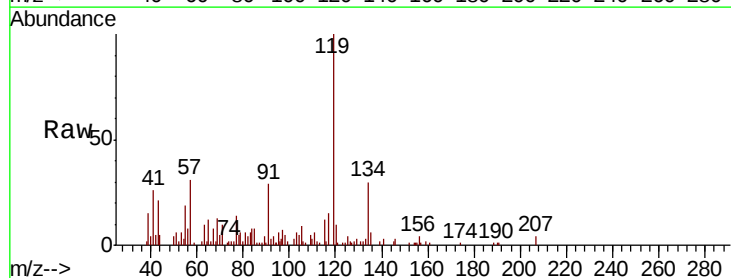
Tgt Ion:119 Resp: 11782

Ion Ratio Lower Upper

119 100

134 27.9 12.6 37.8

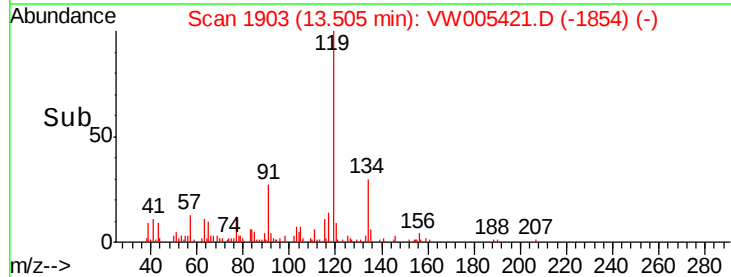
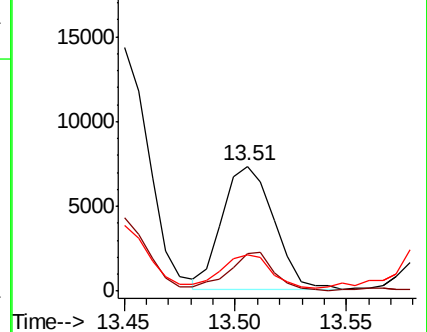
91 24.6 12.0 36.0

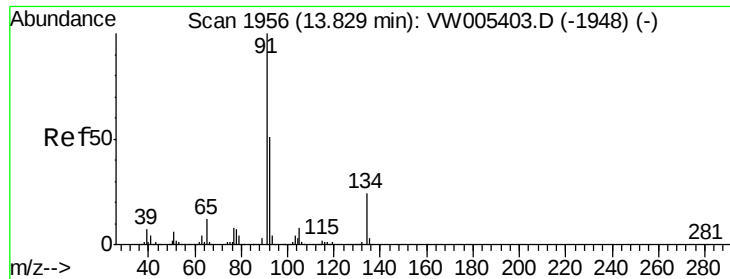


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 3.72 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Instrument :

MSVOA_W

ClientSampleId :

OR-03-091418-B

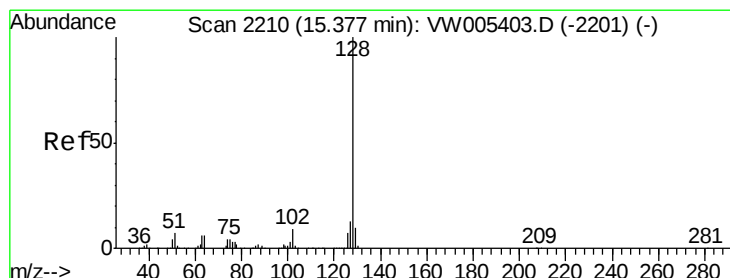
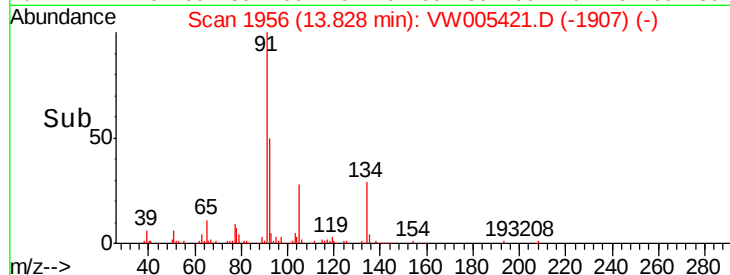
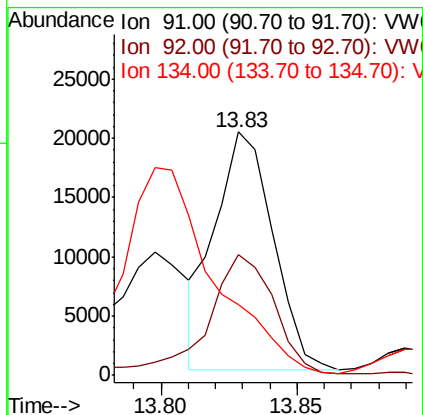
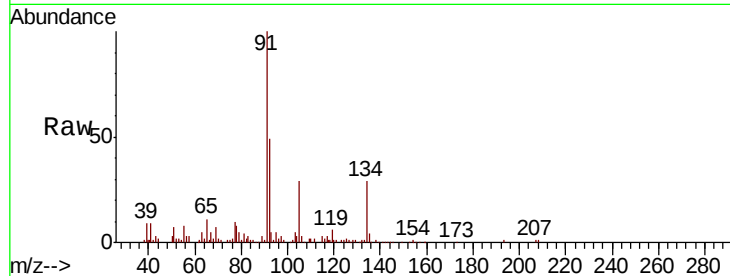
Tot Ion: 91 Resp: 29954

Ion Ratio Lower Upper

91 100

92 55.8 26.2 78.6

134 0.0 12.7 38.1#



#95

Naphthalene

Concen: 56.70 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005421.D

Acq: 15 Sep 2018 08:34

Tgt Ion: 128 Resp: 244086

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 11.0 8.7 13.1

