

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007099.D
 Acq On : 27 Nov 2018 20:09
 Operator : VAY/AP
 Sample : J6083-03
 Misc : 5.47G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-2

Quant Time: Nov 28 02:16:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

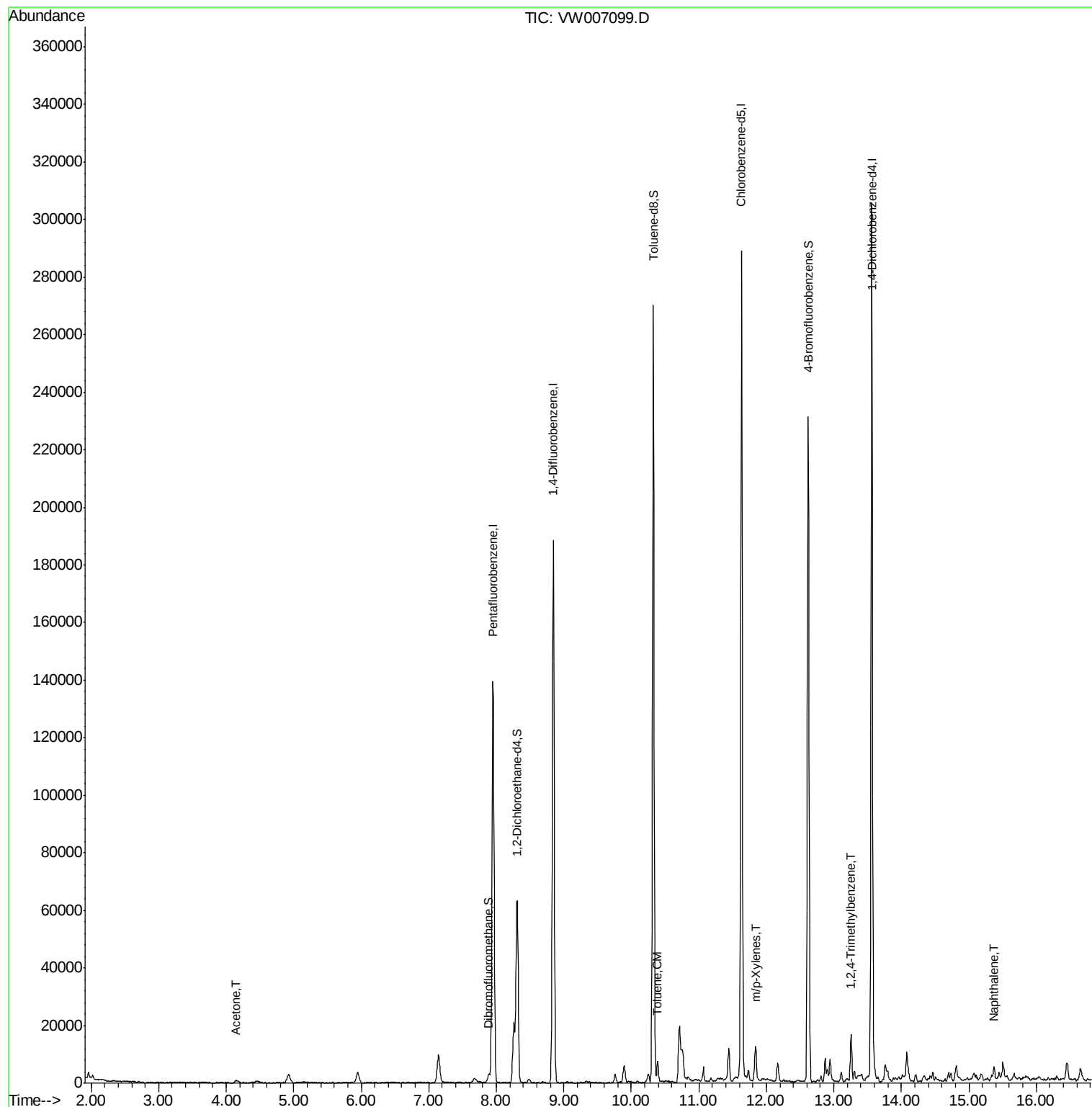
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	163599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	159880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51582	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	7.88	113	2225	2.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	4.82%	
50) Toluene-d8	10.32	98	186278	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
62) 4-Bromofluorobenzene	12.62	95	73812	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
16) Acetone	4.15	43	1758	11.85	ug/l	94
52) Toluene	10.39	92	3366	1.15	ug/l	90
68) m/p-Xylenes	11.84	106	3716	1.55	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	9535	1.77	ug/l	98
95) Naphthalene	15.37	128	4370	1.52	ug/l #	95

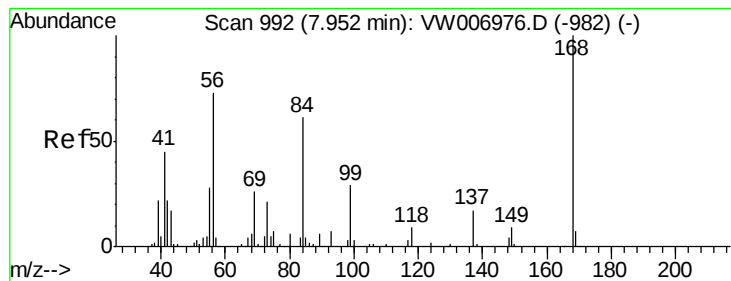
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

Instrument :

MSVOA_W

ClientSampled :

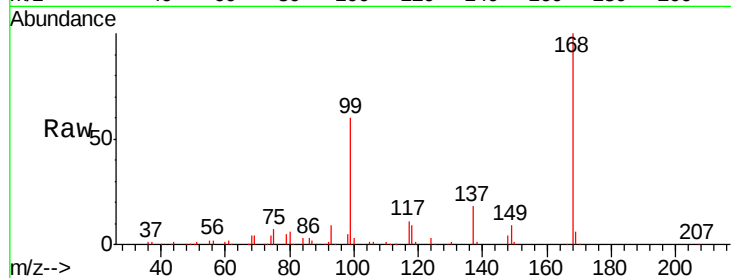
WC-2

Tgt Ion:168 Resp: 104394

Ion Ratio Lower Upper

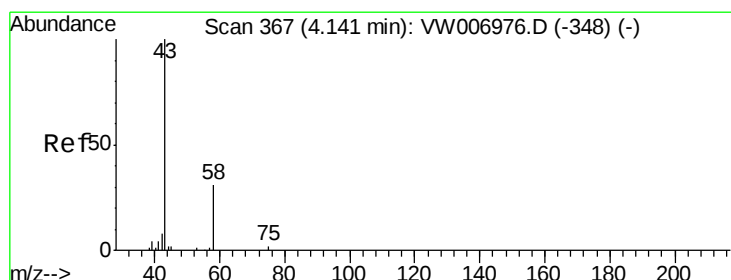
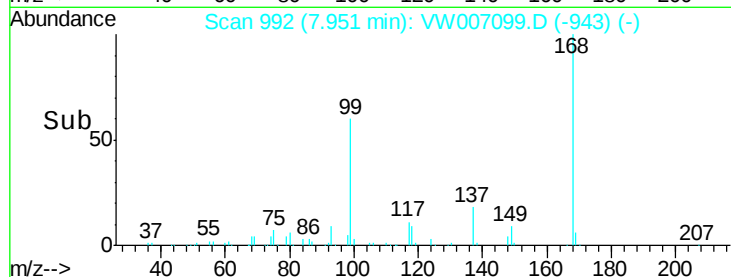
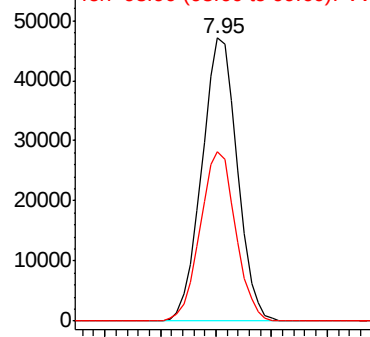
168 100

99 59.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 11.85 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007099.D

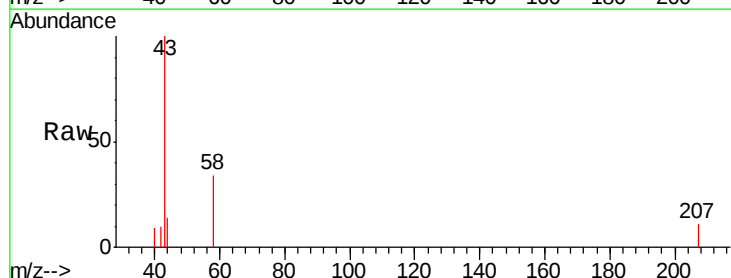
Acq: 27 Nov 2018 20:09

Tgt Ion: 43 Resp: 1758

Ion Ratio Lower Upper

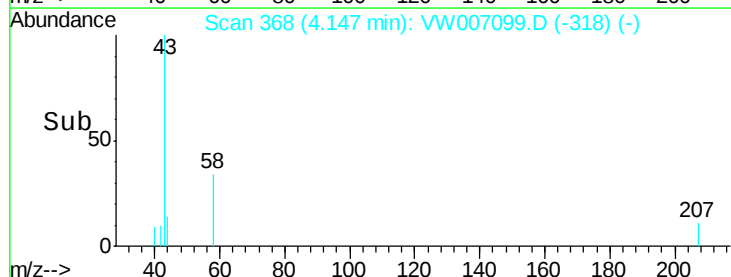
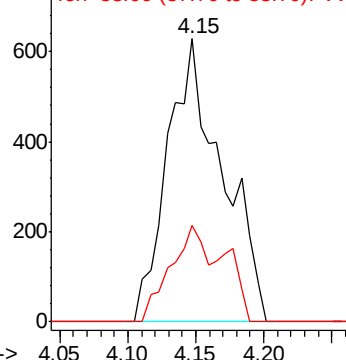
43 100

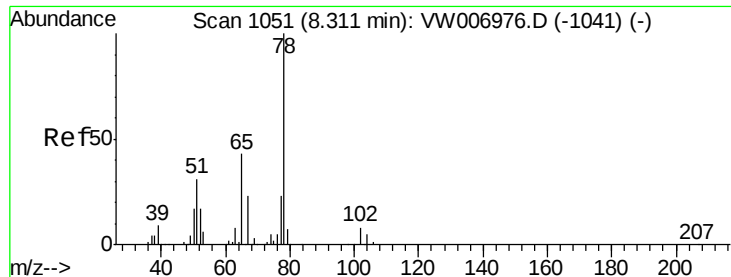
58 34.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 50.47 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

Instrument :

MSVOA_W

ClientSampled :

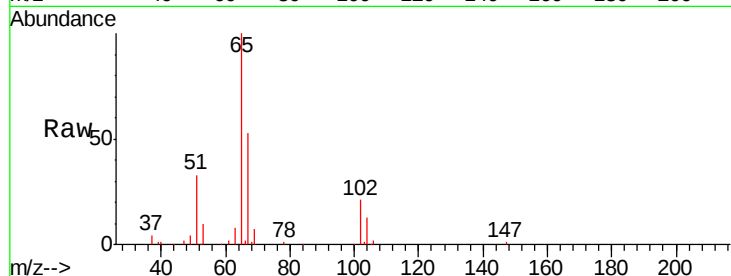
WC-2

Tgt Ion: 65 Resp: 51582

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

25000

20000

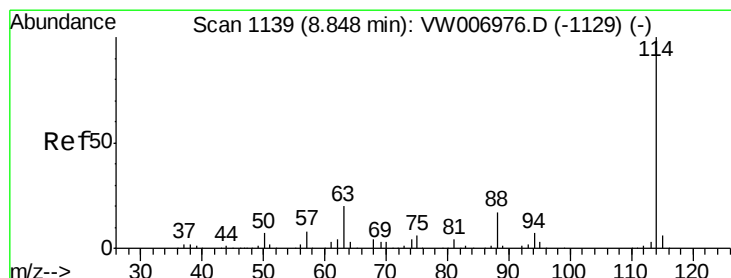
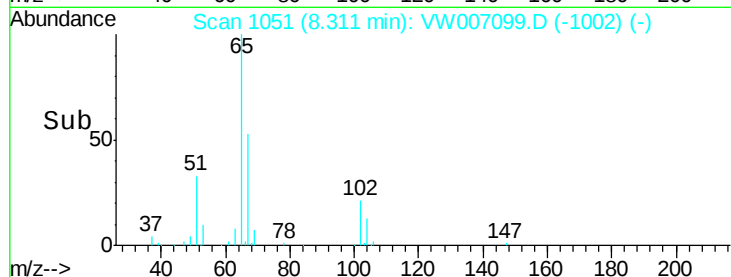
15000

10000

5000

0

Time--> 8.20 8.25 8.30 8.35 8.40



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

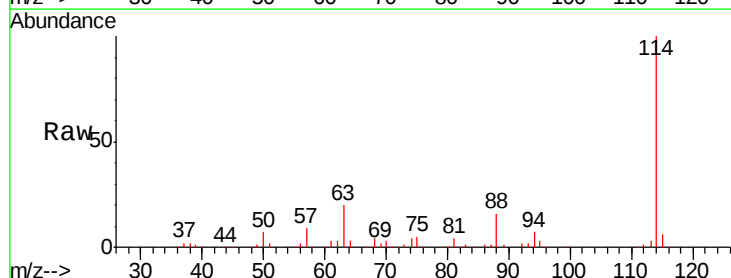
Tgt Ion: 114 Resp: 163599

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

88 15.6 0.0 34.2



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

8.85

100000

80000

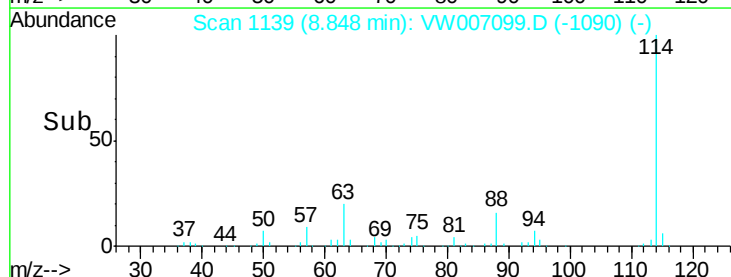
60000

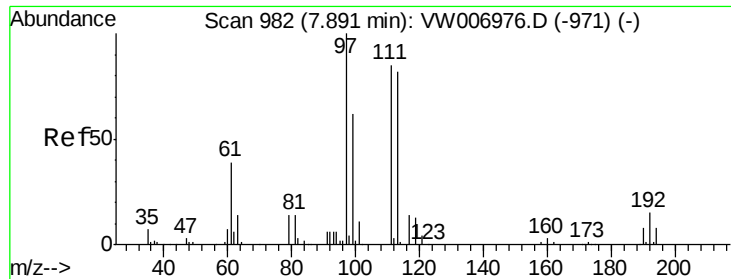
40000

20000

0

Time--> 8.80 8.90

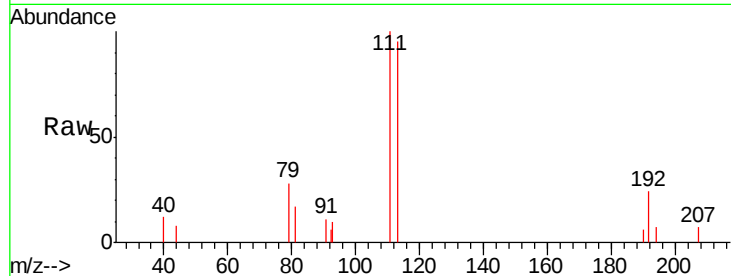




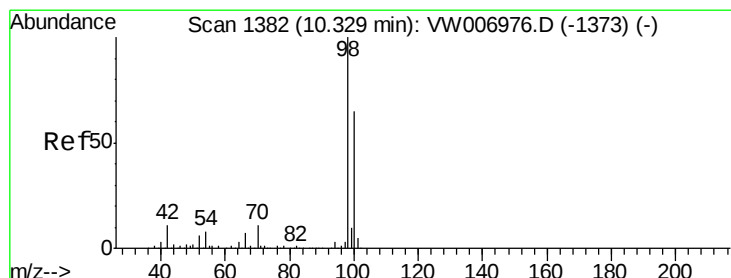
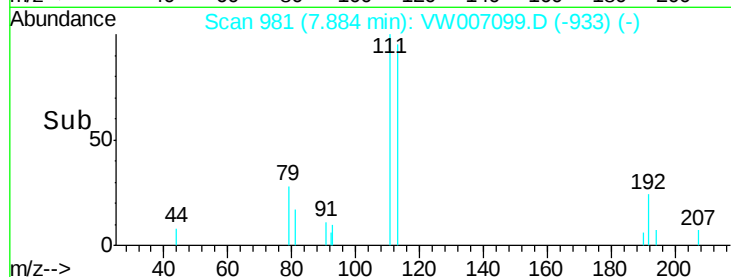
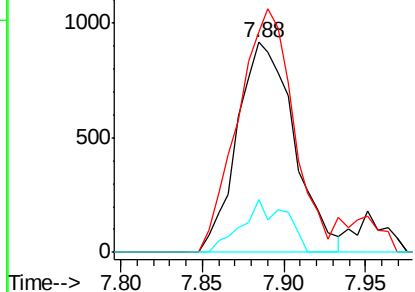
#35
 Dibromofluoromethane
 Concen: 2.41 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007099.D
 Acq: 27 Nov 2018 20:09

Instrument :
 MSVOA_W
 ClientSampled :
 WC-2

Tgt Ion:113 Resp: 2225
 Ion Ratio Lower Upper
 113 100
 111 112.4 81.0 121.6
 192 19.5 15.0 22.6

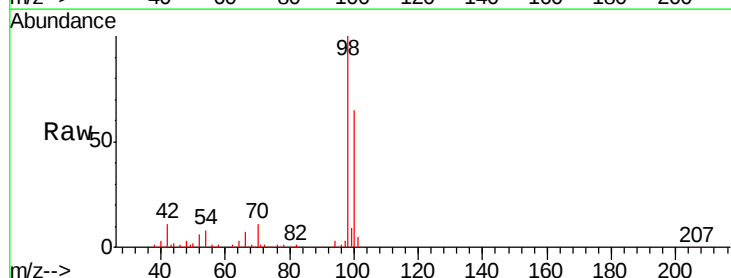


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

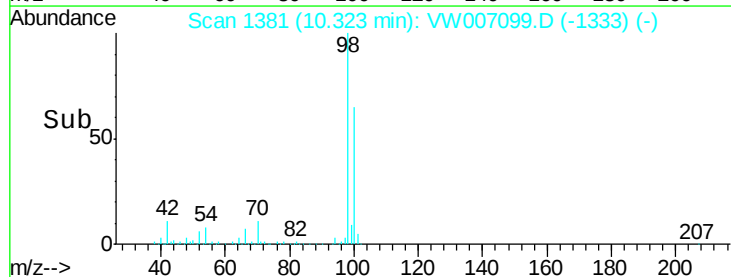
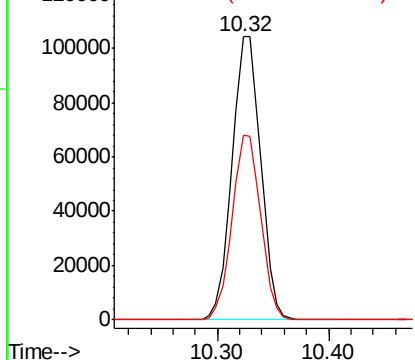


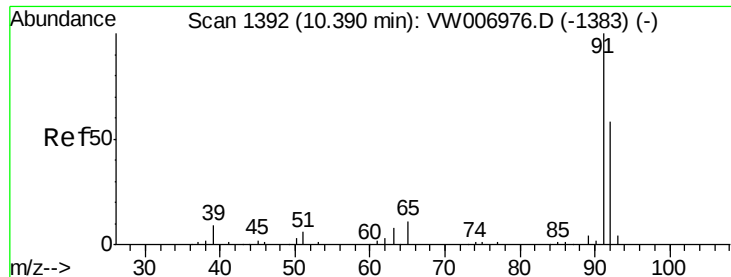
#50
 Toluene-d8
 Concen: 45.66 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW007099.D
 Acq: 27 Nov 2018 20:09

Tgt Ion: 98 Resp: 186278
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.2 78.2



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





#52

Toluene

Concen: 1.15 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

Instrument :

MSVOA_W

ClientSampled :

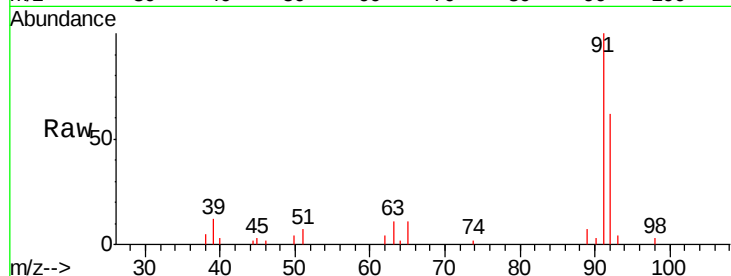
WC-2

Tgt Ion: 92 Resp: 3366

Ion Ratio Lower Upper

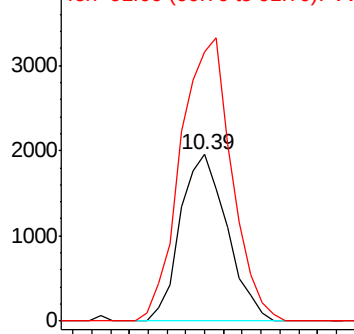
92 100

91 185.4 137.3 205.9

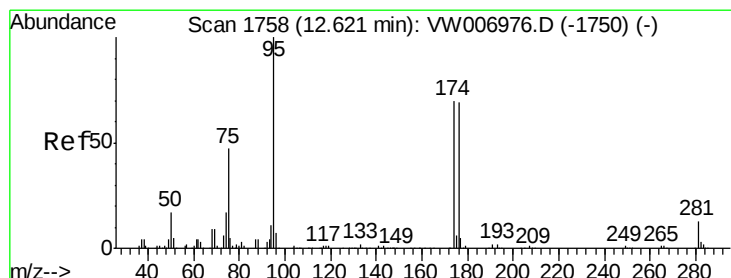
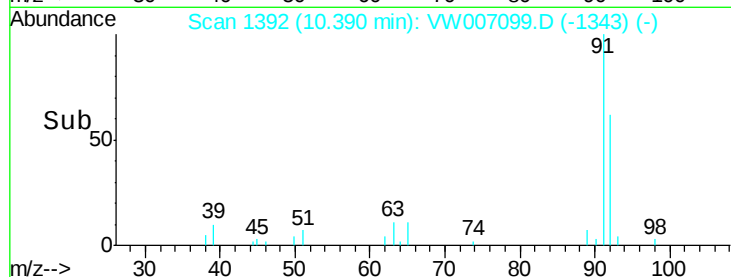


Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 45.98 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

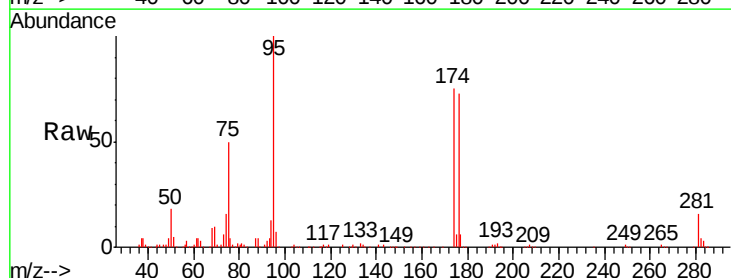
Tgt Ion: 95 Resp: 73812

Ion Ratio Lower Upper

95 100

174 73.9 0.0 143.6

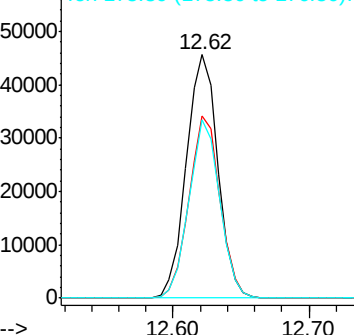
176 71.8 0.0 140.4



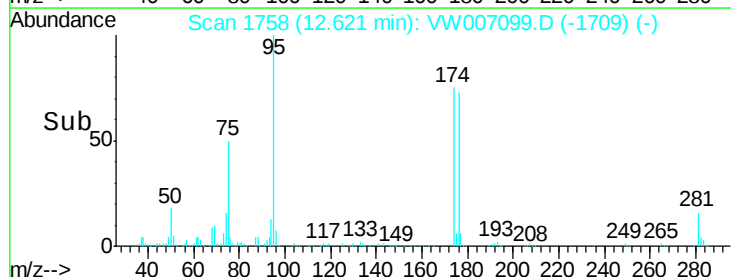
Abundance Ion 94.90 (94.60 to 95.60): VW

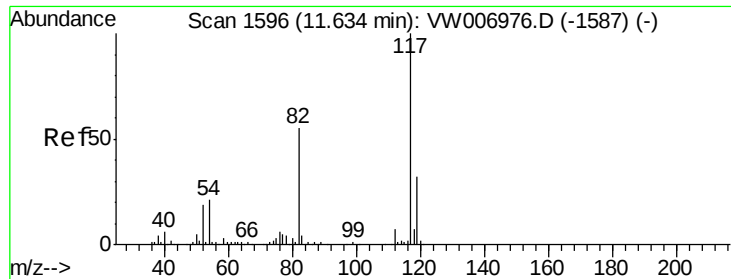
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

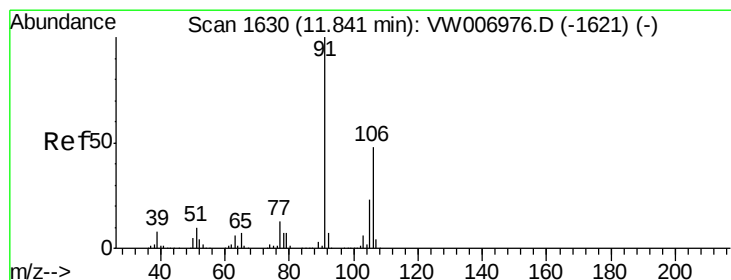
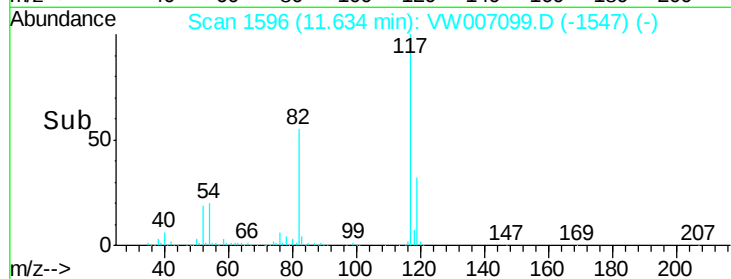
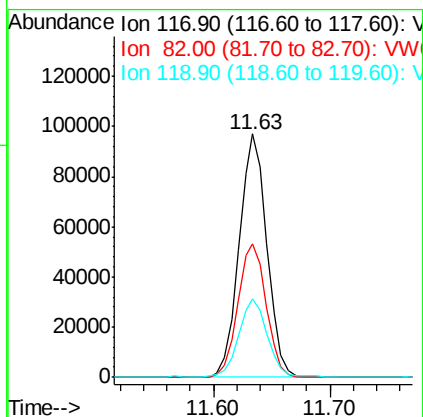
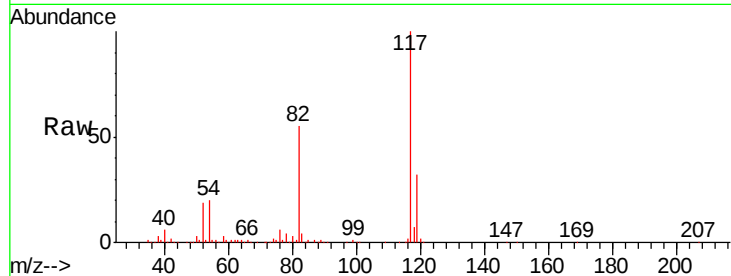




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007099.D
Acq: 27 Nov 2018 20:09

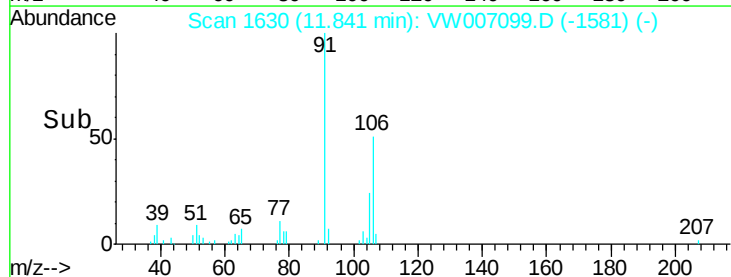
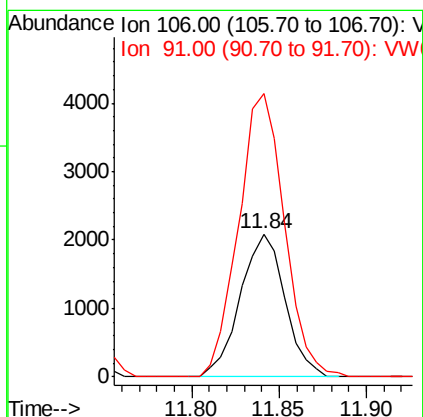
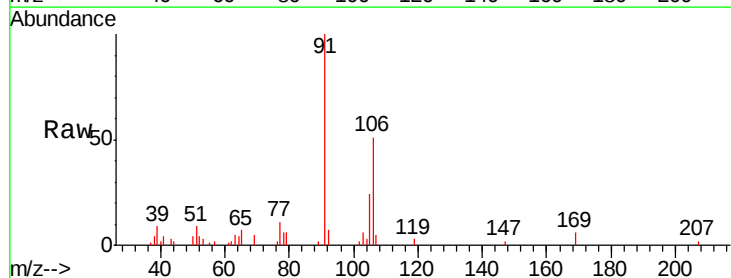
Instrument :
MSVOA_W
ClientSampled :
WC-2

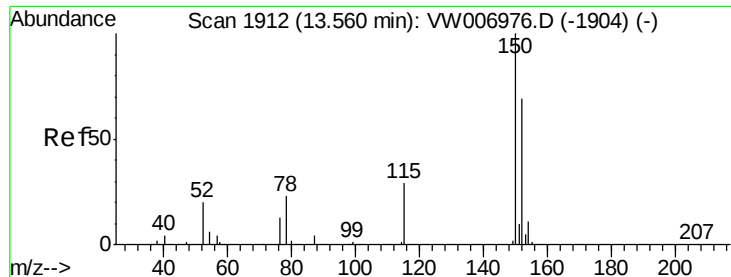
Tgt Ion:117 Resp: 159880
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 1.55 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007099.D
Acq: 27 Nov 2018 20:09

Tgt Ion:106 Resp: 3716
Ion Ratio Lower Upper
106 100
91 202.9 164.8 247.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007099.D

Acq: 27 Nov 2018 20:09

Instrument :

MSVOA_W

ClientSampled :

WC-2

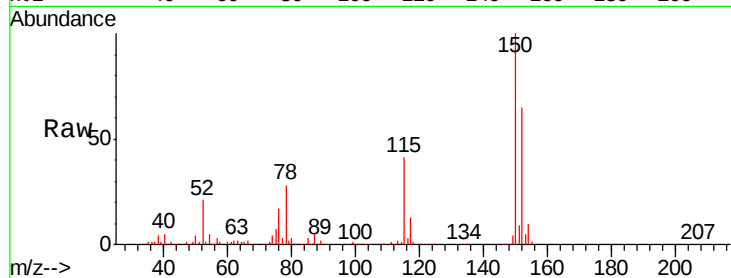
Tgt Ion:152 Resp: 80530

Ion Ratio Lower Upper

152 100

115 62.1 31.4 94.2

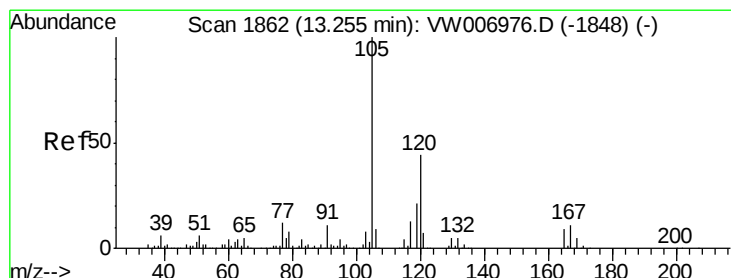
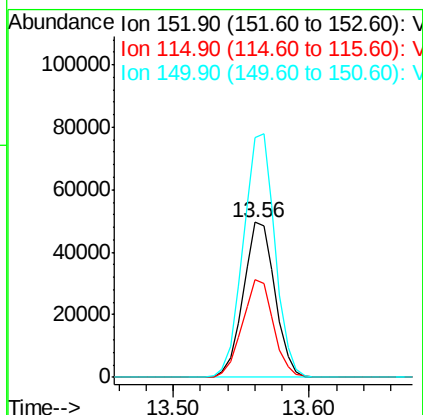
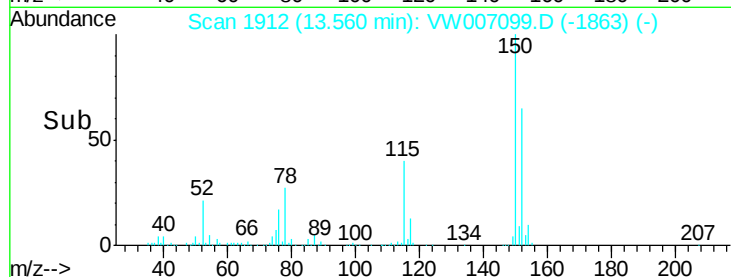
150 157.6 0.0 353.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.77 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007099.D

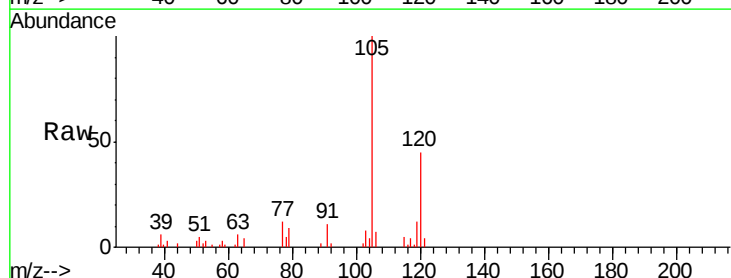
Acq: 27 Nov 2018 20:09

Tgt Ion:105 Resp: 9535

Ion Ratio Lower Upper

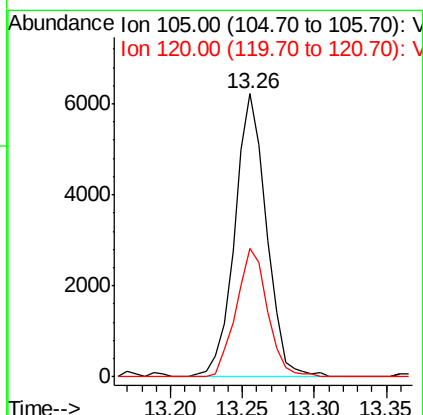
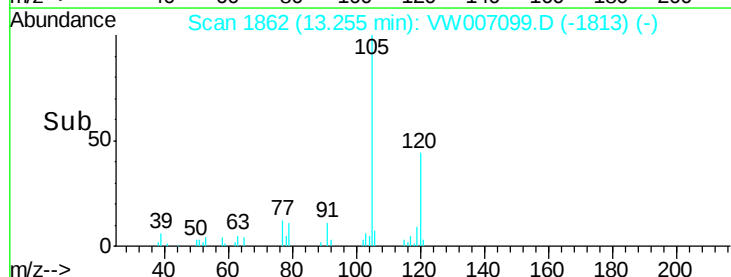
105 100

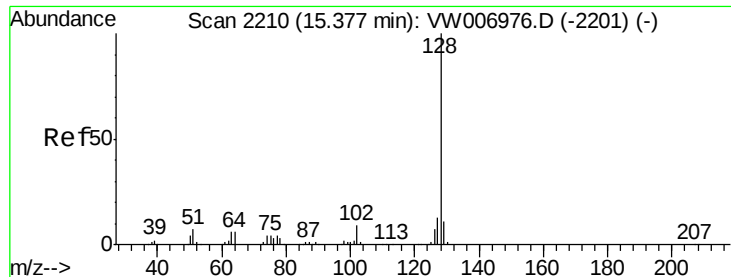
120 44.8 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 1.52 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007099.D
Acq: 27 Nov 2018 20:09

Instrument :
MSVOA_W
ClientSampleId :
WC-2

Tgt Ion:128 Resp: 4370
Ion Ratio Lower Upper
128 100
127 16.2 10.5 15.7#
129 11.4 8.7 13.1

