

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005712.D
 Acq On : 27 Sep 2018 20:27
 Operator : VA/AP
 Sample : J4776-05
 Misc : 6.86G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-092718-A

Quant Time: Sep 28 02:30:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

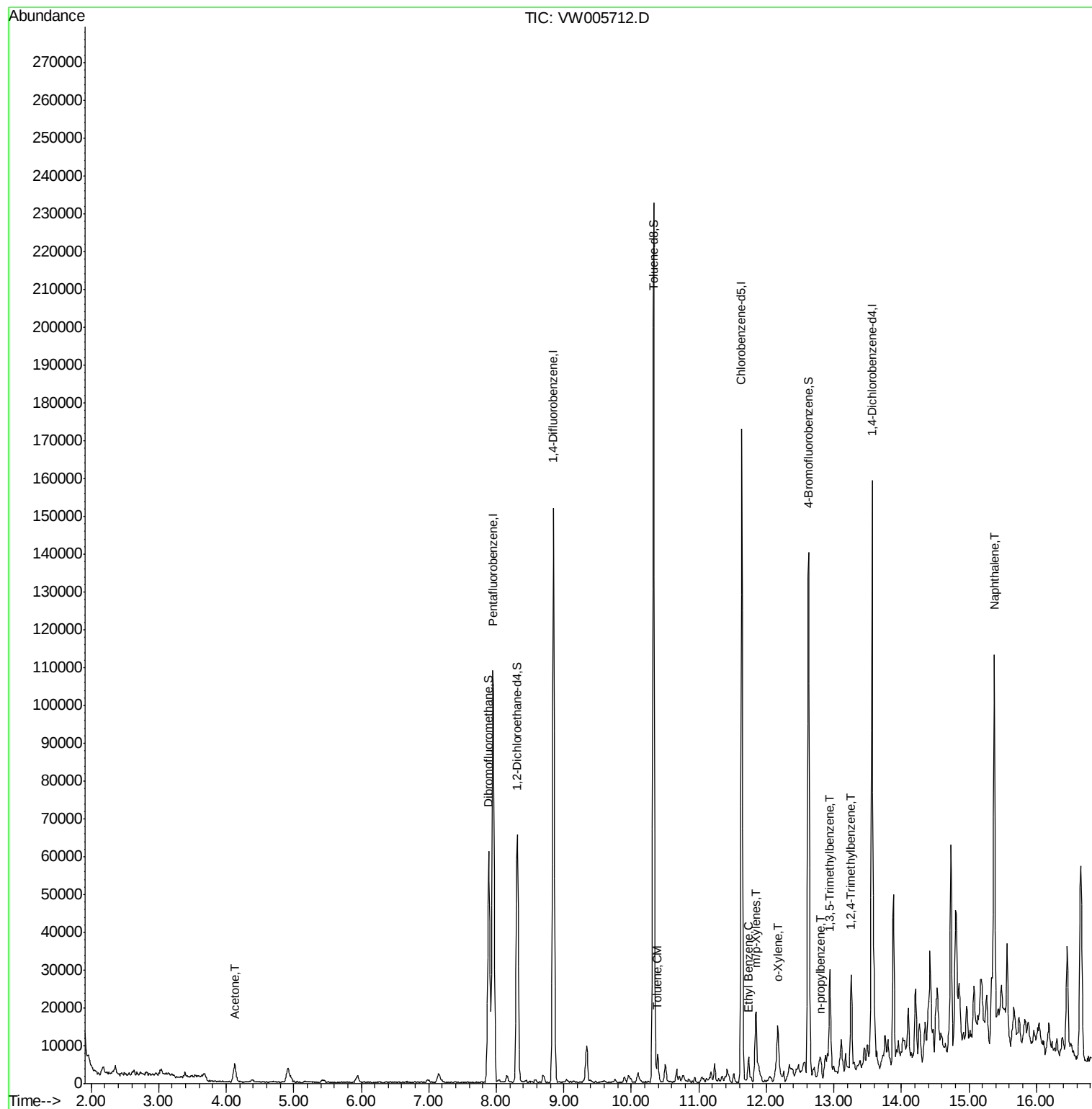
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	78053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	121317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	96538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	38718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54959	59.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.54%	
35) Dibromofluoromethane	7.89	113	42944	56.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.58%	
50) Toluene-d8	10.33	98	148077	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.63	95	44322	38.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.12%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	8358	50.280	ug/l	91
52) Toluene	10.40	92	3206	1.485	ug/l	97
67) Ethyl Benzene	11.74	91	3792	1.042	ug/l #	85
68) m/p-Xylenes	11.85	106	3353	2.440	ug/l	92
69) o-Xylene	12.17	106	3638	2.826	ug/l	94
78) n-propylbenzene	12.81	91	3516	1.082	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	5186	2.221	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	14019	5.950	ug/l	96
95) Naphthalene	15.38	128	83550	61.297	ug/l	98

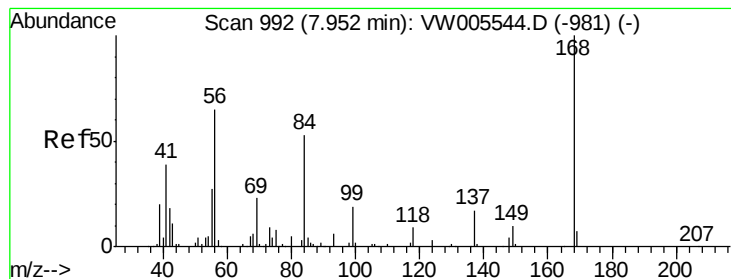
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092718\
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 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: VW005712.D

Acq: 27 Sep 2018 20:27

Instrument :

MSVOA_W

ClientSampleId :

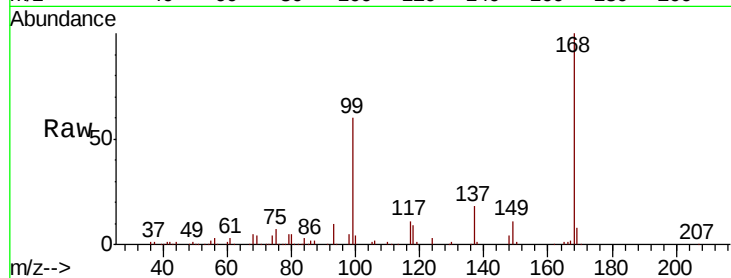
EO-01-092718-A

Tot Ion:168 Resp: 78053

Ion Ratio Lower Upper

168 100

99 59.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

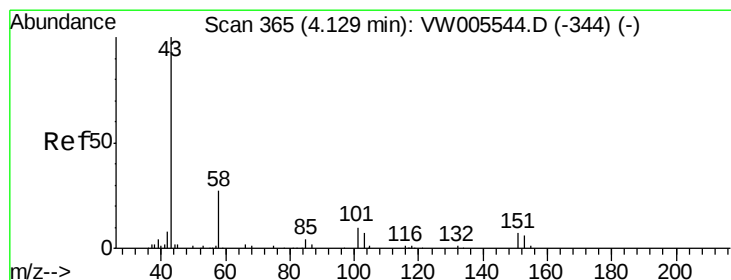
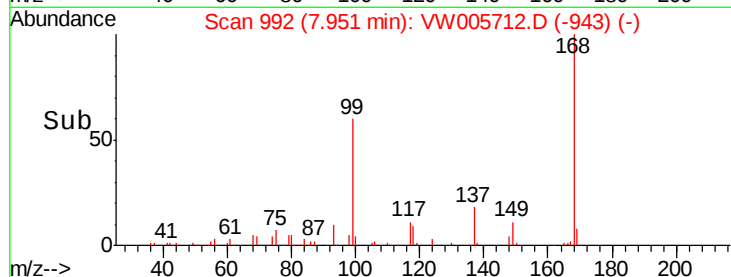
20000

10000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 50.280 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW005712.D

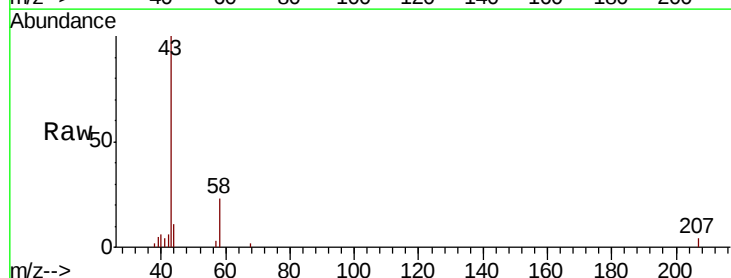
Acq: 27 Sep 2018 20:27

Tgt Ion: 43 Resp: 8358

Ion Ratio Lower Upper

43 100

58 22.7 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

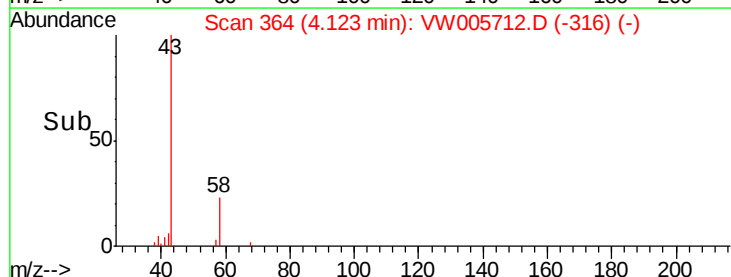
2000

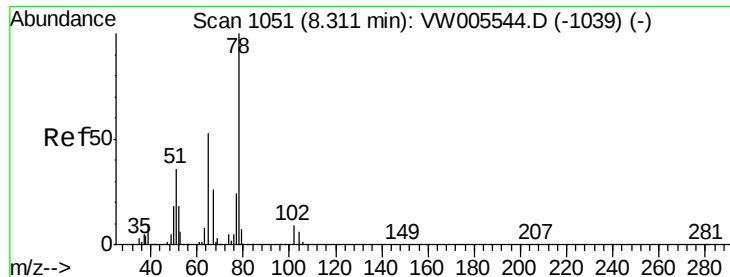
1000

0

Time-->

4.00 4.10 4.20

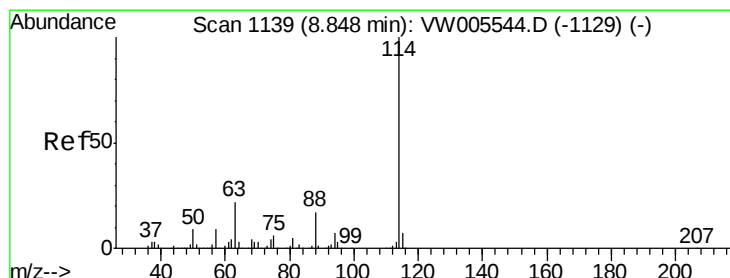
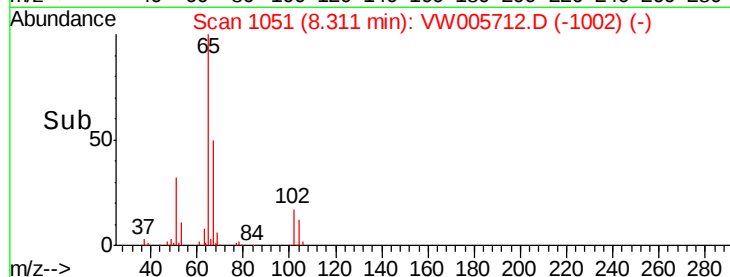
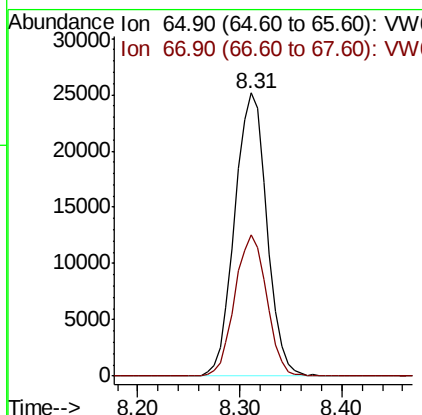
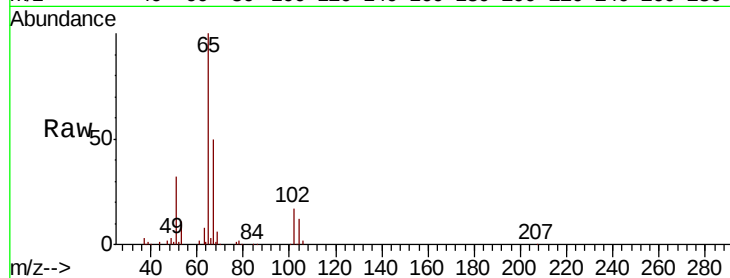




#33
 1,2-Dichloroethane-d4
 Concen: 59.769 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005712.D
 Acq: 27 Sep 2018 20:27

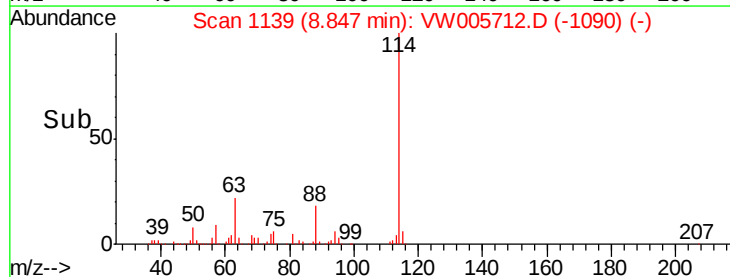
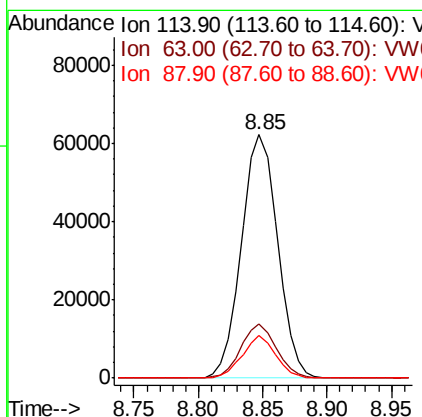
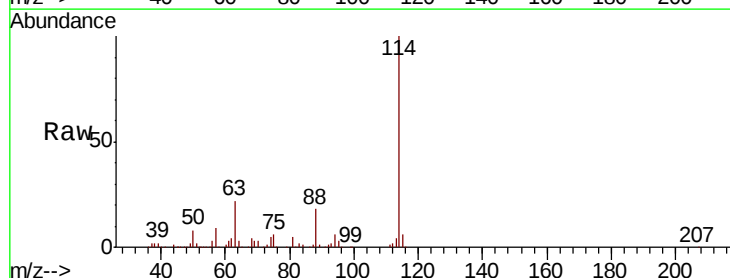
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-092718-A

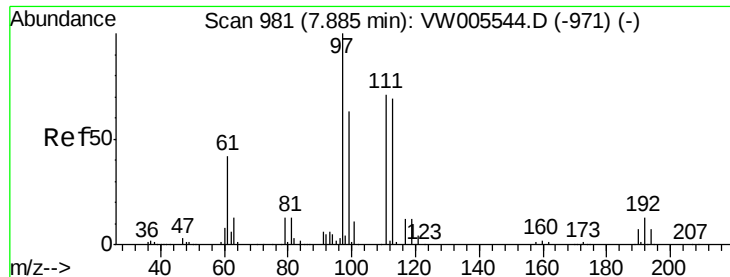
Tot Ion: 65 Resp: 54959
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005712.D
 Acq: 27 Sep 2018 20:27

Tgt Ion: 114 Resp: 121317
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.0
 88 17.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 56.289 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005712.D

Acq: 27 Sep 2018 20:27

Instrument :

MSVOA_W

ClientSampleId :

EO-01-092718-A

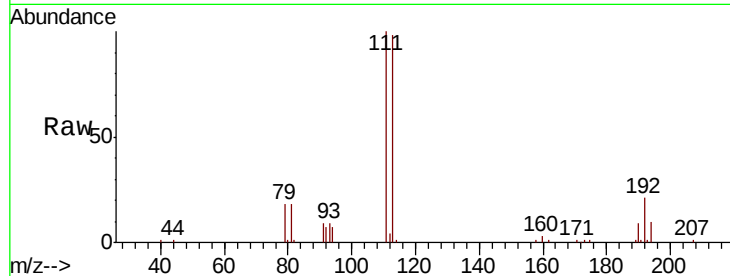
Tot Ion:113 Resp: 42944

Ion Ratio Lower Upper

113 100

111 100.2 82.6 123.8

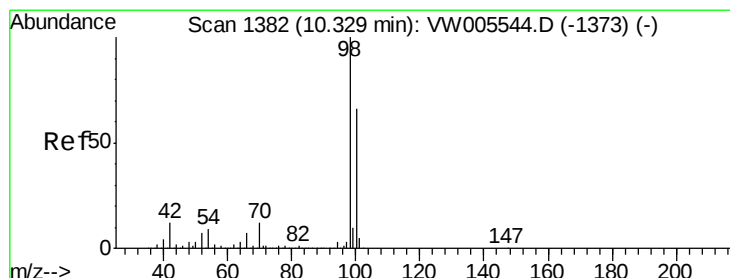
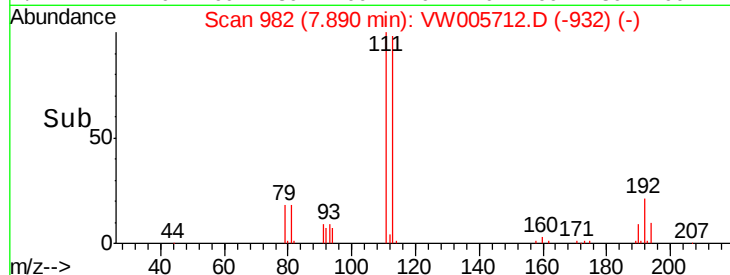
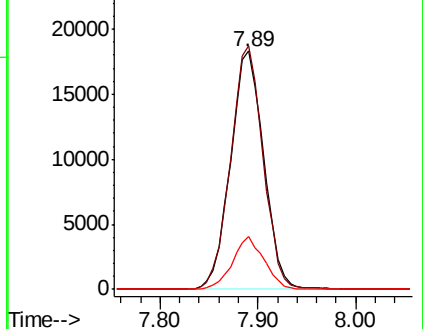
192 21.0 17.0 25.4



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: 47.668 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005712.D

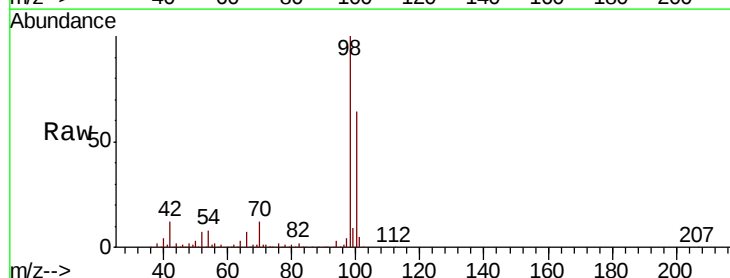
Acq: 27 Sep 2018 20:27

Tgt Ion: 98 Resp: 148077

Ion Ratio Lower Upper

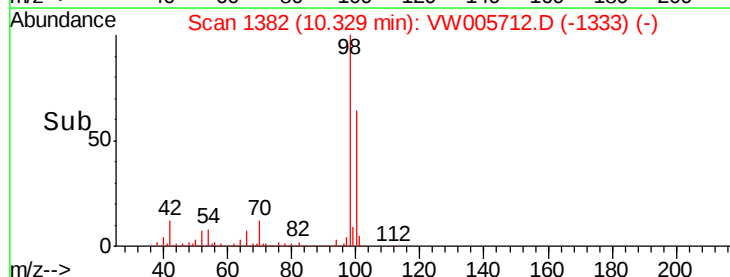
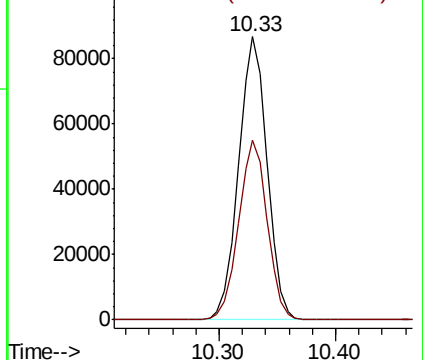
98 100

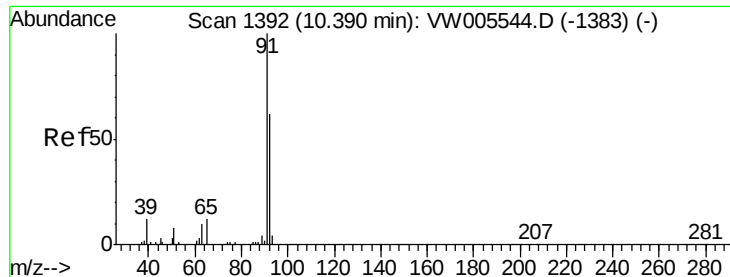
100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.485 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005712.D

Acq: 27 Sep 2018 20:27

Instrument :

MSVOA_W

ClientSampleId :

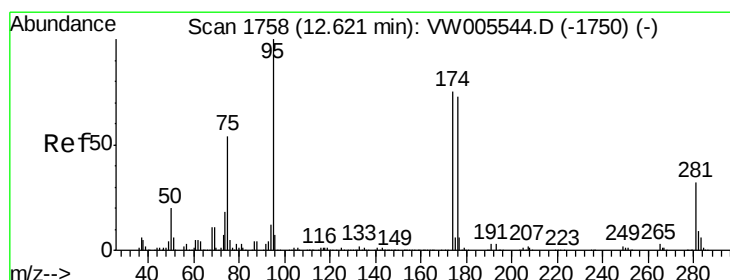
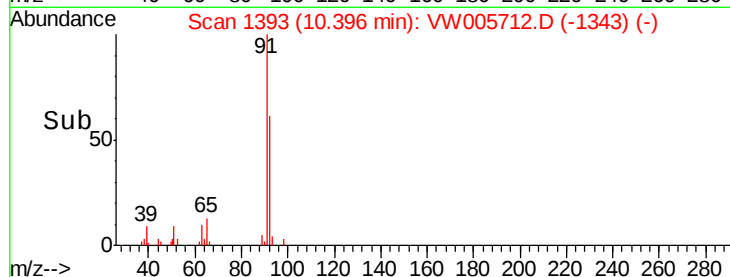
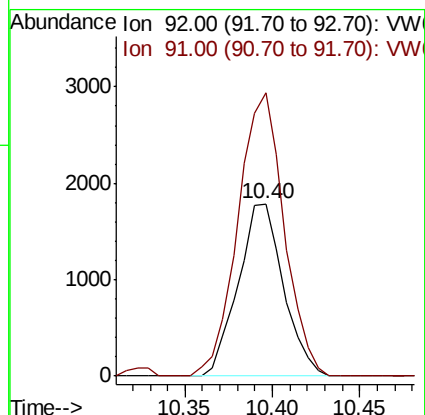
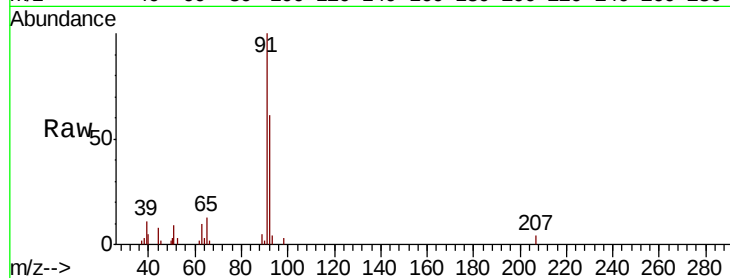
EO-01-092718-A

Tot Ion: 92 Resp: 3206

Ion Ratio Lower Upper

92 100

91 167.7 137.1 205.7



#62

4-Bromofluorobenzene

Concen: 38.559 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005712.D

Acq: 27 Sep 2018 20:27

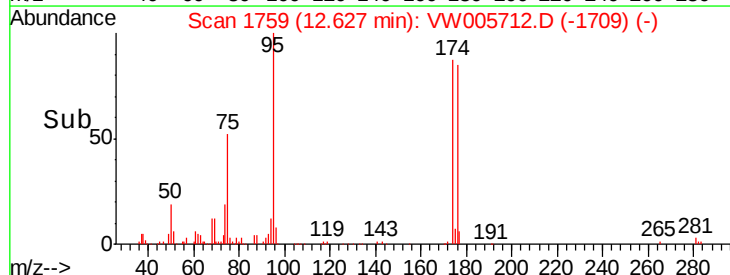
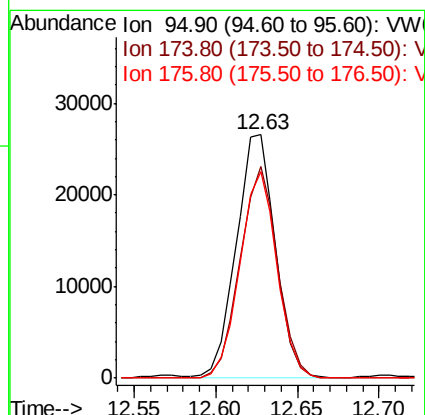
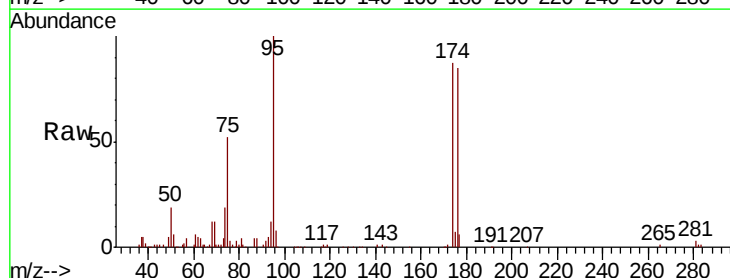
Tgt Ion: 95 Resp: 44322

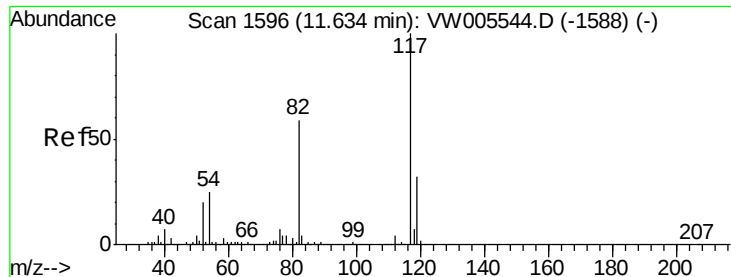
Ion Ratio Lower Upper

95 100

174 83.4 0.0 163.8

176 80.4 0.0 158.0

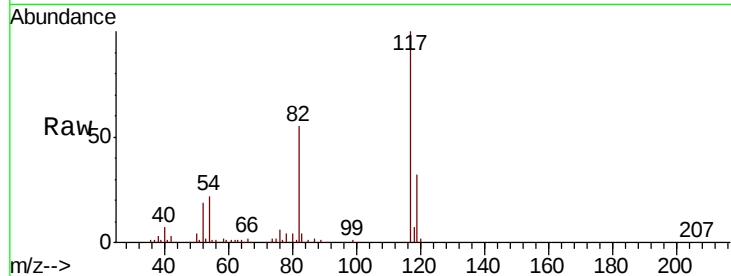




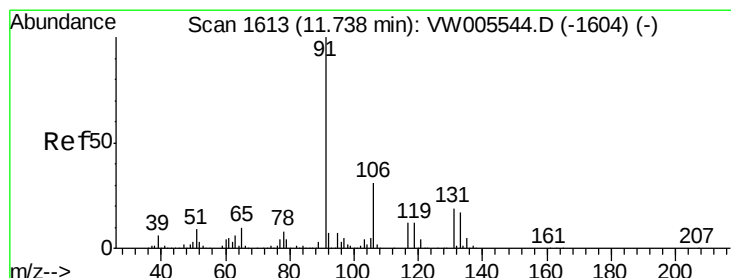
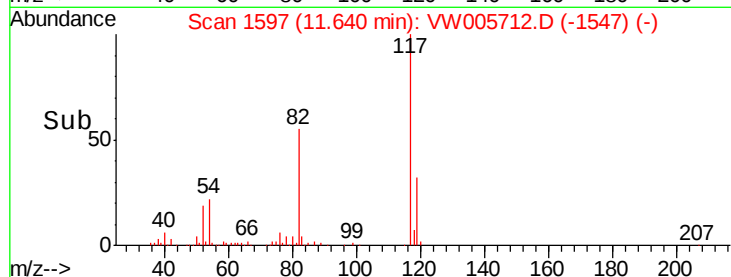
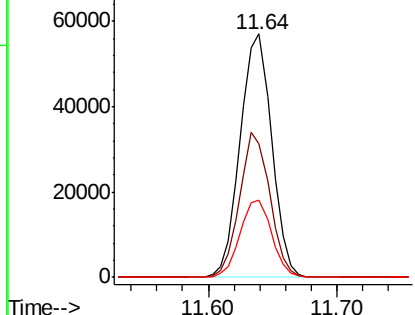
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005712.D
Acq: 27 Sep 2018 20:27

Instrument :
MSVOA_W
ClientSampleId :
EO-01-092718-A

Tot Ion:117 Resp: 96538
Ion Ratio Lower Upper
117 100
82 54.7 46.9 70.3
119 31.7 25.7 38.5

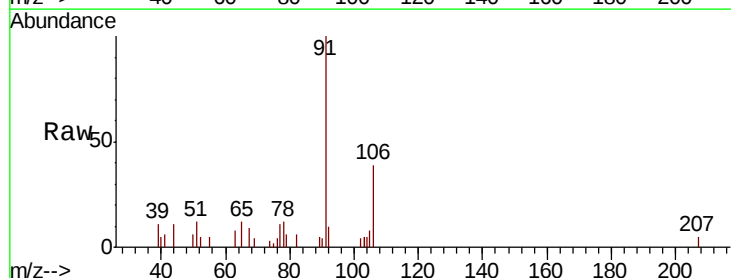


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

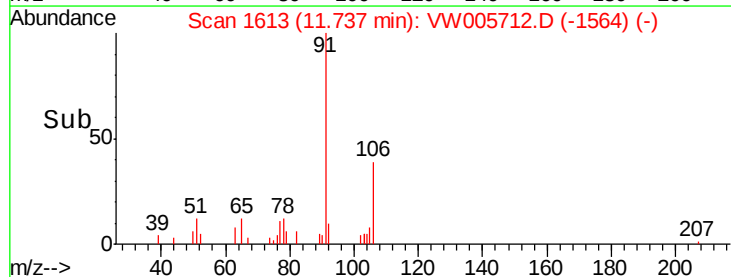
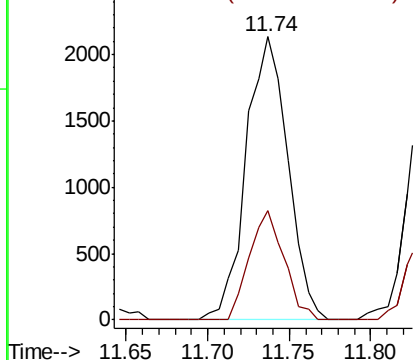


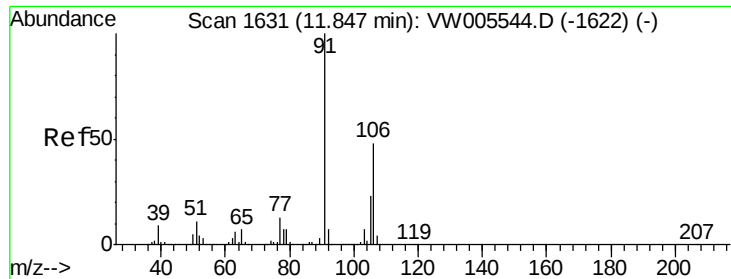
#67
Ethyl Benzene
Concen: 1.042 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005712.D
Acq: 27 Sep 2018 20:27

Tgt Ion: 91 Resp: 3792
Ion Ratio Lower Upper
91 100
106 38.7 24.4 36.6#



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 2.440 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VW005712.D

Acq: 27 Sep 2018 20:27

Instrument :

MSVOA_W

ClientSampleId :

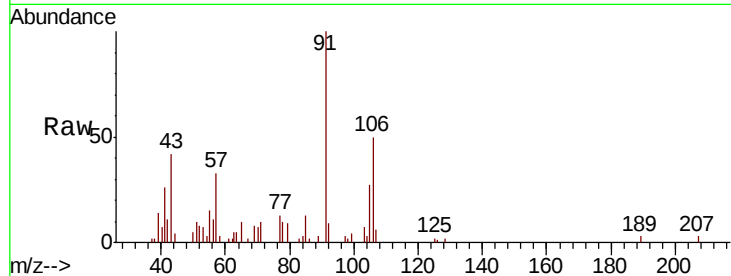
EO-01-092718-A

Tot Ion:106 Resp: 3353

Ion Ratio Lower Upper

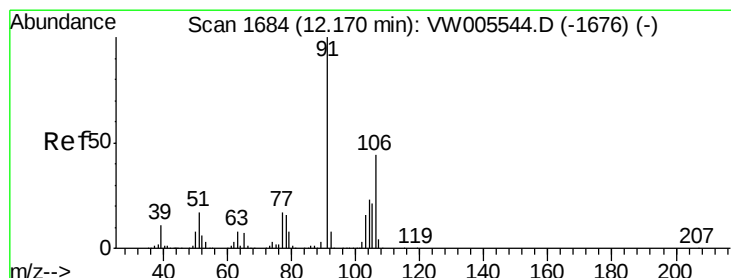
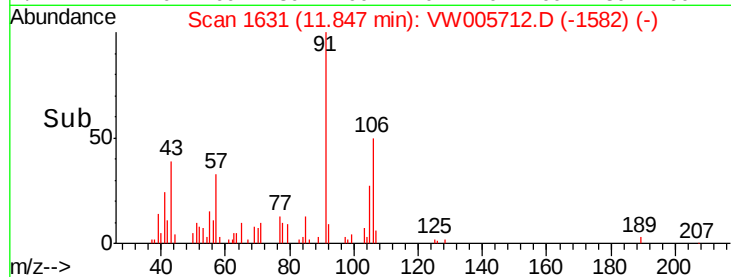
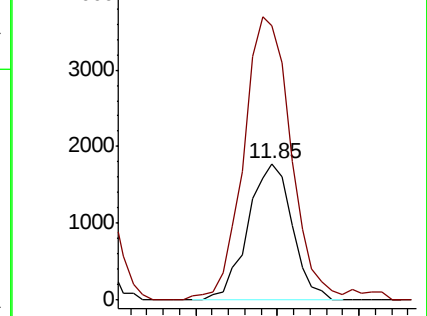
106 100

91 221.9 167.8 251.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 2.826 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW005712.D

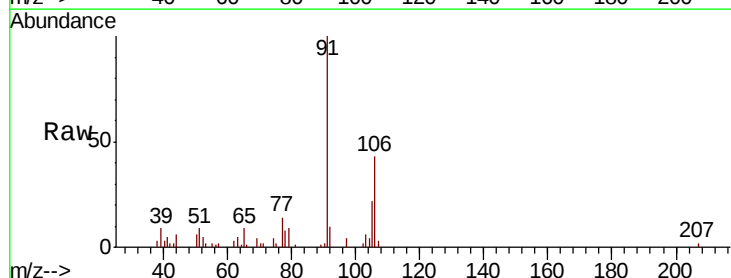
Acq: 27 Sep 2018 20:27

Tgt Ion:106 Resp: 3638

Ion Ratio Lower Upper

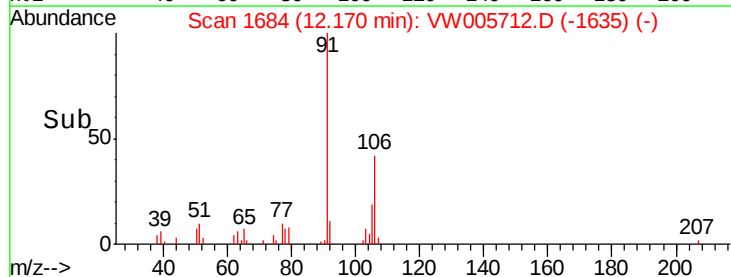
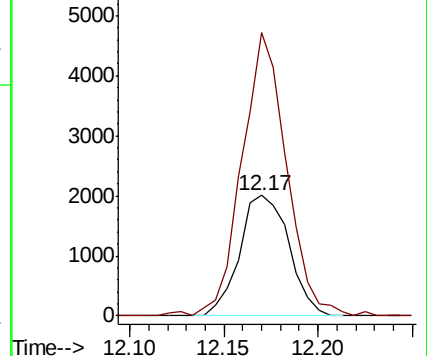
106 100

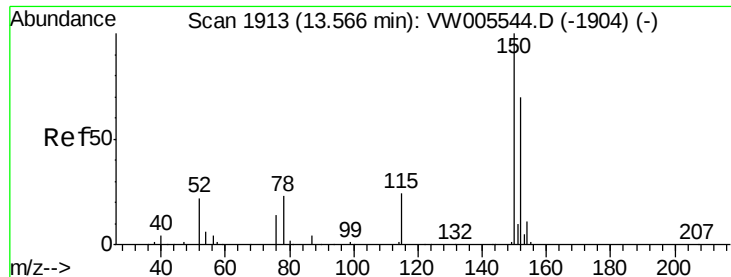
91 212.7 111.0 333.0



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: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005712.D

Acq: 27 Sep 2018 20:27

Instrument :

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ClientSampleId :

EO-01-092718-A

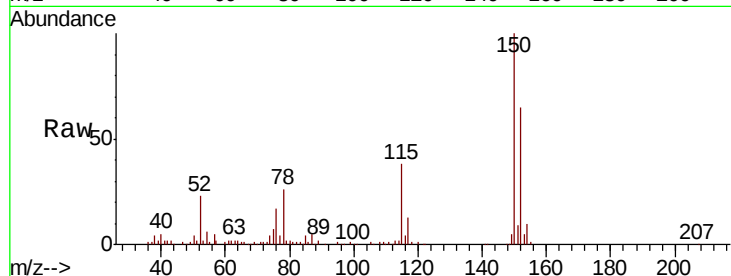
Tot Ion:152 Resp: 38718

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

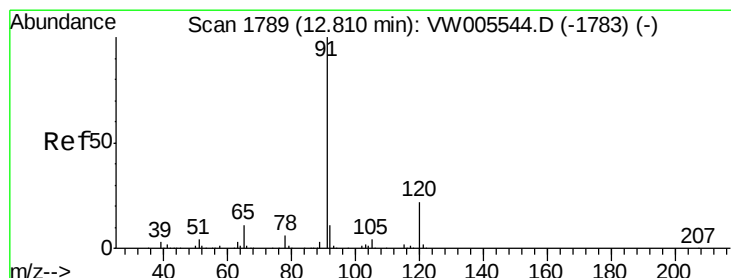
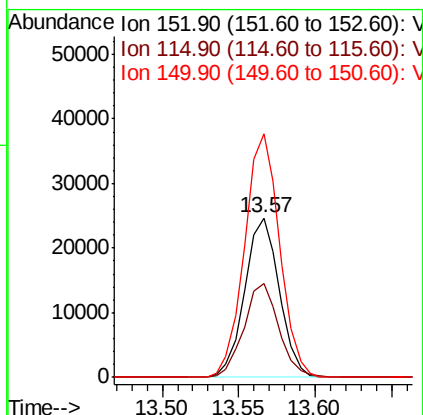
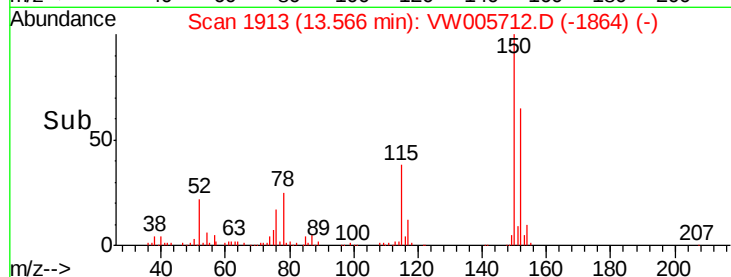
150 155.2 0.0 348.6



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: 1.082 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005712.D

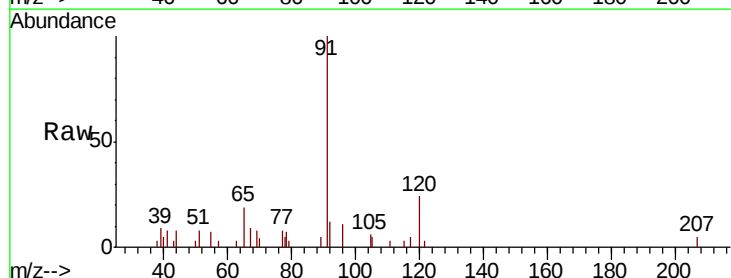
Acq: 27 Sep 2018 20:27

Tgt Ion: 91 Resp: 3516

Ion Ratio Lower Upper

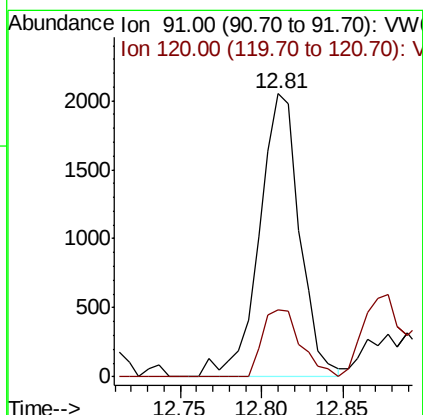
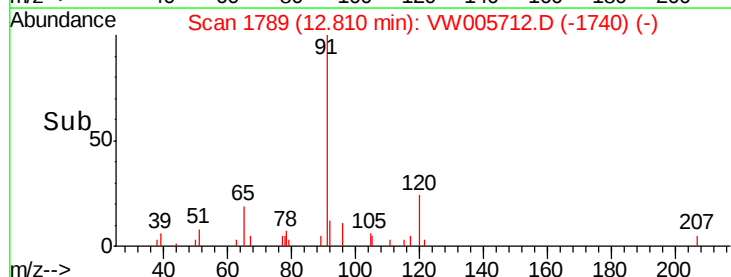
91 100

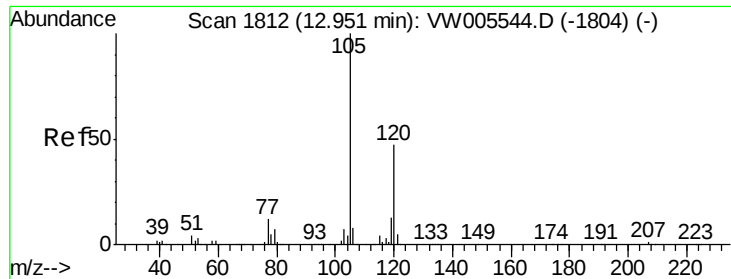
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

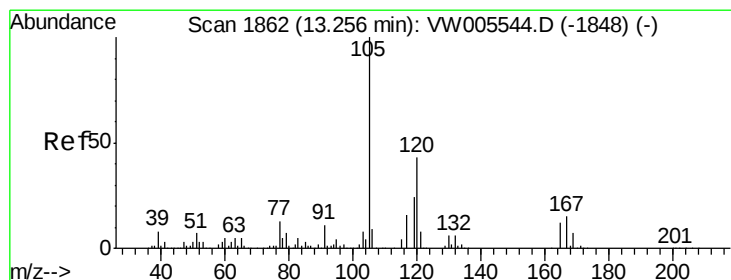
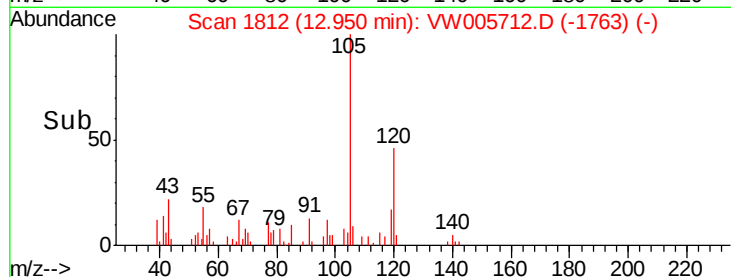
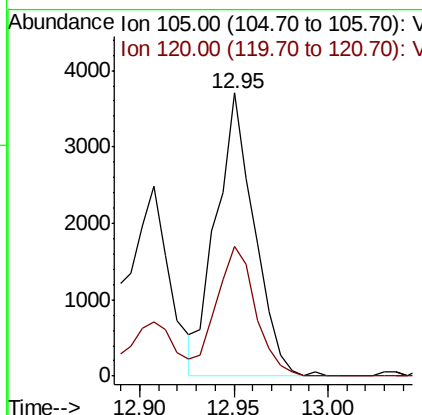
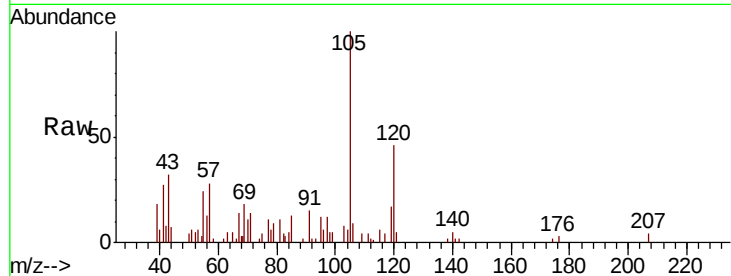




#80
 1,3,5-Trimethylbenzene
 Concen: 2.221 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005712.D
 Acq: 27 Sep 2018 20:27

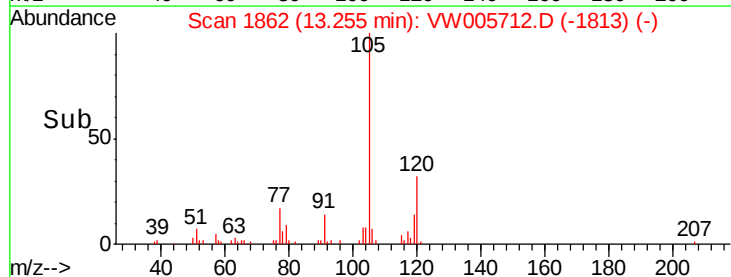
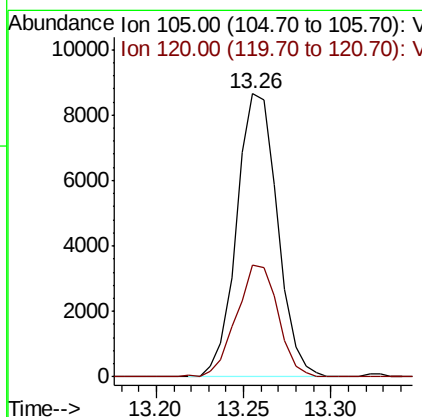
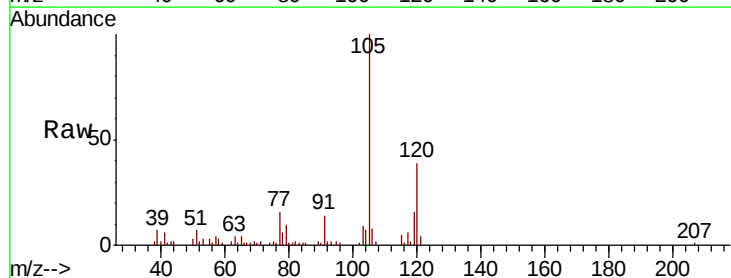
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-092718-A

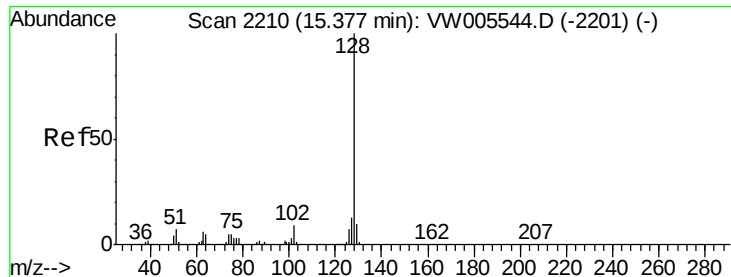
Tot Ion:105 Resp: 5186
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.6 70.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.950 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005712.D
 Acq: 27 Sep 2018 20:27

Tgt Ion:105 Resp: 14019
 Ion Ratio Lower Upper
 105 100
 120 40.2 21.5 64.5

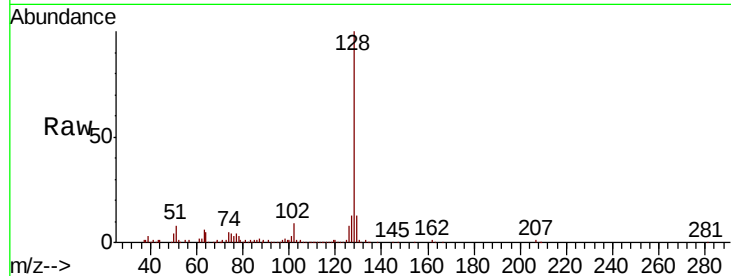




#95
Naphthalene
Concen: 61.297 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005712.D
Acq: 27 Sep 2018 20:27

Instrument :
MSVOA_W
ClientSampleId :
EO-01-092718-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.9	16.3
129	11.6	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

