

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007024.D
 Acq On : 22 Nov 2018 03:44
 Operator : VAY/AP
 Sample : J5763-01RE
 Misc : 4.14G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-111918-ARE

Quant Time: Nov 22 06:08:41 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	98660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	155923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47908	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	64756	67.04	ug/l	0.00
Spiked Amount			Recovery	=	134.08%	
35) Dibromofluoromethane	7.89	113	54449	61.84	ug/l	0.00
Spiked Amount			Recovery	=	123.68%	
50) Toluene-d8	10.32	98	79440	20.43	ug/l	0.00
Spiked Amount			Recovery	=	40.86%	
62) 4-Bromofluorobenzene	12.62	95	68492	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	

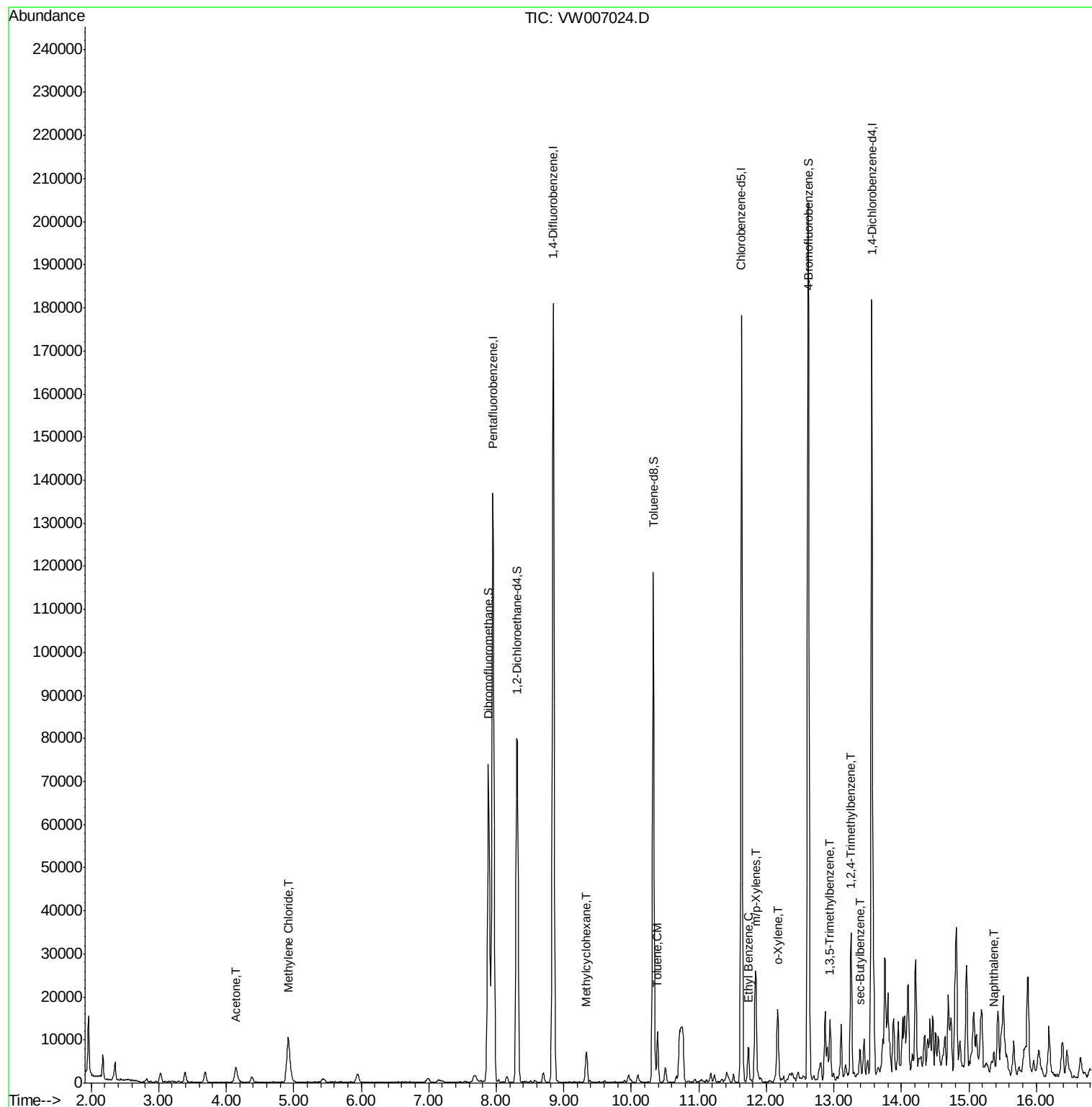
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	6904	49.231	ug/l	91
20) Methylene Chloride	4.92	84	8116	2.088	ug/l	99
39) Methylcyclohexane	9.34	83	2898	1.520	ug/l #	89
52) Toluene	10.39	92	5085	1.817	ug/l	97
67) Ethyl Benzene	11.73	91	5384	1.388	ug/l	98
68) m/p-Xylenes	11.84	106	7854	5.160	ug/l	100
69) o-Xylene	12.17	106	4326	3.014	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	5322	1.653	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	18813	5.865	ug/l	99
85) sec-Butylbenzene	13.38	105	4282	1.087	ug/l	93
95) Naphthalene	15.37	128	2962	1.730	ug/l #	92

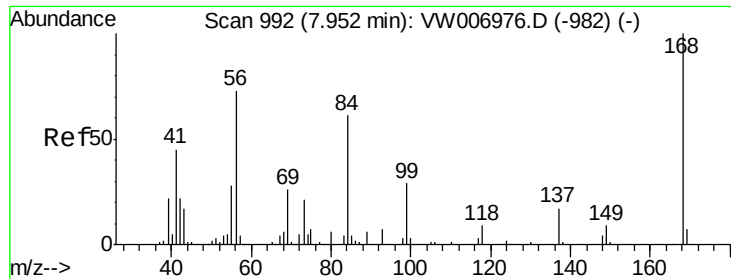
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW007024.D

Acq: 22 Nov 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

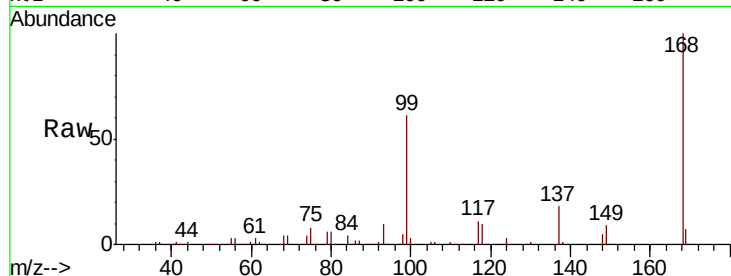
HR-06-111918-ARE

Tot Ion:168 Resp: 98660

Ion Ratio Lower Upper

168 100

99 61.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

20000

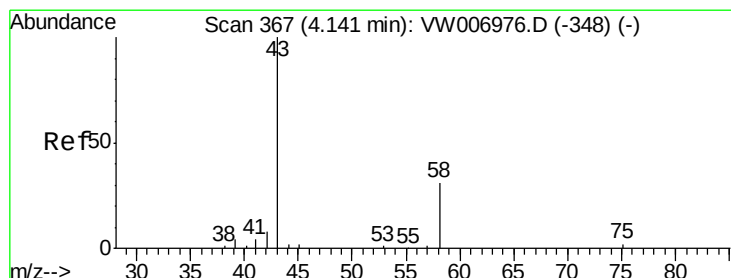
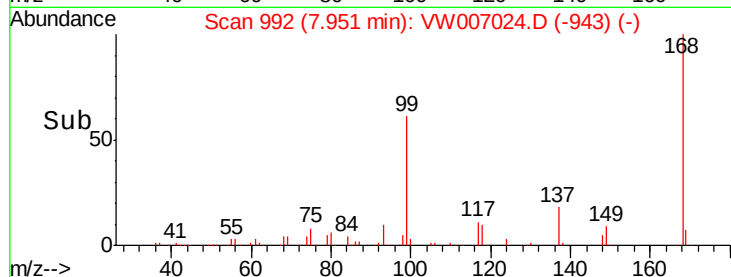
10000

0

7.90

8.00

Time-->



#16

Acetone

Concen: 49.231 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007024.D

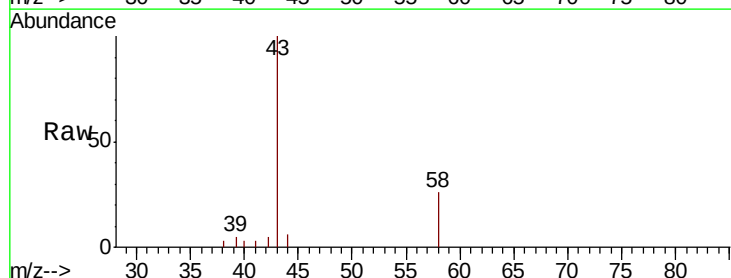
Acq: 22 Nov 2018 03:44

Tgt Ion: 43 Resp: 6904

Ion Ratio Lower Upper

43 100

58 26.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

2500

2000

1500

1000

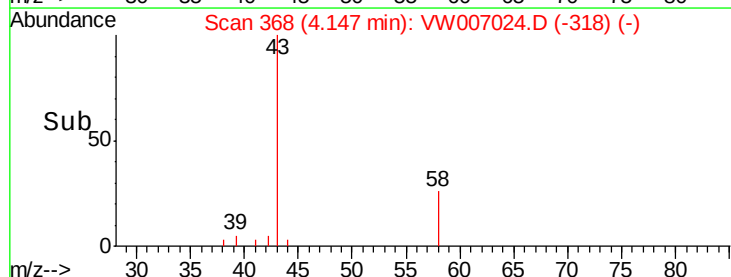
500

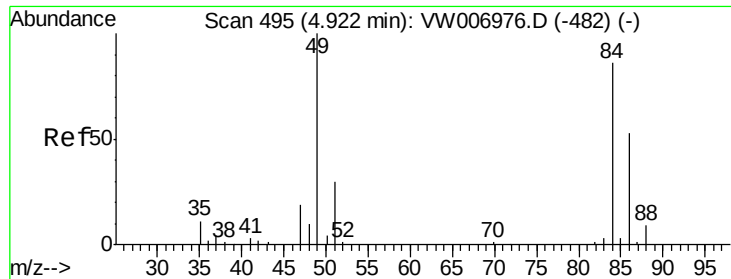
0

4.10

4.20

Time-->

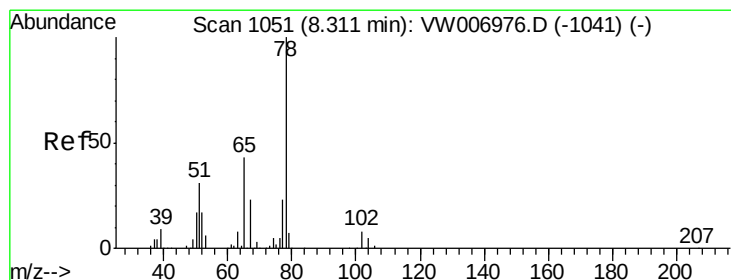
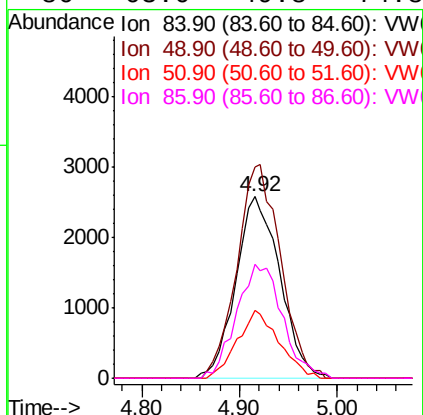
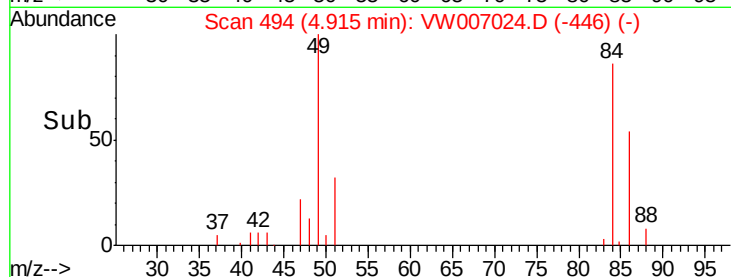
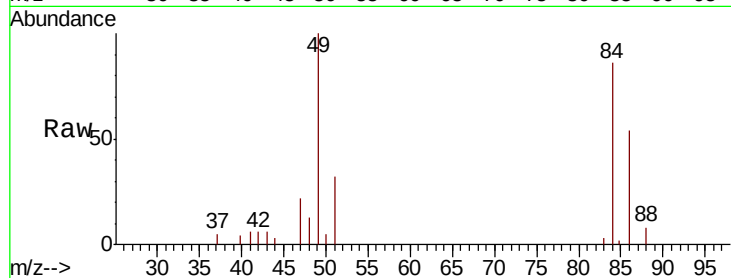




#20
Methylene Chloride
Concen: 2.088 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW007024.D
Acq: 22 Nov 2018 03:44

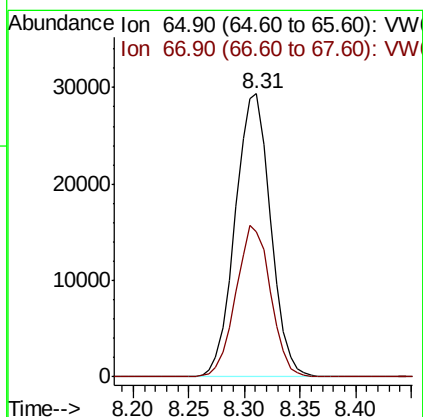
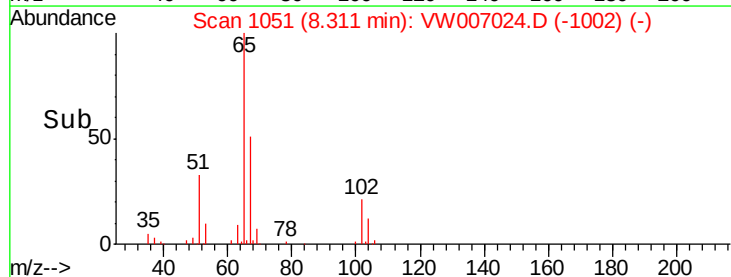
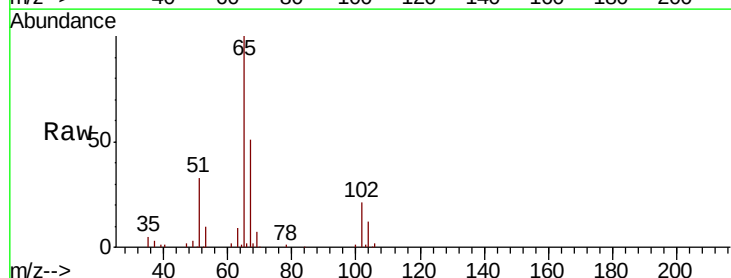
Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-ARE

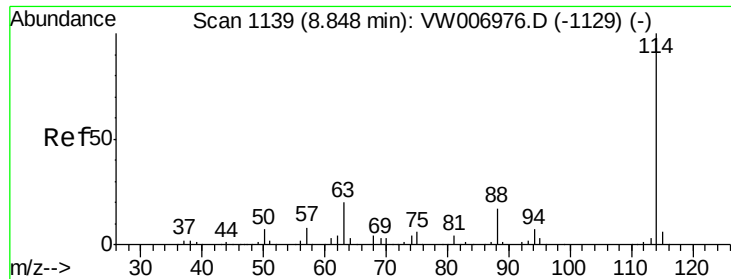
Tot Ion:	84	Resp:	8116
Ion	Ratio	Lower	Upper
84	100		
49	116.1	93.4	140.0
51	37.4	28.4	42.6
86	63.0	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 67.042 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007024.D
Acq: 22 Nov 2018 03:44

Tgt Ion:	65	Resp:	64756
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.2

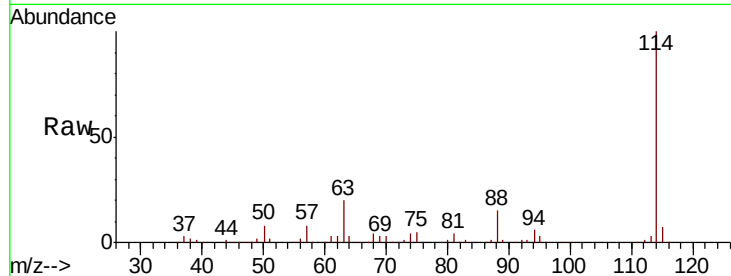




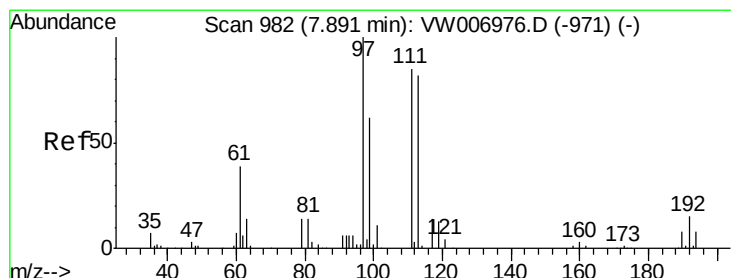
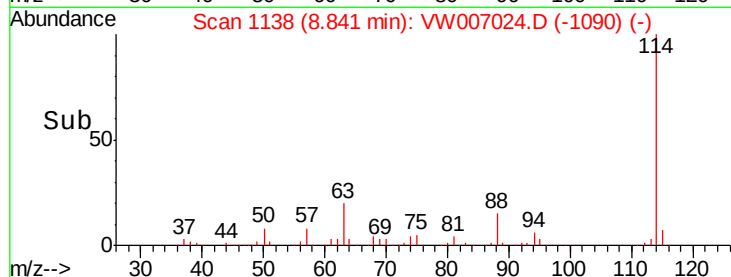
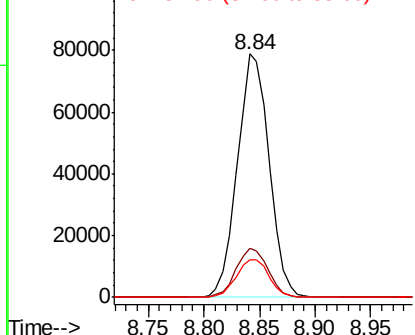
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007024.D
 Acq: 22 Nov 2018 03:44

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-111918-ARE

Tot Ion:114 Resp: 155923
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 15.5 0.0 34.2

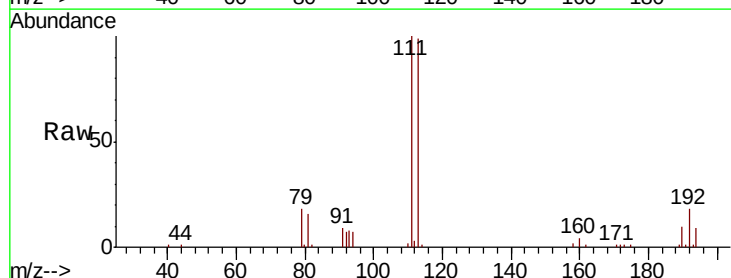


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

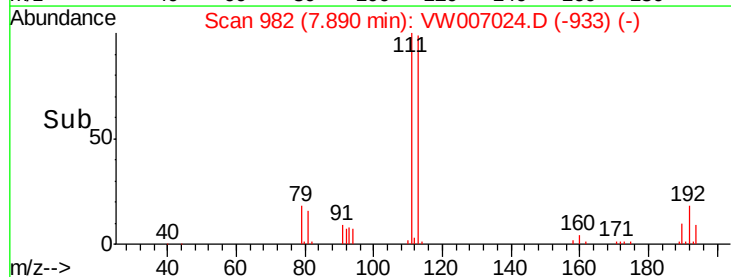
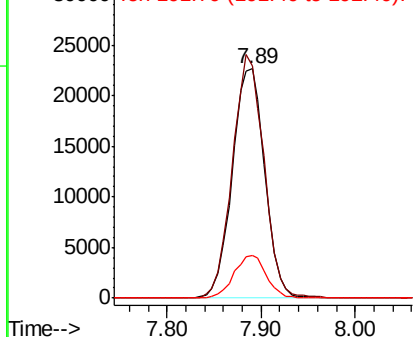


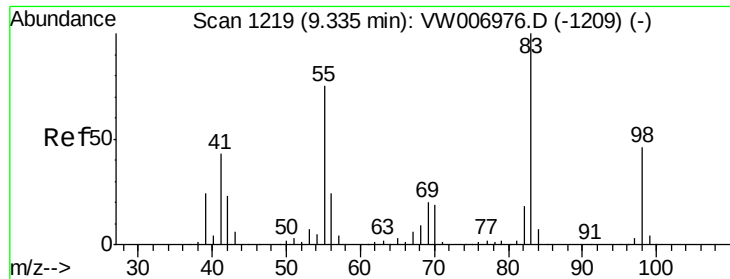
#35
 Dibromofluoromethane
 Concen: 61.836 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007024.D
 Acq: 22 Nov 2018 03:44

Tgt Ion:113 Resp: 54449
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.0 121.6
 192 18.2 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

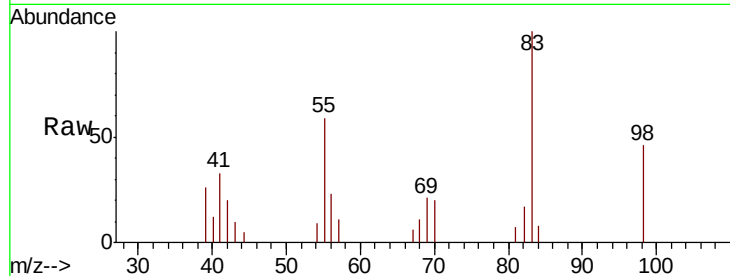




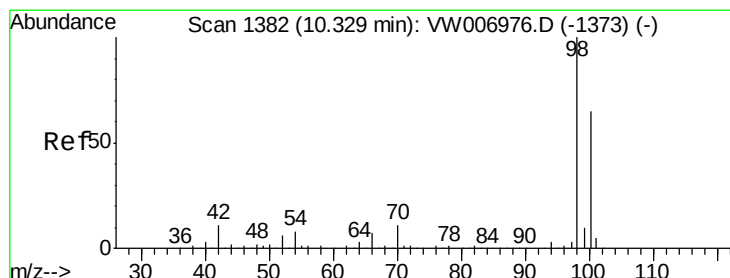
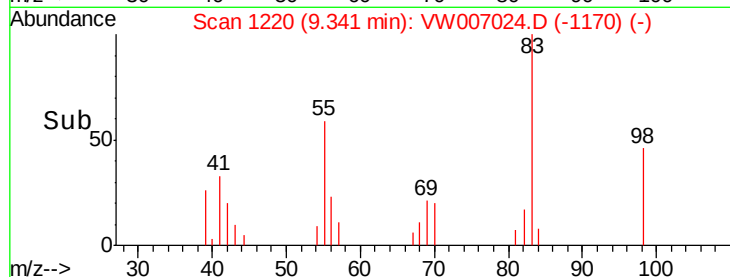
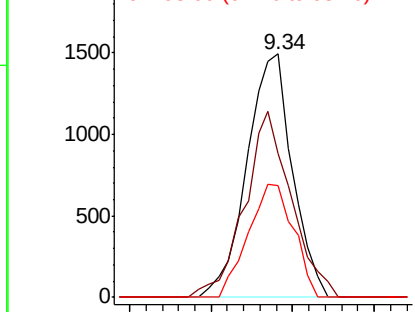
#39
Methylvlcyclohexane
Concen: 1.520 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007024.D
Acq: 22 Nov 2018 03:44

Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-ARE

Tot Ion: 83 Resp: 2898
Ion Ratio Lower Upper
83 100
55 59.3 59.6 89.4#
98 45.8 37.1 55.7

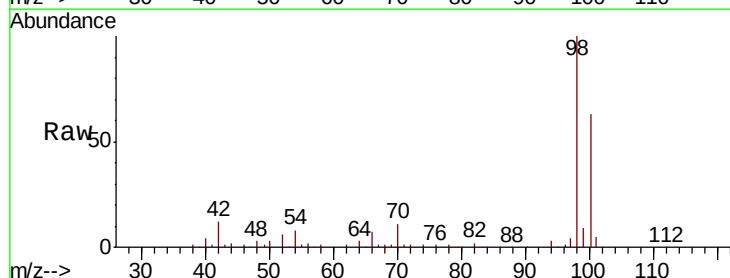


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

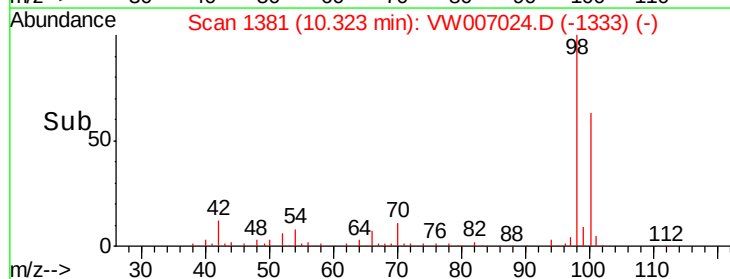
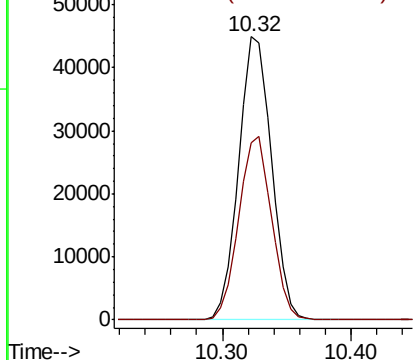


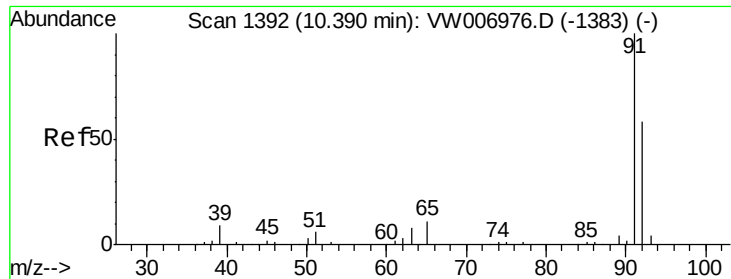
#50
Toluene-d8
Concen: 20.430 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007024.D
Acq: 22 Nov 2018 03:44

Tgt Ion: 98 Resp: 79440
Ion Ratio Lower Upper
98 100
100 64.7 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: 1.817 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007024.D

Acq: 22 Nov 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

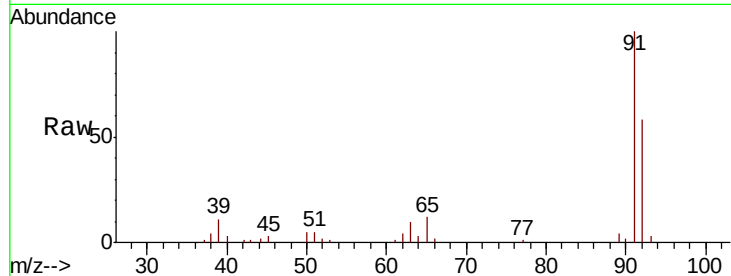
HR-06-111918-ARE

Tot Ion: 92 Resp: 5085

Ion Ratio Lower Upper

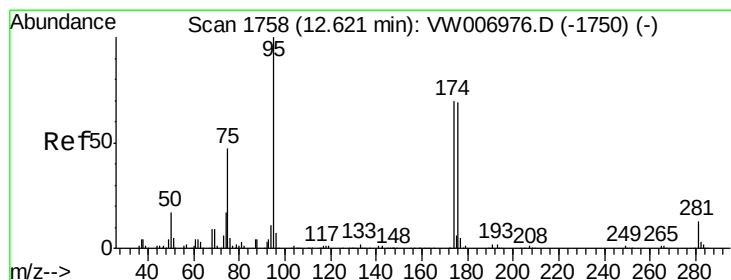
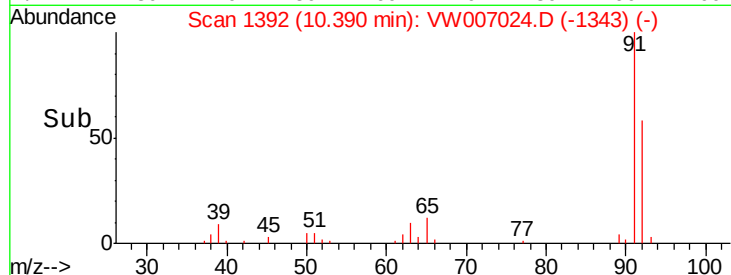
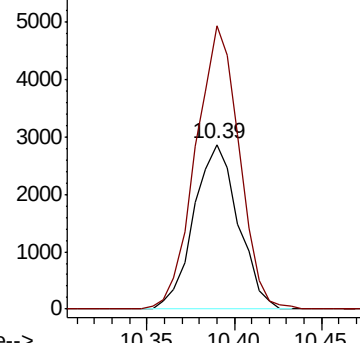
92 100

91 167.9 137.3 205.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 44.762 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007024.D

Acq: 22 Nov 2018 03:44

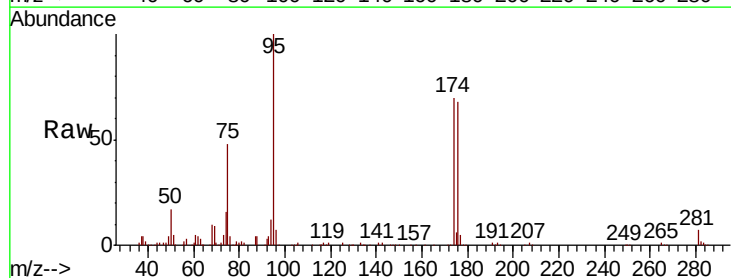
Tgt Ion: 95 Resp: 68492

Ion Ratio Lower Upper

95 100

174 72.6 0.0 143.6

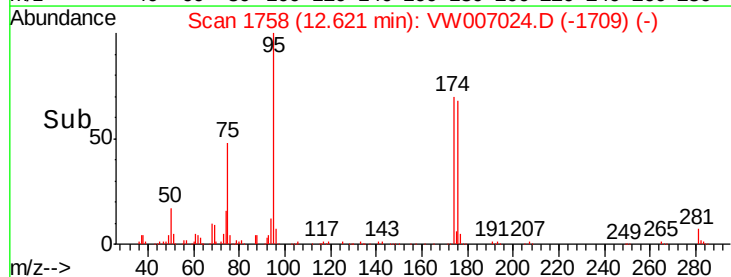
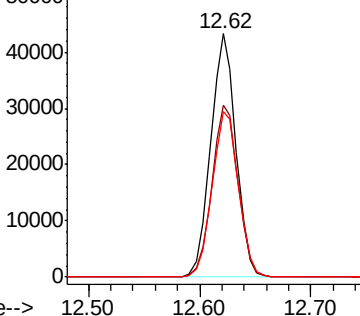
176 70.7 0.0 140.4

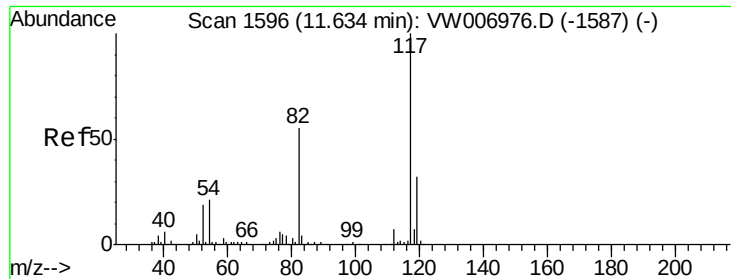


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

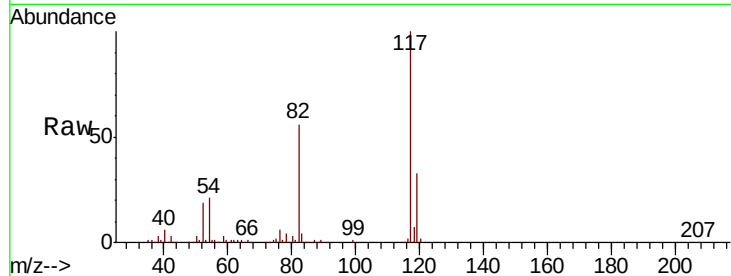




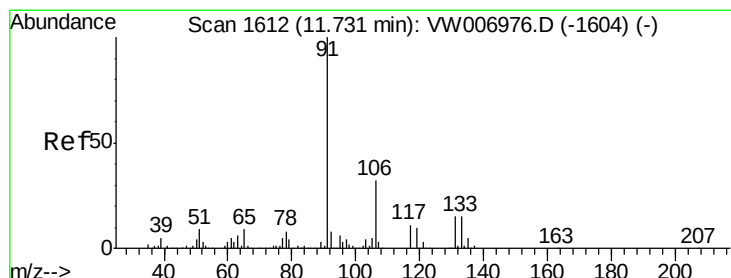
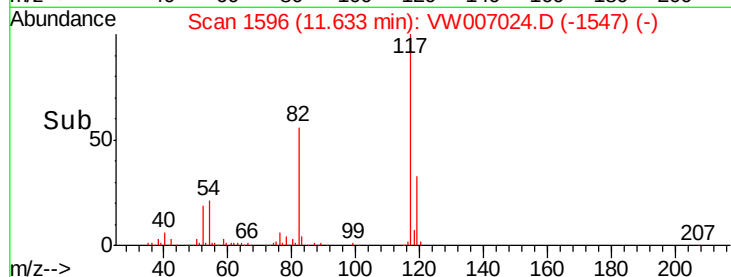
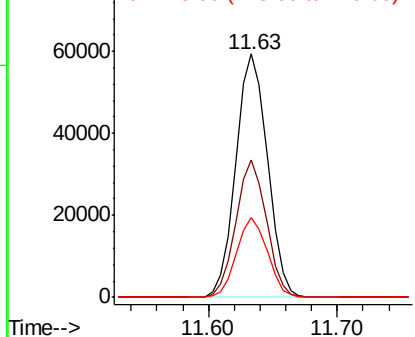
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007024.D
Acq: 22 Nov 2018 03:44

Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-ARE

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.2	66.2
119	32.7	25.9	38.9

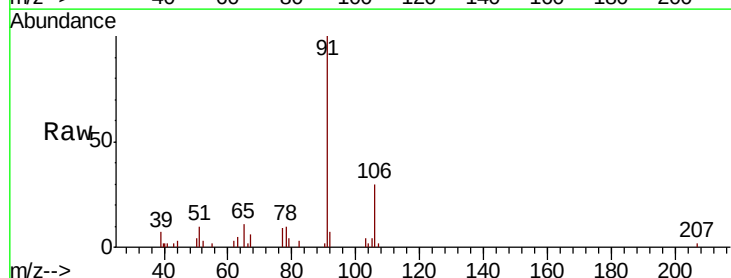


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

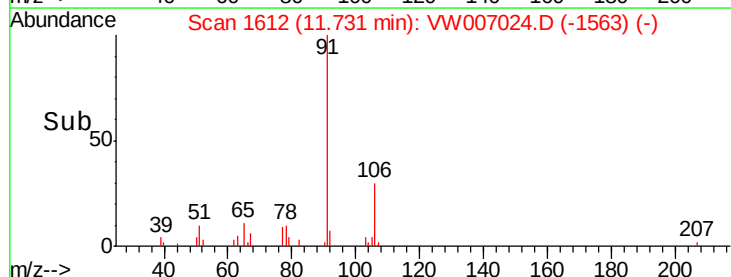
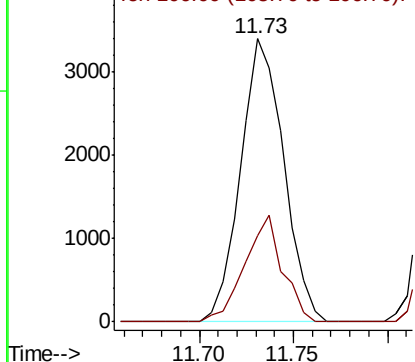


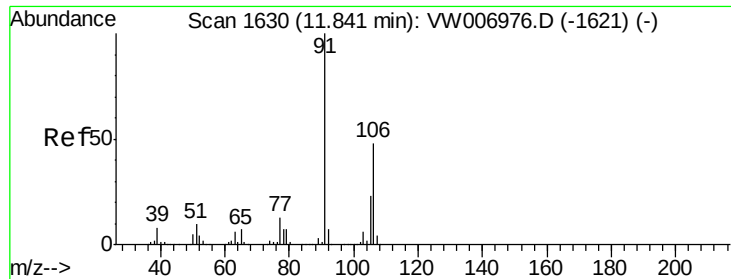
#67
Ethyl Benzene
Concen: 1.388 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007024.D
Acq: 22 Nov 2018 03:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.4	38.2



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

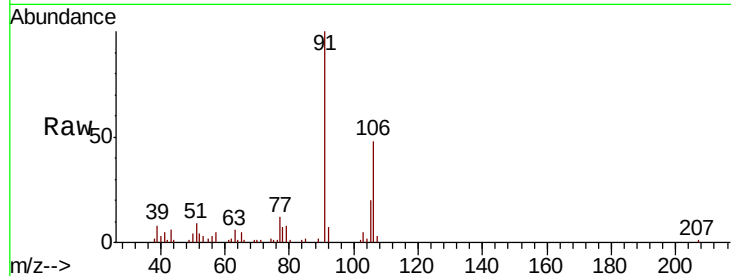




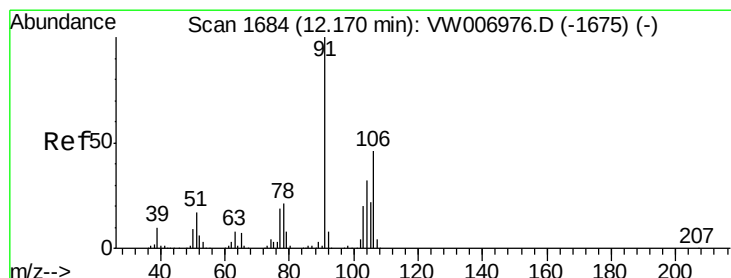
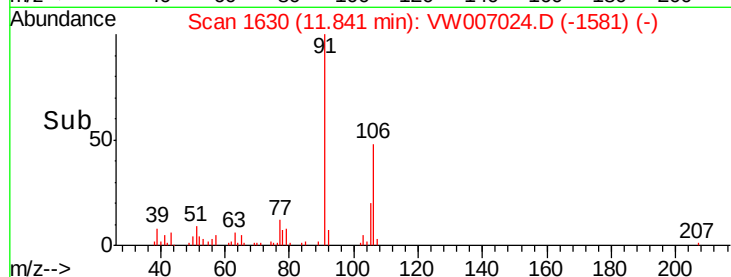
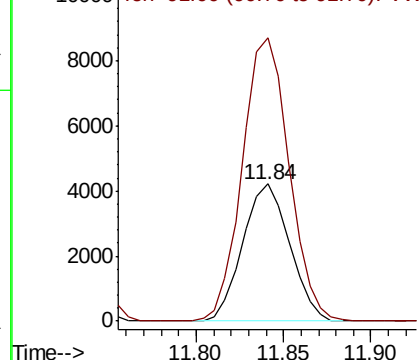
#68
m/p-Xylenes
Concen: 5.160 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007024.D
Acq: 22 Nov 2018 03:44

Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-ARE

Tot Ion:106 Resp: 7854
Ion Ratio Lower Upper
106 100
91 206.0 164.8 247.2

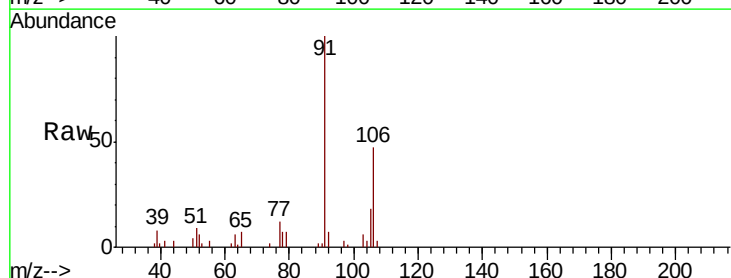


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

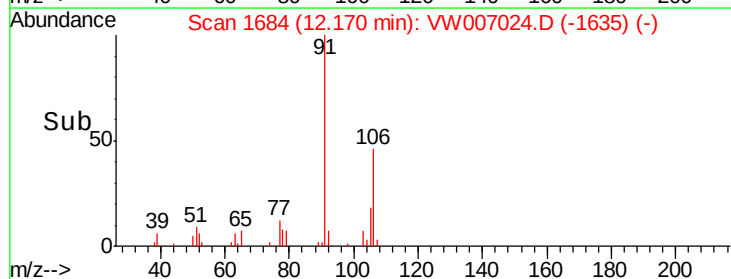
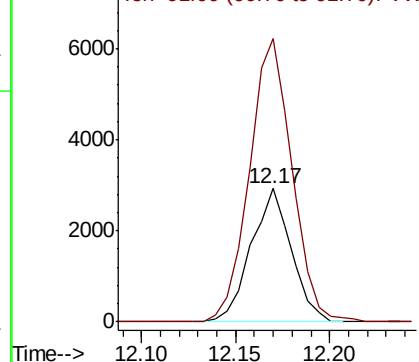


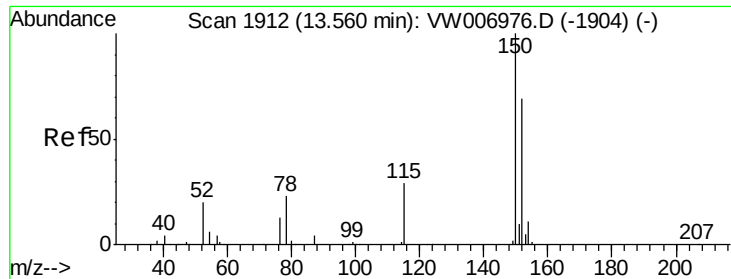
#69
o-Xylene
Concen: 3.014 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007024.D
Acq: 22 Nov 2018 03:44

Tgt Ion:106 Resp: 4326
Ion Ratio Lower Upper
106 100
91 224.4 107.9 323.8



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



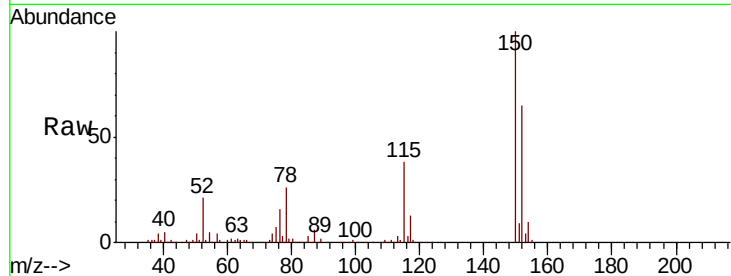


#72

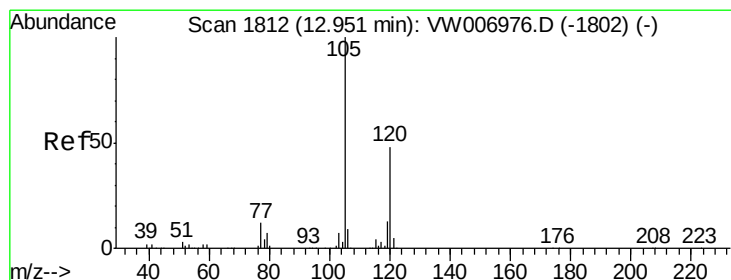
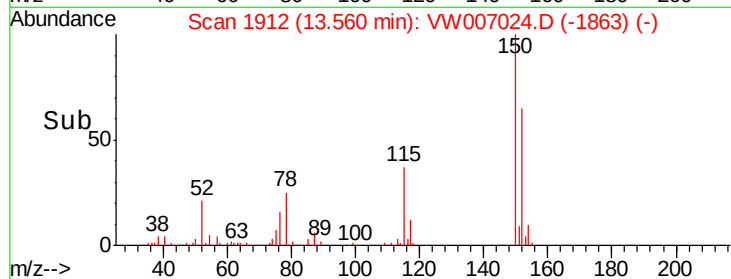
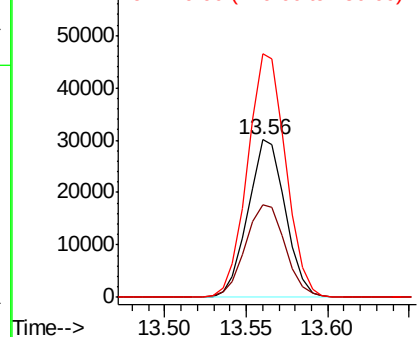
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007024.D
Acq: 22 Nov 2018 03:44

Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-ARE

Tot Ion:152 Resp: 47908
Ion Ratio Lower Upper
152 100
115 63.2 31.4 94.2
150 157.8 0.0 353.4



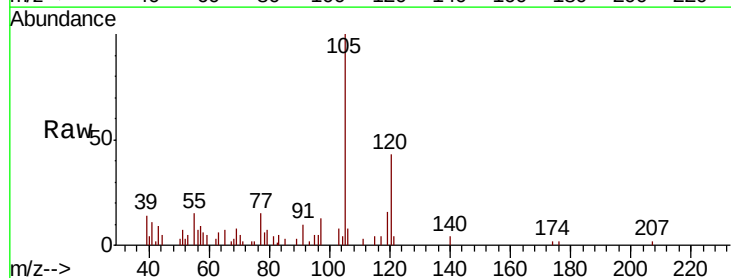
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



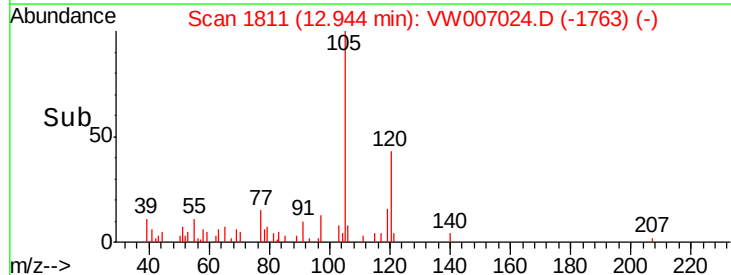
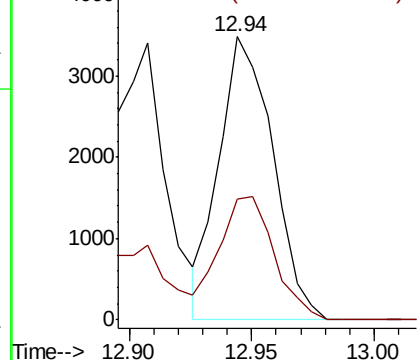
#80

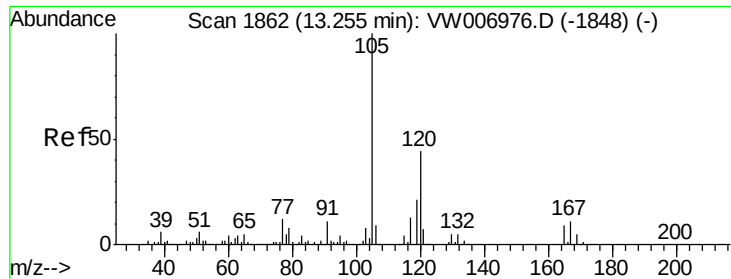
1,3,5-Trimethylbenzene
Concen: 1.653 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VW007024.D
Acq: 22 Nov 2018 03:44

Tgt Ion:105 Resp: 5322
Ion Ratio Lower Upper
105 100
120 44.8 23.8 71.2



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

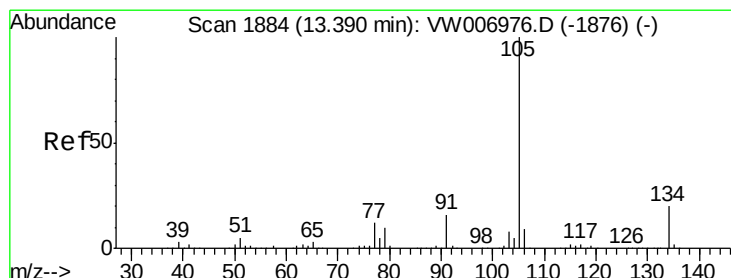
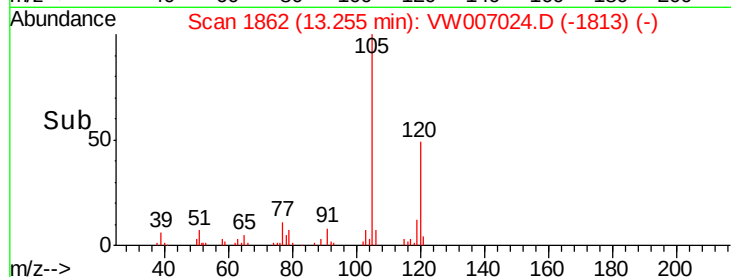
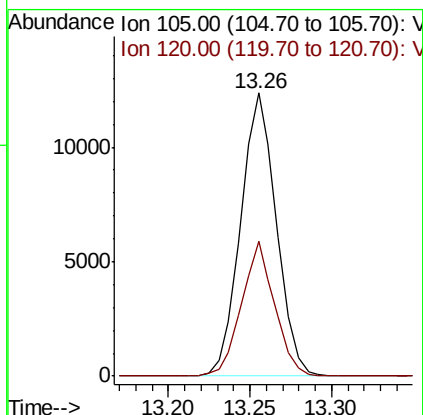
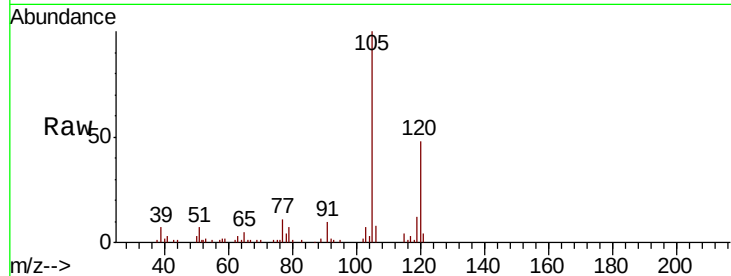




#84
1,2,4-Trimethylbenzene
Concen: 5.865 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007024.D
Acq: 22 Nov 2018 03:44

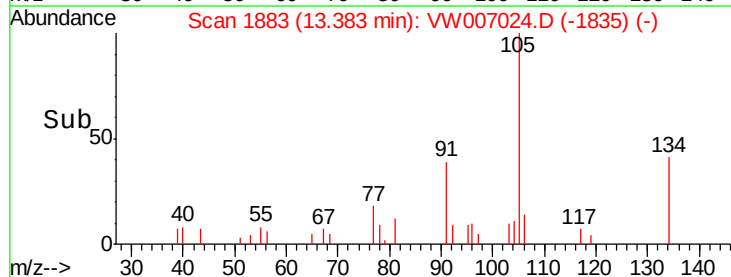
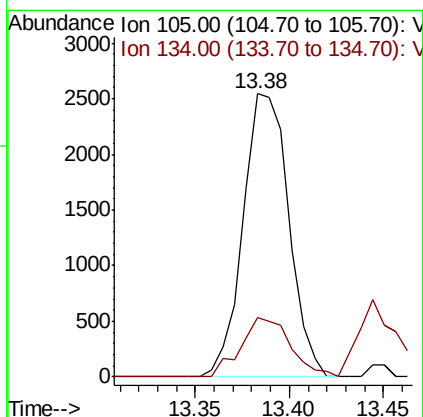
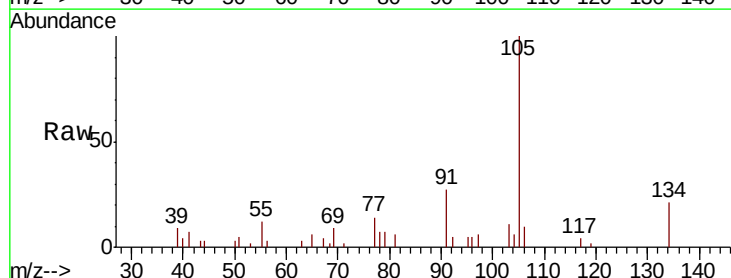
Instrument :
MSVOA_W
ClientSampleId :
HR-06-111918-ARE

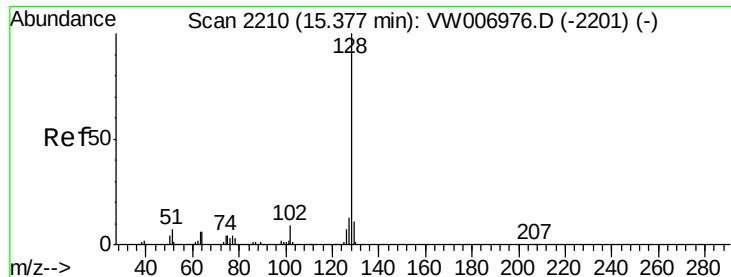
Tot Ion:105 Resp: 18813
Ion Ratio Lower Upper
105 100
120 43.9 21.8 65.3



#85
sec-Butylbenzene
Concen: 1.087 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VW007024.D
Acq: 22 Nov 2018 03:44

Tgt Ion:105 Resp: 4282
Ion Ratio Lower Upper
105 100
134 22.6 9.8 29.3





#95

Naphthalene

Concen: 1.730 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007024.D

Acq: 22 Nov 2018 03:44

Instrument :

MSVOA_W

ClientSampleId :

HR-06-111918-ARE

Tot Ion:128 Resp: 2962

Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

129 16.0 8.7 13.1#

