

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007033.D
 Acq On : 22 Nov 2018 07:34
 Operator : VAY/AP
 Sample : J6028-01
 Misc : 7.06G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-1

Quant Time: Nov 23 00:01:20 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	103018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	166264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	123960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	33271	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	59680	59.17	ug/l	0.00
Spiked Amount			Recovery	=	118.34%	
35) Dibromofluoromethane	7.88	113	24836	26.45	ug/l	0.00
Spiked Amount			Recovery	=	52.90%	
50) Toluene-d8	10.32	98	195269	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.62	95	52473	32.16	ug/l	0.00
Spiked Amount			Recovery	=	64.32%	

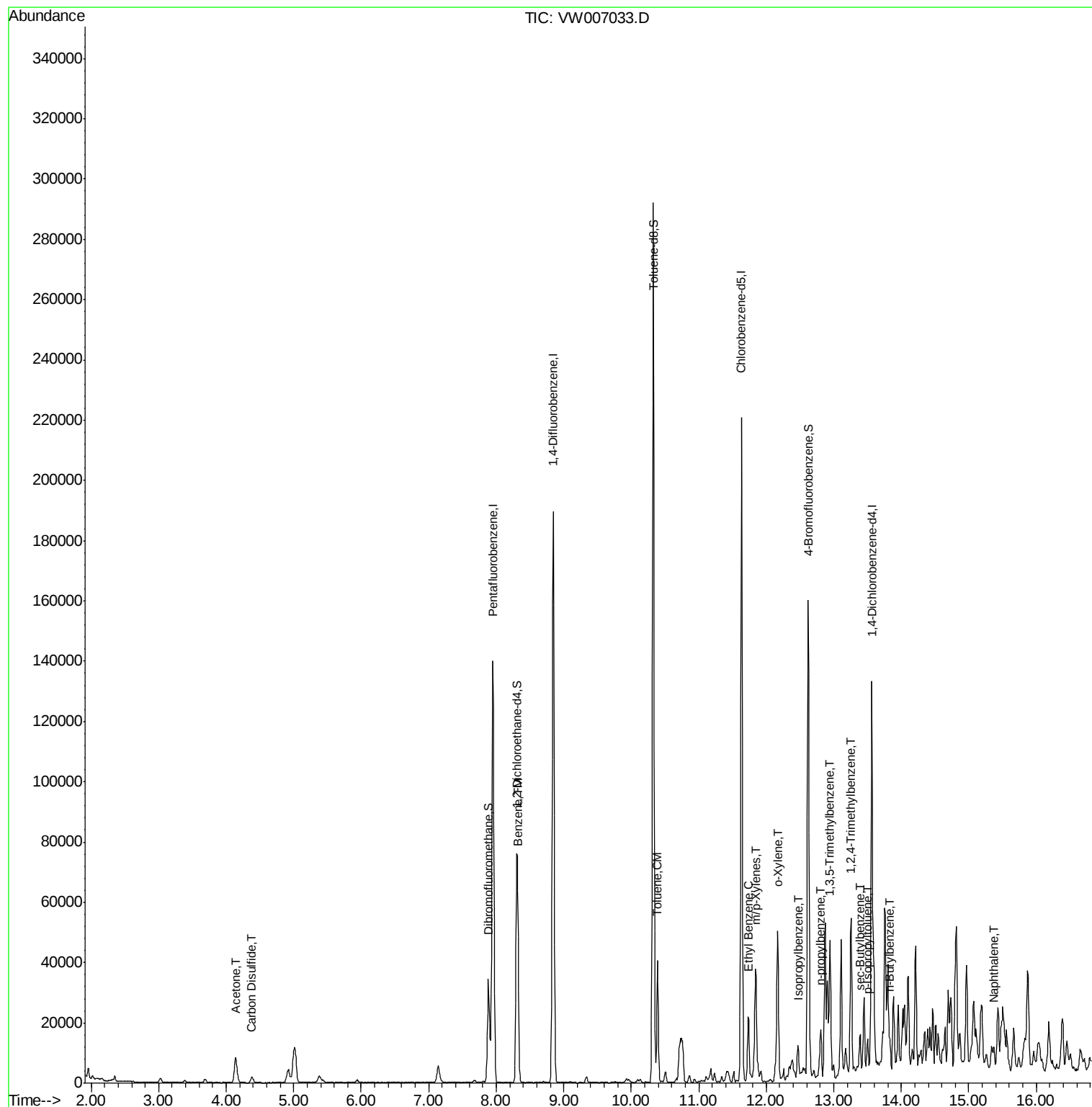
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	14674	100.210	ug/l	99
17) Carbon Disulfide	4.38	76	4039	1.340	ug/l #	94
40) Benzene	8.32	78	7608	1.735	ug/l	97
52) Toluene	10.39	92	17036	5.708	ug/l	98
67) Ethyl Benzene	11.73	91	15654	3.294	ug/l	100
68) m/p-Xylenes	11.84	106	8939	4.794	ug/l	95
69) o-Xylene	12.17	106	12342	7.019	ug/l	98
73) Isopropylbenzene	12.47	105	6292	2.433	ug/l	98
78) n-propylbenzene	12.81	91	12441	3.972	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	17198	7.691	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	29328	13.165	ug/l	97
85) sec-Butylbenzene	13.39	105	7358	2.690	ug/l	85
86) p-Isopropyltoluene	13.50	119	5203	2.156	ug/l	98
89) n-Butylbenzene	13.83	91	4608	2.029	ug/l #	77
95) Naphthalene	15.38	128	3561	2.994	ug/l	97

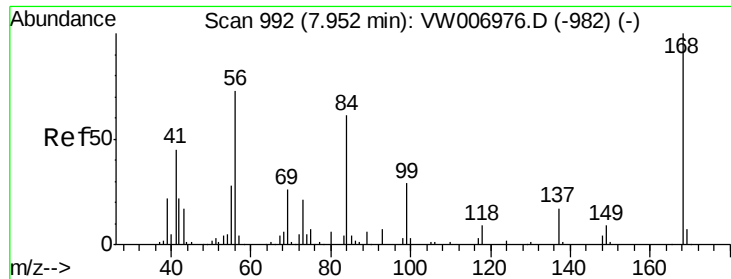
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112218\
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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: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

ClientSampleId :

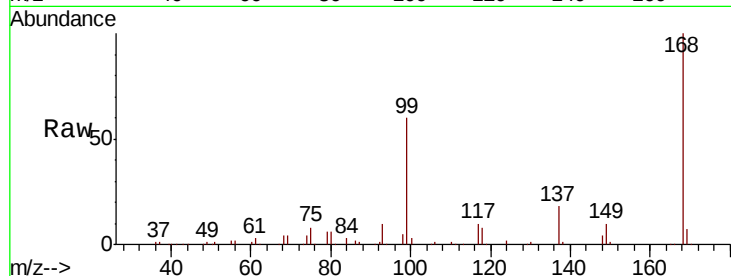
VOC-1

Tot Ion:168 Resp: 103018

Ion Ratio Lower Upper

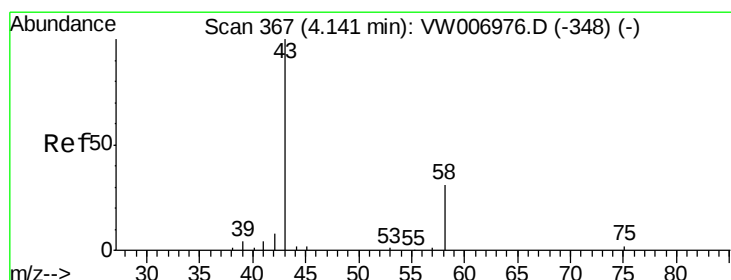
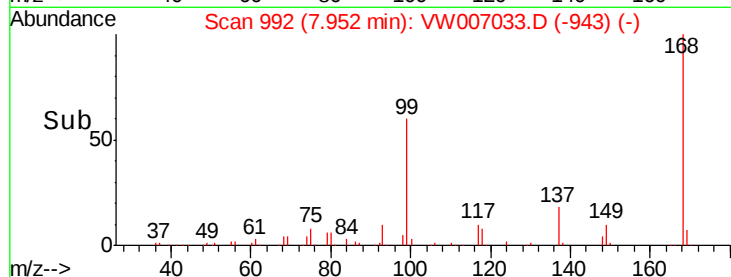
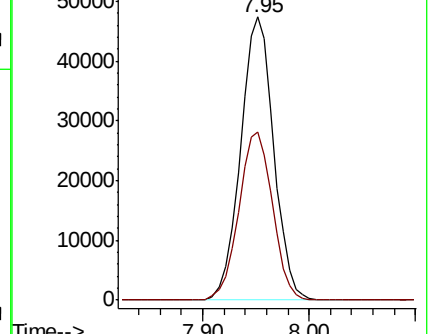
168 100

99 59.6 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: 100.210 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW007033.D

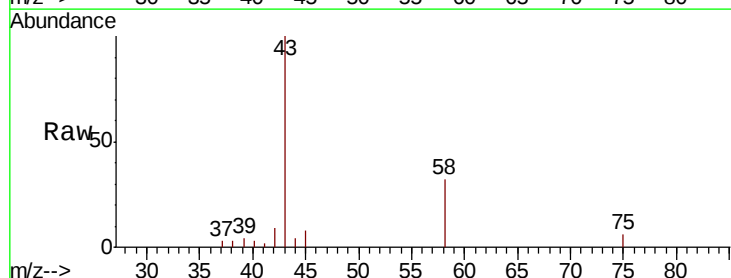
Acq: 22 Nov 2018 07:34

Tgt Ion: 43 Resp: 14674

Ion Ratio Lower Upper

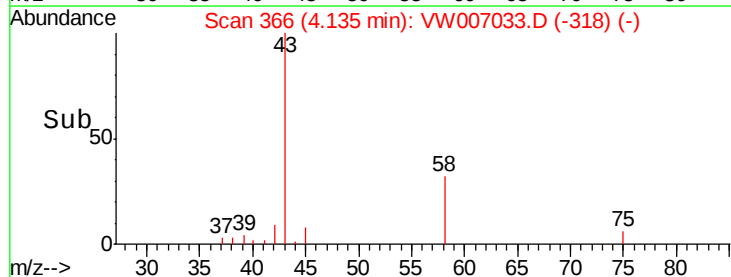
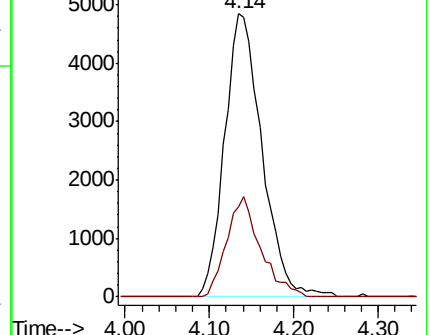
43 100

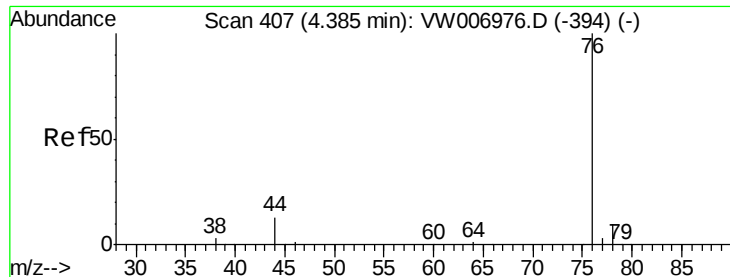
58 31.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

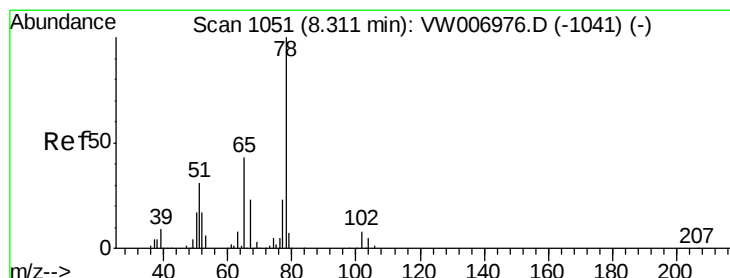
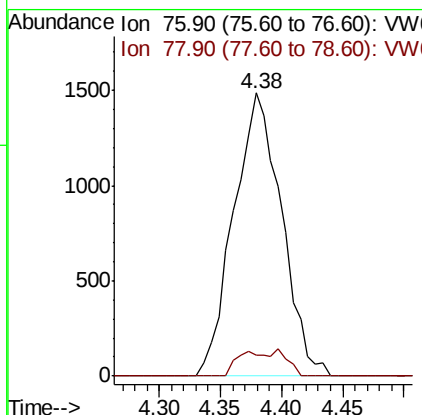
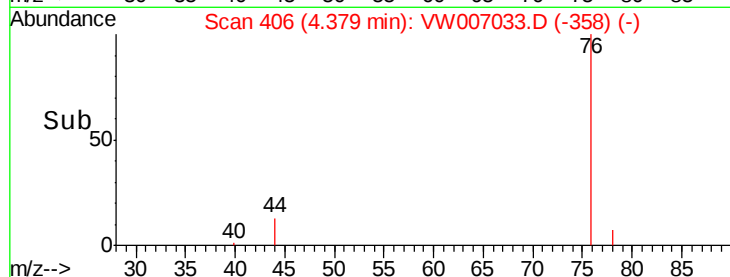
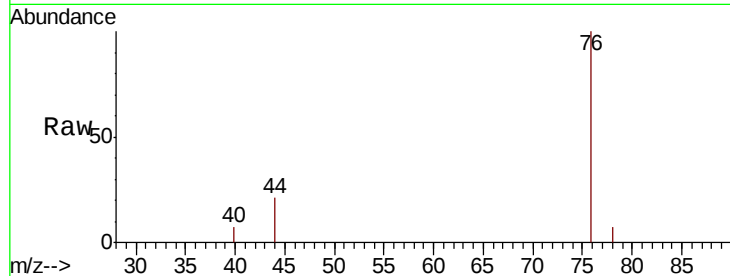




#17
 Carbon Disulfide
 Concen: 1.340 ug/l
 RT: 4.38 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: VW007033.D
 Acq: 22 Nov 2018 07:34

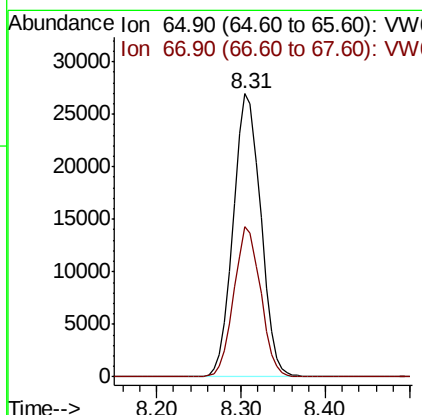
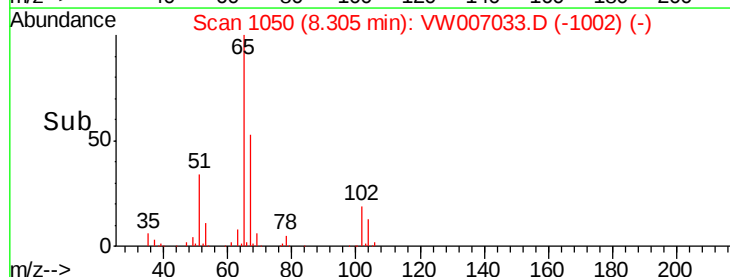
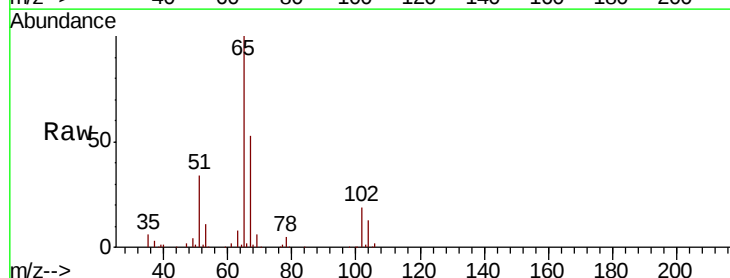
Instrument :
 MSVOA_W
 ClientSampled :
 VOC-1

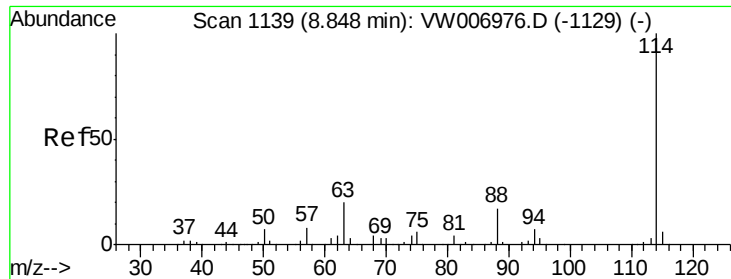
Tot Ion: 76 Resp: 4039
 Ion Ratio Lower Upper
 76 100
 78 7.4 7.8 11.6#



#33
 1,2-Dichloroethane-d4
 Concen: 59.173 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007033.D
 Acq: 22 Nov 2018 07:34

Tgt Ion: 65 Resp: 59680
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.2

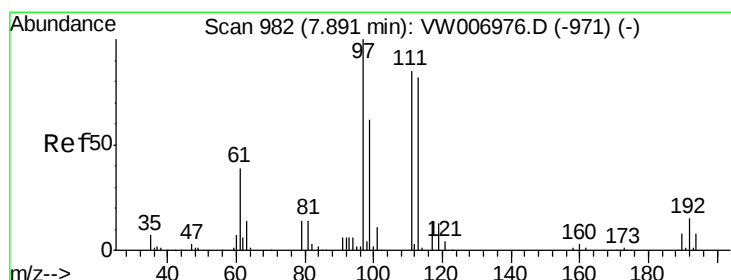
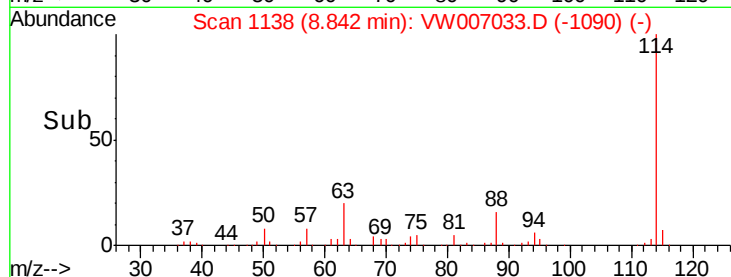
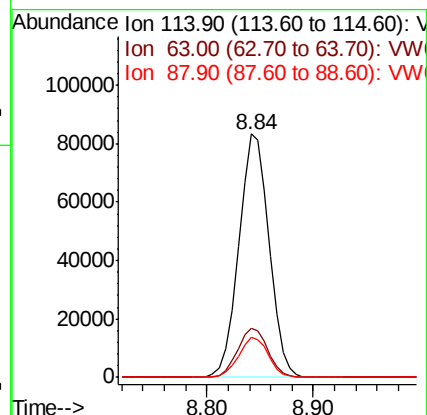
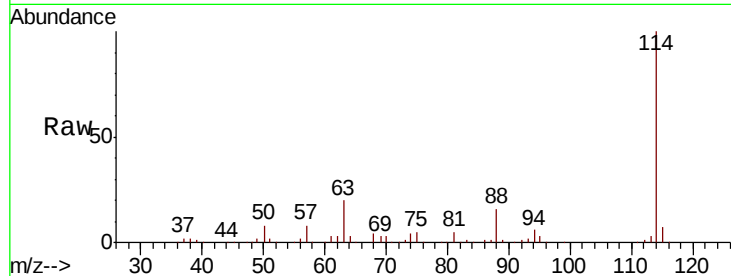




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007033.D
 Acq: 22 Nov 2018 07:34

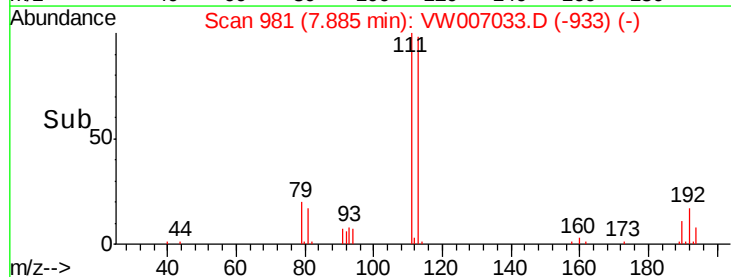
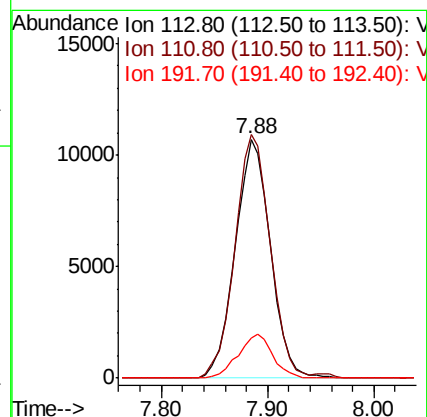
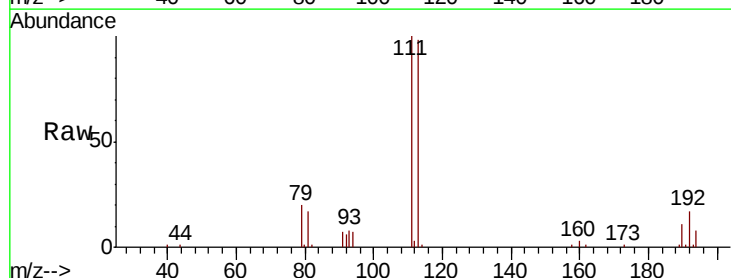
Instrument :
 MSVOA_W
 ClientSampled :
 VOC-1

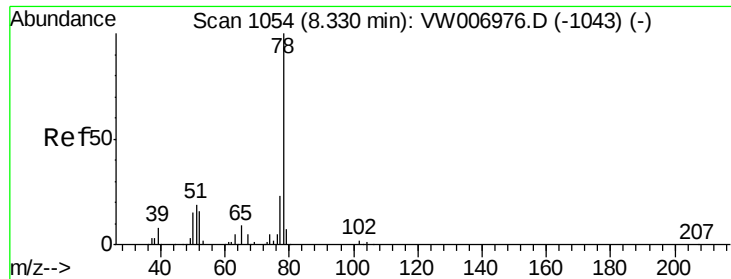
Tot Ion:114 Resp: 166264
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 16.3 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 26.451 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007033.D
 Acq: 22 Nov 2018 07:34

Tgt Ion:113 Resp: 24836
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.0 121.6
 192 17.9 15.0 22.6





#40

Benzene

Concen: 1.735 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

ClientSampleId :

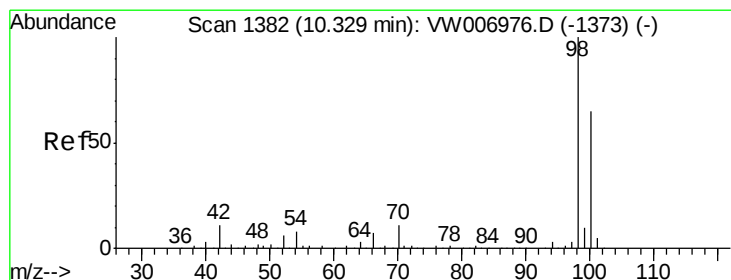
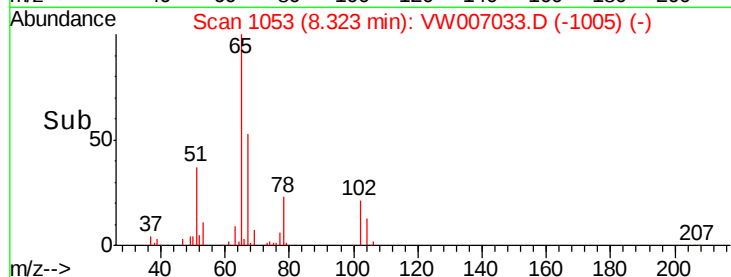
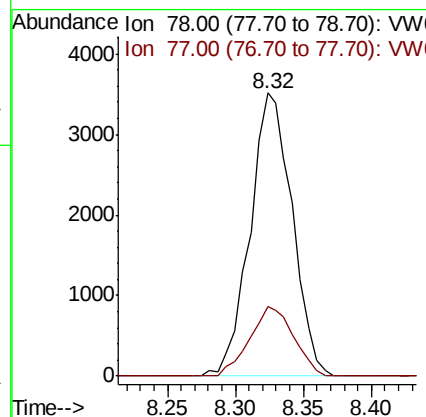
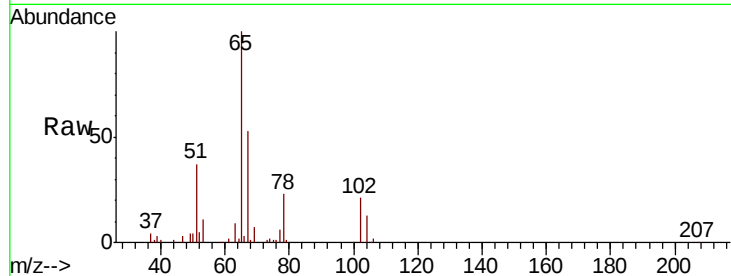
VOC-1

Tot Ion: 78 Resp: 7608

Ion Ratio Lower Upper

78 100

77 24.6 18.6 28.0



#50

Toluene-d8

Concen: 47.096 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007033.D

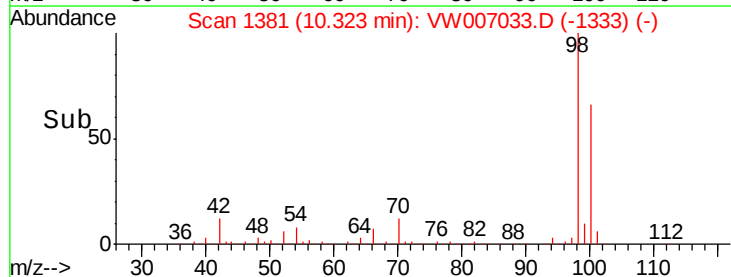
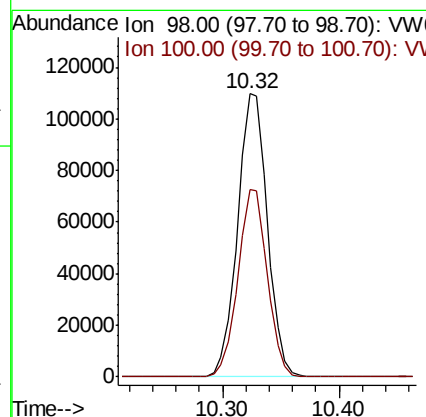
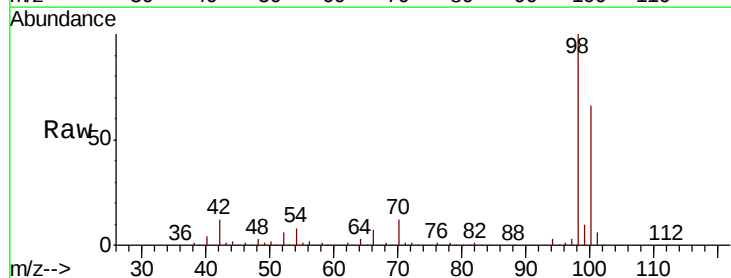
Acq: 22 Nov 2018 07:34

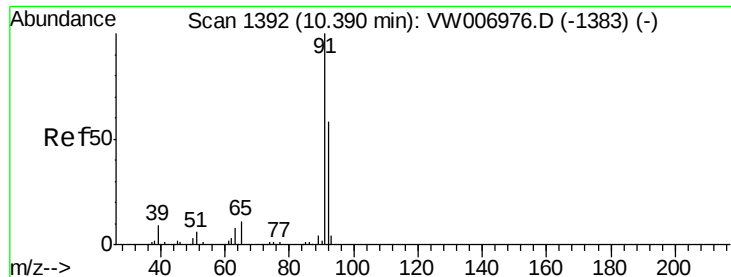
Tgt Ion: 98 Resp: 195269

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2





#52

Toluene

Concen: 5.708 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

ClientSampleId :

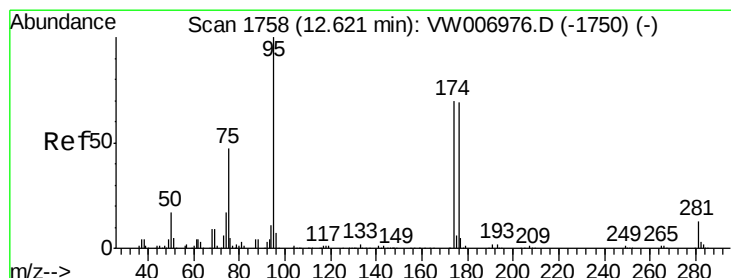
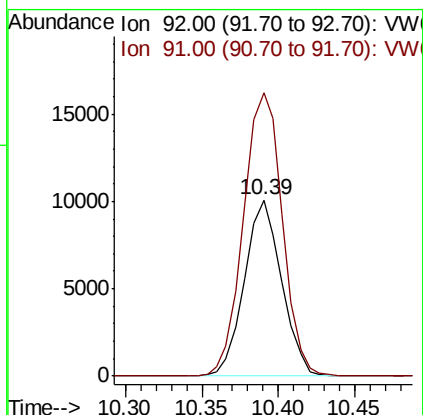
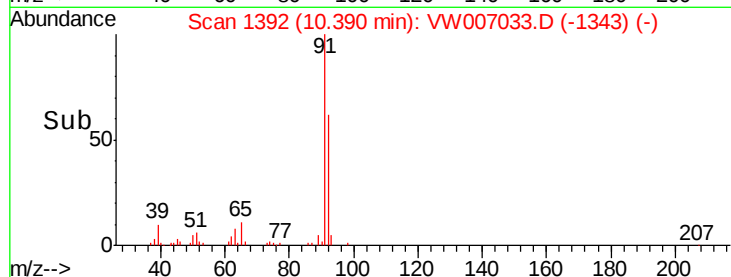
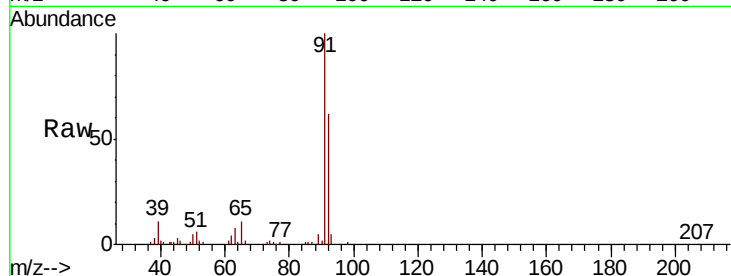
VOC-1

Tot Ion: 92 Resp: 17036

Ion Ratio Lower Upper

92 100

91 168.2 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 32.160 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

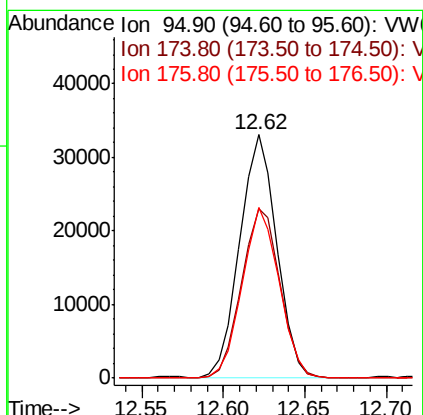
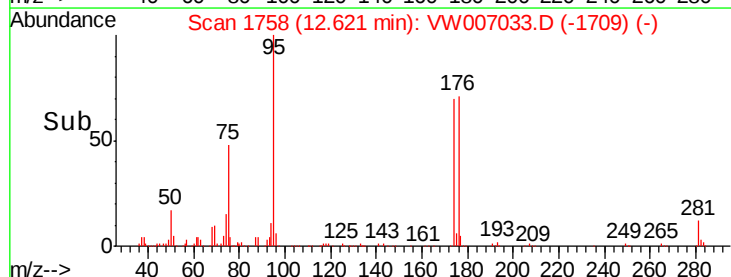
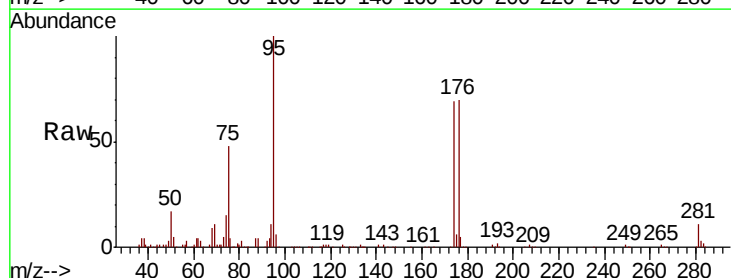
Tgt Ion: 95 Resp: 52473

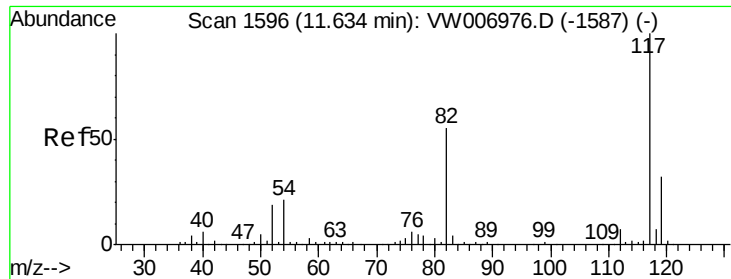
Ion Ratio Lower Upper

95 100

174 72.4 0.0 143.6

176 70.1 0.0 140.4

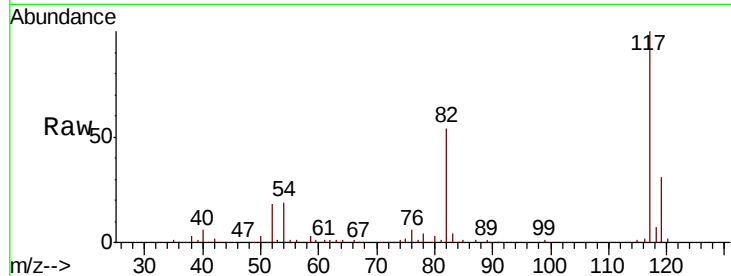




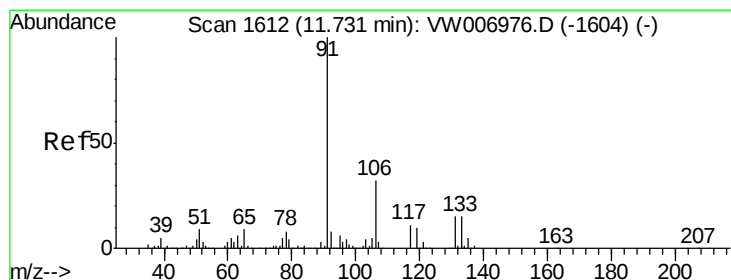
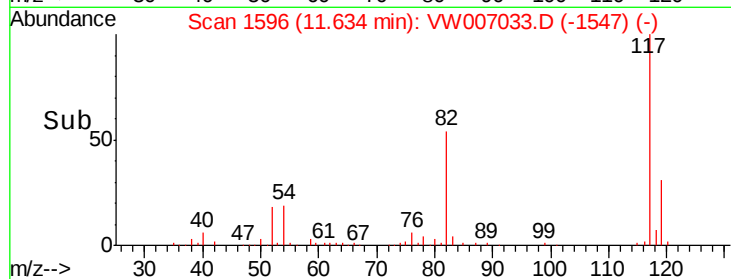
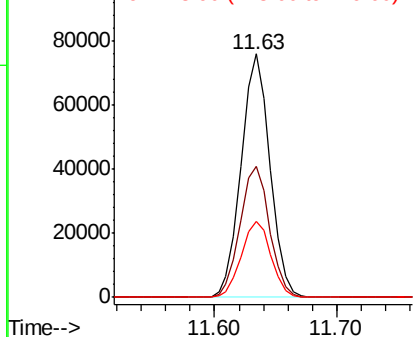
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Instrument :
MSVOA_W
ClientSampleId :
VOC-1

Tot Ion:117 Resp: 123960
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.1 25.9 38.9

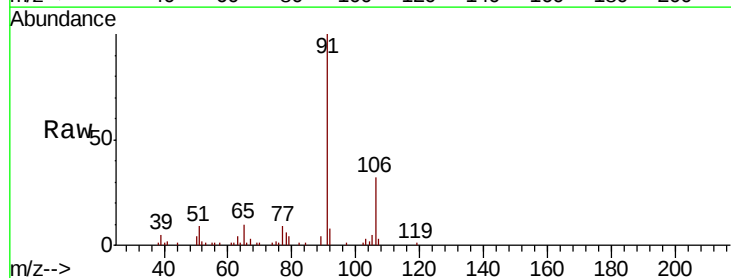


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

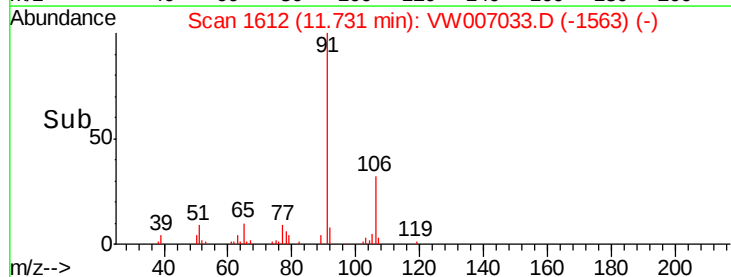
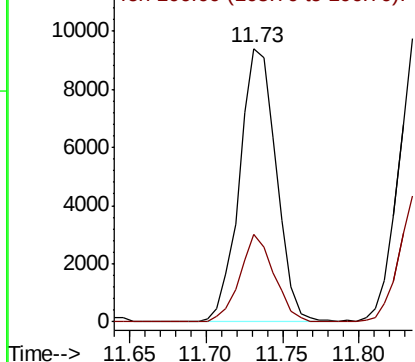


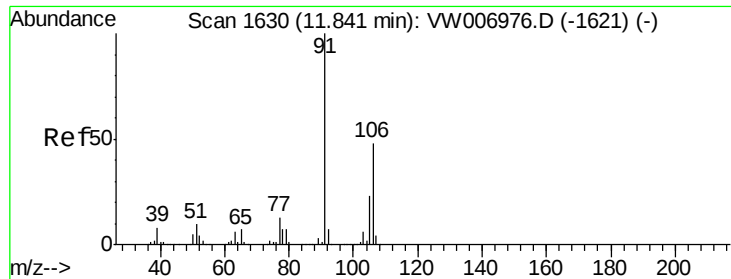
#67
Ethyl Benzene
Concen: 3.294 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Tgt Ion: 91 Resp: 15654
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



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

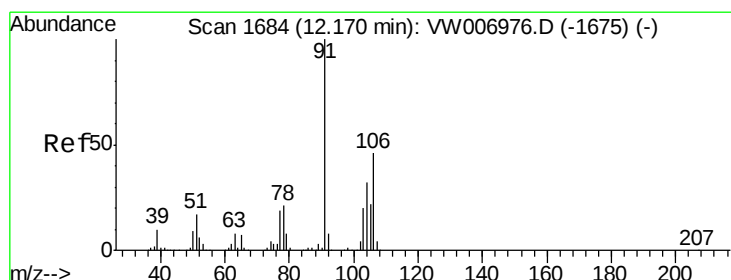
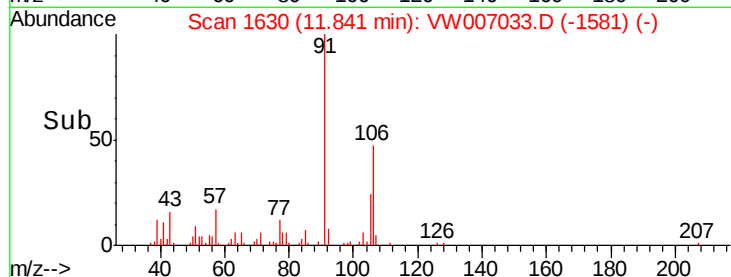
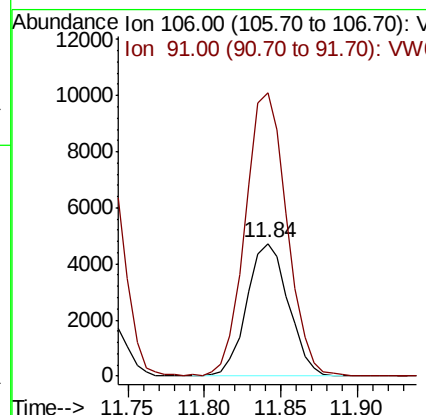
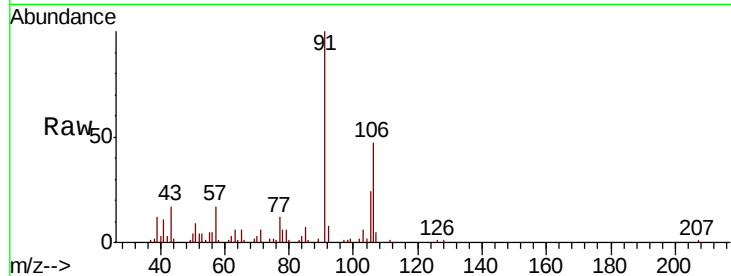




#68
m/p-Xylenes
Concen: 4.794 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

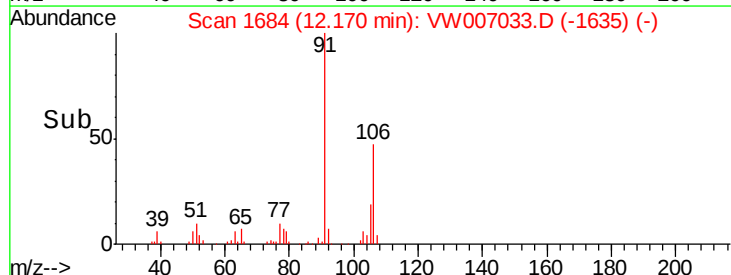
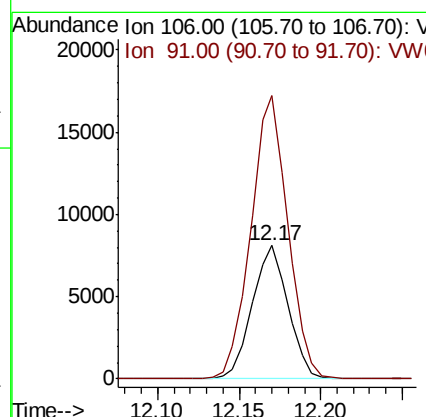
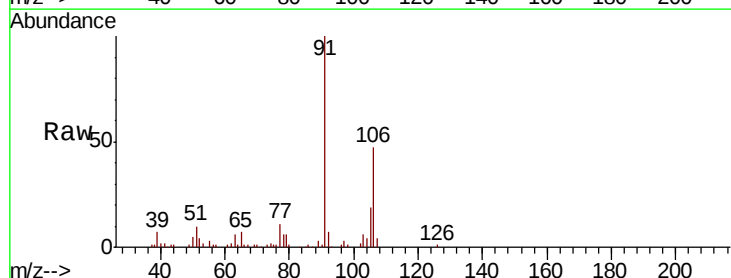
Instrument :
MSVOA_W
ClientSampled :
VOC-1

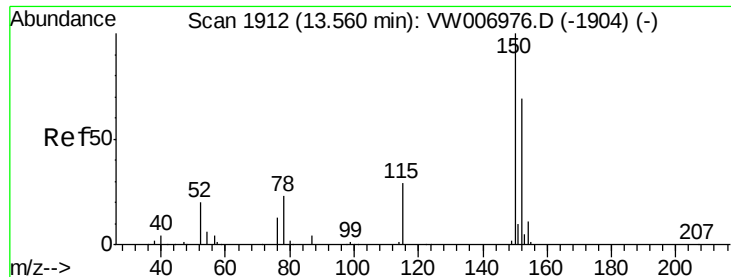
Tot Ion:106 Resp: 8939
Ion Ratio Lower Upper
106 100
91 213.7 164.8 247.2



#69
o-Xylene
Concen: 7.019 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Tgt Ion:106 Resp: 12342
Ion Ratio Lower Upper
106 100
91 219.6 107.9 323.8



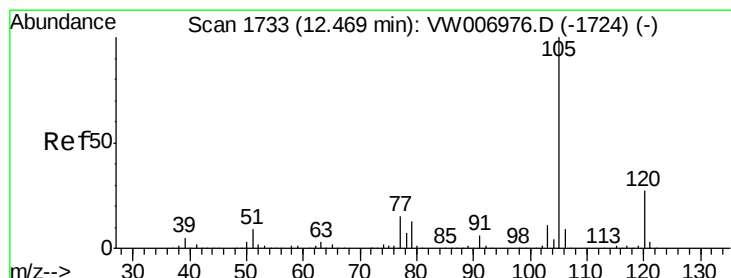
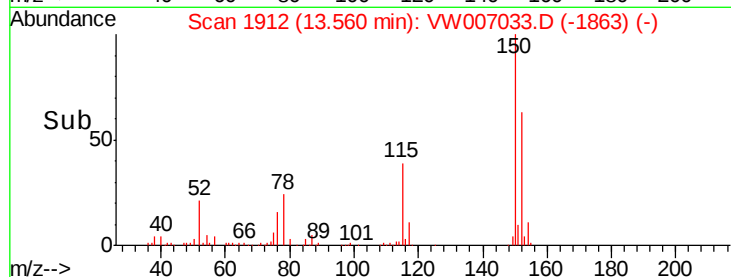
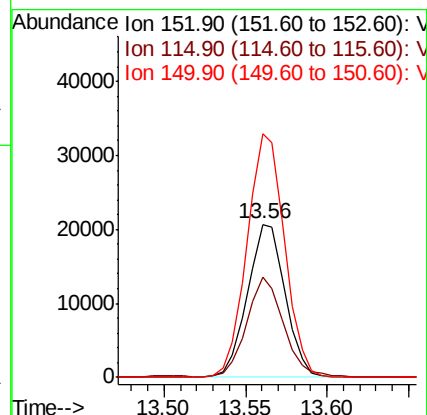
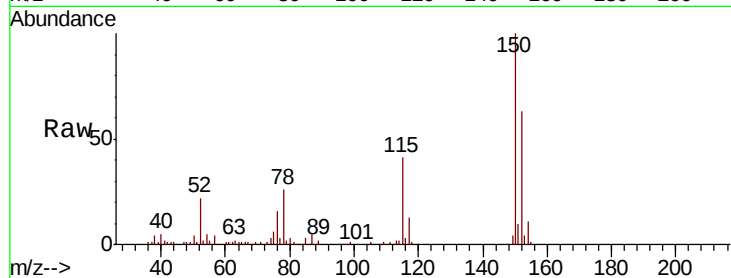


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Instrument :
MSVOA_W
ClientSampled :
VOC-1

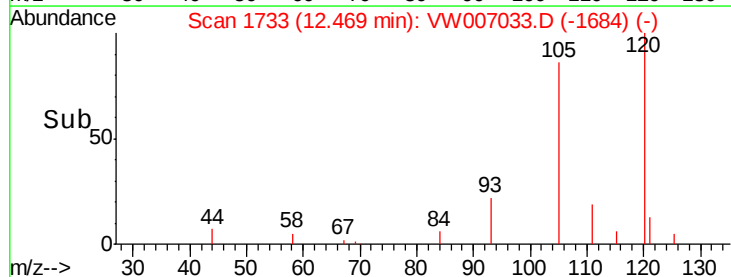
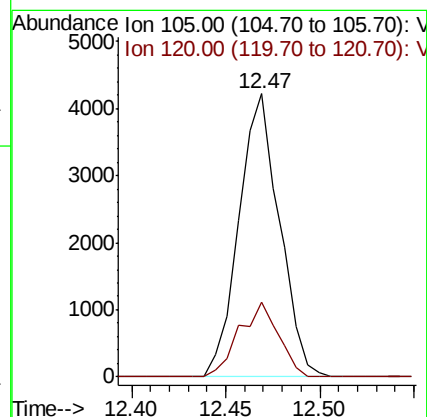
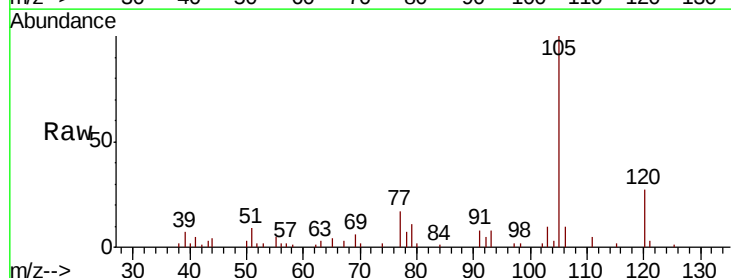
Tot Ion:152 Resp: 33271
Ion Ratio Lower Upper
152 100
115 64.6 31.4 94.2
150 158.6 0.0 353.4

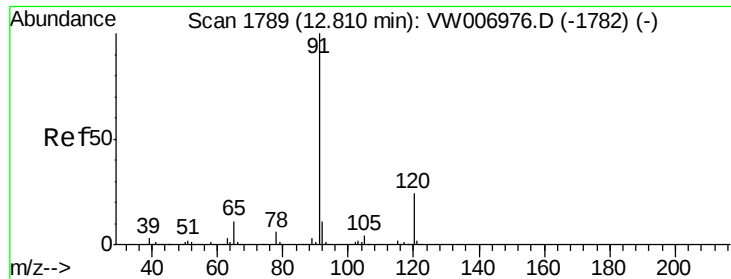


#73

Isopropylbenzene
Concen: 2.433 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Tgt Ion:105 Resp: 6292
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.8





#78

n-propylbenzene

Concen: 3.972 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007033.D

Acq: 22 Nov 2018 07:34

Instrument :

MSVOA_W

ClientSampled :

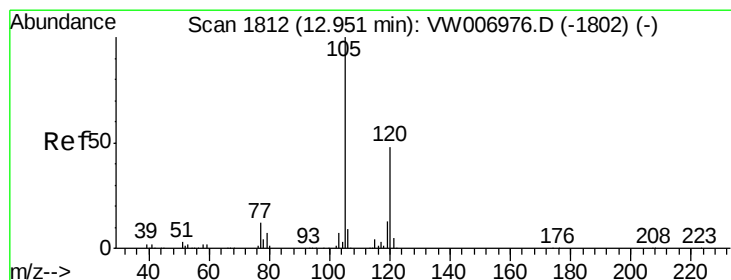
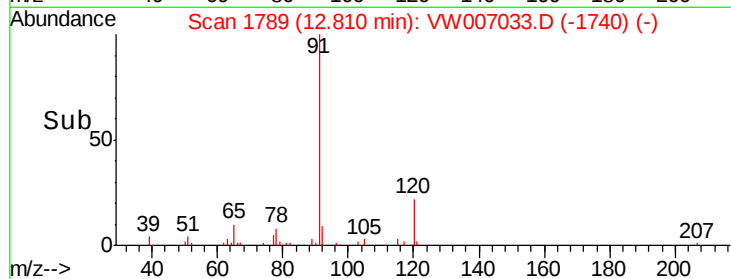
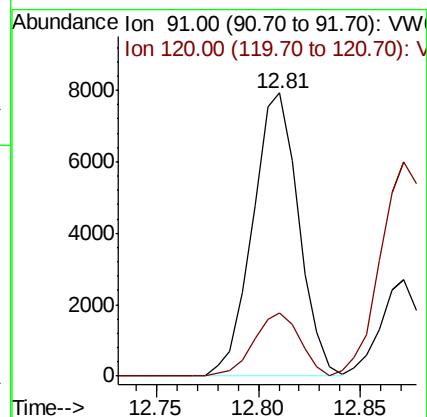
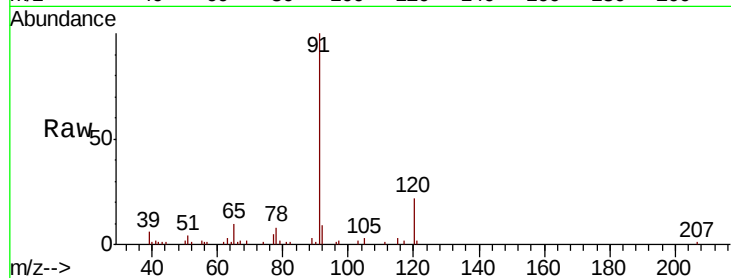
VOC-1

Tot Ion: 91 Resp: 12441

Ion Ratio Lower Upper

91 100

120 22.3 11.7 35.1



#80

1,3,5-Trimethylbenzene

Concen: 7.691 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW007033.D

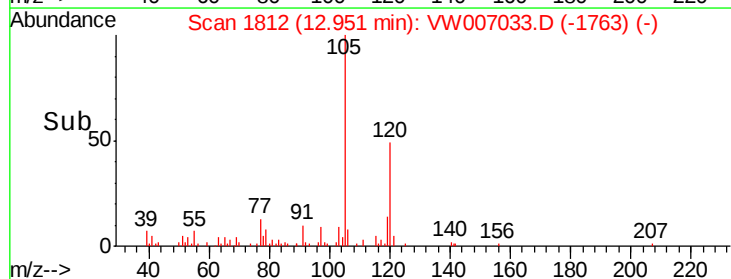
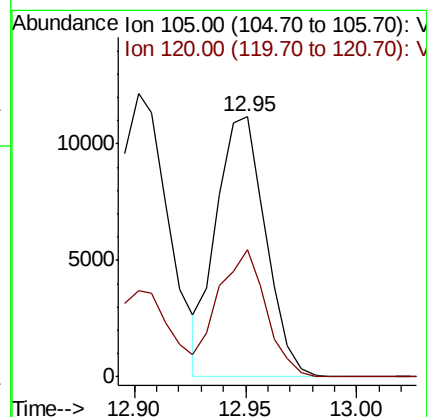
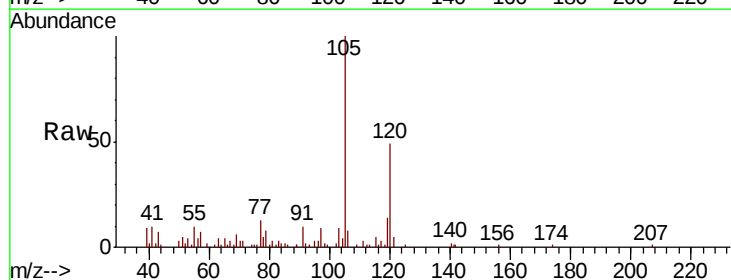
Acq: 22 Nov 2018 07:34

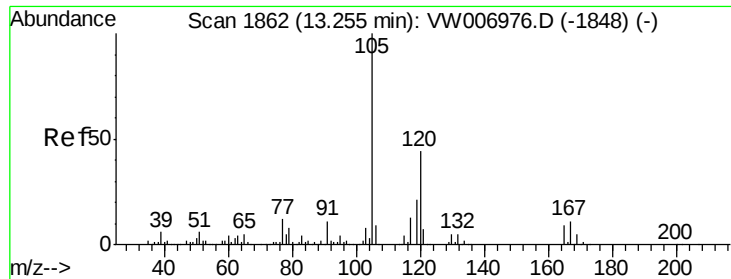
Tgt Ion:105 Resp: 17198

Ion Ratio Lower Upper

105 100

120 47.4 23.8 71.2

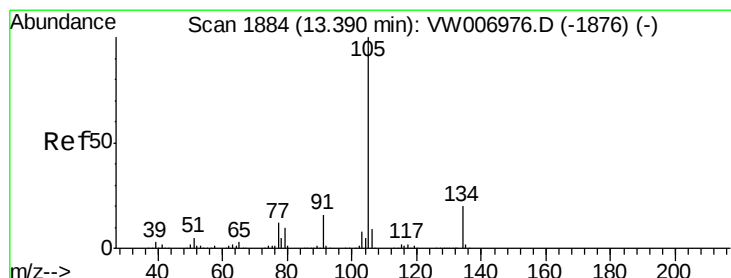
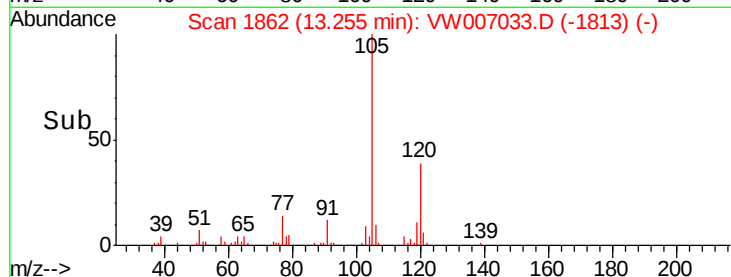
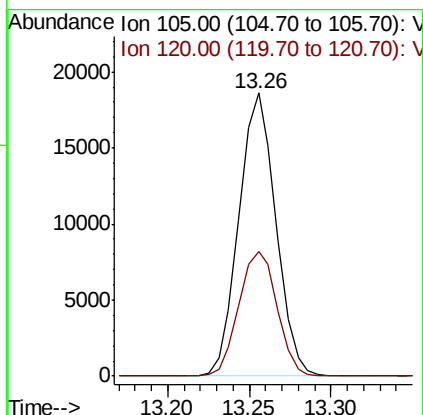
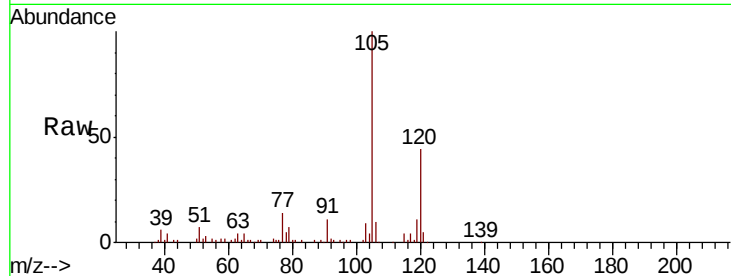




#84
1,2,4-Trimethylbenzene
Concen: 13.165 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

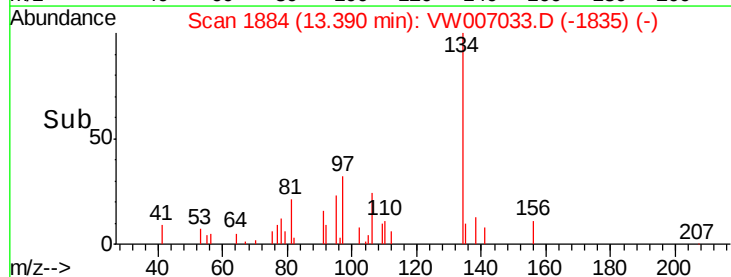
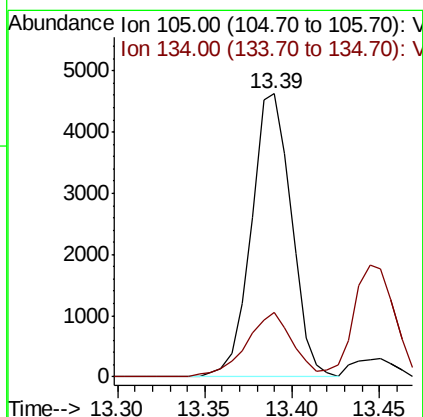
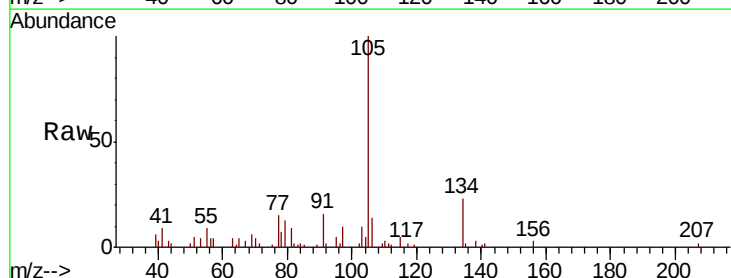
Instrument :
MSVOA_W
ClientSampleId :
VOC-1

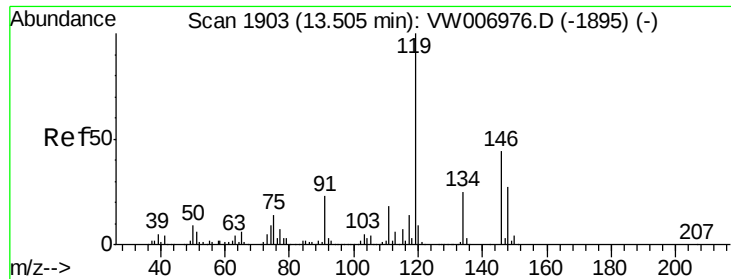
Tot Ion:105 Resp: 29328
Ion Ratio Lower Upper
105 100
120 45.5 21.8 65.3



#85
sec-Butylbenzene
Concen: 2.690 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Tgt Ion:105 Resp: 7358
Ion Ratio Lower Upper
105 100
134 26.2 9.8 29.3

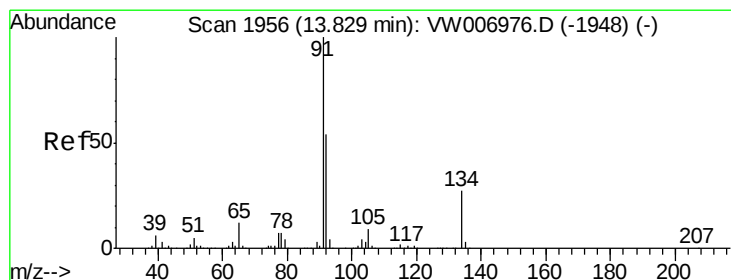
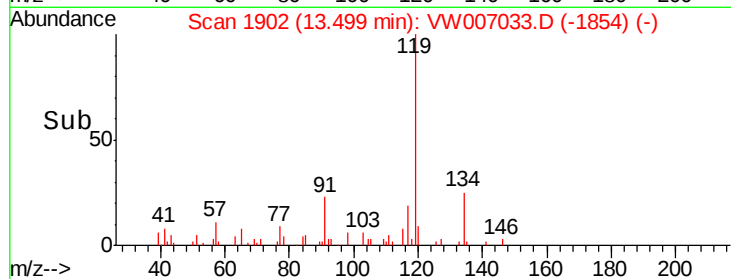
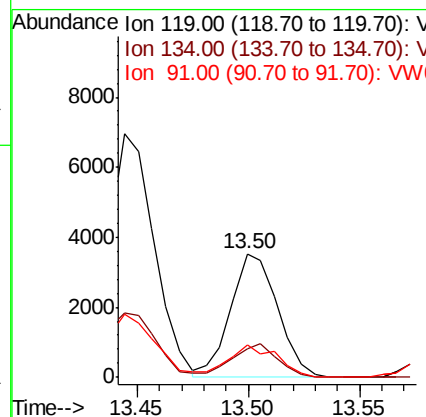
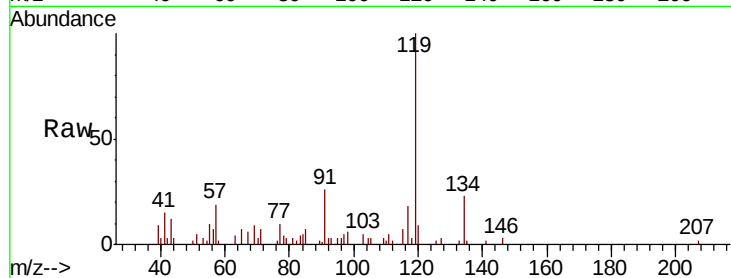




#86
p-Isopropyltoluene
Concen: 2.156 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

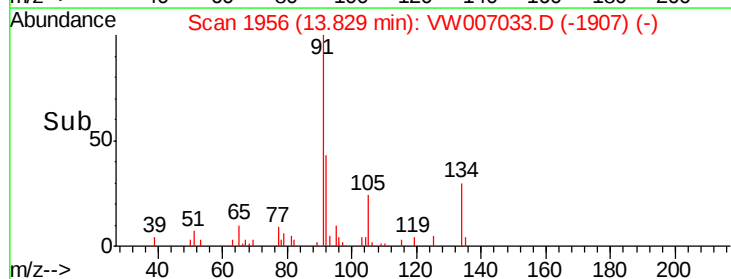
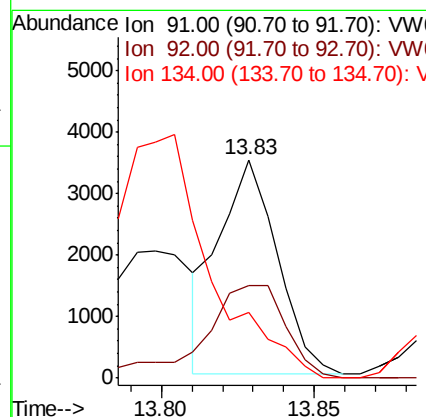
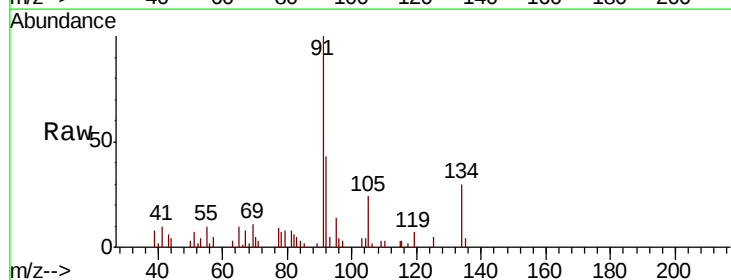
Instrument :
MSVOA_W
ClientSampled :
VOC-1

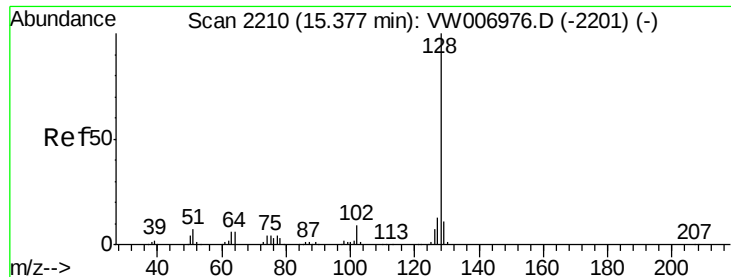
Tot Ion:119 Resp: 5203
Ion Ratio Lower Upper
119 100
134 25.5 12.8 38.3
91 26.0 12.2 36.6



#89
n-Butylbenzene
Concen: 2.029 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Tgt Ion: 91 Resp: 4608
Ion Ratio Lower Upper
91 100
92 59.9 26.8 80.4
134 0.0 13.3 39.8#

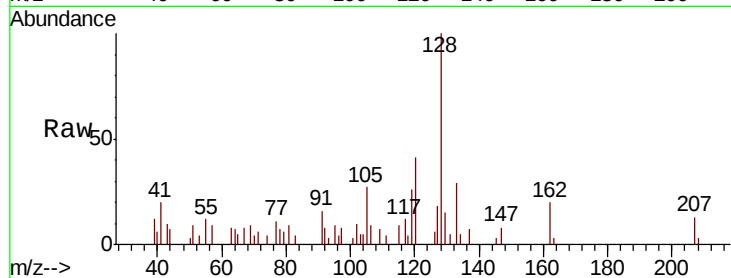




#95
Naphthalene
Concen: 2.994 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007033.D
Acq: 22 Nov 2018 07:34

Instrument :
MSVOA_W
ClientSampleId :
VOC-1

Tot Ion:128 Resp: 3561
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 12.3 8.7 13.1



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

