

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061419\
 Data File : VW010809.D
 Acq On : 14 Jun 2019 12:55
 Operator : SY/VA
 Sample : K3373-05
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 13803-13804

Quant Time: Jun 17 07:02:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

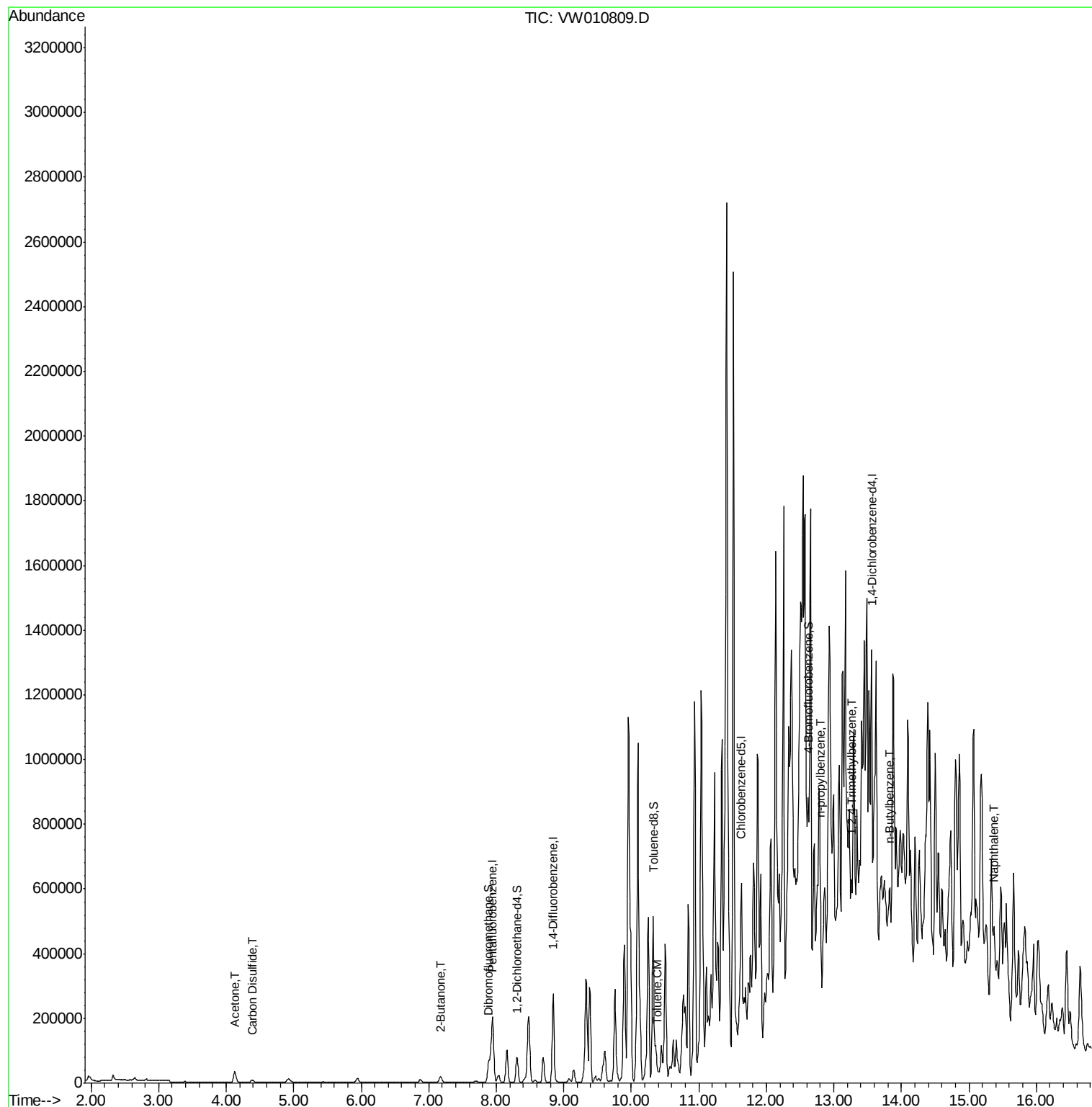
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	208409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	157810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	62592	42.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.62%	
35) Dibromofluoromethane	7.88	113	43404	38.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.74%	
50) Toluene-d8	10.32	98	160494	32.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.70%	
62) 4-Bromofluorobenzene	12.62	95	79989	44.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.62%	
Target Compounds						
16) Acetone	4.12	43	63346	161.709	ug/l	99
17) Carbon Disulfide	4.38	76	11515	3.024	ug/l	99
25) 2-Butanone	7.17	43	29269	53.884	ug/l	100
52) Toluene	10.39	92	10994	3.070	ug/l	97
78) n-propylbenzene	12.80	91	25649	4.375	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	28079	7.012	ug/l	99
89) n-Butylbenzene	13.83	91	66065	15.058	ug/l #	78
95) Naphthalene	15.37	128	59710	25.446	ug/l #	93

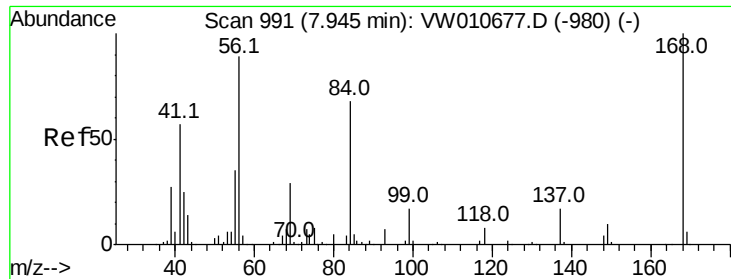
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061419\
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Acq On : 14 Jun 2019 12:55
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13803-13804

Quant Time: Jun 17 07:02:56 2019
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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

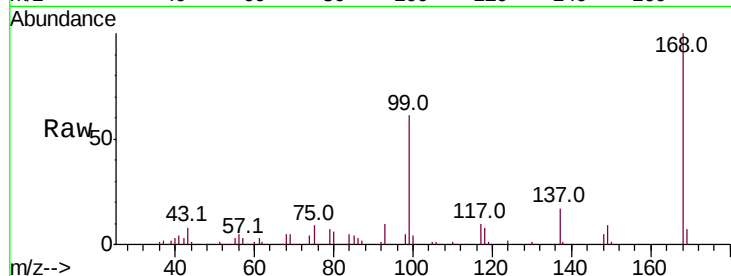
13803-13804

Tot Ion:168 Resp: 124034

Ion Ratio Lower Upper

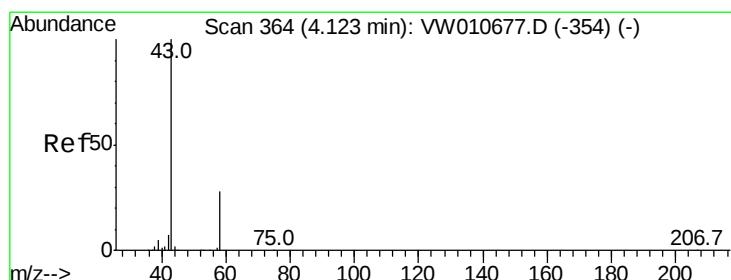
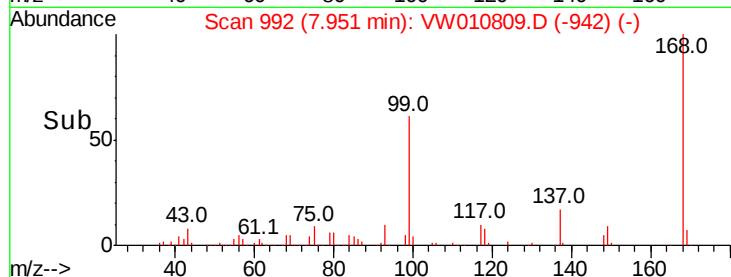
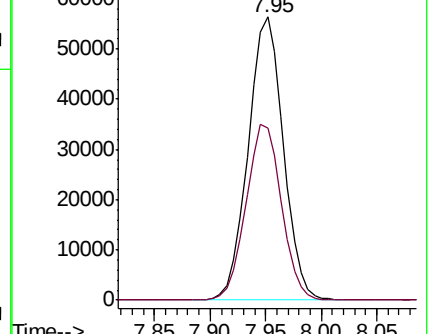
168 100

99 60.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 161.709 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010809.D

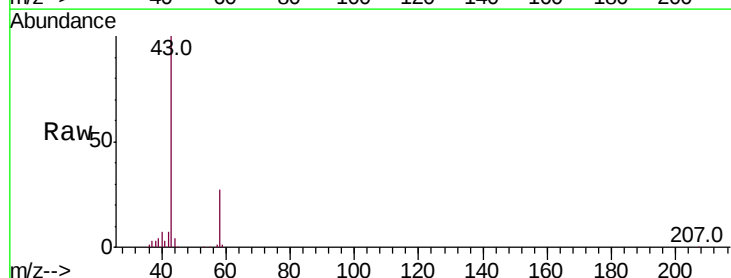
Acq: 14 Jun 2019 12:55

Tgt Ion: 43 Resp: 63346

Ion Ratio Lower Upper

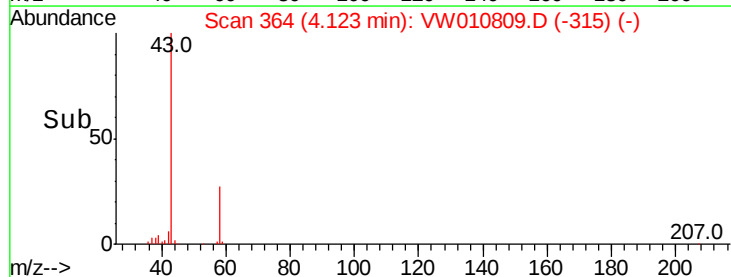
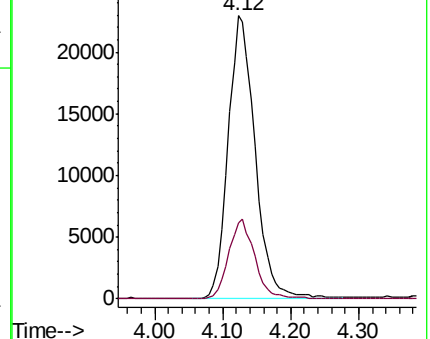
43 100

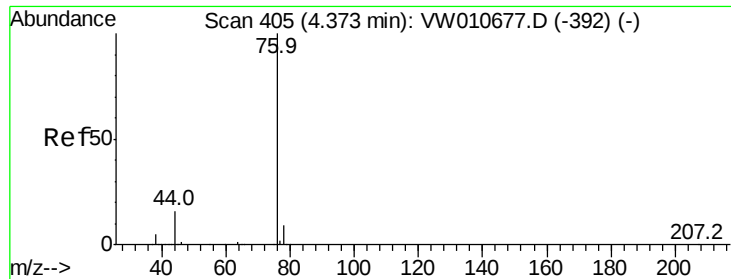
58 27.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

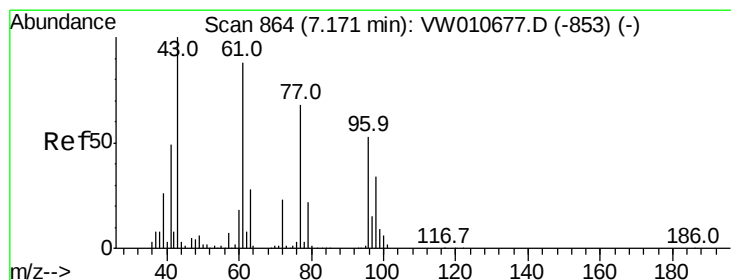
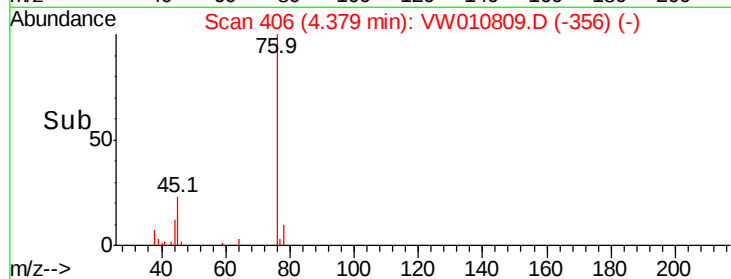
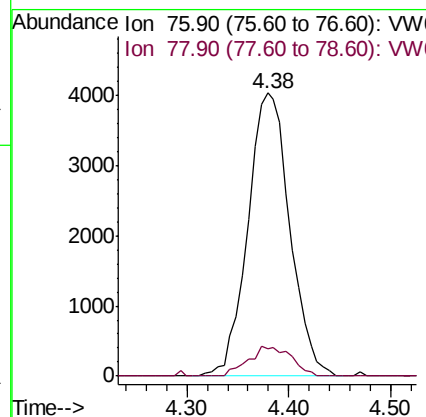
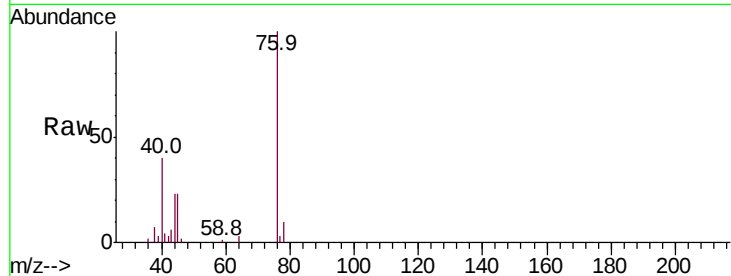




#17
Carbon Disulfide
Concen: 3.024 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

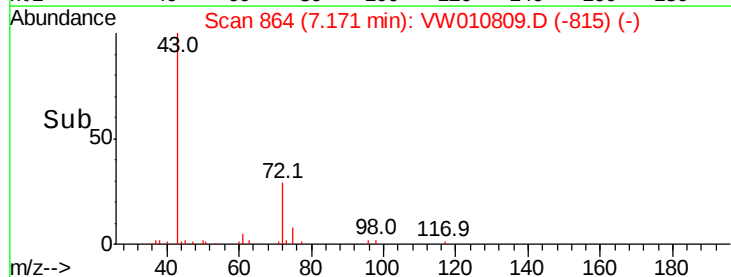
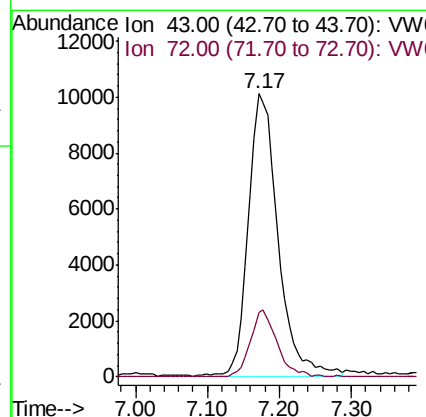
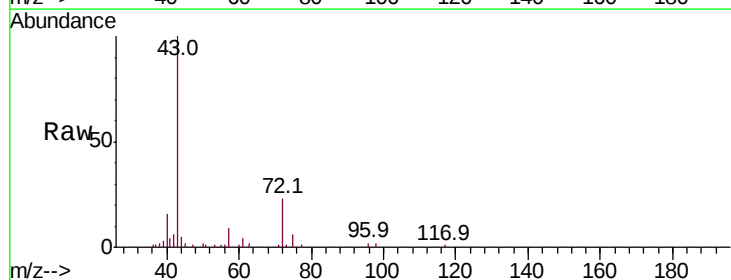
Instrument :
MSVOA_W
ClientSampled :
13803-13804

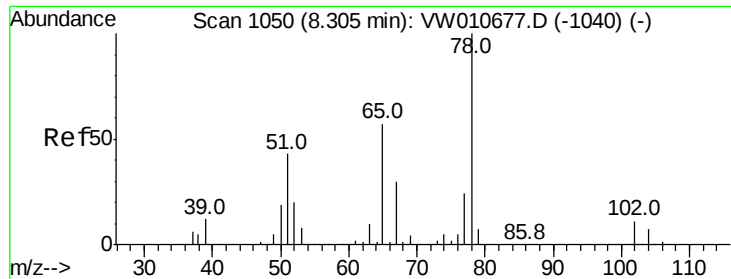
Tot Ion: 76 Resp: 11515
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#25
2-Butanone
Concen: 53.884 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

Tgt Ion: 43 Resp: 29269
Ion Ratio Lower Upper
43 100
72 22.8 18.1 27.1

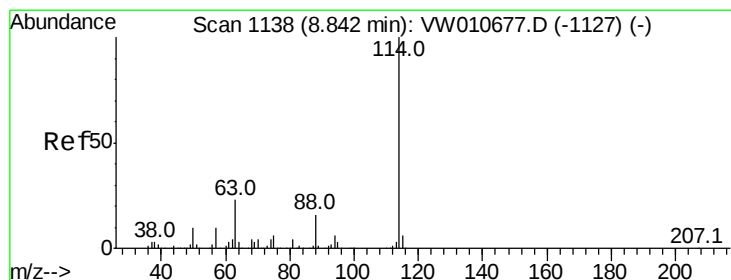
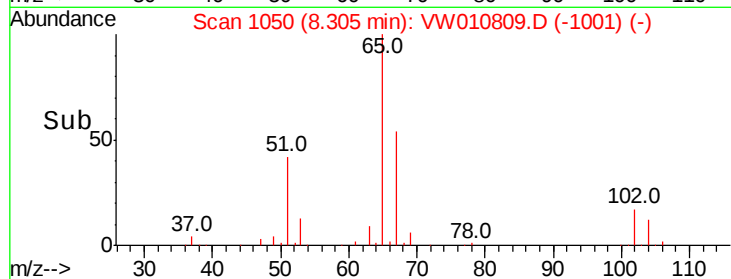
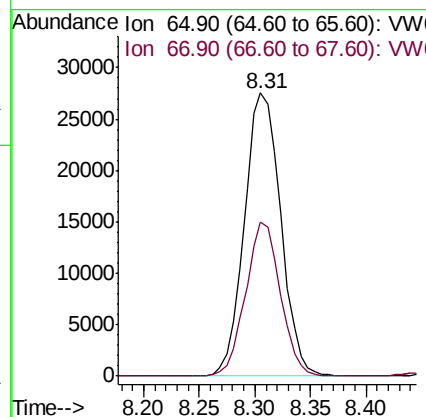
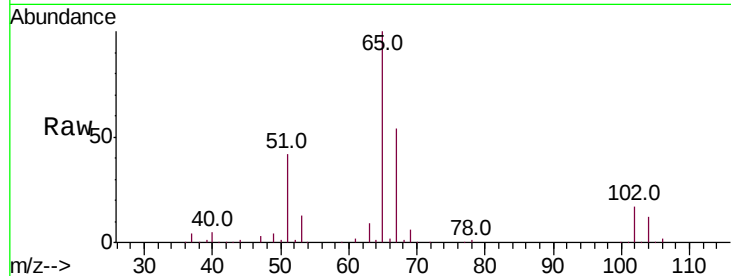




#33
 1,2-Dichloroethane-d4
 Concen: 42.814 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

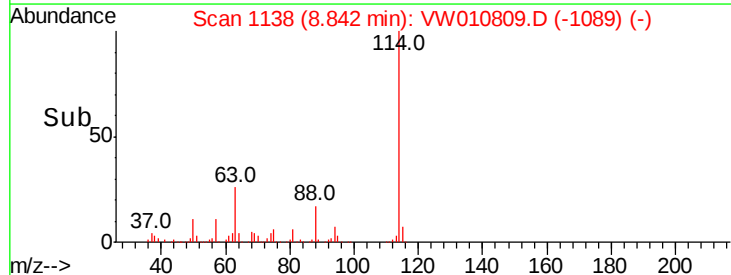
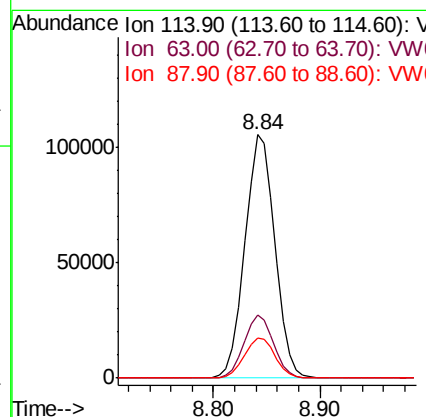
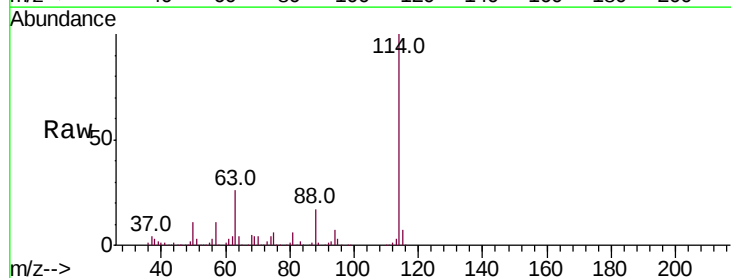
Instrument :
 MSVOA_W
 ClientSampleId :
 13803-13804

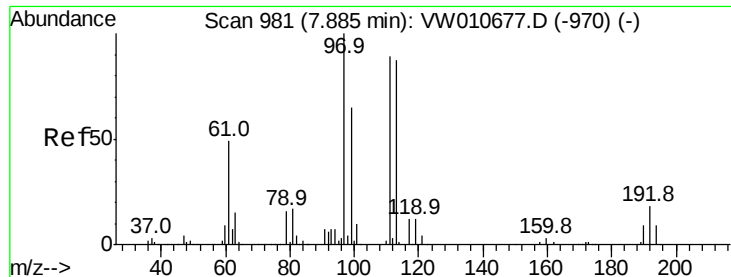
Tot Ion: 65 Resp: 62592
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

Tgt Ion: 114 Resp: 208409
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 46.4
 88 16.6 0.0 32.2

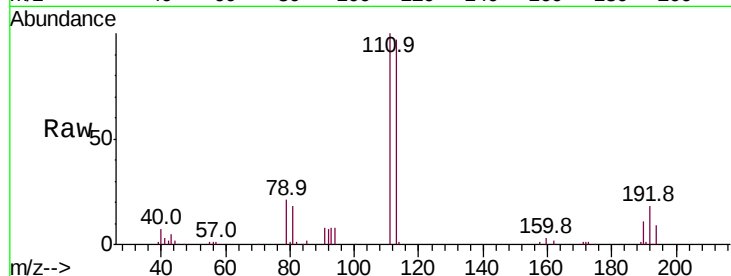




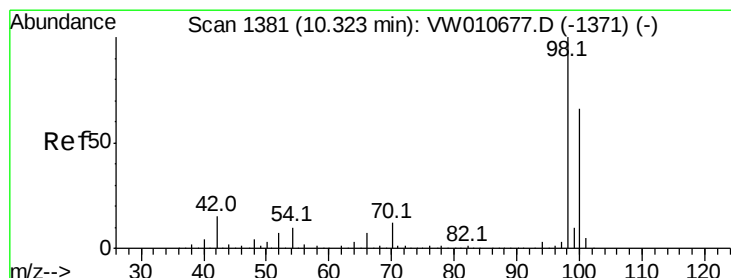
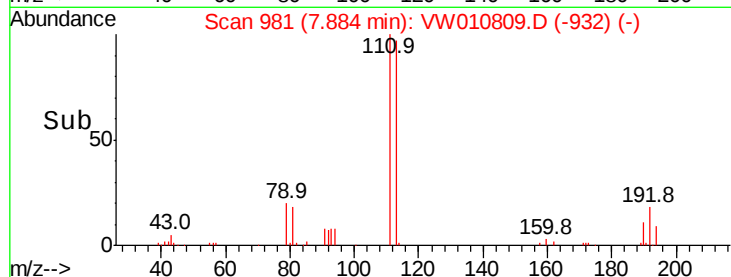
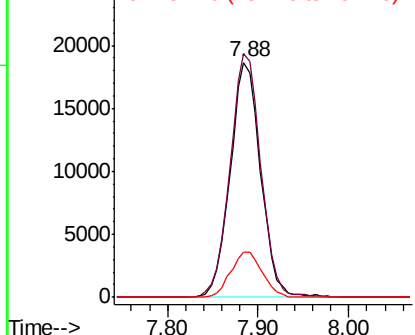
#35
 Dibromofluoromethane
 Concen: 38.370 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

Instrument :
 MSVOA_W
 ClientSampleId :
 13803-13804

Tot Ion:113 Resp: 43404
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.6 123.8
 192 19.7 16.4 24.6

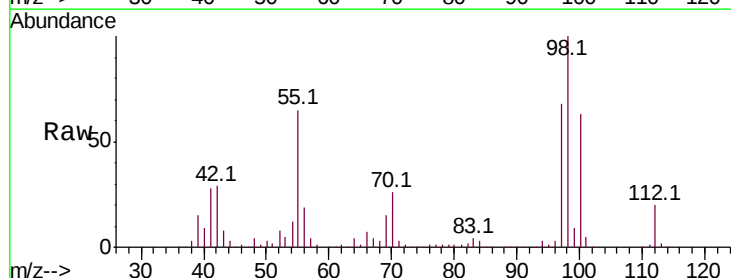


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

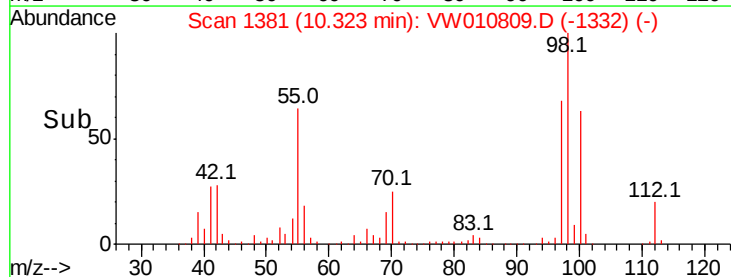
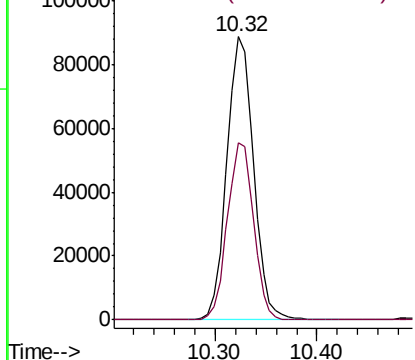


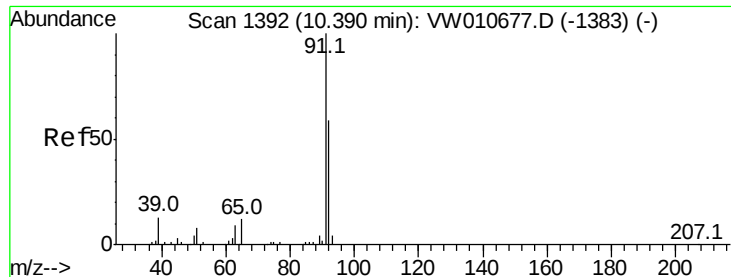
#50
 Toluene-d8
 Concen: 32.355 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010809.D
 Acq: 14 Jun 2019 12:55

Tgt Ion: 98 Resp: 160494
 Ion Ratio Lower Upper
 98 100
 100 61.3 53.0 79.6



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





#52

Toluene

Concen: 3.070 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

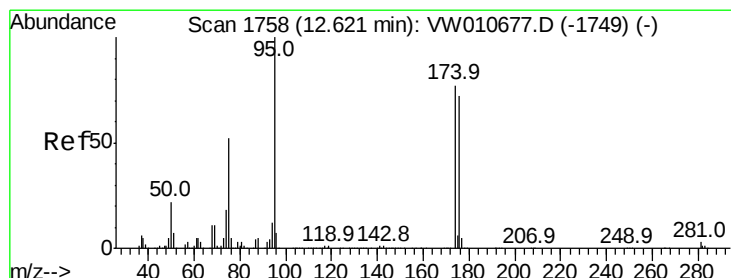
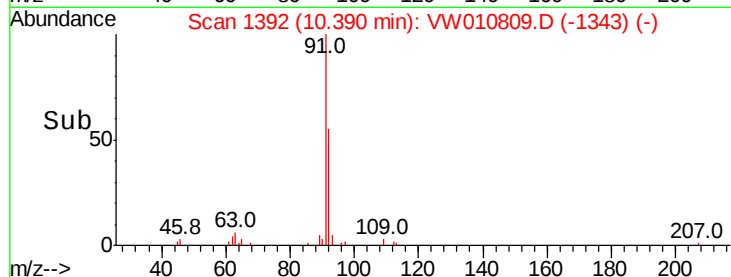
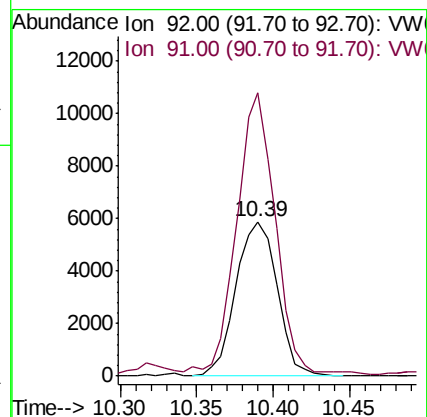
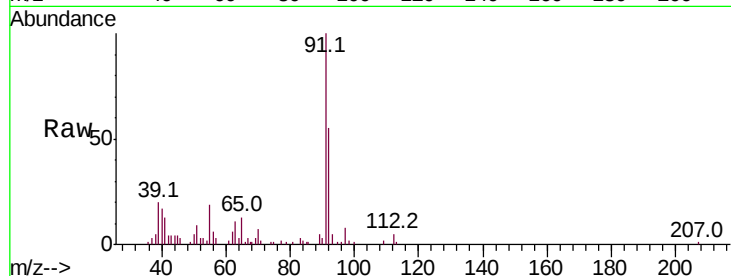
13803-13804

Tot Ion: 92 Resp: 10994

Ion Ratio Lower Upper

92 100

91 172.5 134.9 202.3



#62

4-Bromofluorobenzene

Concen: 44.314 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

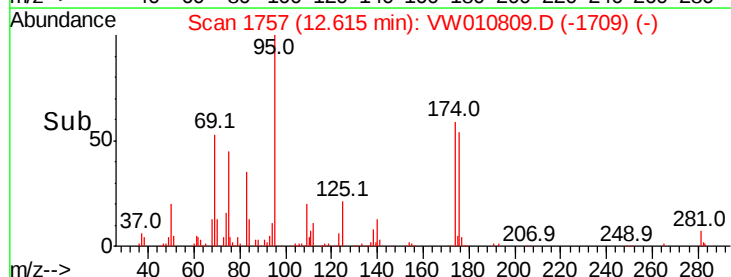
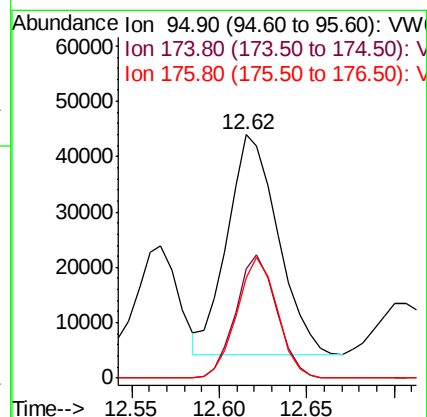
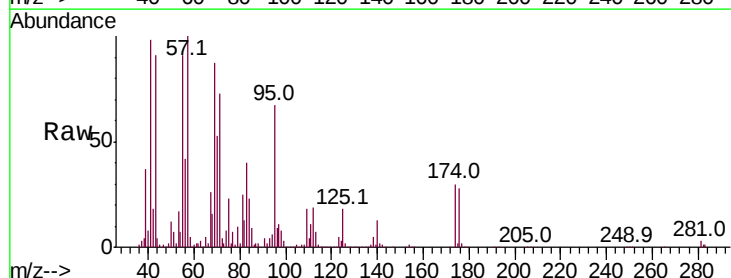
Tgt Ion: 95 Resp: 79989

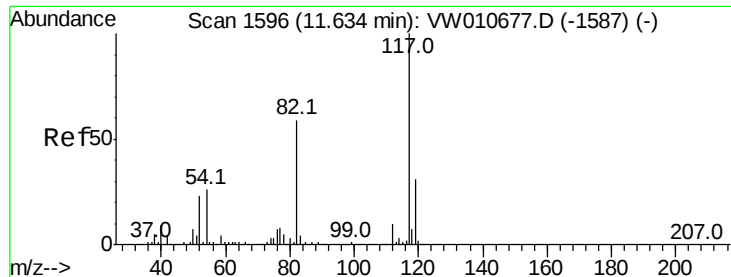
Ion Ratio Lower Upper

95 100

174 45.2 0.0 150.4

176 43.7 0.0 144.8

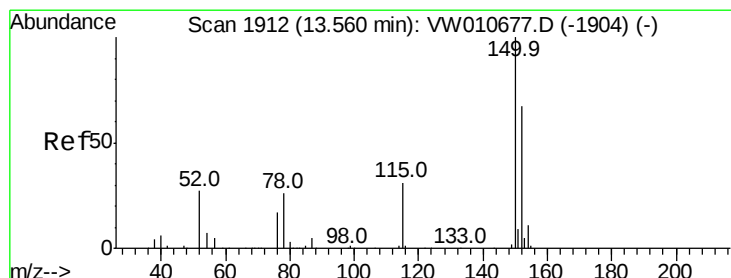
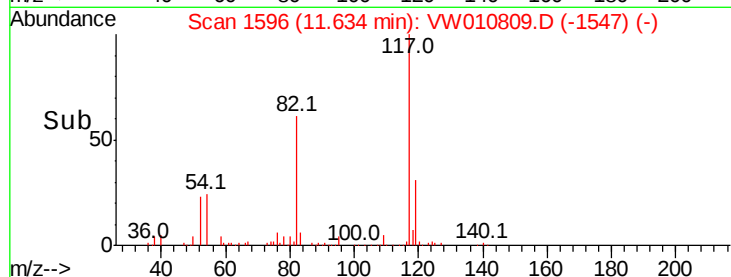
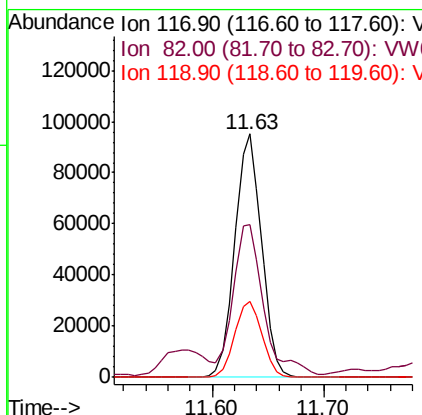
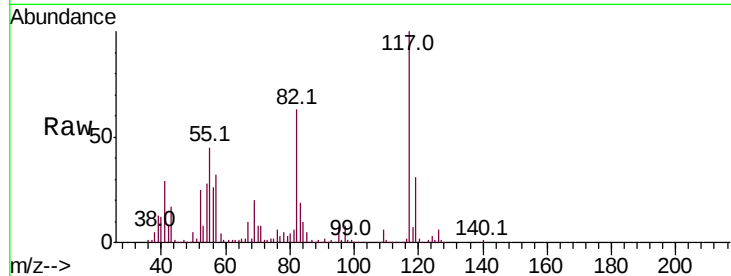




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

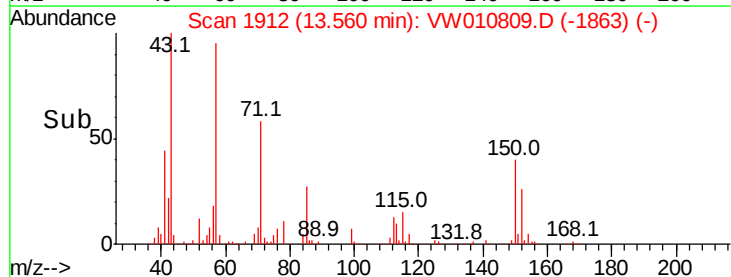
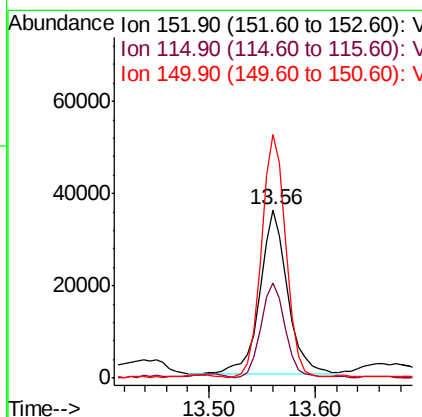
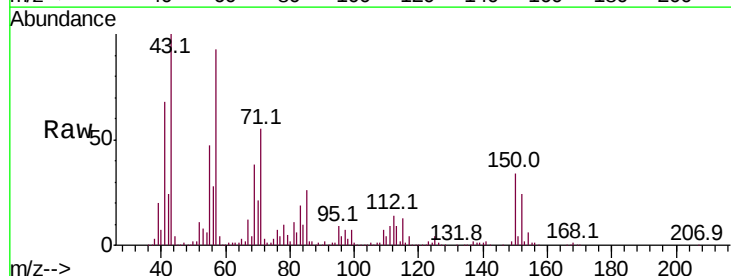
Instrument :
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13803-13804

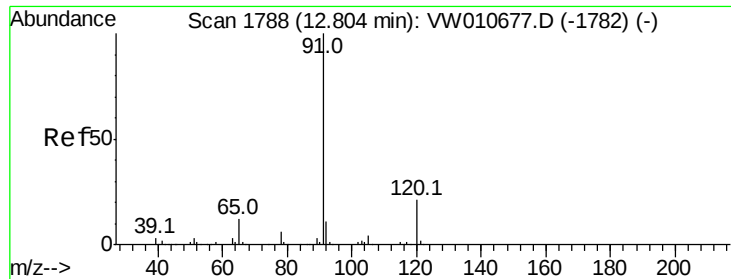
Tot Ion:117 Resp: 157810
Ion Ratio Lower Upper
117 100
82 60.3 47.0 70.4
119 31.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

Tgt Ion:152 Resp: 64697
Ion Ratio Lower Upper
152 100
115 50.6 29.8 89.3
150 129.4 0.0 345.0





#78

n-propylbenzene

Concen: 4.375 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010809.D

Acq: 14 Jun 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

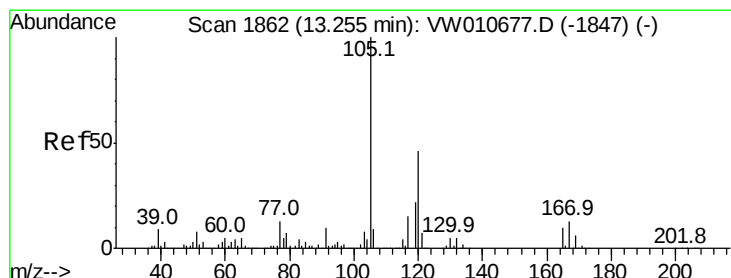
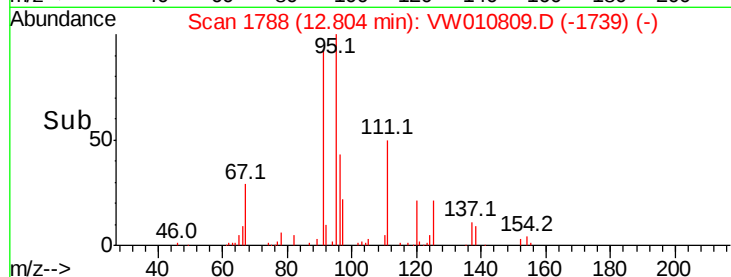
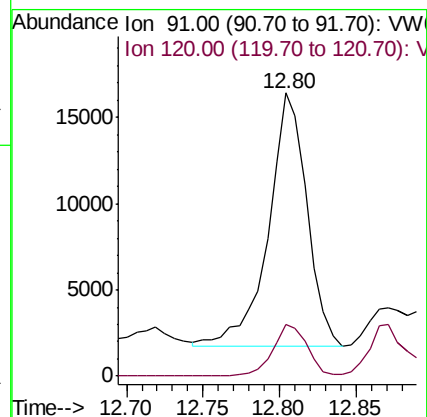
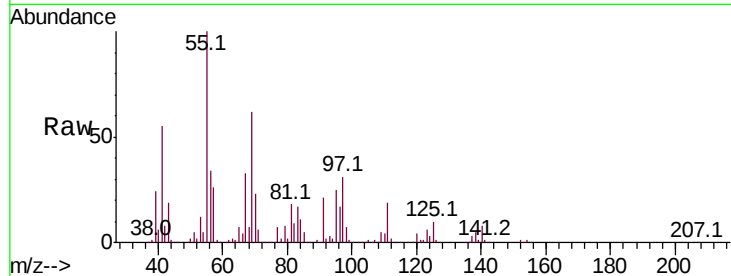
13803-13804

Tot Ion: 91 Resp: 25649

Ion Ratio Lower Upper

91 100

120 18.2 10.8 32.4



#84

1,2,4-Trimethylbenzene

Concen: 7.012 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW010809.D

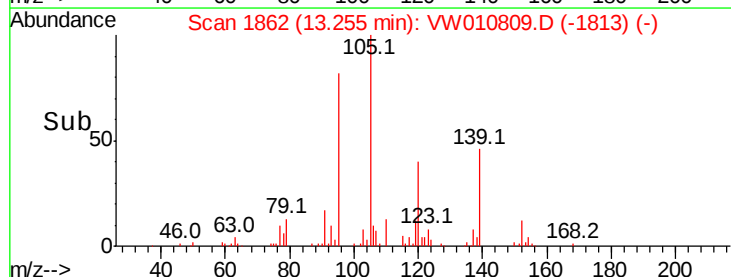
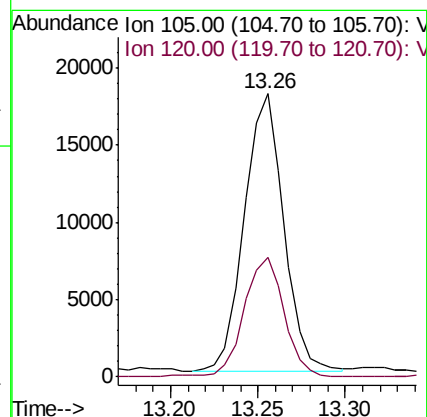
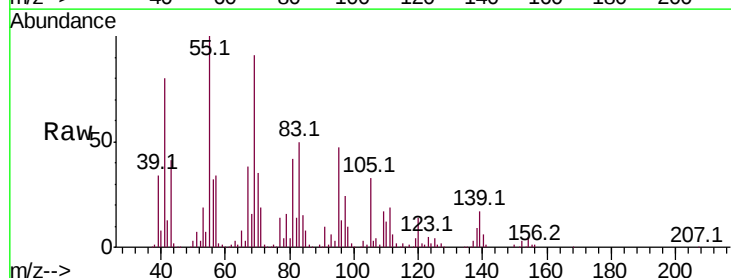
Acq: 14 Jun 2019 12:55

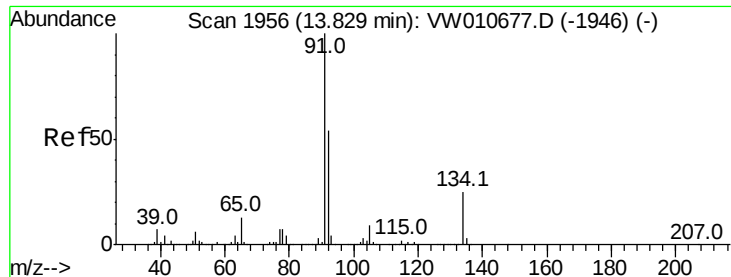
Tgt Ion: 105 Resp: 28079

Ion Ratio Lower Upper

105 100

120 44.1 22.5 67.5

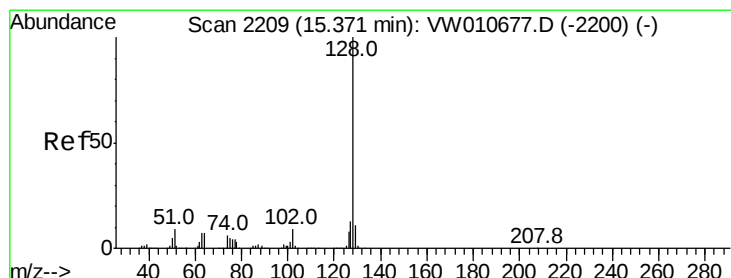
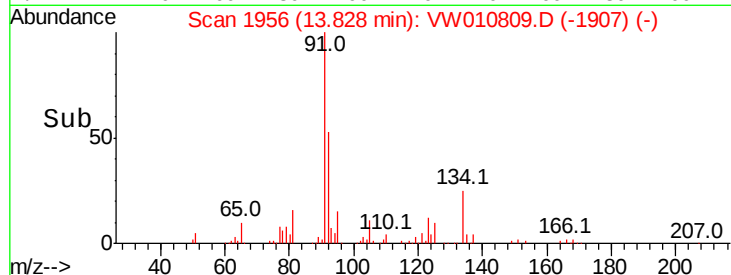
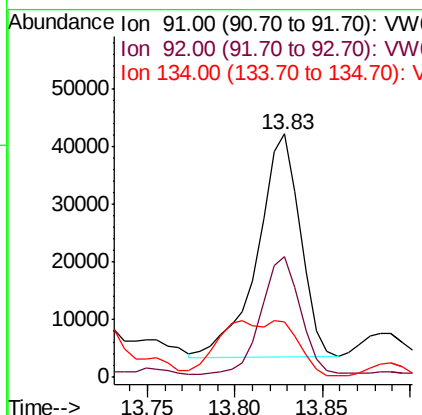
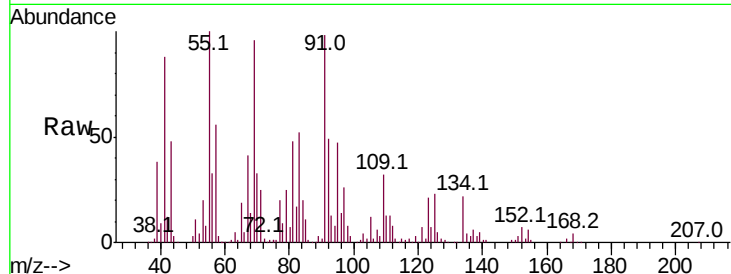




#89
n-Butylbenzene
Concen: 15.058 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

Instrument :
MSVOA_W
ClientSampled :
13803-13804

Tot Ion: 91 Resp: 66065
Ion Ratio Lower Upper
91 100
92 47.9 27.3 81.8
134 0.0 12.3 36.9#



#95
Naphthalene
Concen: 25.446 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010809.D
Acq: 14 Jun 2019 12:55

Tgt Ion: 128 Resp: 59710
Ion Ratio Lower Upper
128 100
127 11.4 10.6 15.8
129 7.1 8.6 13.0#

