

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111319\
 Data File : VW014003.D
 Acq On : 13 Nov 2019 13:40
 Operator : SY/VA
 Sample : K5670-05
 Misc : 6.87G/5.0ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-111219

Quant Time: Nov 14 06:41:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

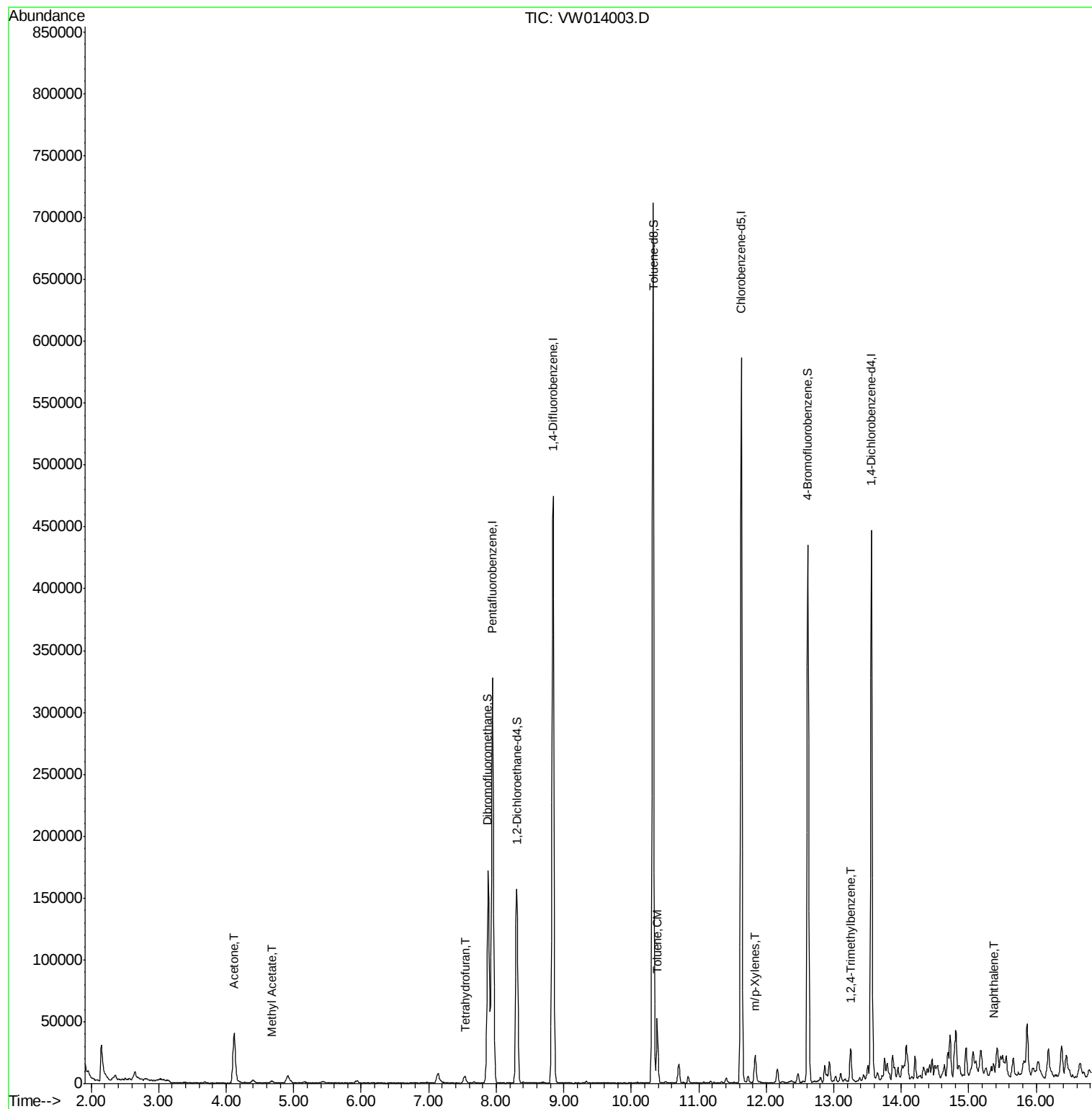
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	422615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	128738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	122381	59.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.68%	
35) Dibromofluoromethane	7.88	113	125094	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
50) Toluene-d8	10.32	98	481310	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.62	95	136225	42.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.10%	
Target Compounds						
16) Acetone	4.12	43	69480	158.900	ug/l	95
18) Methyl Acetate	4.67	43	3795	3.166	ug/l #	72
29) Tetrahydrofuran	7.54	42	4782	12.287	ug/l #	83
52) Toluene	10.38	92	22495	3.131	ug/l	96
68) m/p-Xylenes	11.84	106	6308	1.275	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	15689	2.038	ug/l	99
95) Naphthalene	15.36	128	6819	1.611	ug/l #	95

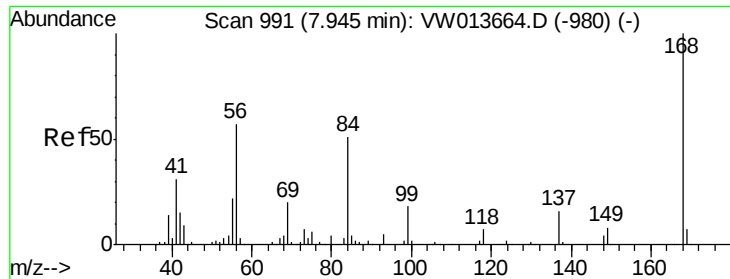
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014003.D

Acq: 13 Nov 2019 13:40

Instrument :

MSVOA_W

ClientSampleId :

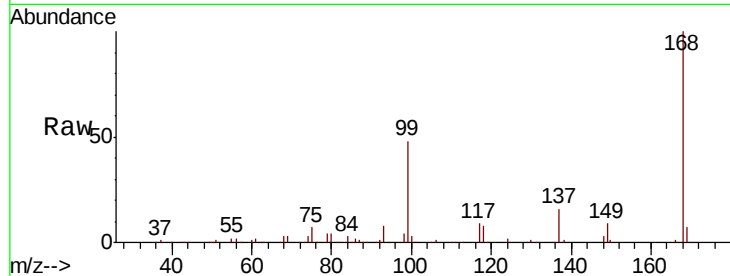
OK-03-111219

Tot Ion:168 Resp: 274903

Ion Ratio Lower Upper

168 100

99 48.0 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

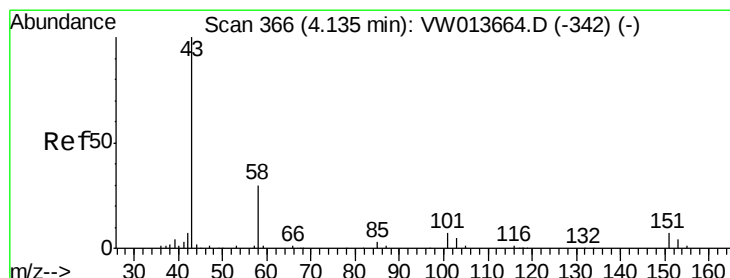
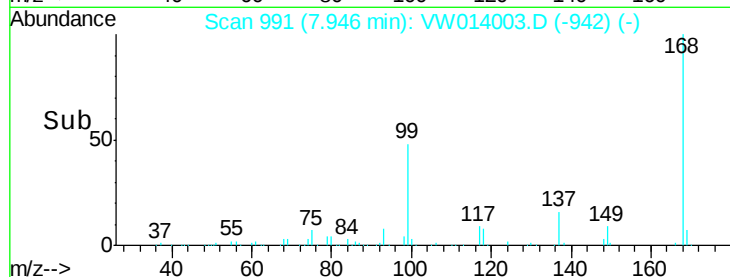
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 158.900 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW014003.D

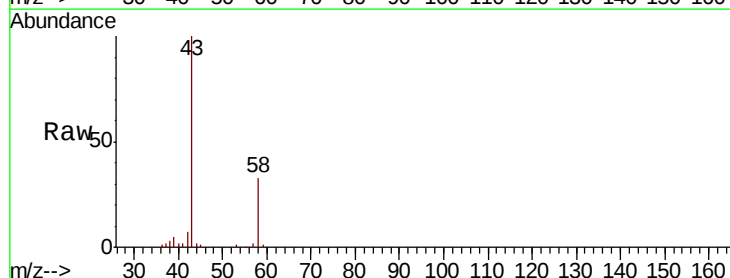
Acq: 13 Nov 2019 13:40

Tgt Ion: 43 Resp: 69480

Ion Ratio Lower Upper

43 100

58 32.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

30000

25000

20000

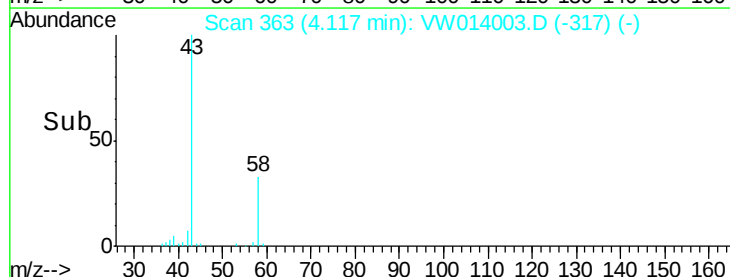
15000

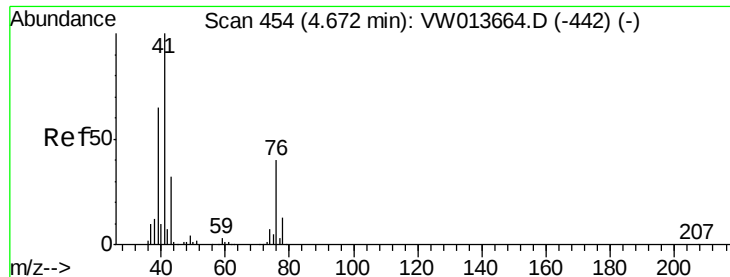
10000

5000

0

Time-->

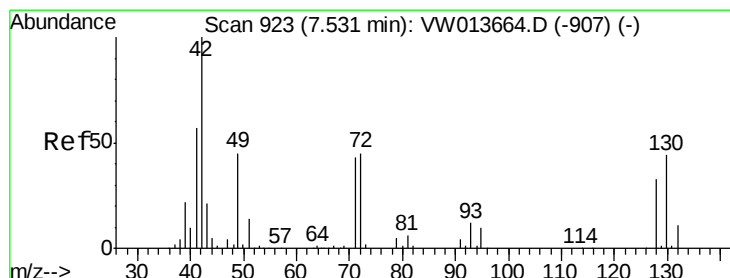
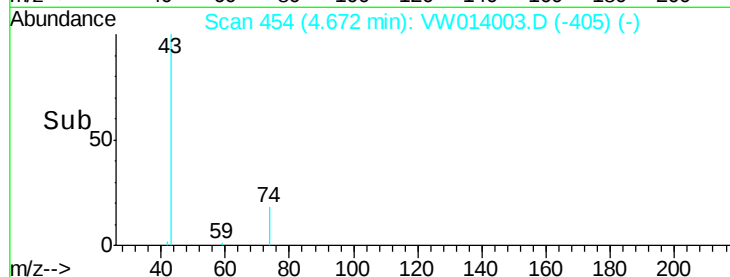
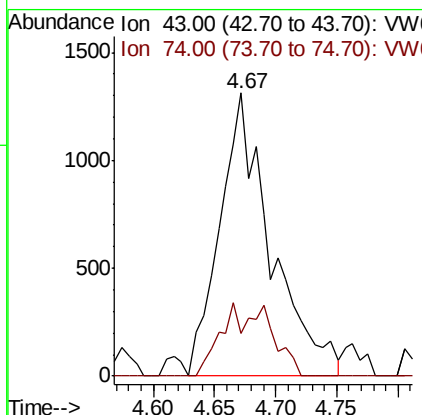
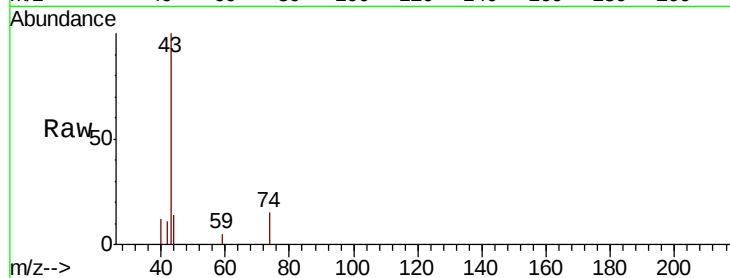




#18
Methyl Acetate
Concen: 3.166 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW014003.D
Acq: 13 Nov 2019 13:40

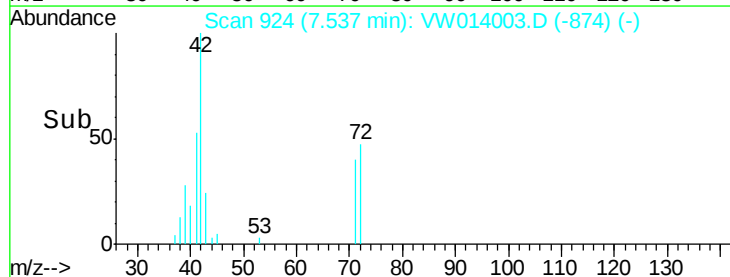
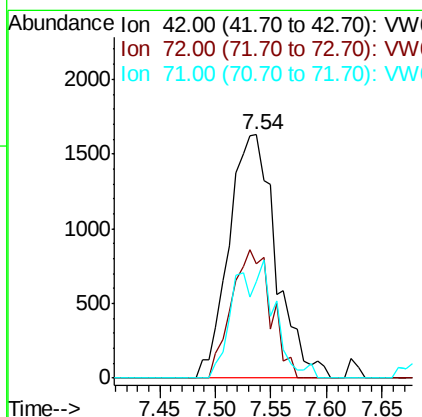
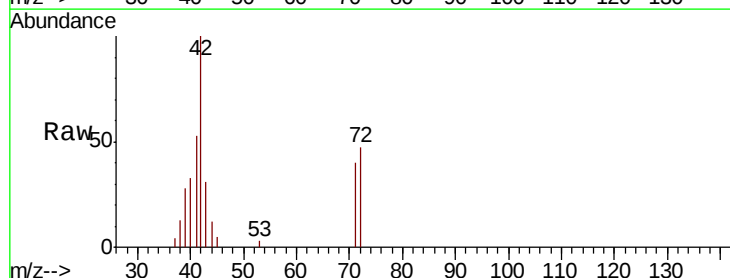
Instrument :
MSVOA_W
ClientSampled :
OK-03-111219

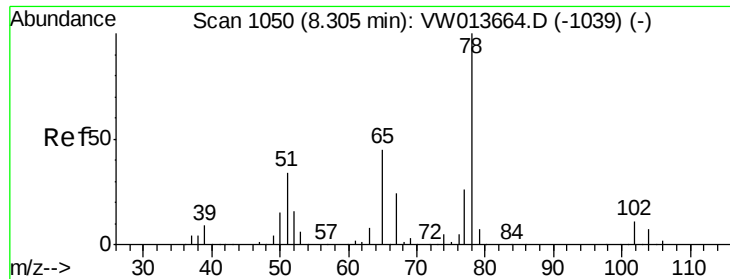
Tot Ion: 43 Resp: 3795
Ion Ratio Lower Upper
43 100
74 10.9 19.8 29.8#



#29
Tetrahydrofuran
Concen: 12.287 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW014003.D
Acq: 13 Nov 2019 13:40

Tgt Ion: 42 Resp: 4782
Ion Ratio Lower Upper
42 100
72 44.3 35.3 52.9
71 20.0 33.3 49.9#

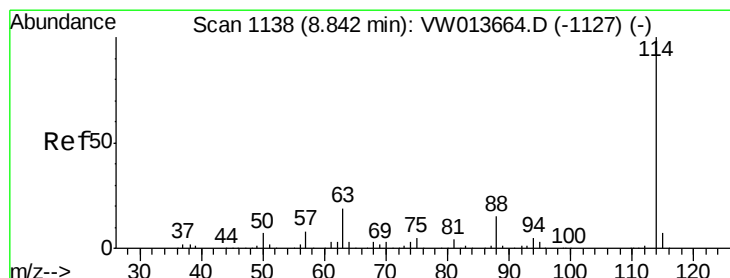
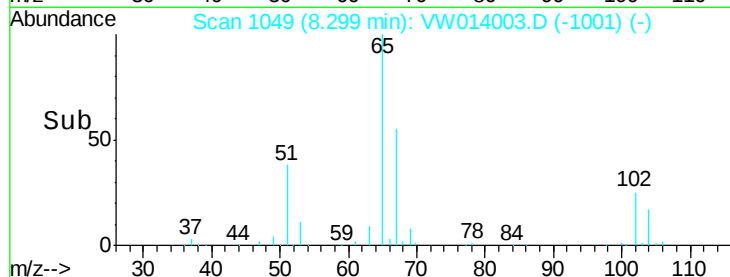
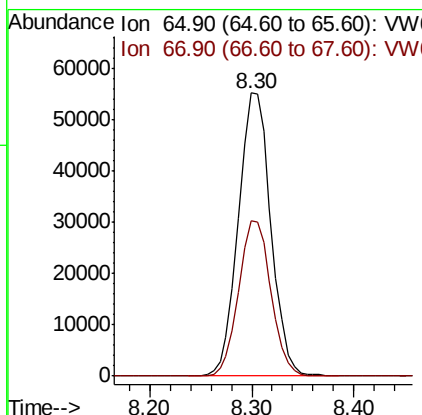
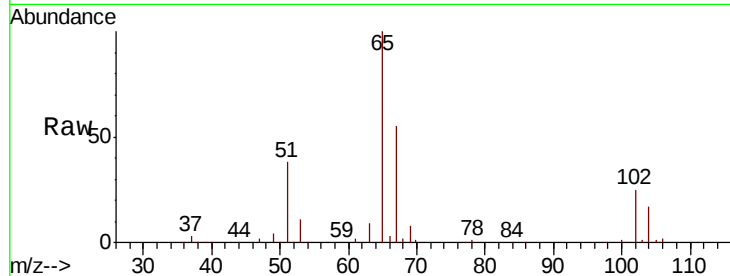




#33
 1,2-Dichloroethane-d4
 Concen: 59.344 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014003.D
 Acq: 13 Nov 2019 13:40

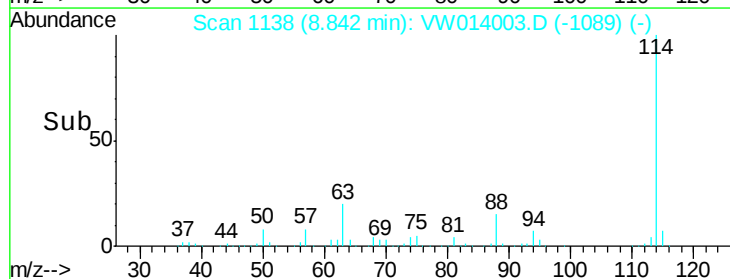
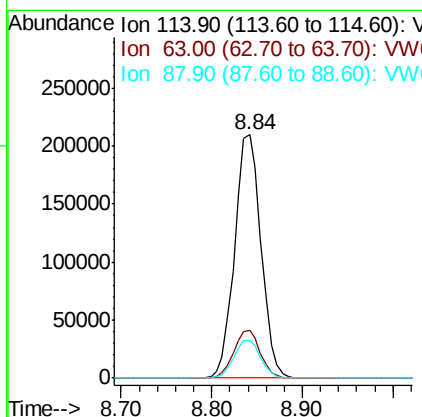
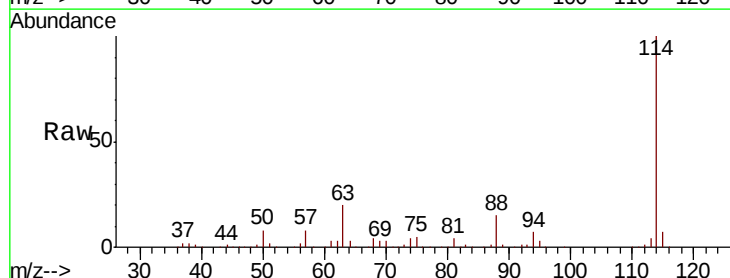
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-03-111219

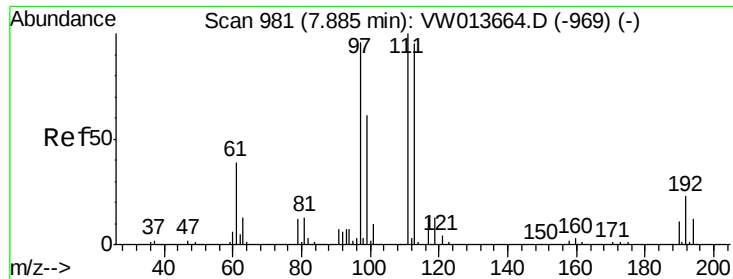
Tot Ion: 65 Resp: 122381
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014003.D
 Acq: 13 Nov 2019 13:40

Tgt Ion: 114 Resp: 422615
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.6
 88 15.5 0.0 30.2

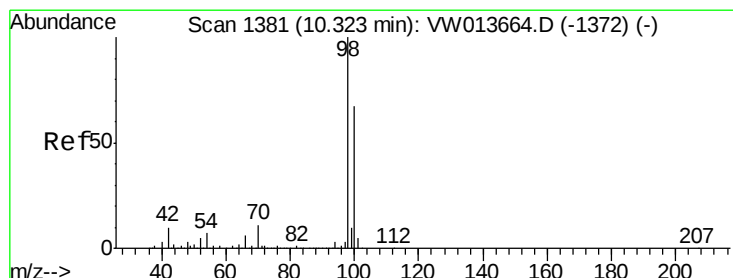
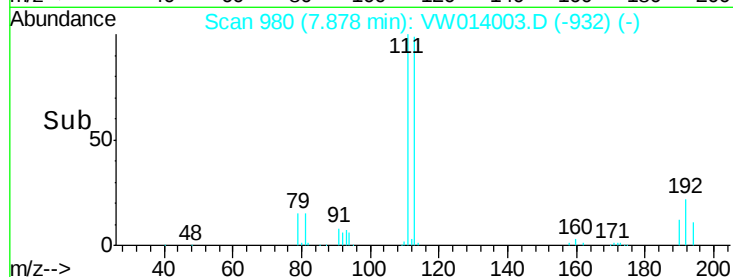
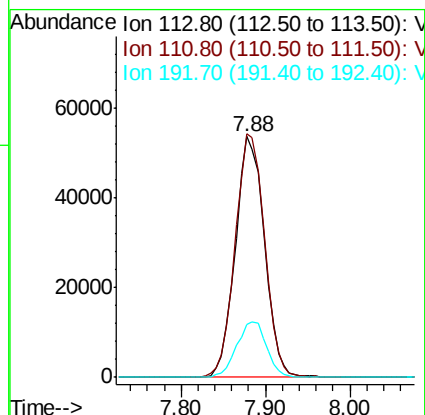
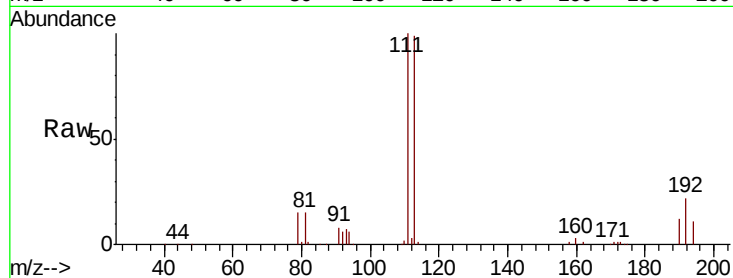




#35
Dibromofluoromethane
Concen: 53.270 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW014003.D
Acq: 13 Nov 2019 13:40

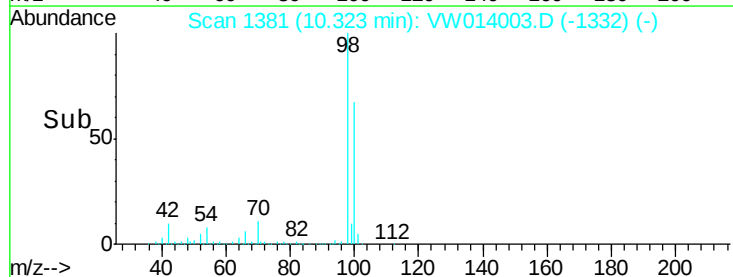
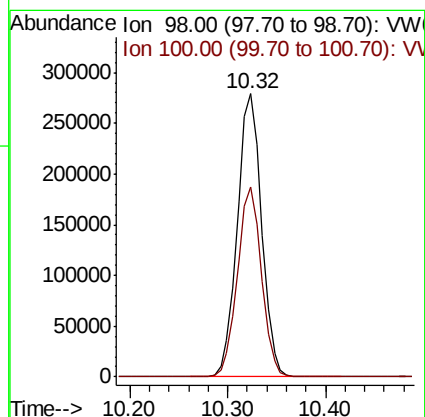
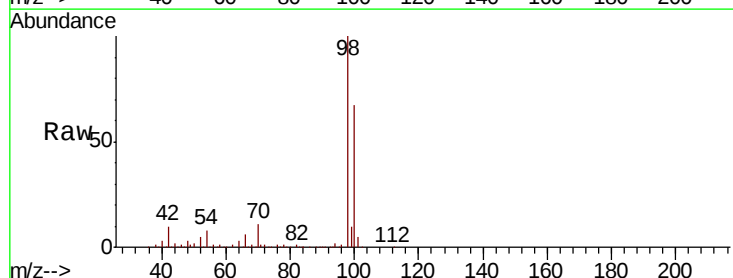
Instrument :
MSVOA_W
ClientSampleId :
OK-03-111219

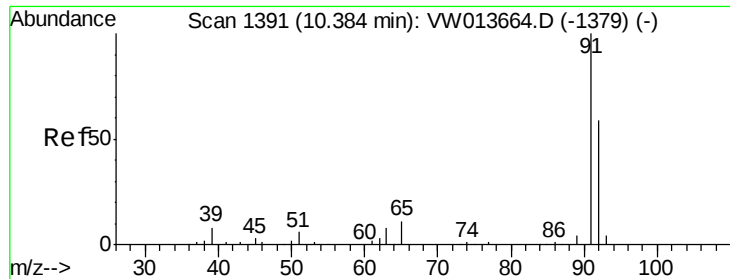
Tot Ion:113 Resp: 125094
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.6
192 23.6 19.4 29.2



#50
Toluene-d8
Concen: 50.301 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014003.D
Acq: 13 Nov 2019 13:40

Tgt Ion: 98 Resp: 481310
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0





#52

Toluene

Concen: 3.131 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014003.D

Acq: 13 Nov 2019 13:40

Instrument :

MSVOA_W

ClientSampleId :

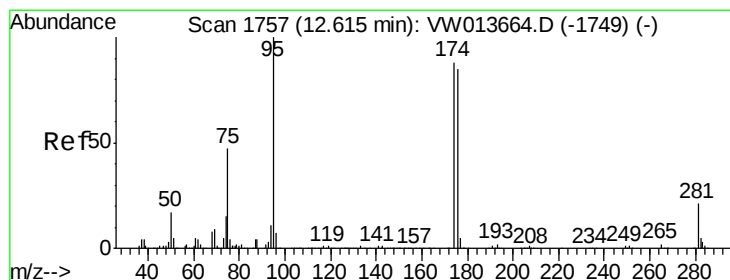
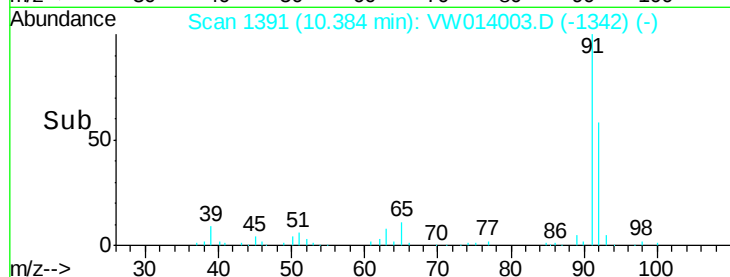
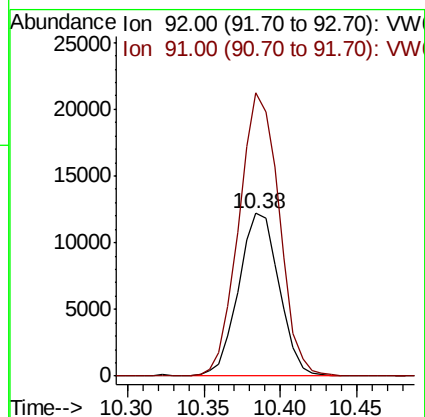
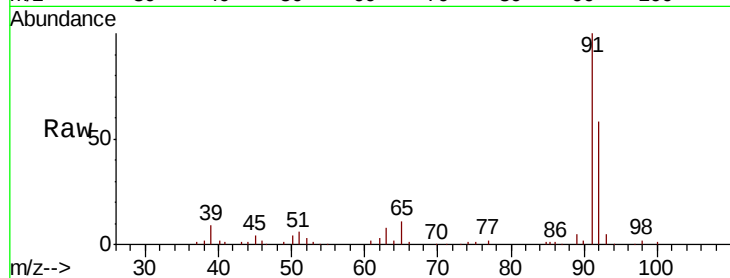
OK-03-111219

Tot Ion: 92 Resp: 22495

Ion Ratio Lower Upper

92 100

91 173.3 134.5 201.7



#62

4-Bromofluorobenzene

Concen: 42.045 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014003.D

Acq: 13 Nov 2019 13:40

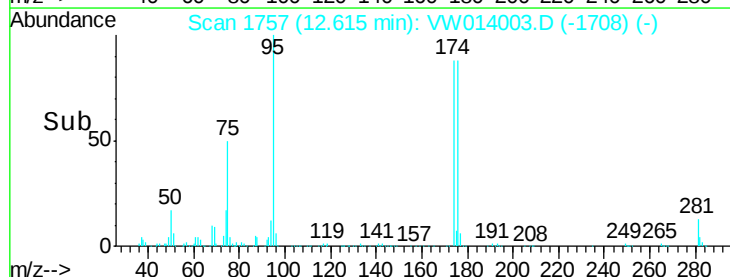
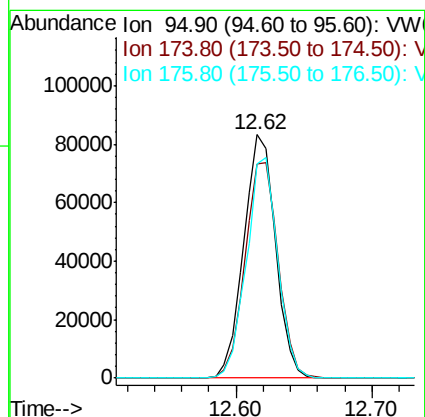
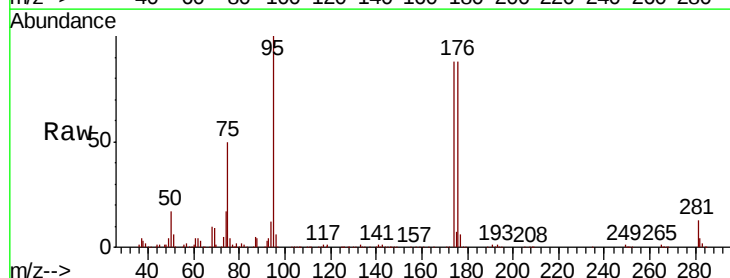
Tgt Ion: 95 Resp: 136225

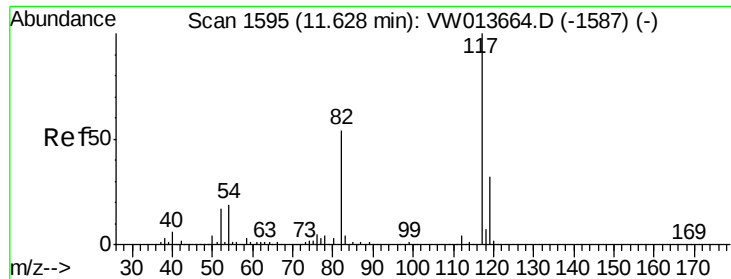
Ion Ratio Lower Upper

95 100

174 92.6 0.0 183.6

176 89.6 0.0 178.0

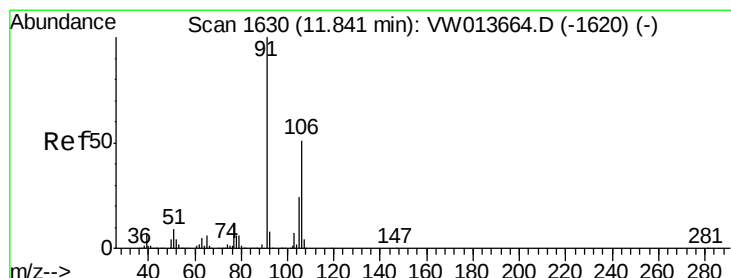
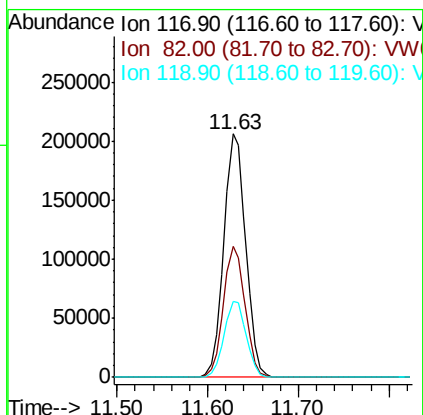
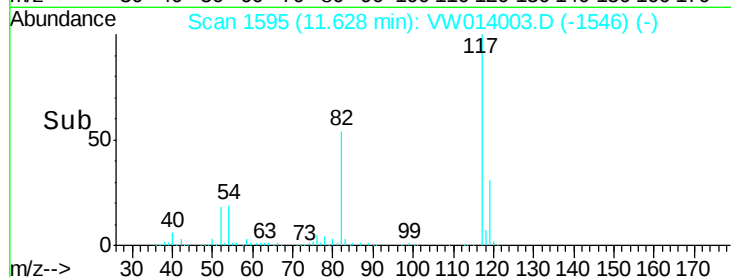
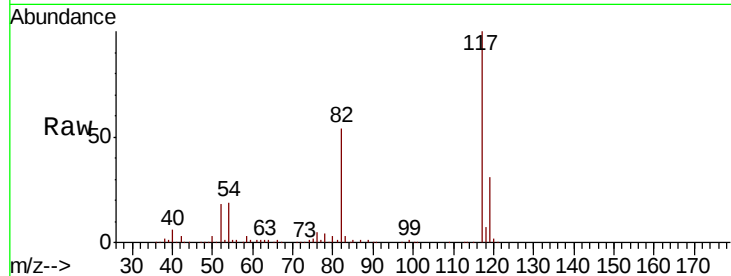




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014003.D
Acq: 13 Nov 2019 13:40

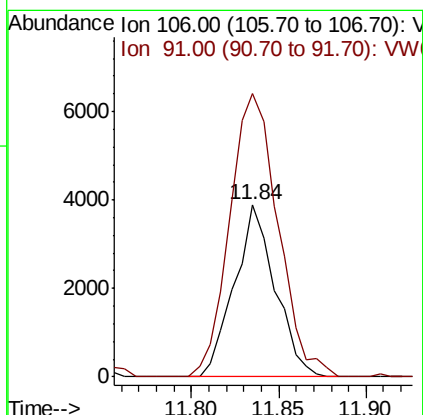
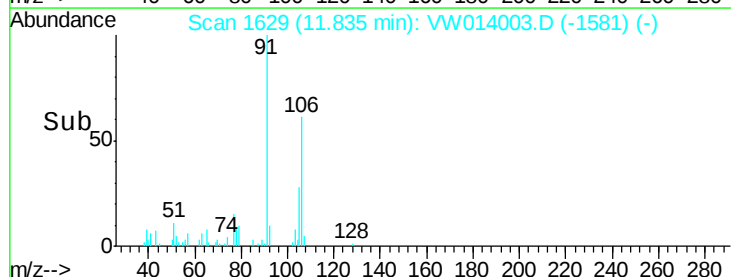
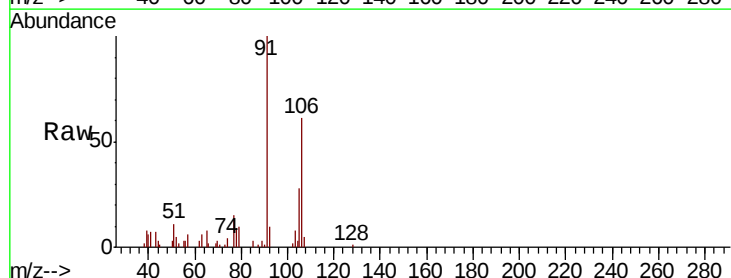
Instrument :
MSVOA_W
ClientSampled :
OK-03-111219

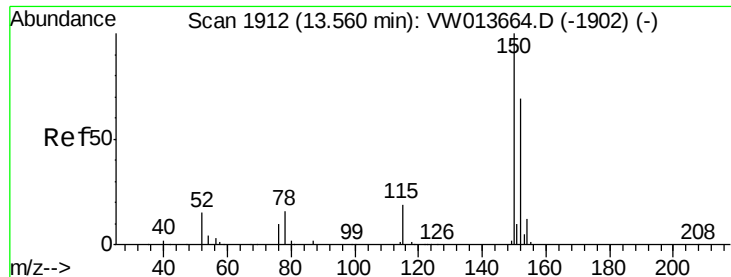
Tot Ion:117 Resp: 345614
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 31.0 25.4 38.2



#68
m/p-Xylenes
Concen: 1.275 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW014003.D
Acq: 13 Nov 2019 13:40

Tgt Ion:106 Resp: 6308
Ion Ratio Lower Upper
106 100
91 194.5 159.2 238.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW014003.D

Acq: 13 Nov 2019 13:40

Instrument :

MSVOA_W

ClientSampleId :

OK-03-111219

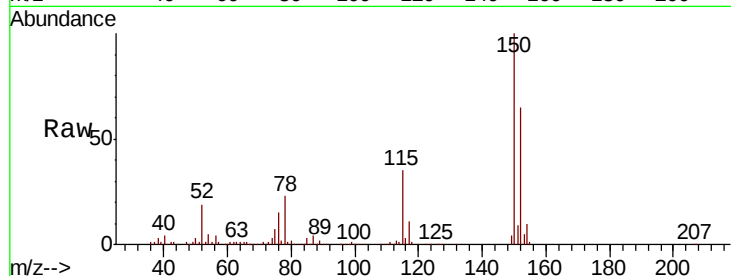
Tot Ion:152 Resp: 128738

Ion Ratio Lower Upper

152 100

115 54.2 27.4 82.2

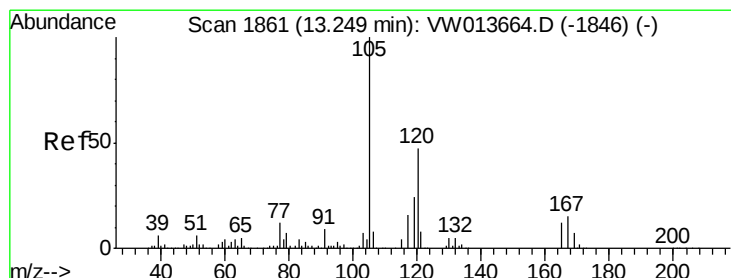
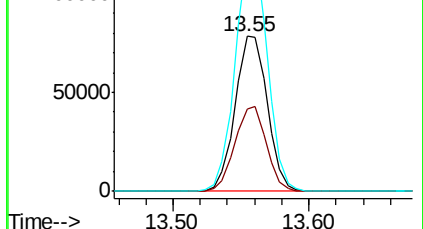
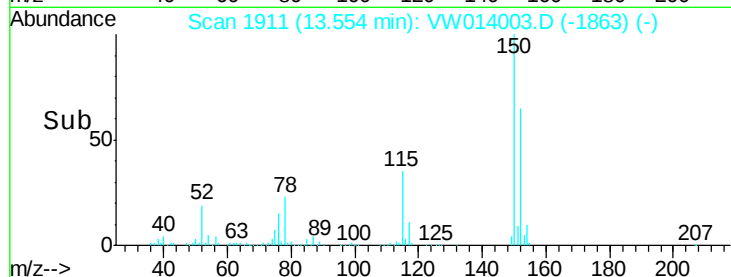
150 154.2 0.0 345.4



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: 2.038 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW014003.D

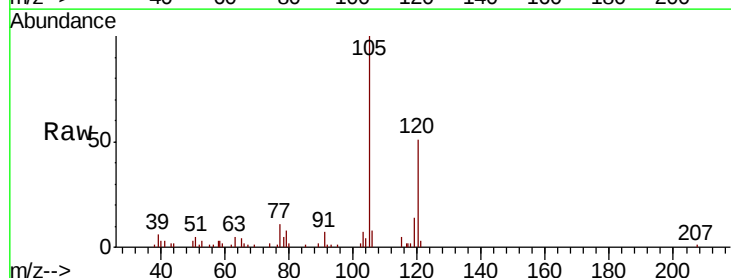
Acq: 13 Nov 2019 13:40

Tgt Ion:105 Resp: 15689

Ion Ratio Lower Upper

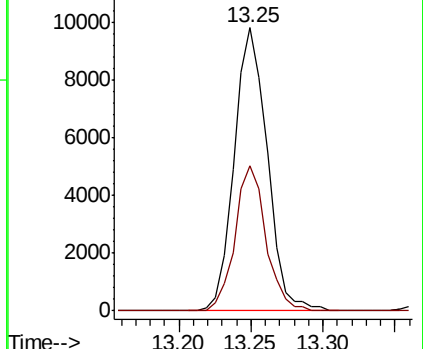
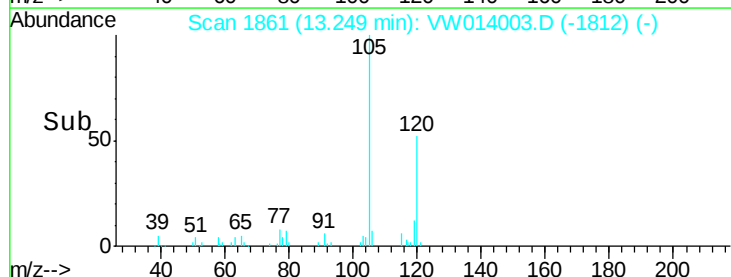
105 100

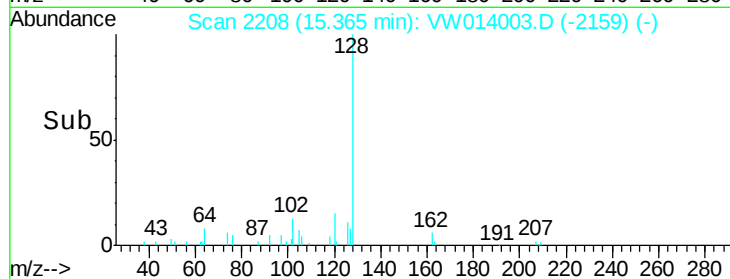
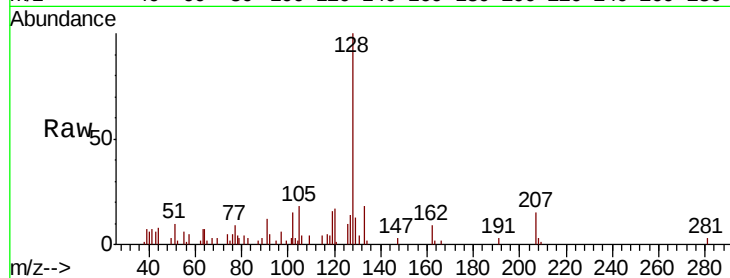
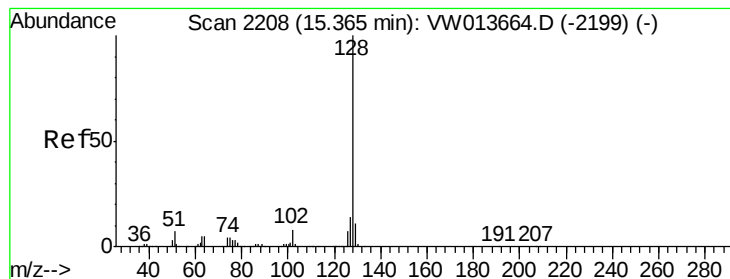
120 47.7 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.611 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014003.D

Acq: 13 Nov 2019 13:40

Instrument :

MSVOA_W

ClientSampleId :

OK-03-111219

Tot Ion:128 Resp: 6819

Ion Ratio Lower Upper

128 100

127 14.1 10.6 15.8

129 13.7 8.7 13.1#

