

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059188.D
 Acq On : 12 Nov 2019 14:23
 Operator : JC/SP
 Sample : K5777-04ME 10X
 Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-7-MIDDLE-(10)ME

Quant Time: Nov 13 06:58:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	414288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	646556	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	584924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285364	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	266461	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
35) Dibromofluoromethane	7.57	113	200345	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	10.08	98	789740	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.40	95	288867	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	

Target Compounds

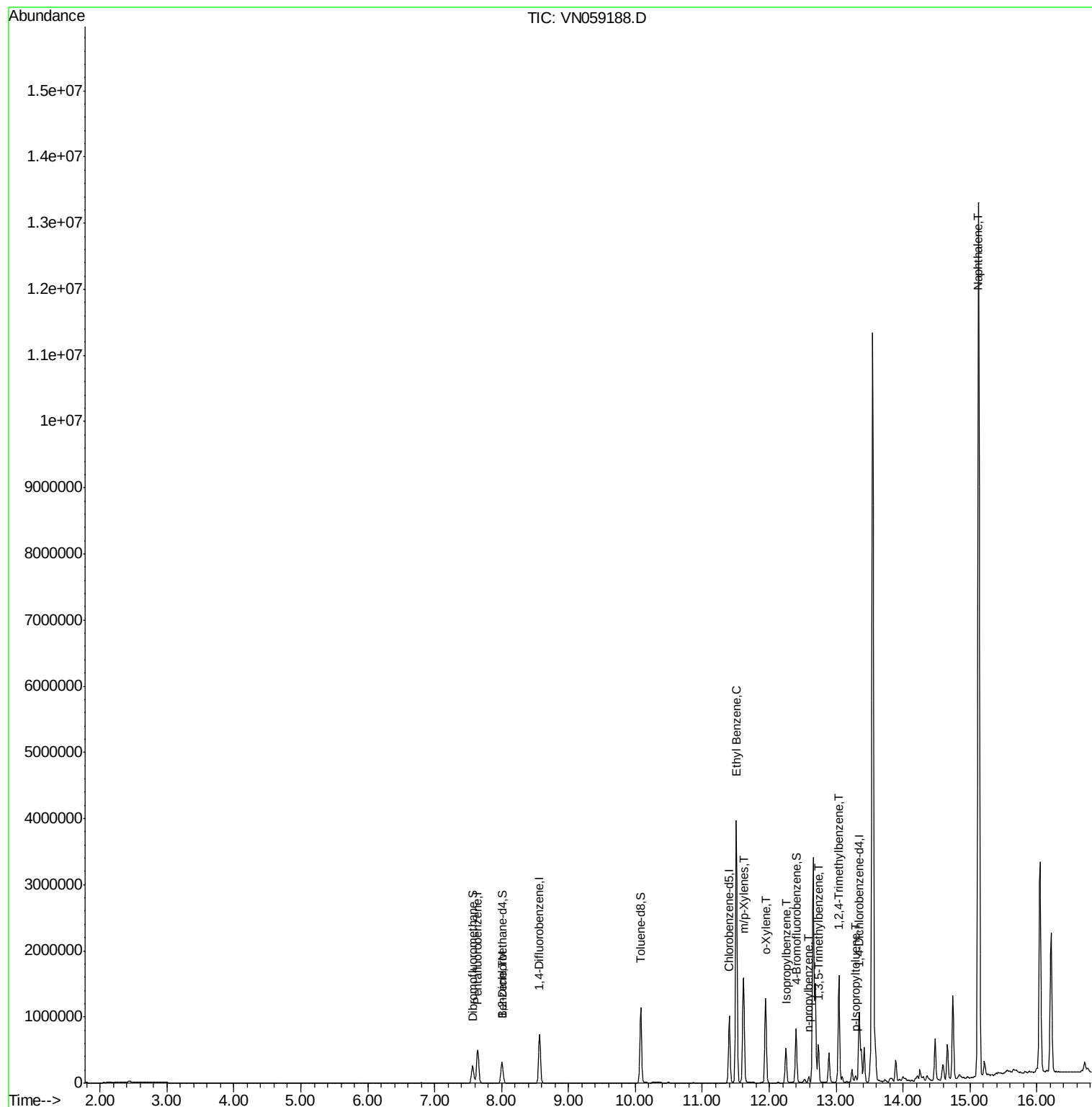
						Qvalue
40) Benzene	8.02	78	18171	0.998	ug/l	100
67) Ethyl Benzene	11.51	91	2865692	141.652	ug/l	95
68) m/p-Xylenes	11.62	106	491097	64.805	ug/l	97
69) o-Xylene	11.95	106	346087	47.257	ug/l	99
73) Isopropylbenzene	12.25	105	340668	16.412	ug/l	100
78) n-propylbenzene	12.59	91	66319	2.790	ug/l #	53
80) 1,3,5-Trimethylbenzene	12.73	105	304092	17.289	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	910995	53.534	ug/l	99
86) p-Isopropyltoluene	13.29	119	44232	2.536	ug/l #	76
95) Naphthalene	15.13	128	7437356	475.364	ug/l #	66

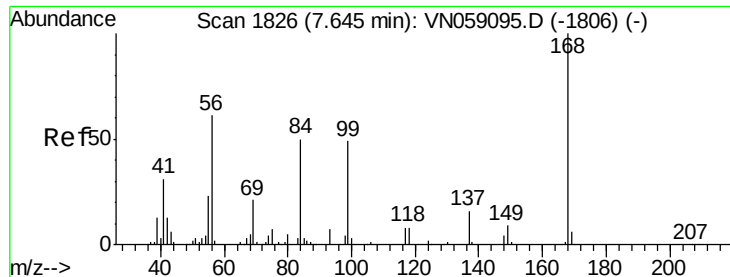
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111219\
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AOC-7-MIDDLE-(10)ME

Quant Time: Nov 13 06:58:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059188.D

Acq: 12 Nov 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

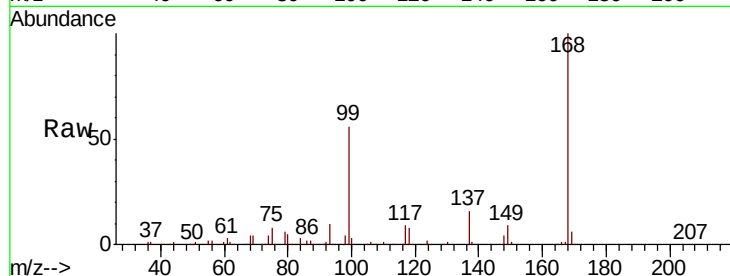
AOC-7-MIDDLE-(10)ME

Tot Ion:168 Resp: 414288

Ion Ratio Lower Upper

168 100

99 56.1 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

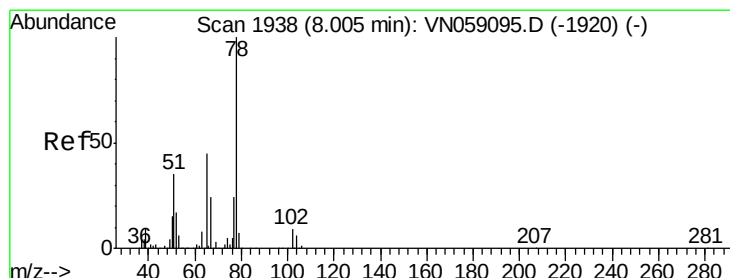
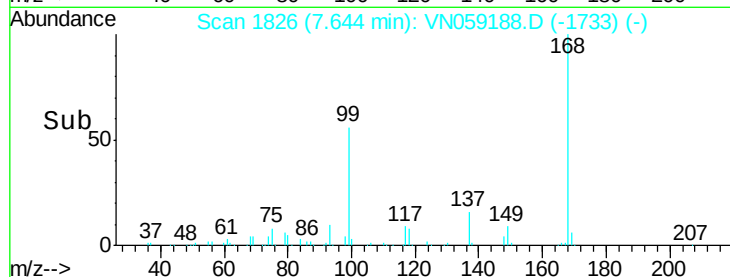
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.322 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059188.D

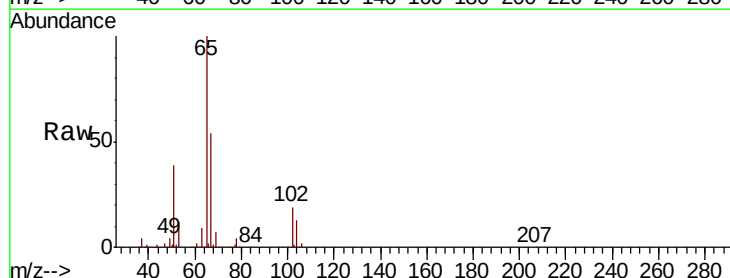
Acq: 12 Nov 2019 14:23

Tgt Ion: 65 Resp: 266461

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

120000

100000

80000

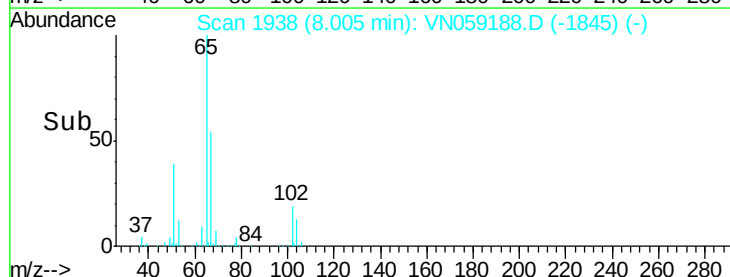
60000

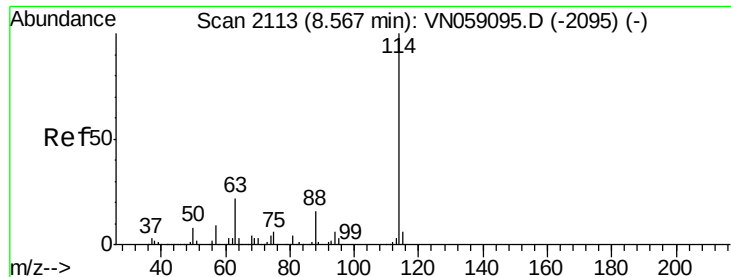
40000

20000

0

Time-->

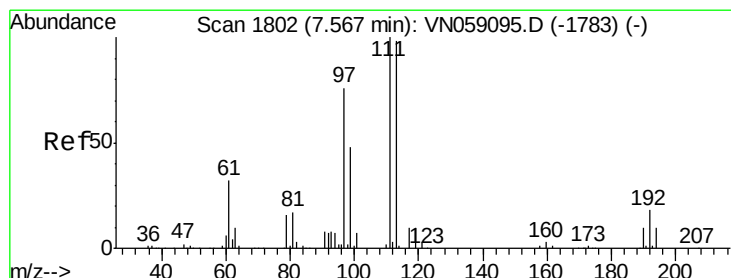
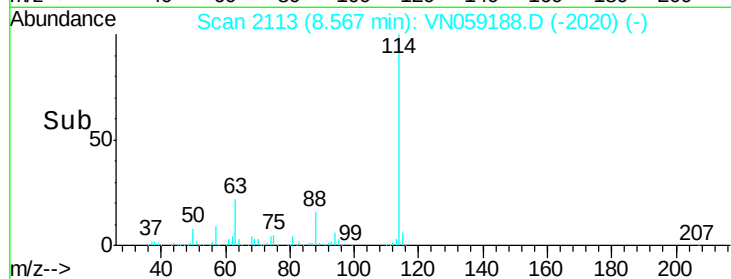
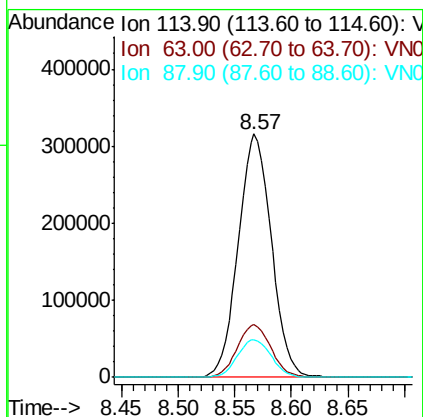
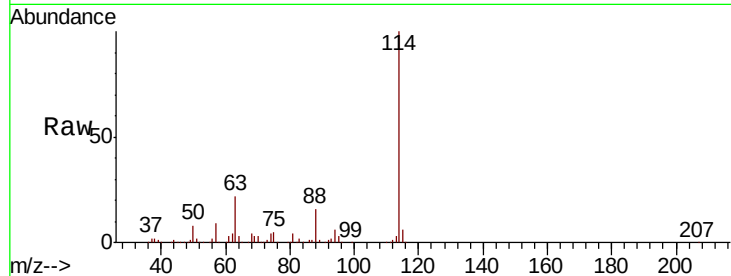




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059188.D
 Acq: 12 Nov 2019 14:23

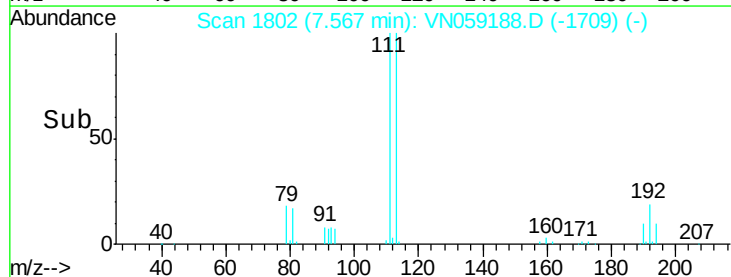
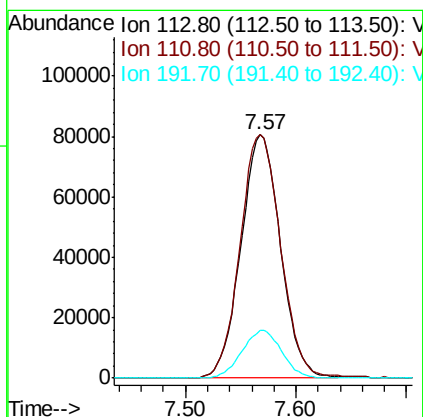
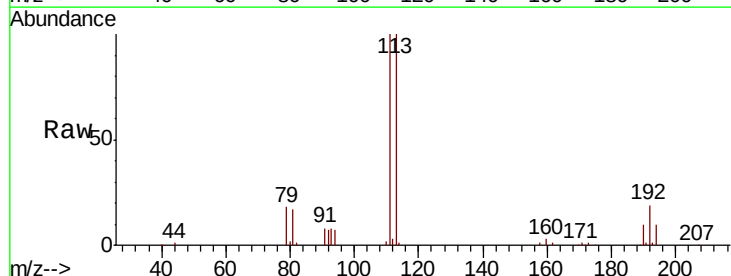
Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-7-MIDDLE-(10)ME

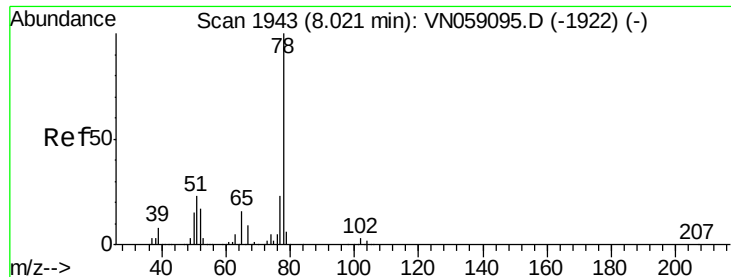
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.4
88	15.6	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 51.895 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059188.D
 Acq: 12 Nov 2019 14:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	19.8	16.1	24.1





#40

Benzene

Concen: 0.998 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN059188.D

Acq: 12 Nov 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

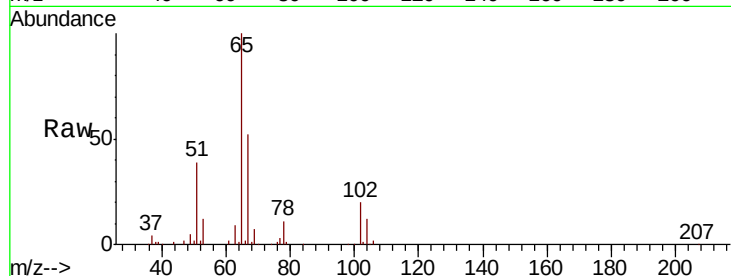
AOC-7-MIDDLE-(10)ME

Tot Ion: 78 Resp: 18171

Ion Ratio Lower Upper

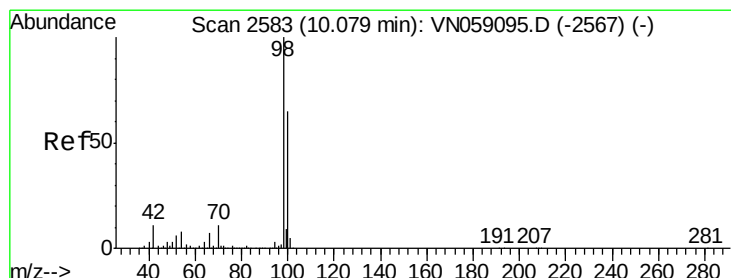
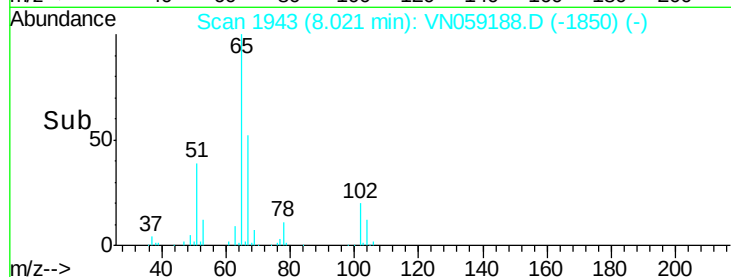
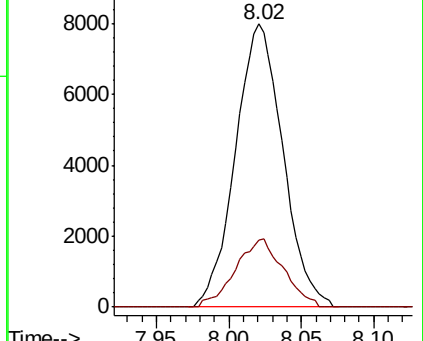
78 100

77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 51.935 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059188.D

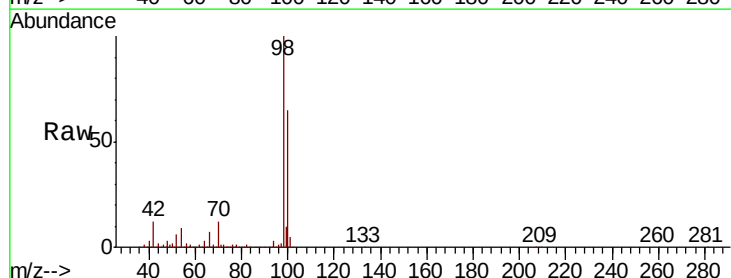
Acq: 12 Nov 2019 14:23

Tgt Ion: 98 Resp: 789740

Ion Ratio Lower Upper

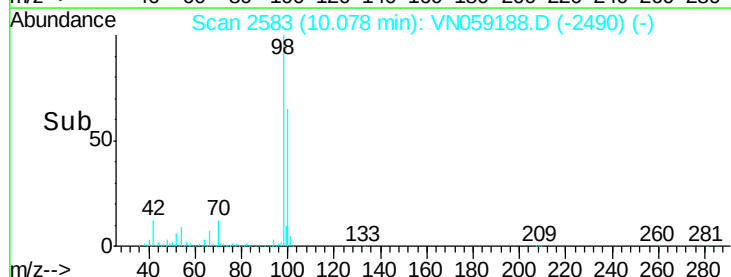
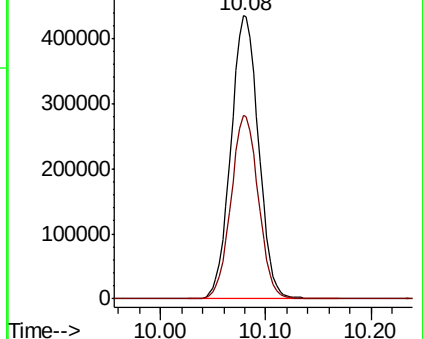
98 100

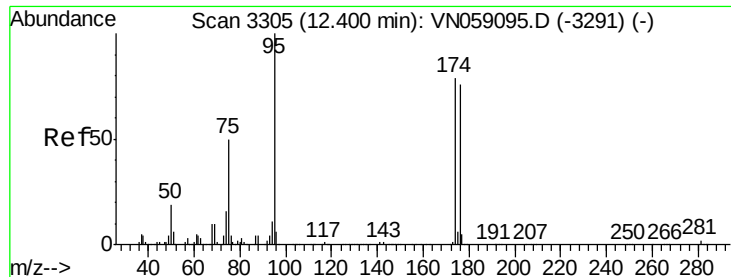
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.685 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059188.D

Acq: 12 Nov 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

AOC-7-MIDDLE-(10)ME

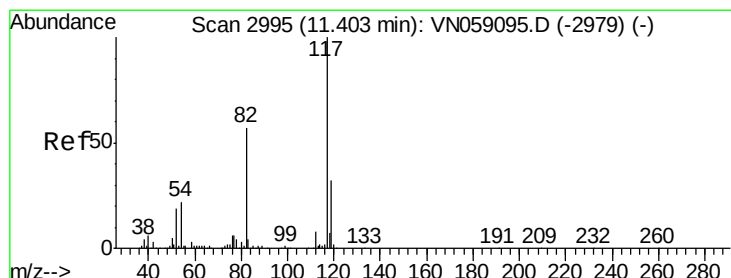
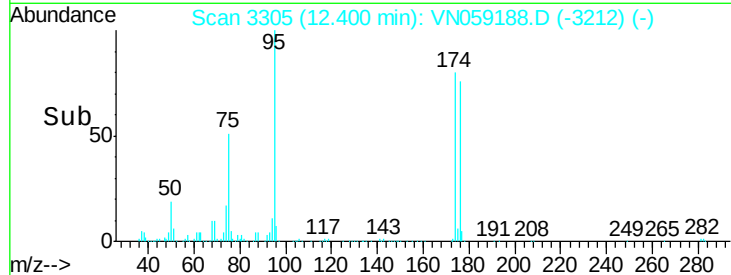
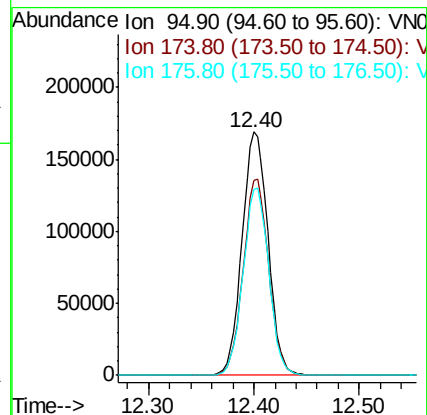
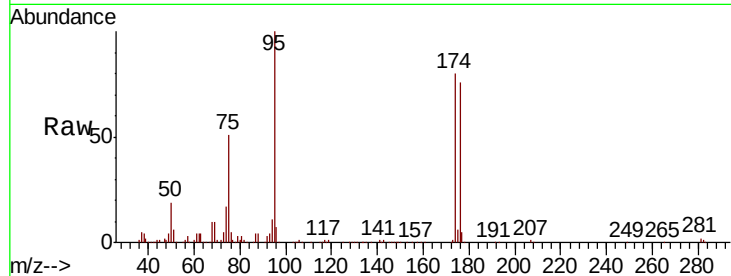
Tot Ion: 95 Resp: 288867

Ion Ratio Lower Upper

95 100

174 78.7 0.0 158.2

176 75.7 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059188.D

Acq: 12 Nov 2019 14:23

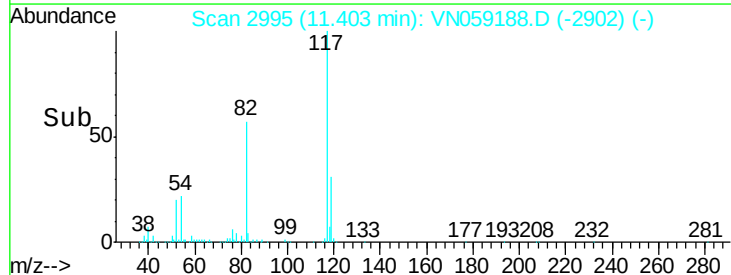
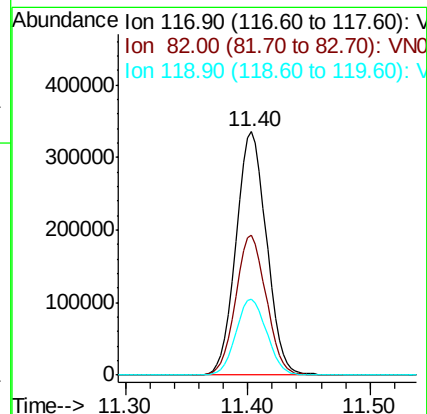
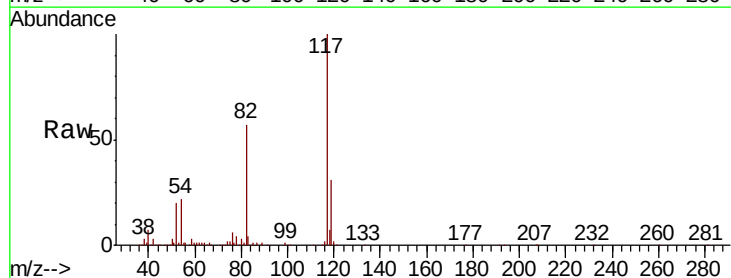
Tgt Ion: 117 Resp: 584924

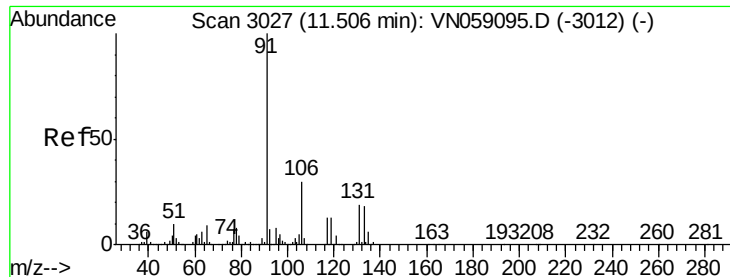
Ion Ratio Lower Upper

117 100

82 57.3 45.8 68.8

119 31.2 25.8 38.6





#67

Ethyl Benzene

Concen: 141.652 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059188.D

Acq: 12 Nov 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

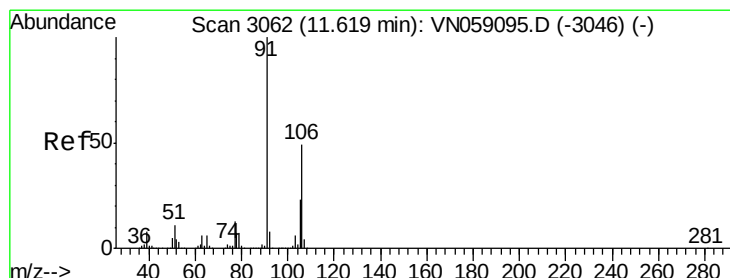
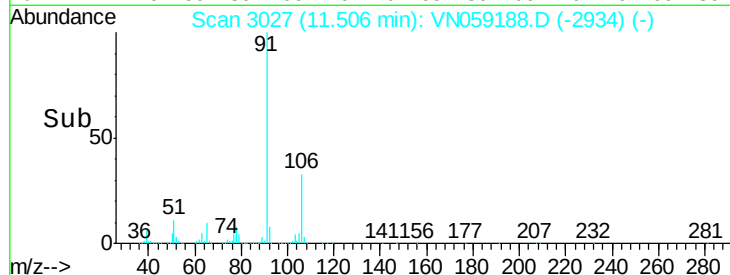
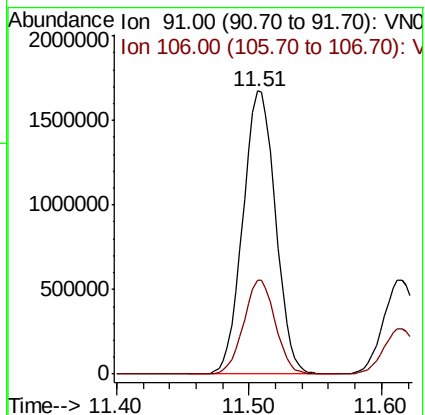
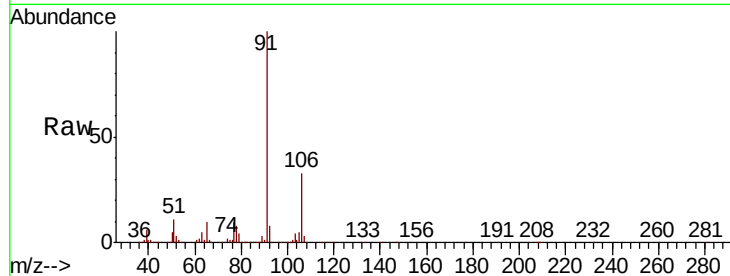
AOC-7-MIDDLE-(10)ME

Tot Ion: 91 Resp: 2865692

Ion Ratio Lower Upper

91 100

106 33.0 24.1 36.1



#68

m/p-Xylenes

Concen: 64.805 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059188.D

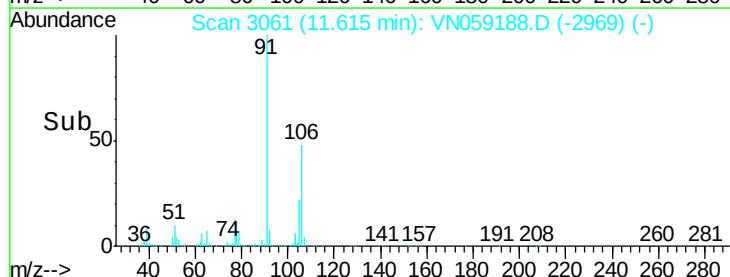
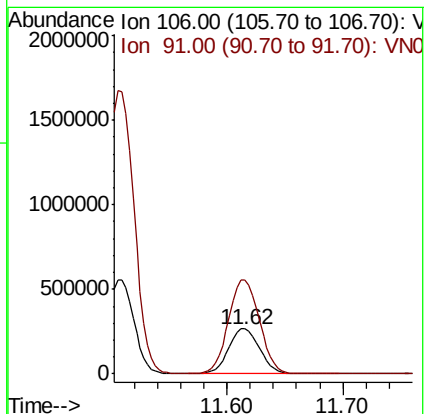
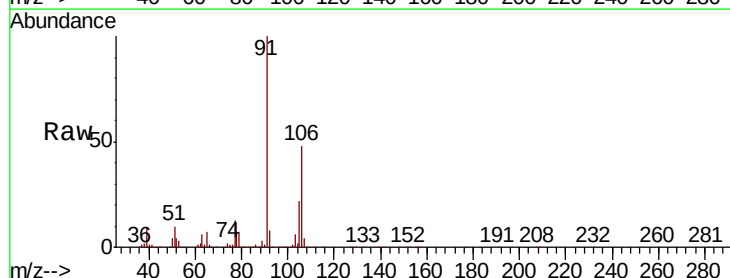
Acq: 12 Nov 2019 14:23

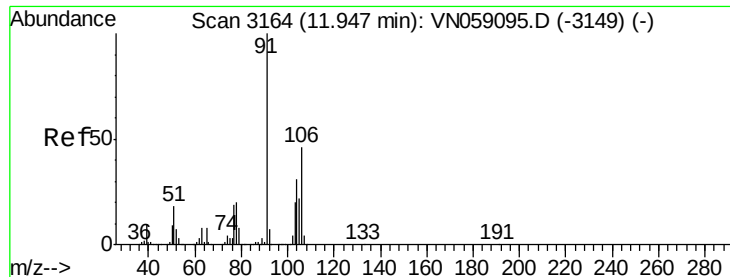
Tgt Ion: 106 Resp: 491097

Ion Ratio Lower Upper

106 100

91 209.8 164.7 247.1

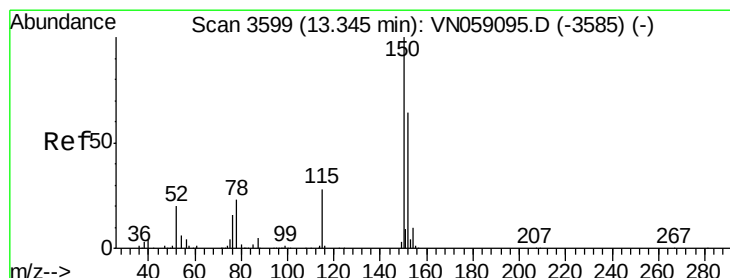
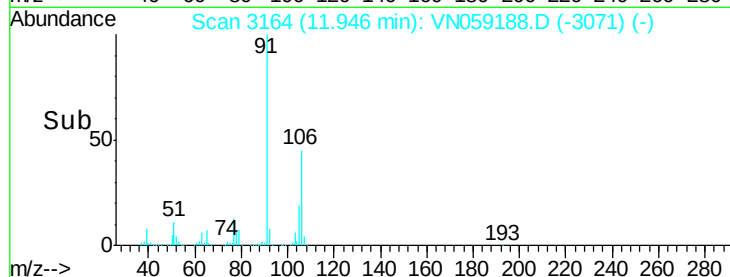
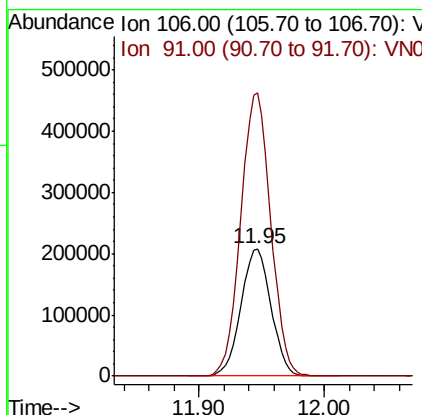
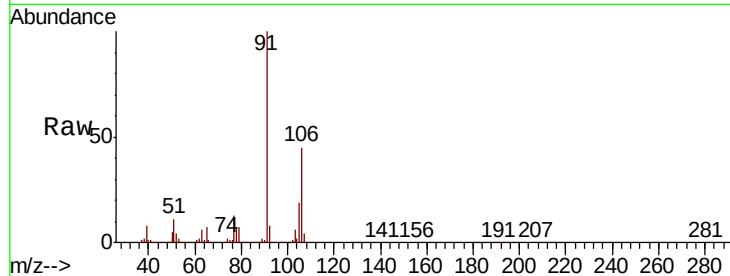




#69
o-Xylene
Concen: 47.257 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059188.D
Acq: 12 Nov 2019 14:23

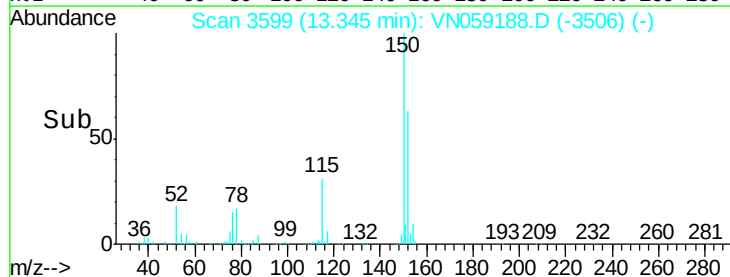
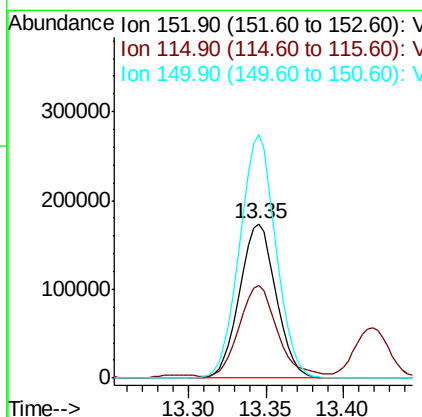
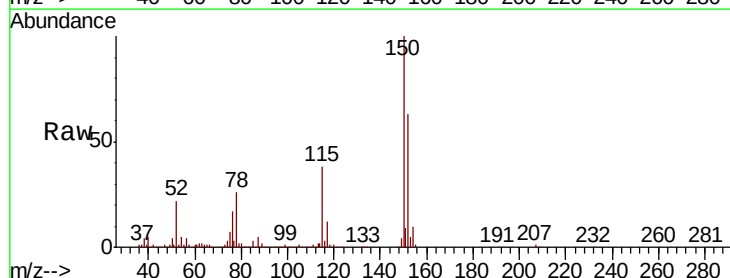
Instrument :
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AOC-7-MIDDLE-(10)ME

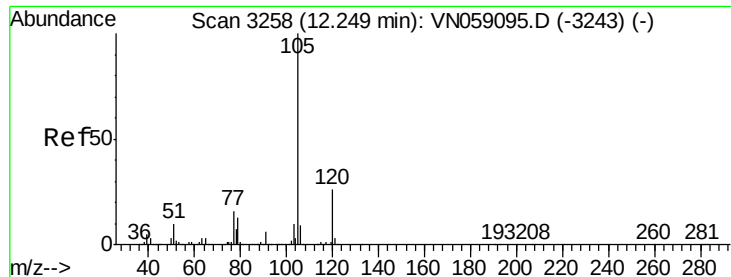
Tot Ion:106 Resp: 346087
Ion Ratio Lower Upper
106 100
91 222.5 110.1 330.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059188.D
Acq: 12 Nov 2019 14:23

Tgt Ion:152 Resp: 285364
Ion Ratio Lower Upper
152 100
115 60.3 29.4 88.2
150 156.8 0.0 345.8





#73

Isopropylbenzene

Concen: 16.412 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059188.D

Acq: 12 Nov 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

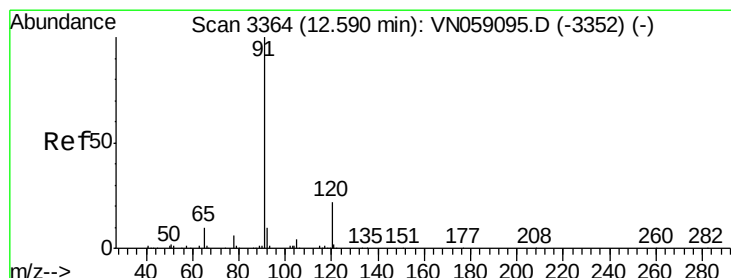
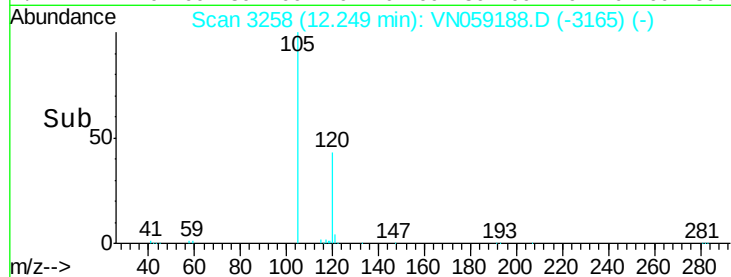
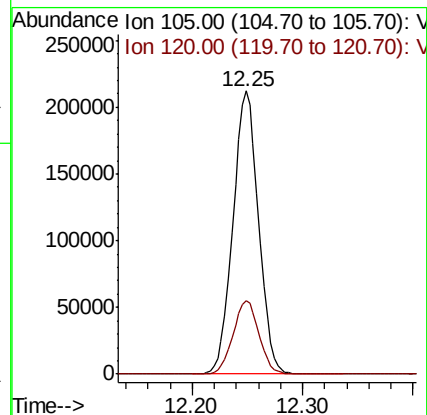
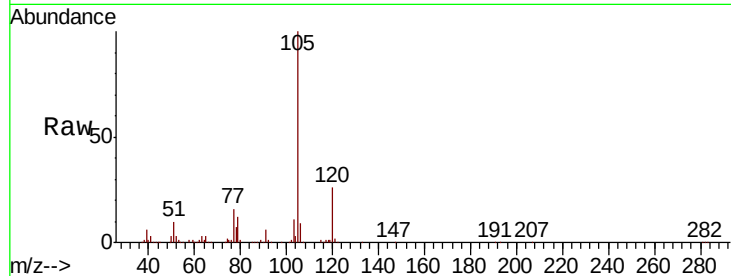
AOC-7-MIDDLE-(10)ME

Tot Ion:105 Resp: 340668

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#78

n-propylbenzene

Concen: 2.790 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059188.D

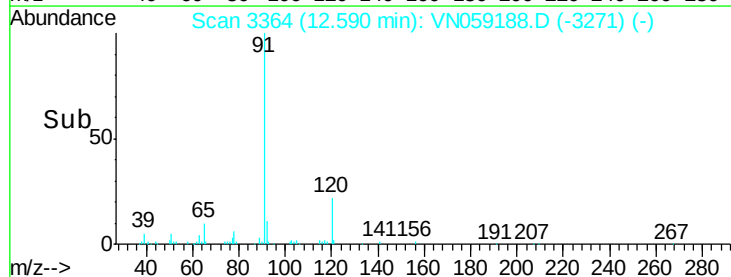
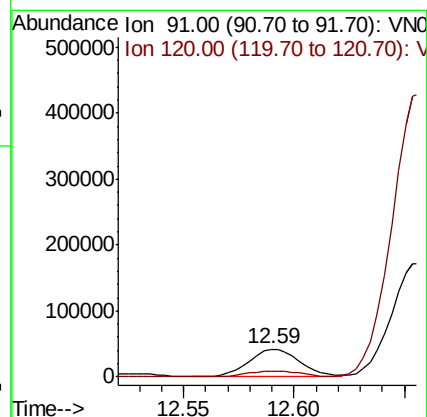
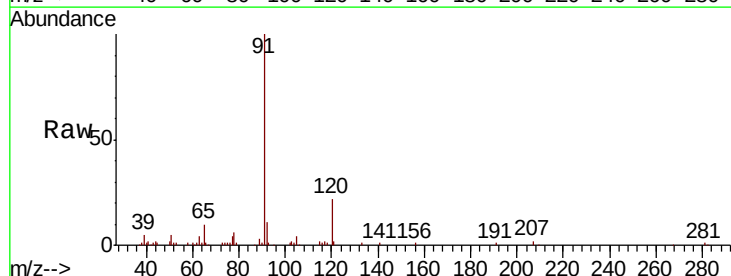
Acq: 12 Nov 2019 14:23

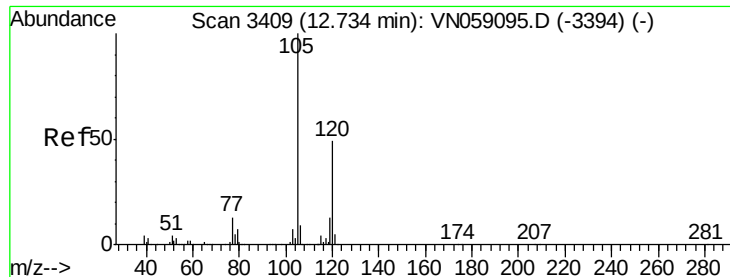
Tgt Ion: 91 Resp: 66319

Ion Ratio Lower Upper

91 100

120 0.0 11.2 33.5#





#80

1,3,5-Trimethylbenzene

Concen: 17.289 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059188.D

Acq: 12 Nov 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

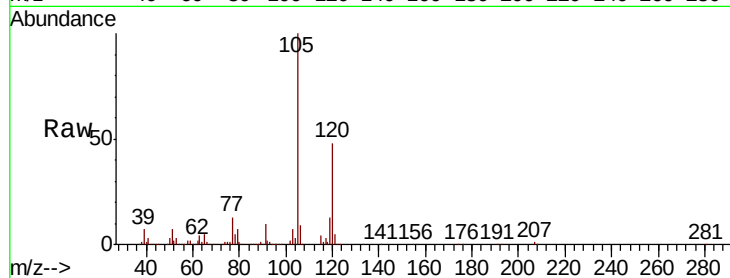
AOC-7-MIDDLE-(10)ME

Tot Ion:105 Resp: 304092

Ion Ratio Lower Upper

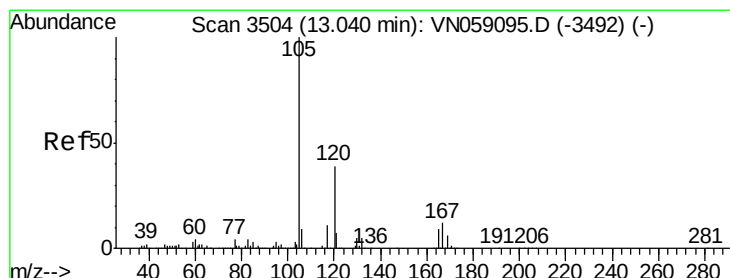
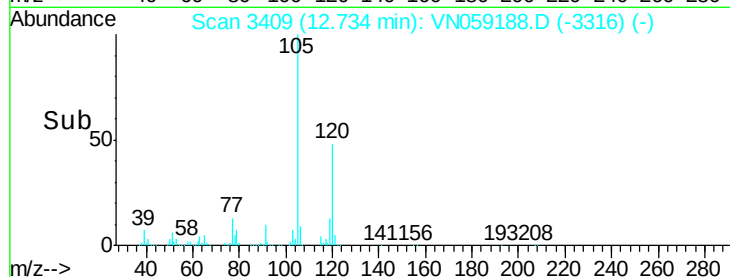
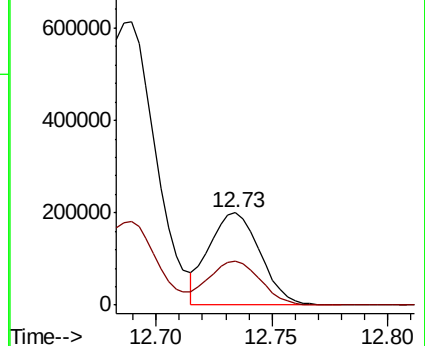
105 100

120 49.7 24.0 72.0



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: 53.534 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059188.D

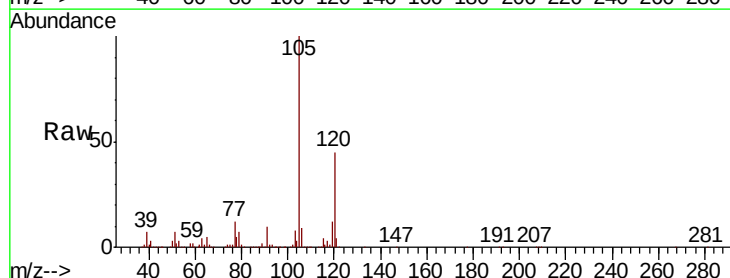
Acq: 12 Nov 2019 14:23

Tgt Ion:105 Resp: 910995

Ion Ratio Lower Upper

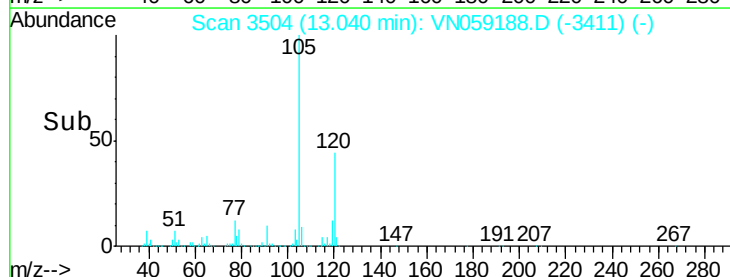
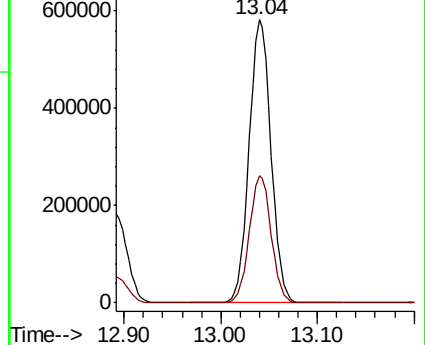
105 100

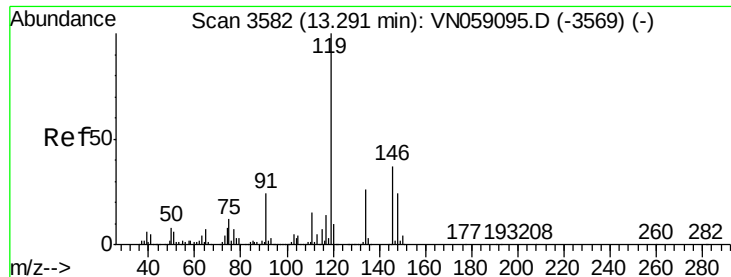
120 45.0 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

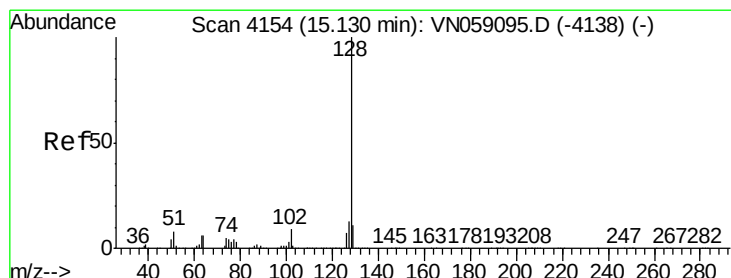
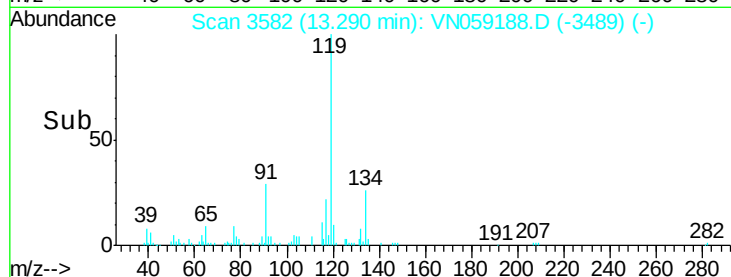
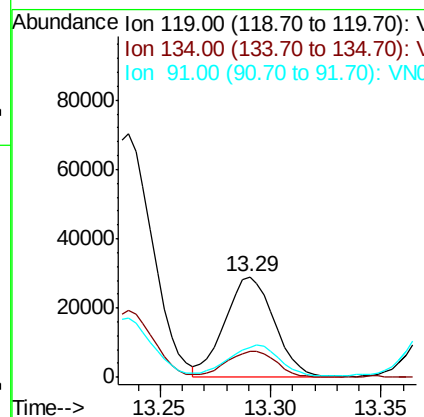
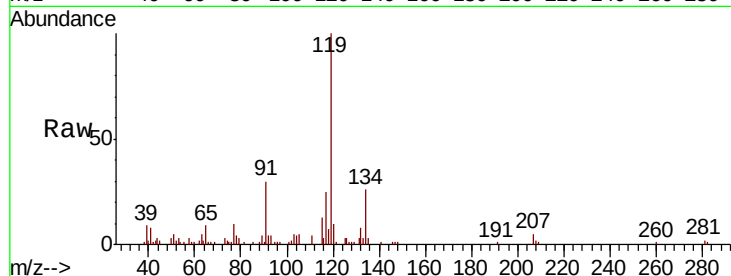




#86
 p-Isopropyltoluene
 Concen: 2.536 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059188.D
 Acq: 12 Nov 2019 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-7-MIDDLE-(10)ME

Tot Ion:119 Resp: 44232
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 38.9
 91 0.0 11.7 35.1#



#95
 Naphthalene
 Concen: 475.364 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059188.D
 Acq: 12 Nov 2019 14:23

Tgt Ion:128 Resp: 7437356
 Ion Ratio Lower Upper
 128 100
 127 26.3 10.2 15.2#
 129 23.6 8.6 12.8#

