

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058062.D
 Acq On : 14 Sep 2019 9:17
 Operator : JC/SP
 Sample : K4850-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-7-(6)

Quant Time: Sep 16 05:59:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	330161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	567231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288097	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	384431	57.49	ug/l	0.00
Spiked Amount			Recovery	=	114.98%	
35) Dibromofluoromethane	7.58	113	256050	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
50) Toluene-d8	10.08	98	1057360	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.40	95	354965	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	

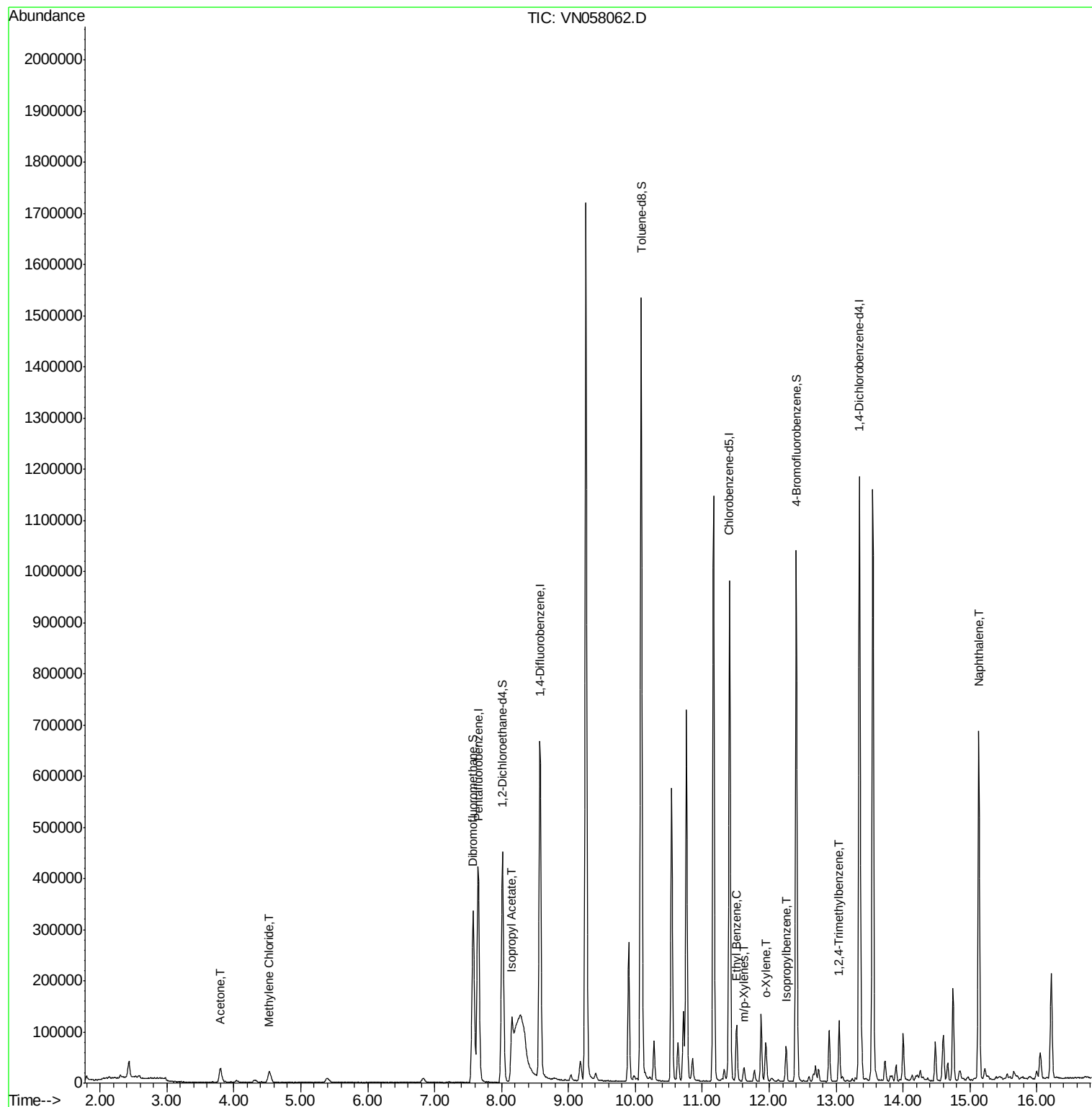
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	45990	20.979	ug/l	98
20) Methylene Chloride	4.53	84	16301	2.743	ug/l	91
43) Isopropyl Acetate	8.16	43	161446	14.125	ug/l #	79
67) Ethyl Benzene	11.51	91	77937	3.190	ug/l	99
68) m/p-Xylenes	11.62	106	9782	1.093	ug/l	84
69) o-Xylene	11.95	106	19808	2.227	ug/l	97
73) Isopropylbenzene	12.25	105	43424	1.942	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	67801	3.532	ug/l	95
95) Naphthalene	15.13	128	535748	31.175	ug/l	99

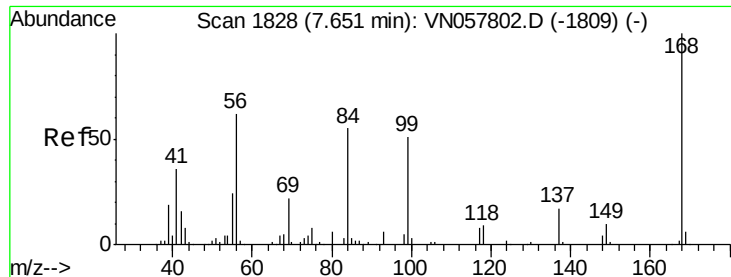
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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AOC-7-(6)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

ClientSampled :

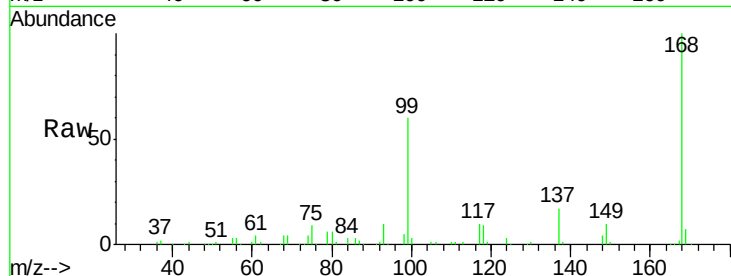
AOC-7-(6)

Tot Ion:168 Resp: 330161

Ion Ratio Lower Upper

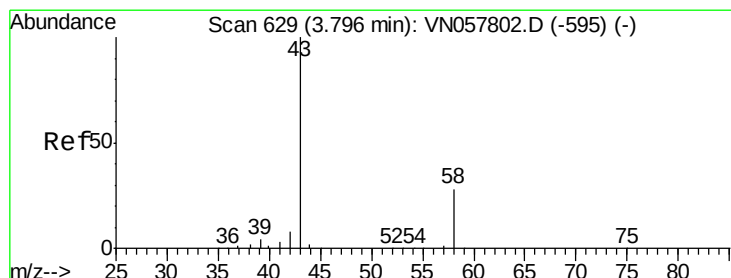
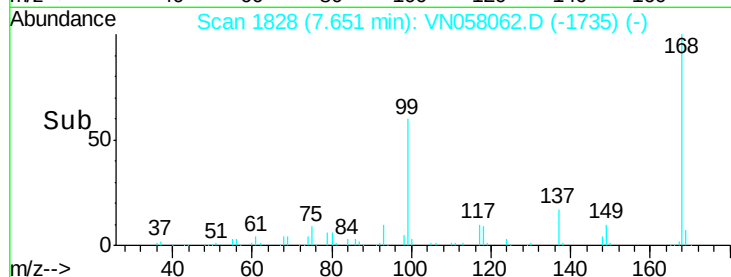
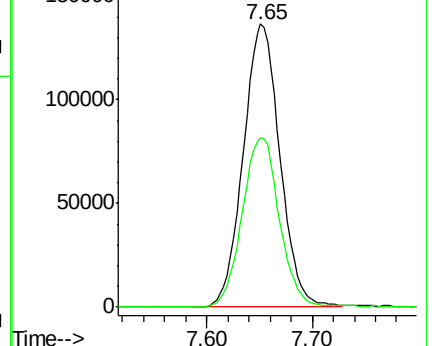
168 100

99 59.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 20.979 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058062.D

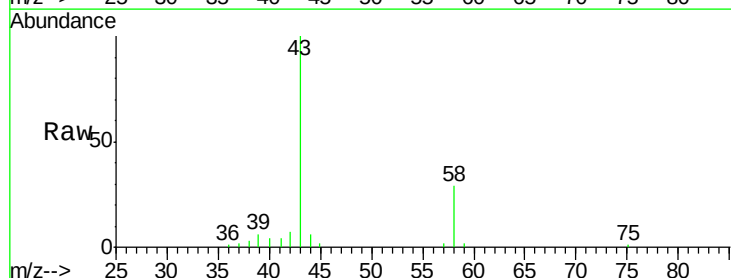
Acq: 14 Sep 2019 9:17

Tgt Ion: 43 Resp: 45990

Ion Ratio Lower Upper

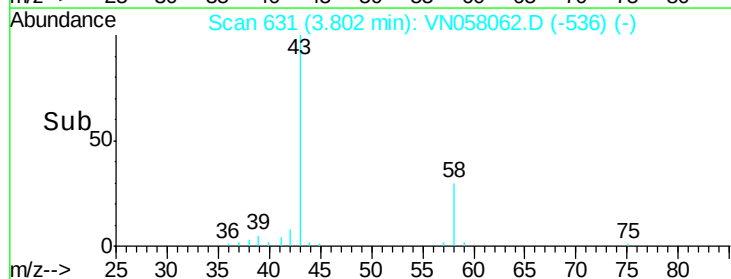
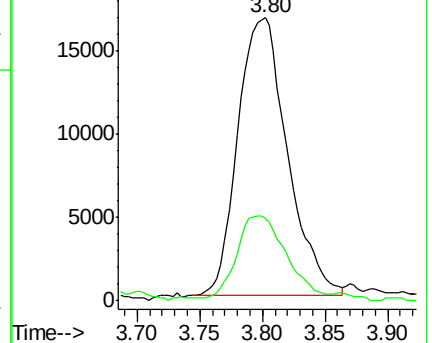
43 100

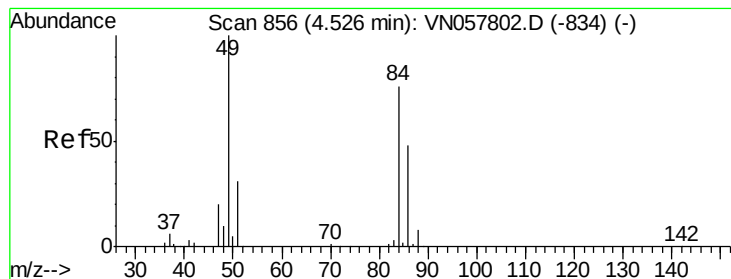
58 28.5 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 2.743 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :
MSVOA_N
ClientSampleId :
AOC-7-(6)

Tot Ion: 84 Resp: 16301

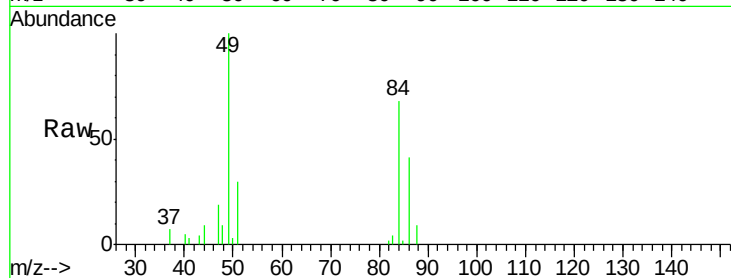
Ion Ratio Lower Upper

84 100

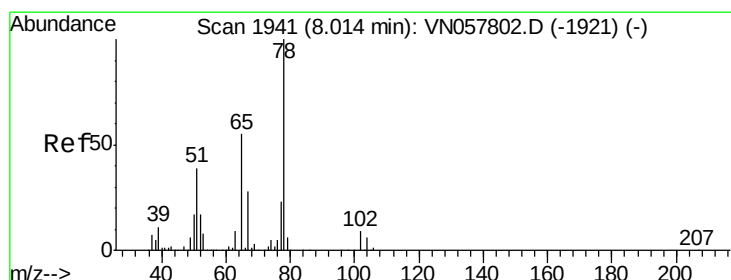
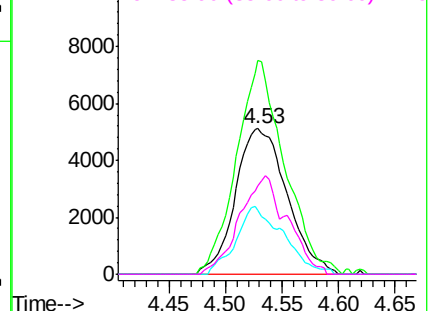
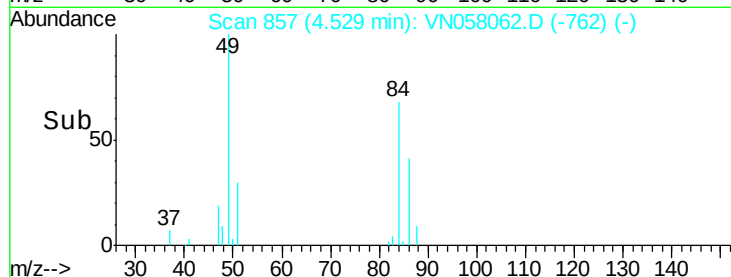
49 146.8 104.8 157.2

51 43.7 33.0 49.4

86 60.4 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 57.488 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058062.D

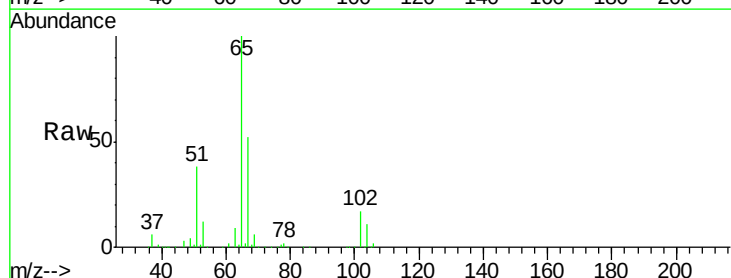
Acq: 14 Sep 2019 9:17

Tgt Ion: 65 Resp: 384431

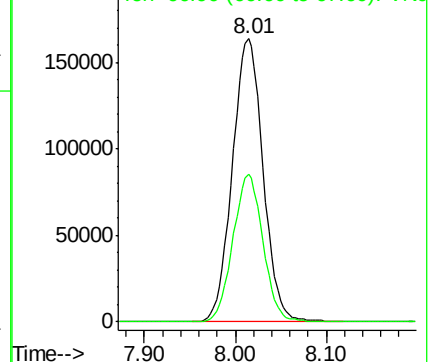
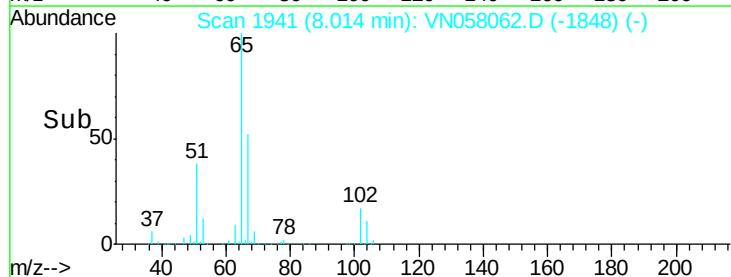
Ion Ratio Lower Upper

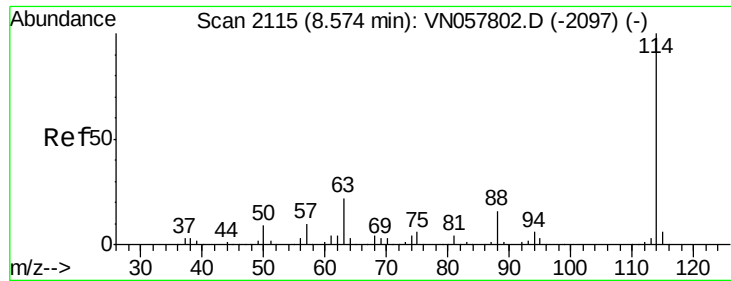
65 100

67 51.1 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

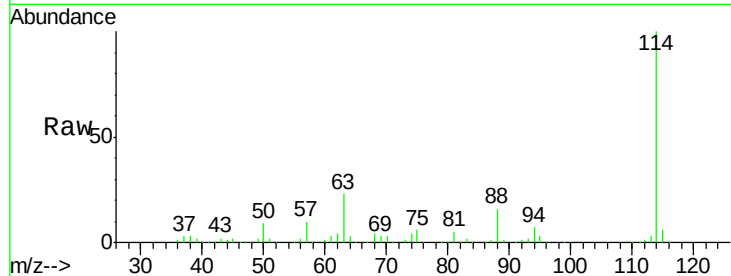




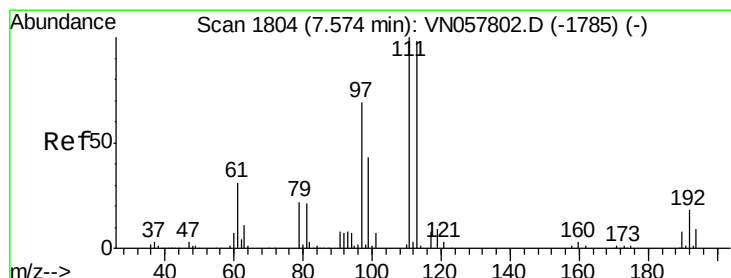
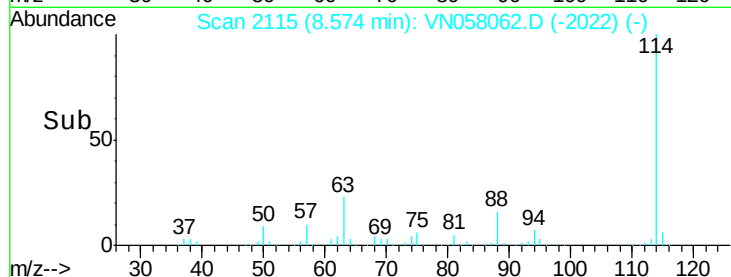
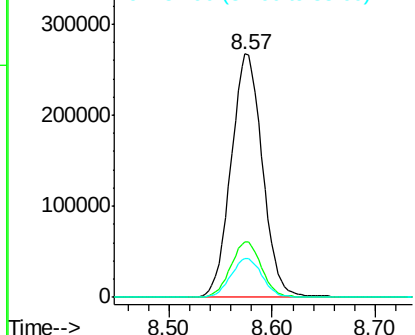
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058062.D
 Acq: 14 Sep 2019 9:17

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-7-(6)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.0
88	16.2	0.0	31.4

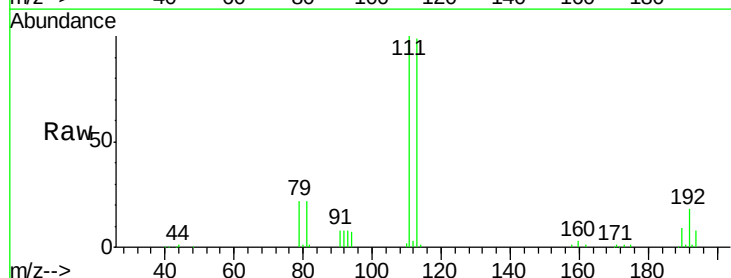


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

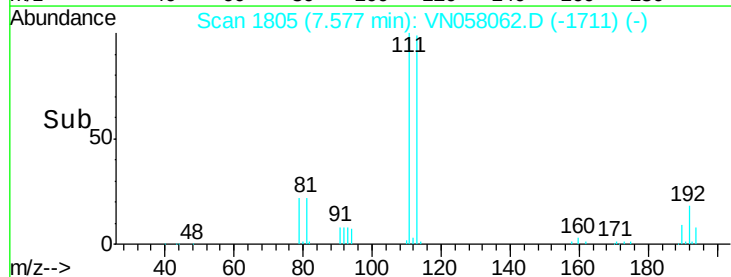
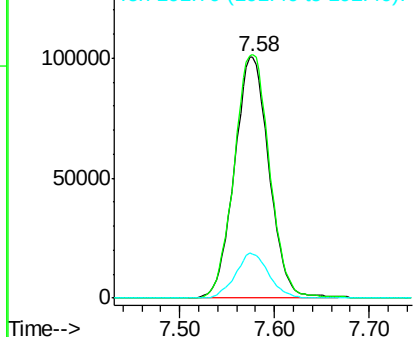


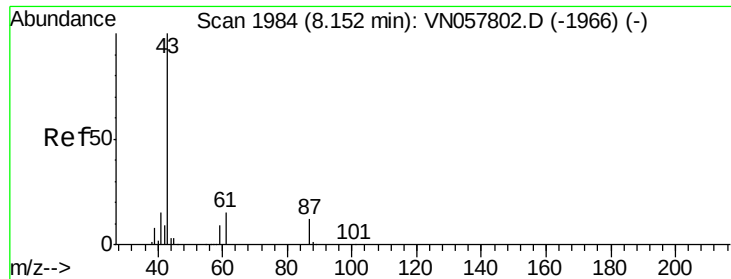
#35
 Dibromofluoromethane
 Concen: 48.908 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058062.D
 Acq: 14 Sep 2019 9:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	17.9	14.6	22.0



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





#43

Isopropyl Acetate

Concen: 14.125 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

ClientSampled :

AOC-7-(6)

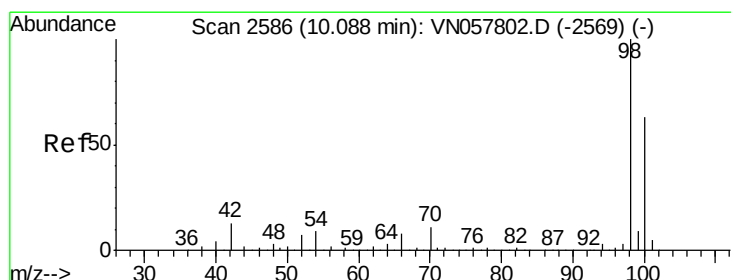
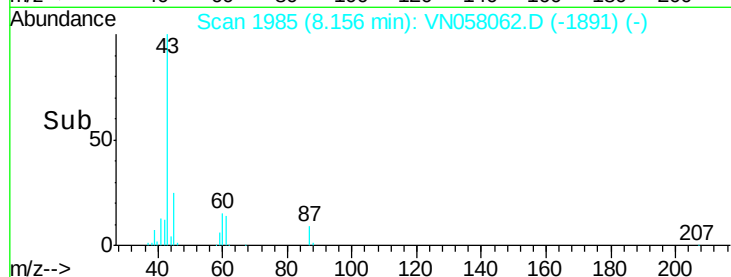
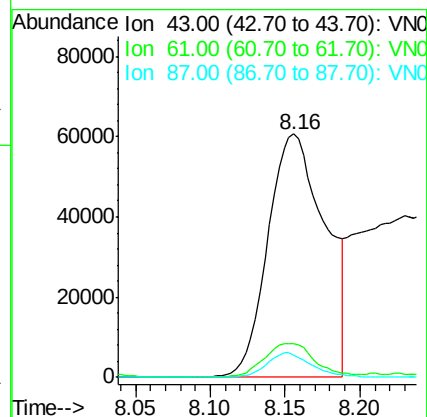
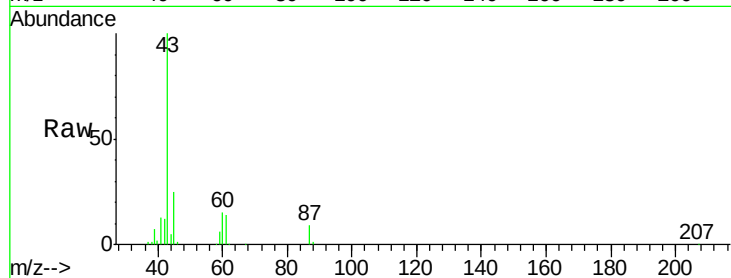
Tot Ion: 43 Resp: 161446

Ion Ratio Lower Upper

43 100

61 12.5 20.1 30.1#

87 7.7 9.5 14.3#



#50

Toluene-d8

Concen: 52.019 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058062.D

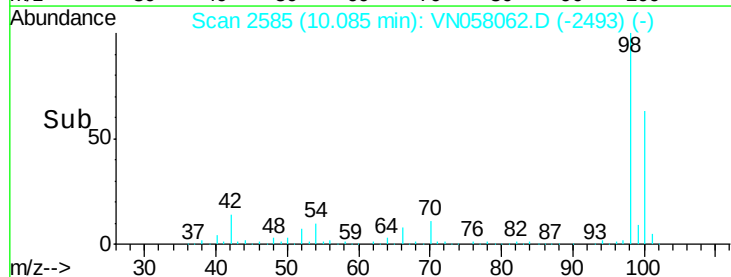
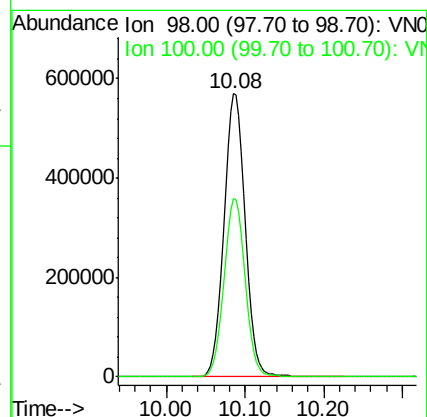
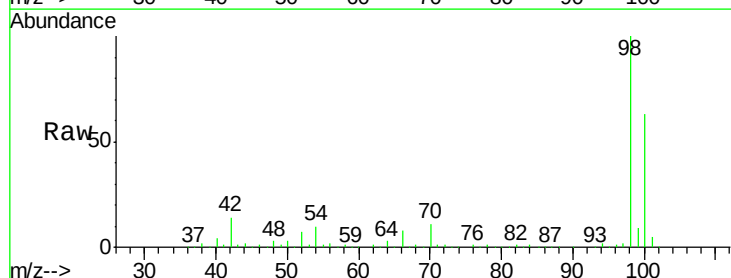
Acq: 14 Sep 2019 9:17

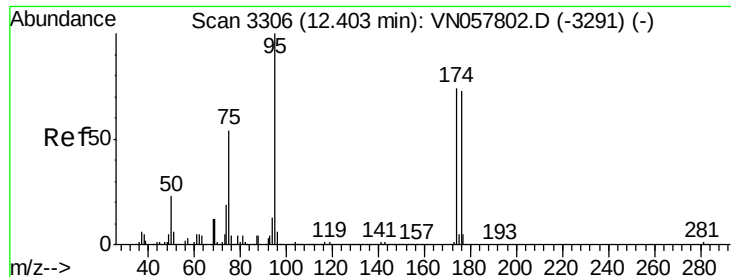
Tgt Ion: 98 Resp: 1057360

Ion Ratio Lower Upper

98 100

100 62.7 50.3 75.5

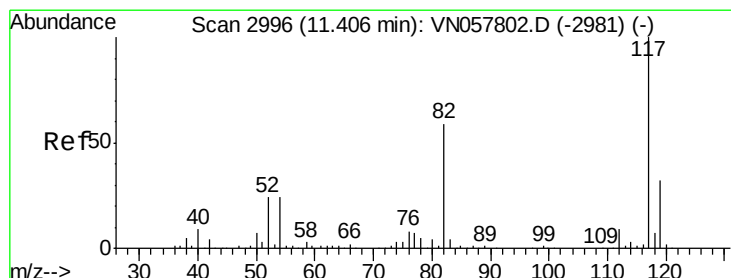
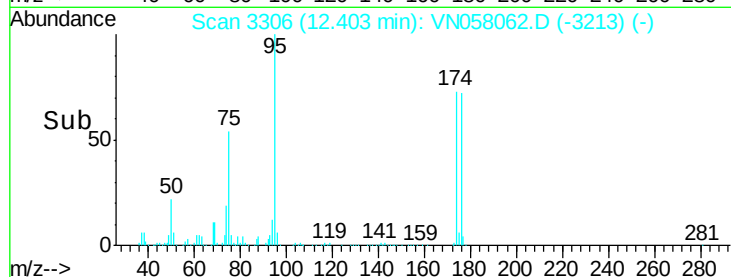
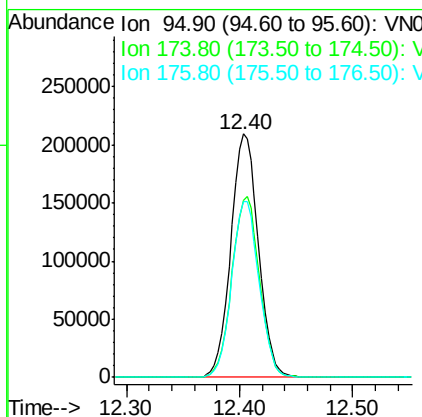
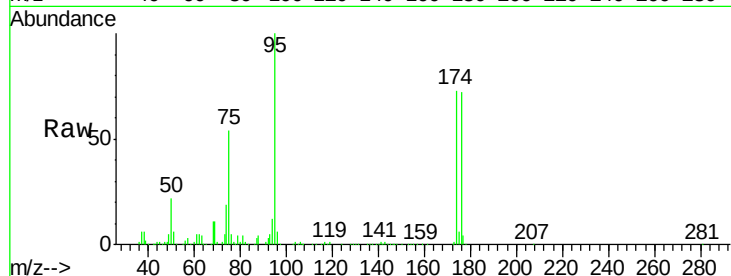




#62
4-Bromofluorobenzene
Concen: 45.825 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058062.D
Acq: 14 Sep 2019 9:17

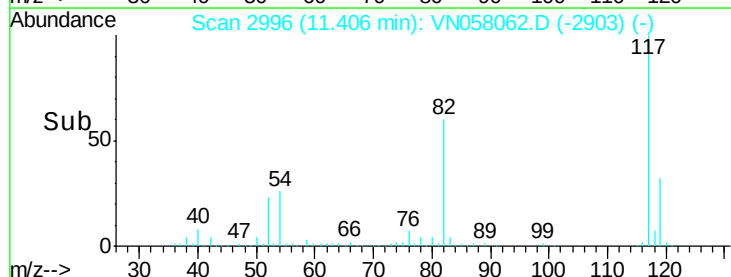
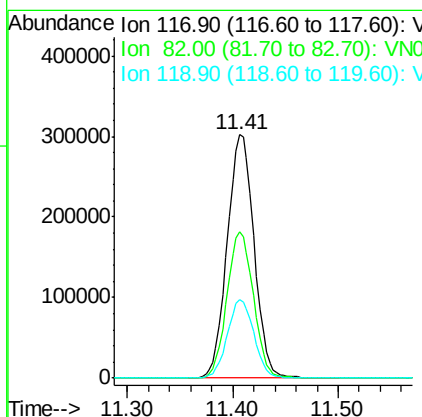
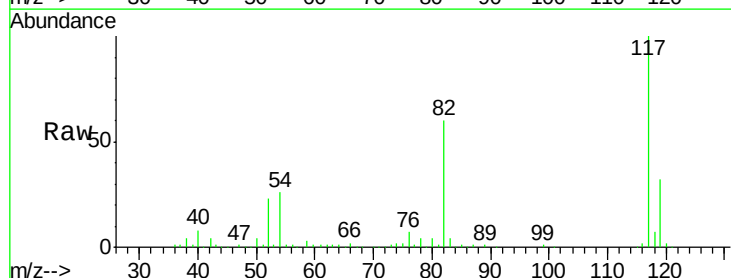
Instrument :
MSVOA_N
ClientSampled :
AOC-7-(6)

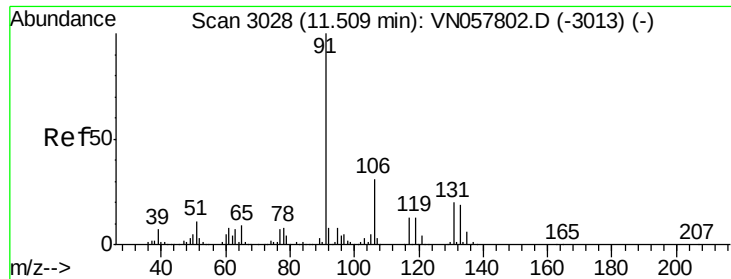
Tot Ion: 95 Resp: 354965
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.2
176 72.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058062.D
Acq: 14 Sep 2019 9:17

Tgt Ion: 117 Resp: 532650
Ion Ratio Lower Upper
117 100
82 59.9 47.2 70.8
119 32.1 25.3 37.9





#67

Ethyl Benzene

Concen: 3.190 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

ClientSampled :

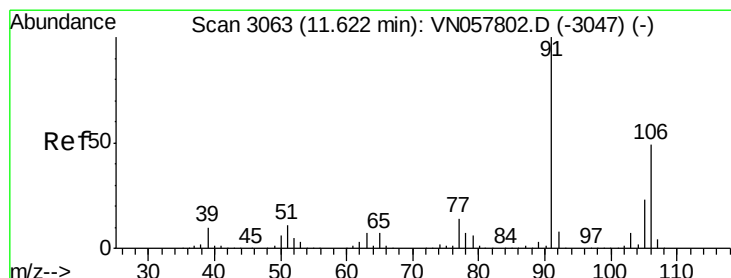
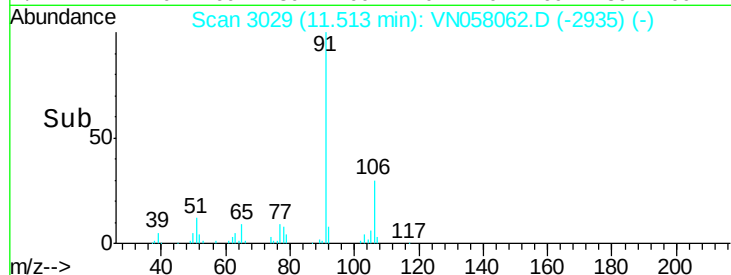
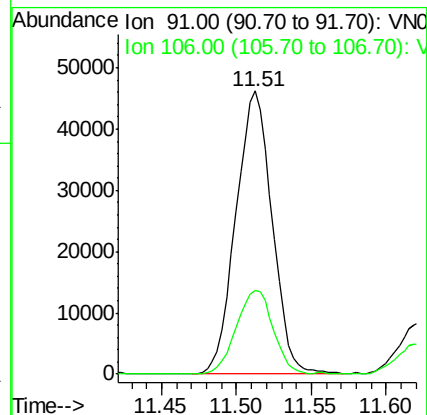
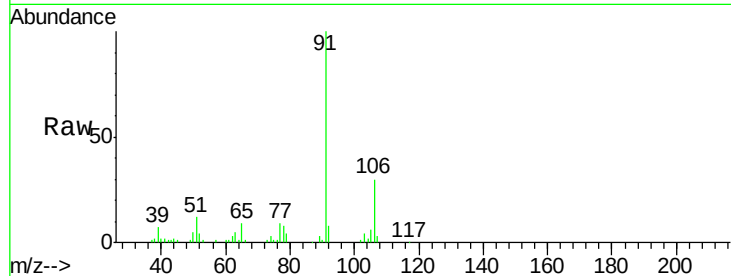
AOC-7-(6)

Tot Ion: 91 Resp: 77937

Ion Ratio Lower Upper

91 100

106 29.8 24.4 36.6



#68

m/p-Xylenes

Concen: 1.093 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN058062.D

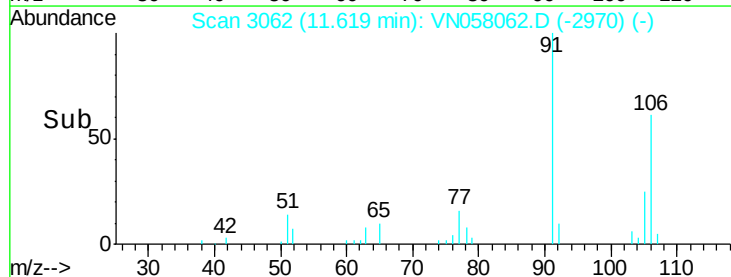
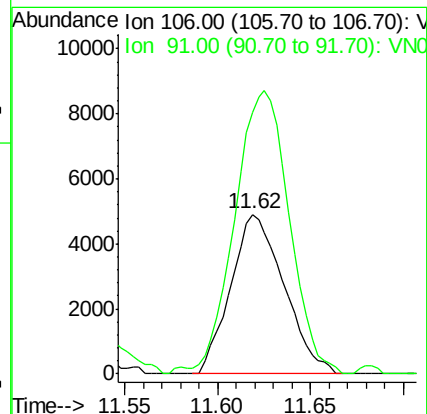
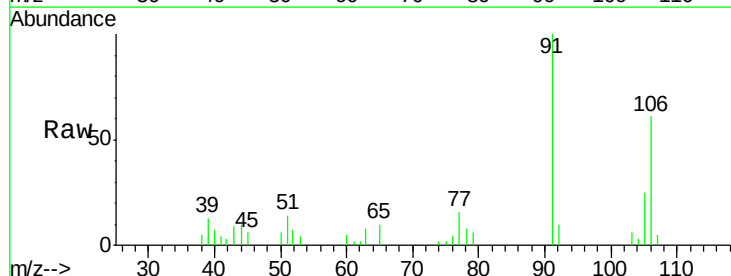
Acq: 14 Sep 2019 9:17

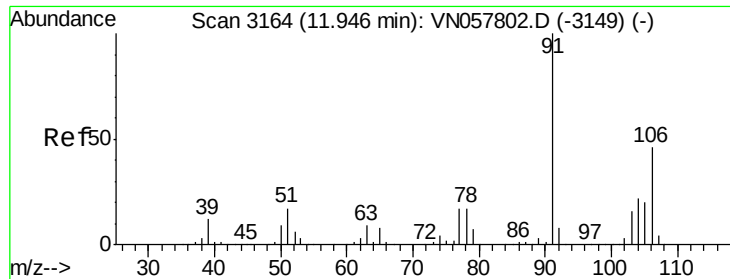
Tgt Ion: 106 Resp: 9782

Ion Ratio Lower Upper

106 100

91 182.5 165.8 248.6

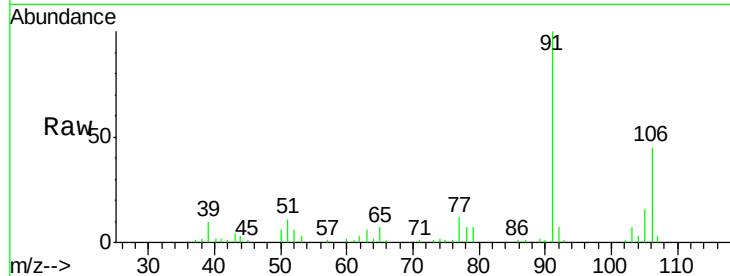




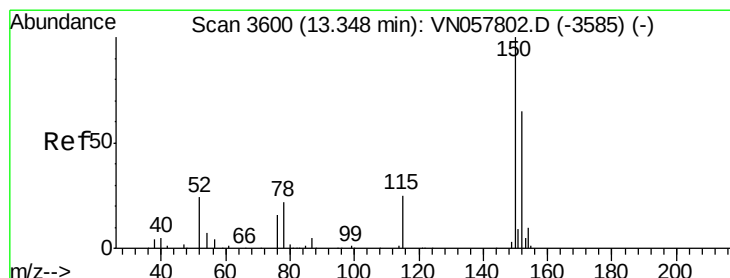
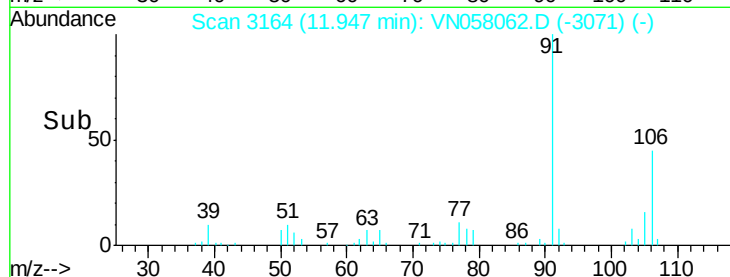
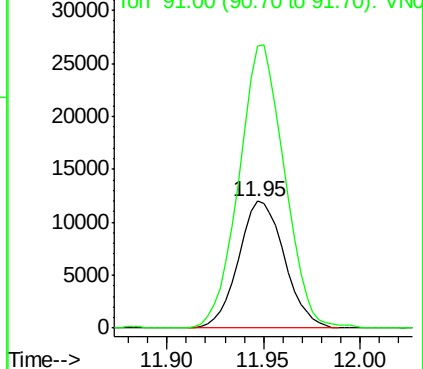
#69
o-Xylene
Concen: 2.227 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN058062.D
Acq: 14 Sep 2019 9:17

Instrument :
MSVOA_N
ClientSampled :
AOC-7-(6)

Tot Ion:106 Resp: 19808
Ion Ratio Lower Upper
106 100
91 221.7 108.7 326.1

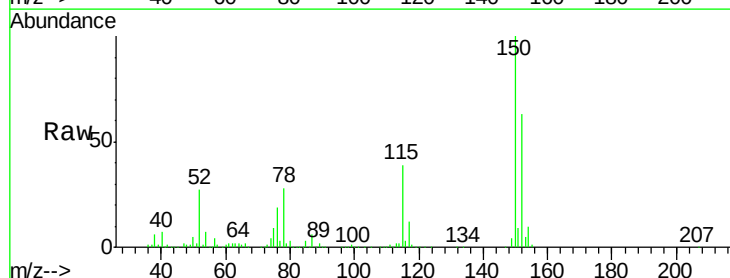


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

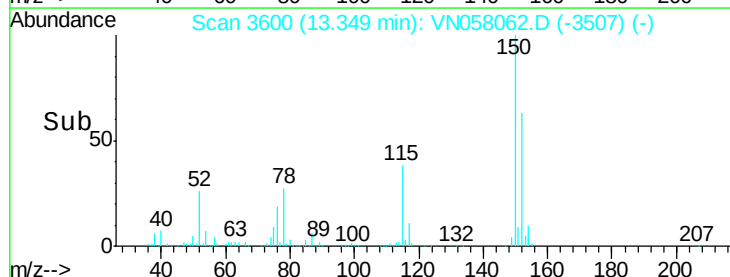
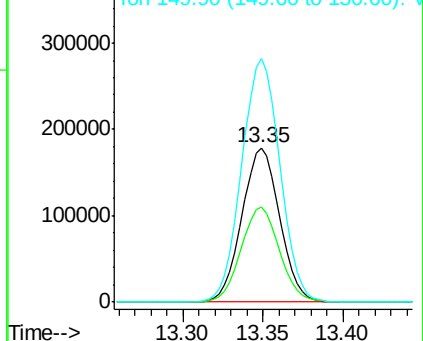


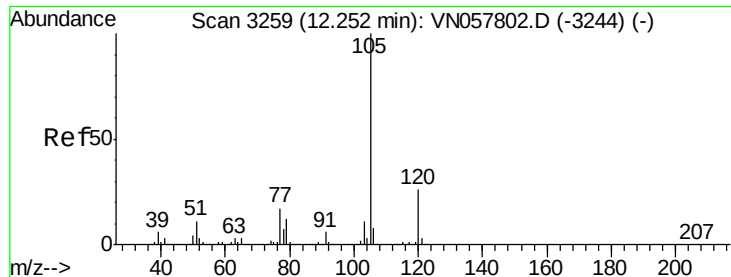
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058062.D
Acq: 14 Sep 2019 9:17

Tgt Ion:152 Resp: 288097
Ion Ratio Lower Upper
152 100
115 62.2 30.3 91.0
150 160.7 0.0 352.4



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





#73

Isopropylbenzene

Concen: 1.942 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

ClientSampled :

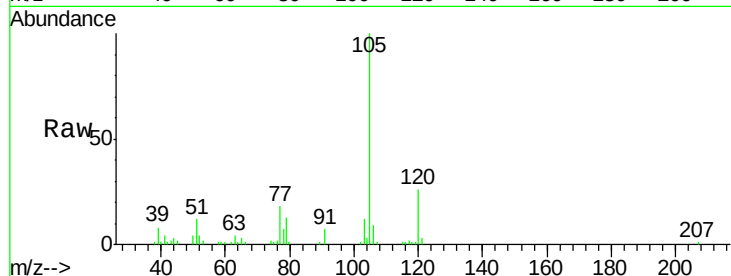
AOC-7-(6)

Tot Ion:105 Resp: 43424

Ion Ratio Lower Upper

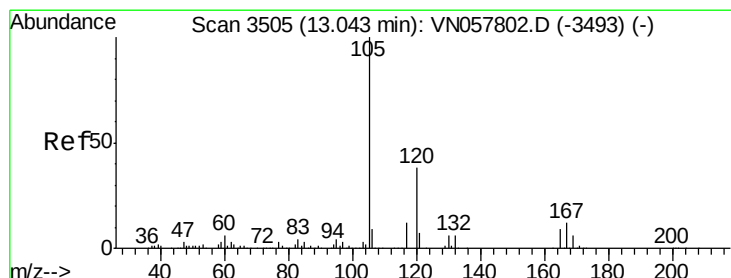
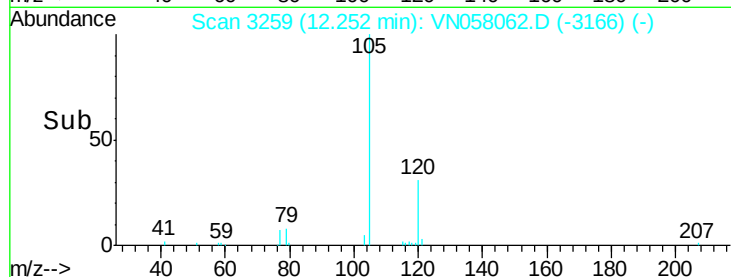
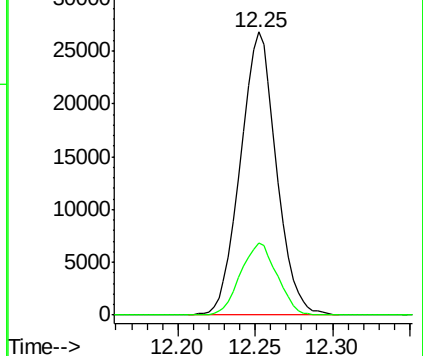
105 100

120 25.8 12.8 38.4



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: 3.532 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN058062.D

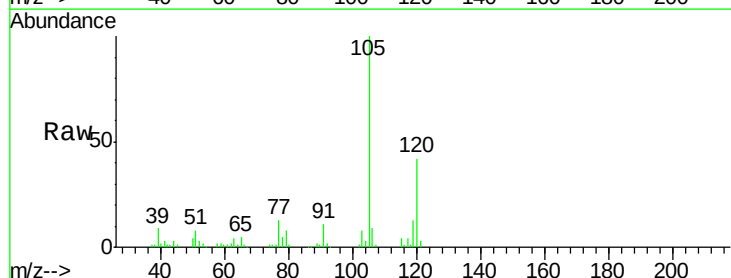
Acq: 14 Sep 2019 9:17

Tgt Ion:105 Resp: 67801

Ion Ratio Lower Upper

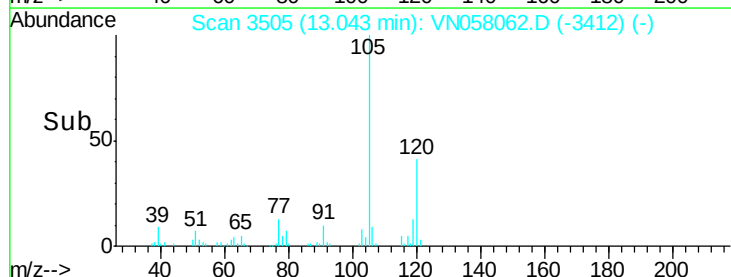
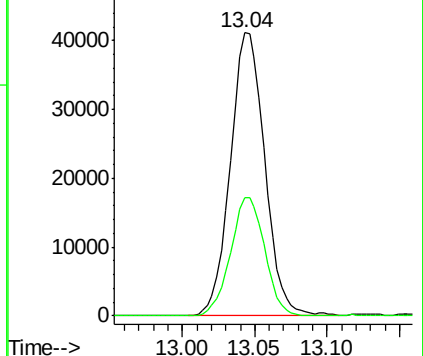
105 100

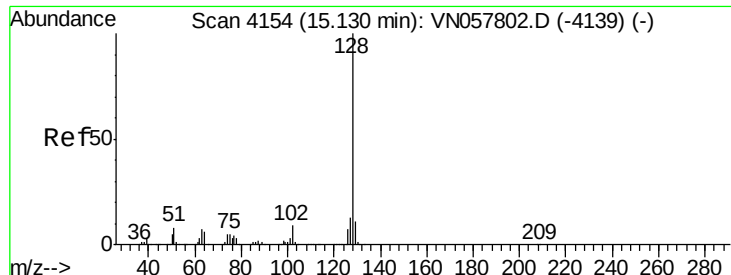
120 41.3 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 31.175 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN058062.D

Acq: 14 Sep 2019 9:17

Instrument :

MSVOA_N

ClientSampleId :

AOC-7-(6)

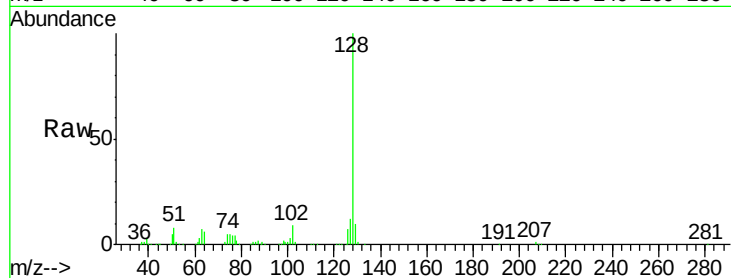
Tot Ion:128 Resp: 535748

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.6 8.6 12.8



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

