

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058064.D
 Acq On : 14 Sep 2019 10:01
 Operator : JC/SP
 Sample : K4850-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-7(8)

Quant Time: Sep 16 06:00:39 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	335396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	589447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292393	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	390897	57.54	ug/l	0.00
Spiked Amount			Recovery	=	115.08%	
35) Dibromofluoromethane	7.58	113	265489	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	10.09	98	1090477	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.40	95	366972	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	

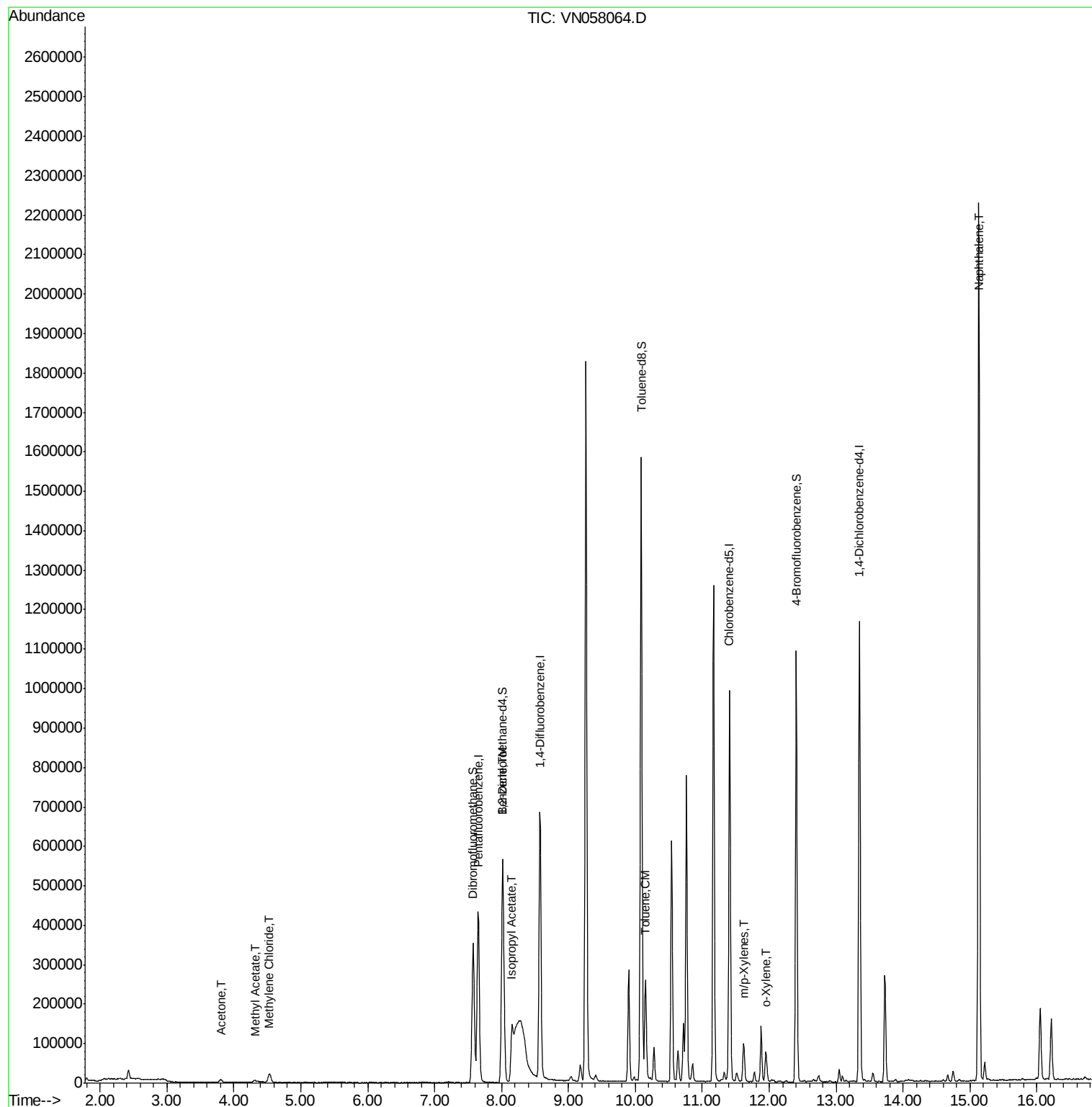
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	11728	5.266	ug/l #	84
18) Methyl Acetate	4.31	43	9617	1.620	ug/l #	81
20) Methylene Chloride	4.54	84	15839	2.568	ug/l	97
40) Benzene	8.03	78	173319	8.421	ug/l	96
43) Isopropyl Acetate	8.16	43	195634	16.471	ug/l #	78
52) Toluene	10.15	92	108047	8.335	ug/l	98
68) m/p-Xylenes	11.62	106	29919	3.291	ug/l	99
69) o-Xylene	11.95	106	18170	2.011	ug/l	93
95) Naphthalene	15.13	128	1762126	104.665	ug/l	100

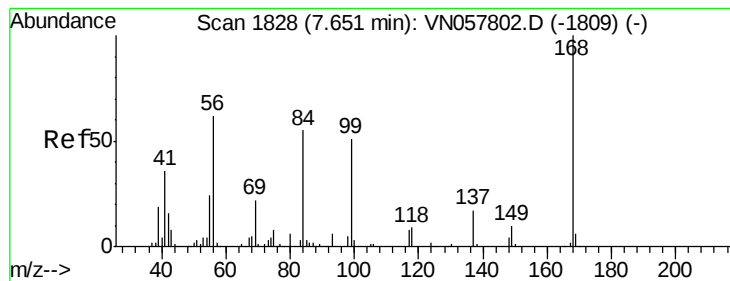
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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AOC-7(8)

Quant Time: Sep 16 06:00:39 2019
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# 1829

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

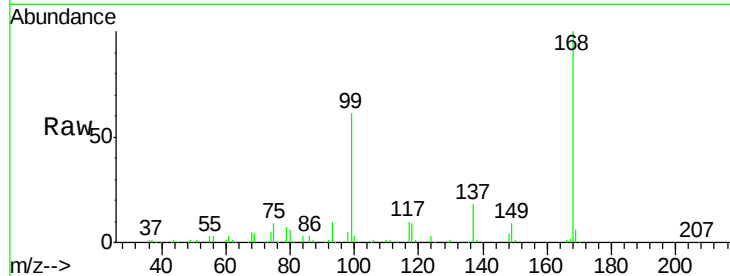
AOC-7(8)

Tot Ion:168 Resp: 335396

Ion Ratio Lower Upper

168 100

99 61.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

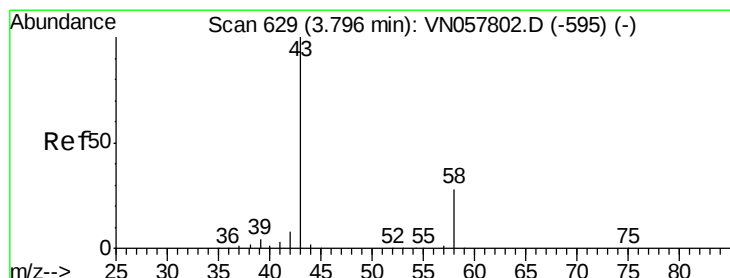
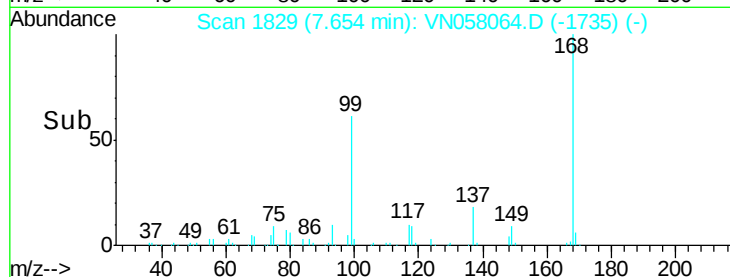
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.266 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058064.D

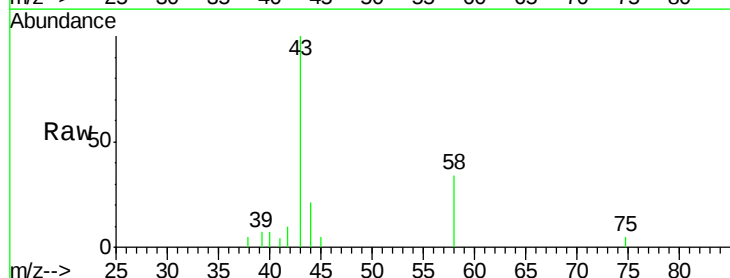
Acq: 14 Sep 2019 10:01

Tgt Ion: 43 Resp: 11728

Ion Ratio Lower Upper

43 100

58 36.2 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

5000

4000

3000

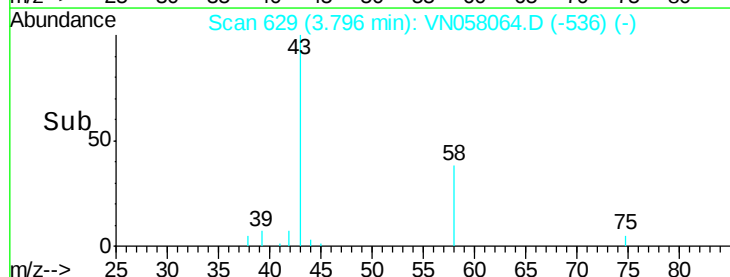
2000

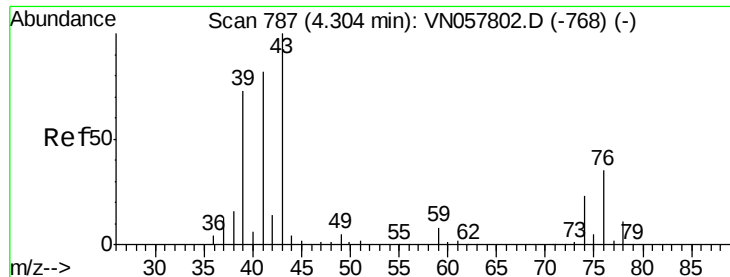
1000

0

3.75 3.80 3.85

Time-->





#18

Methyl Acetate

Concen: 1.620 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

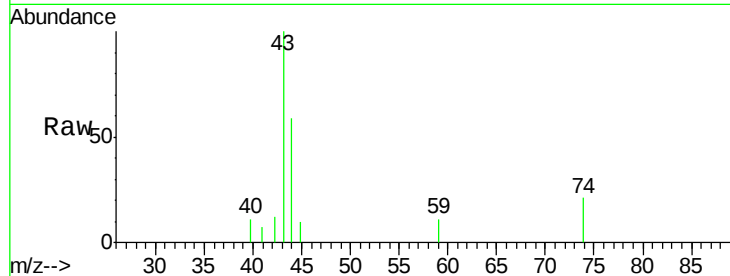
AOC-7(8)

Tot Ion: 43 Resp: 9617

Ion Ratio Lower Upper

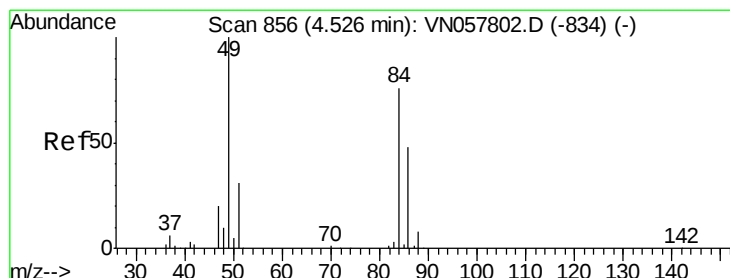
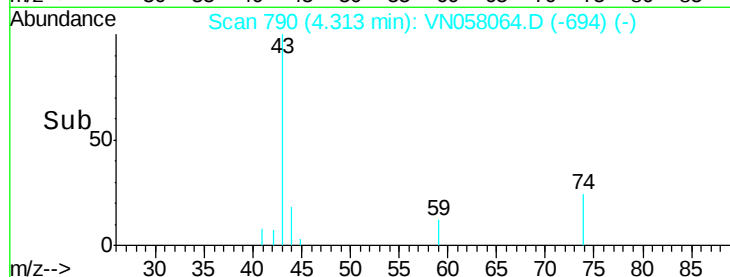
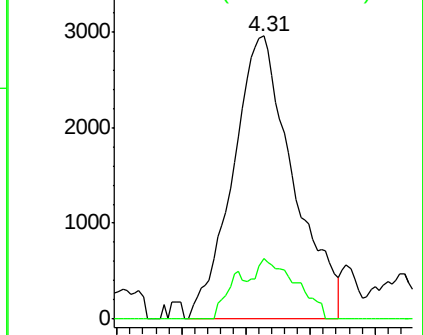
43 100

74 13.2 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO



#20

Methylene Chloride

Concen: 2.568 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.01 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Tgt Ion: 84 Resp: 15839

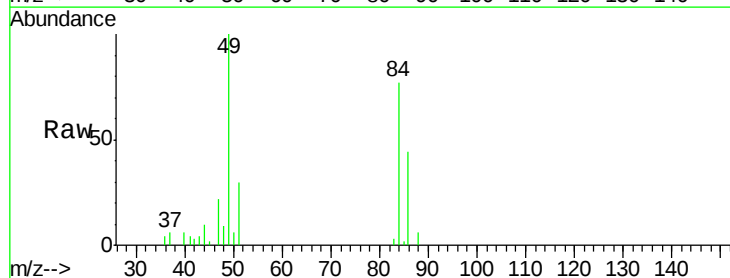
Ion Ratio Lower Upper

84 100

49 130.0 104.8 157.2

51 39.5 33.0 49.4

86 57.2 50.5 75.7

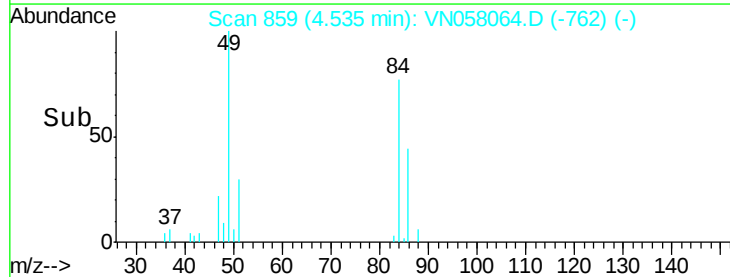
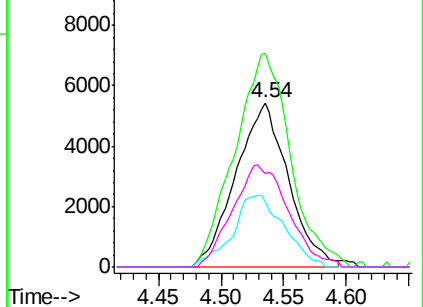


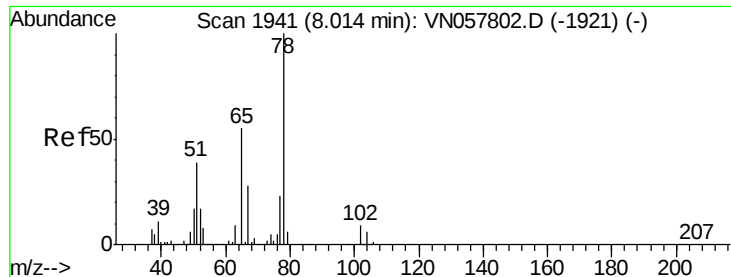
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

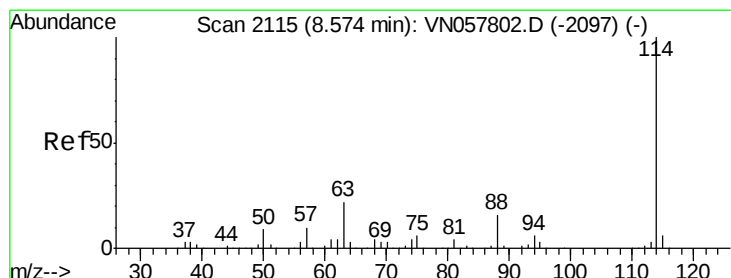
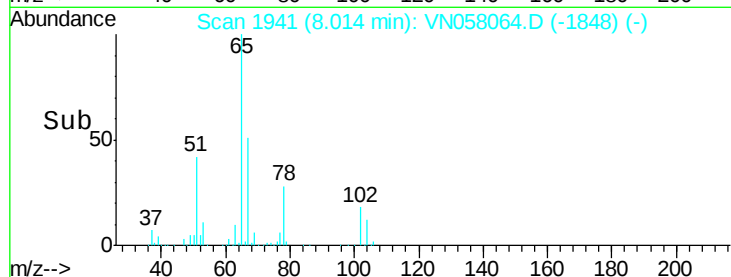
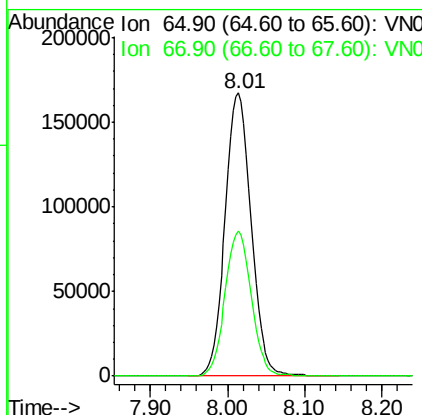
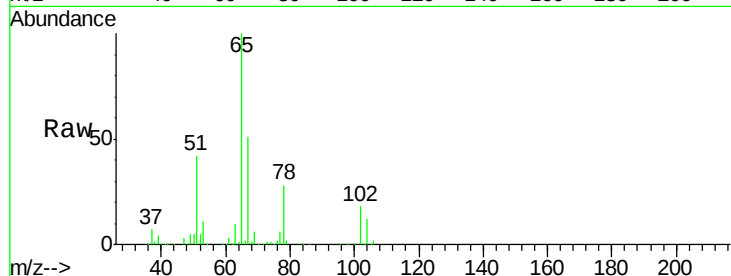




#33
 1,2-Dichloroethane-d4
 Concen: 57.543 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058064.D
 Acq: 14 Sep 2019 10:01

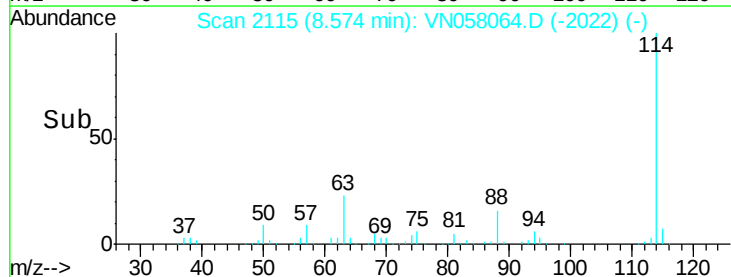
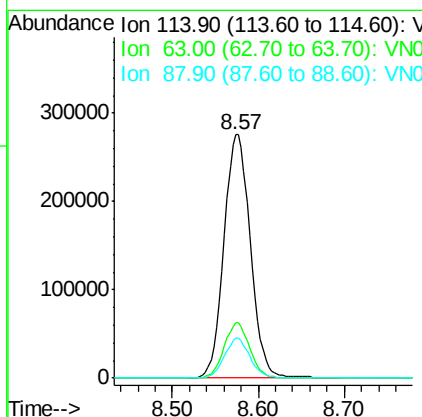
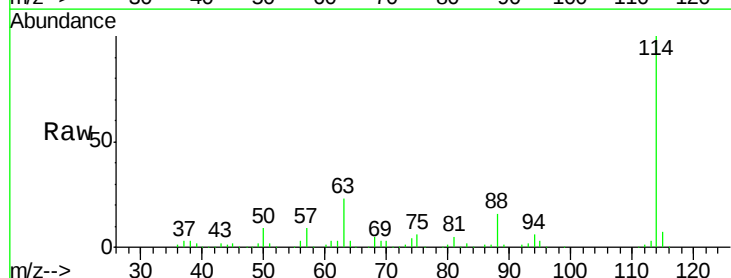
Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-7(8)

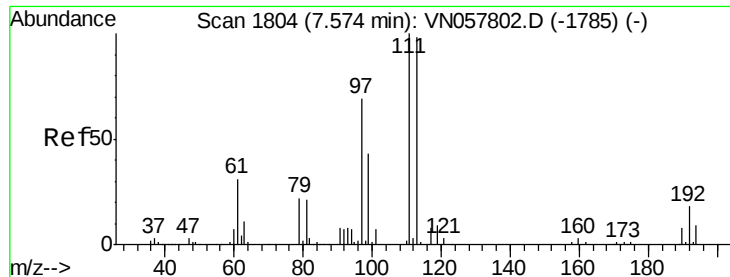
Tot Ion: 65 Resp: 390897
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058064.D
 Acq: 14 Sep 2019 10:01

Tgt Ion: 114 Resp: 589447
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.0
 88 16.5 0.0 31.4

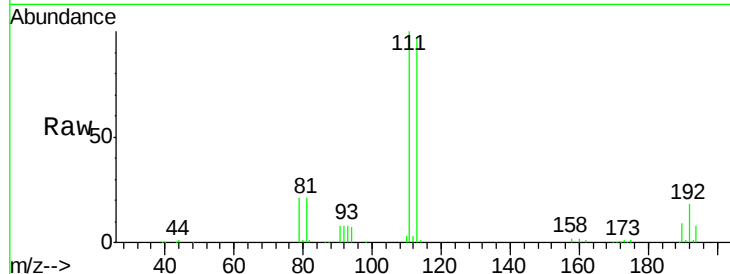




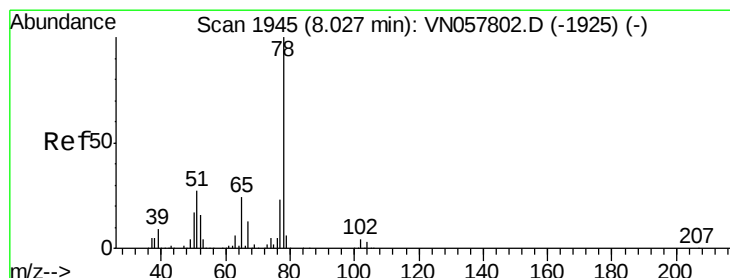
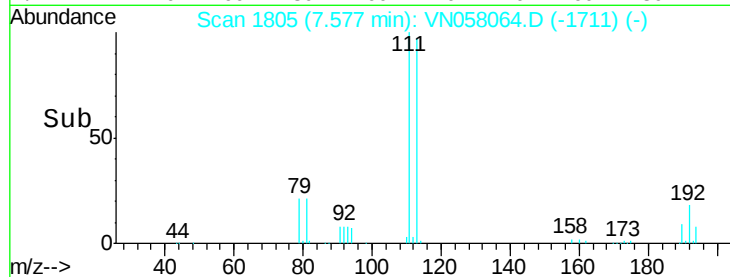
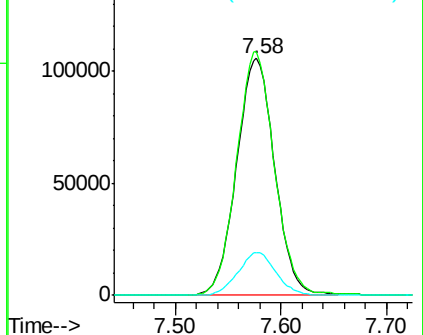
#35
 Dibromofluoromethane
 Concen: 48.800 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058064.D
 Acq: 14 Sep 2019 10:01

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-7-(8)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.3	121.9
192	18.1	14.6	22.0

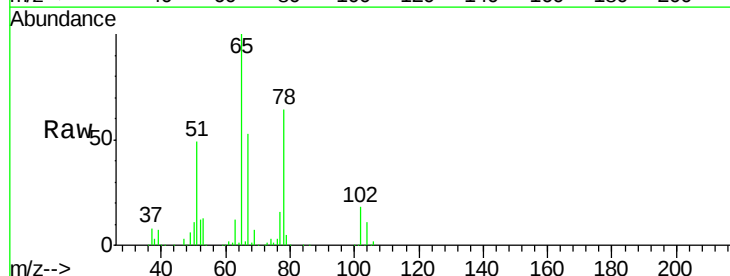


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

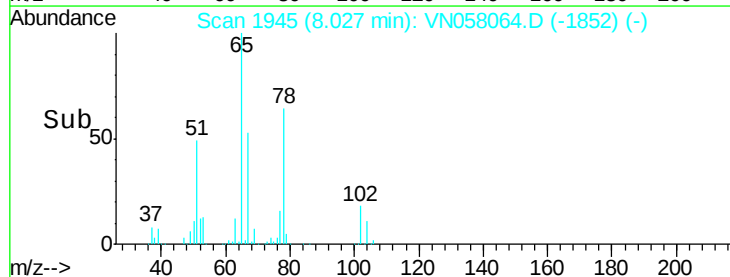
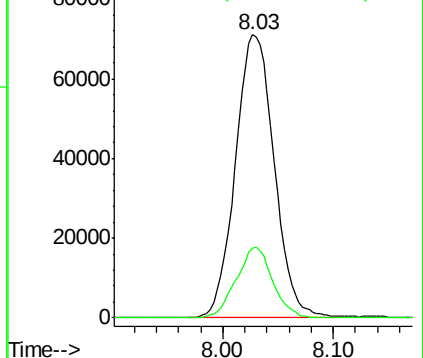


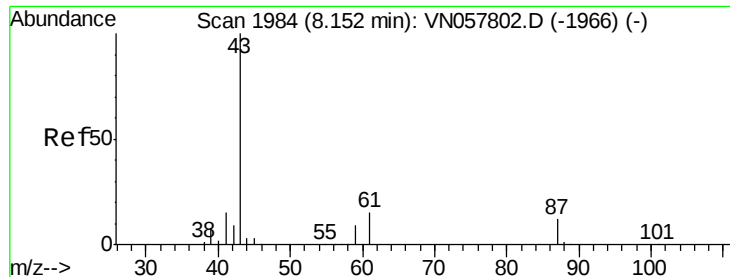
#40
 Benzene
 Concen: 8.421 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN058064.D
 Acq: 14 Sep 2019 10:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.3	27.5



Abundance Ion 78.00 (77.70 to 78.70): V
 Ion 77.00 (76.70 to 77.70): V





#43

Isopropyl Acetate

Concen: 16.471 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

AOC-7(8)

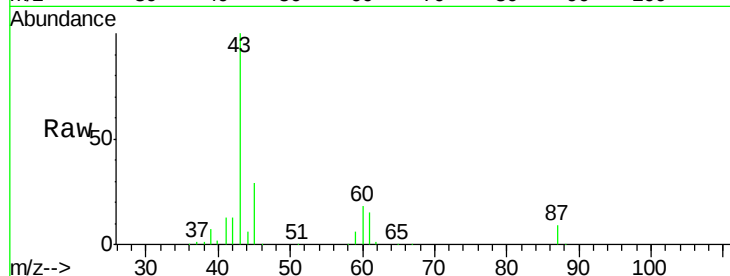
Tot Ion: 43 Resp: 195634

Ion Ratio Lower Upper

43 100

61 11.9 20.1 30.1#

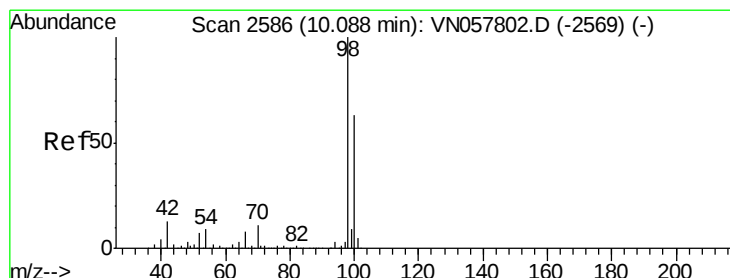
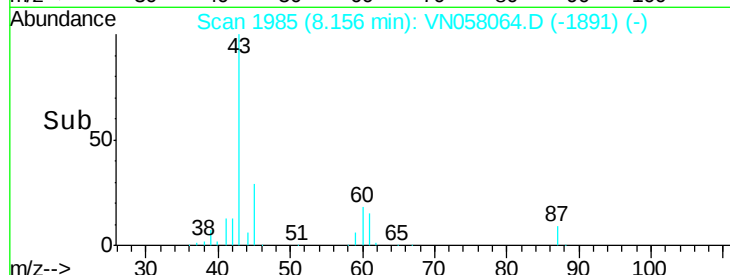
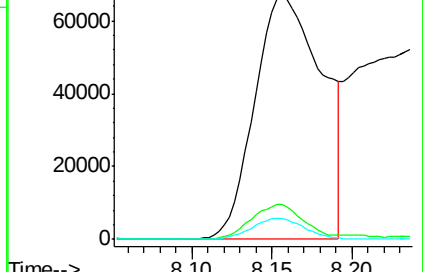
87 6.8 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#50

Toluene-d8

Concen: 51.627 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058064.D

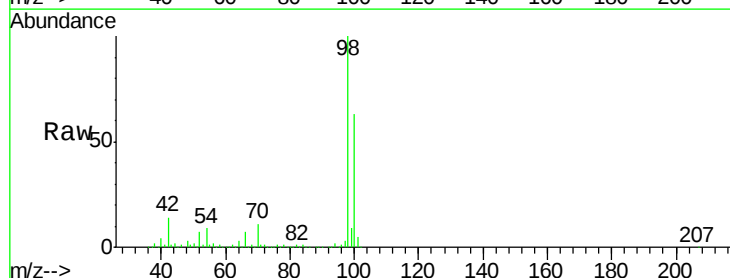
Acq: 14 Sep 2019 10:01

Tgt Ion: 98 Resp: 1090477

Ion Ratio Lower Upper

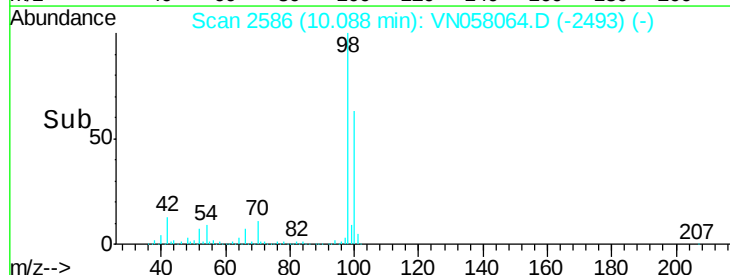
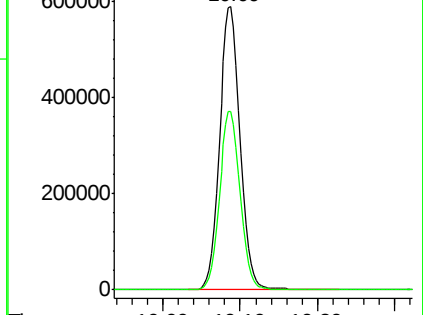
98 100

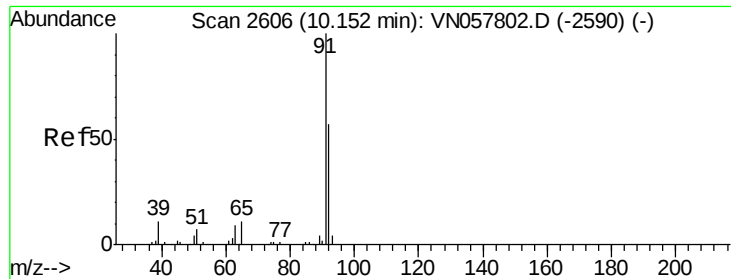
100 63.4 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)





#52

Toluene

Concen: 8.335 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

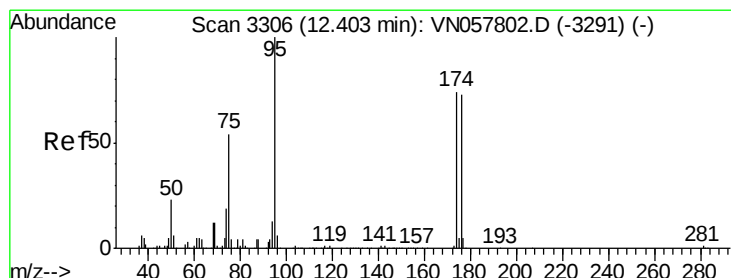
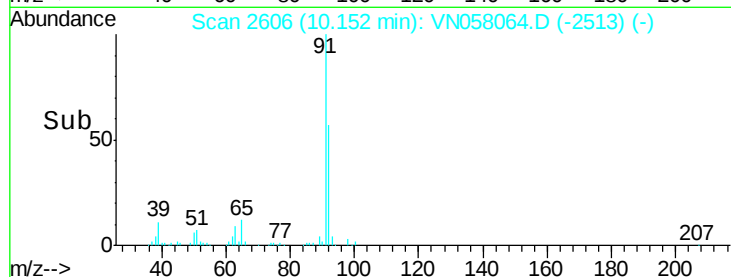
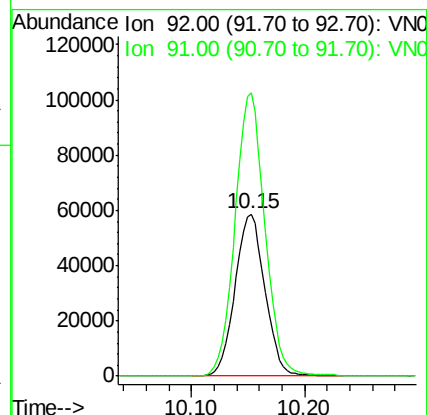
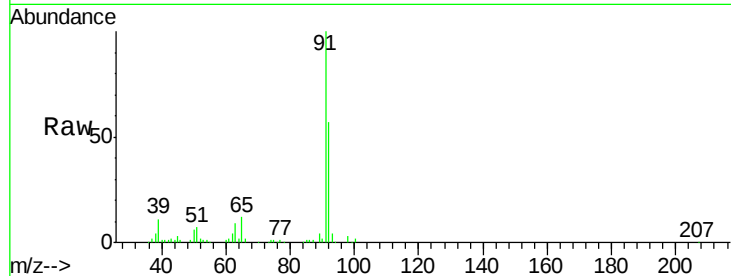
AOC-7(8)

Tot Ion: 92 Resp: 108047

Ion Ratio Lower Upper

92 100

91 173.7 141.0 211.6



#62

4-Bromofluorobenzene

Concen: 45.589 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

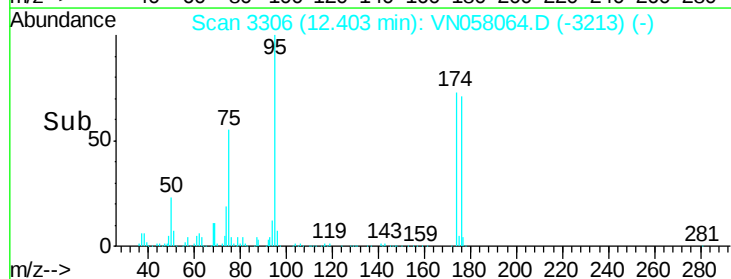
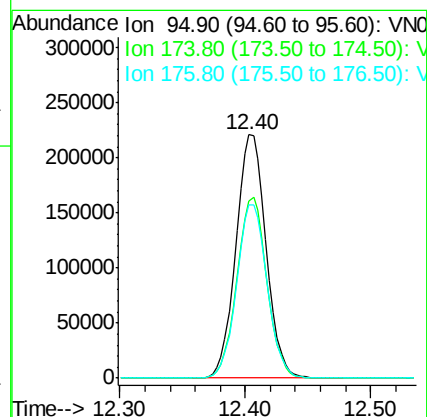
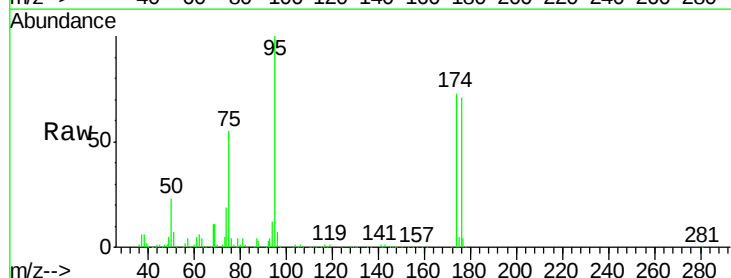
Tgt Ion: 95 Resp: 366972

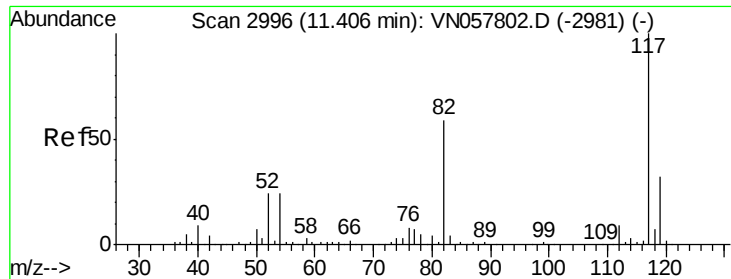
Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.2

176 72.3 0.0 146.0

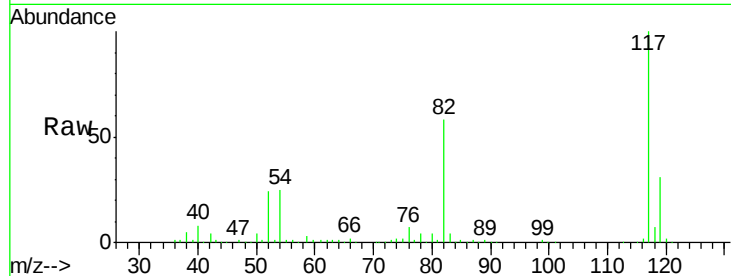




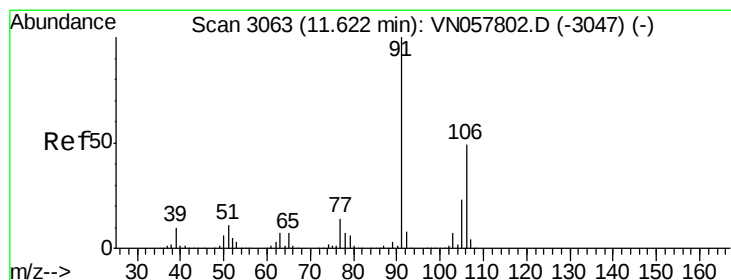
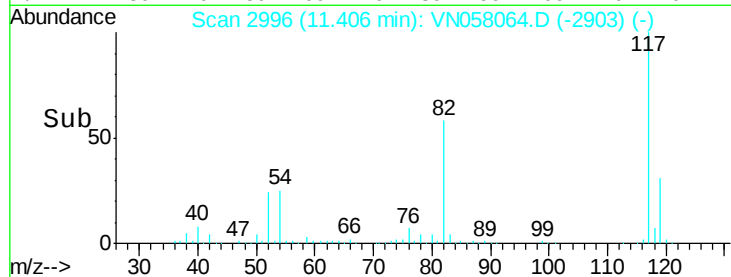
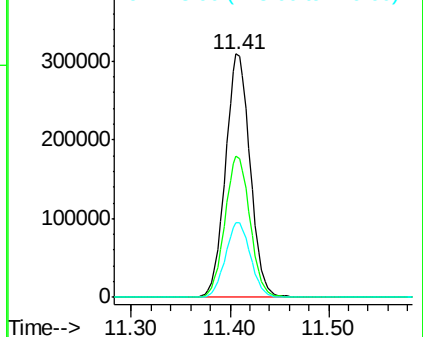
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

Instrument :
MSVOA_N
ClientSampled :
AOC-7(8)

Tot Ion:117 Resp: 541087
Ion Ratio Lower Upper
117 100
82 58.2 47.2 70.8
119 30.8 25.3 37.9

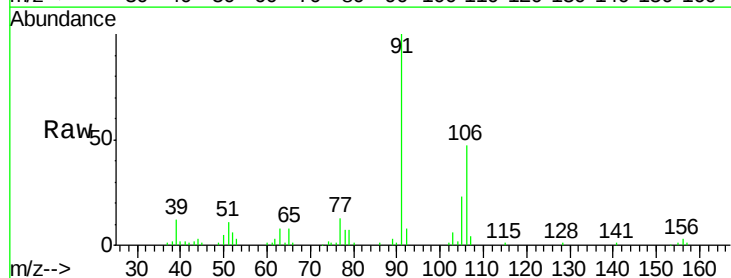


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

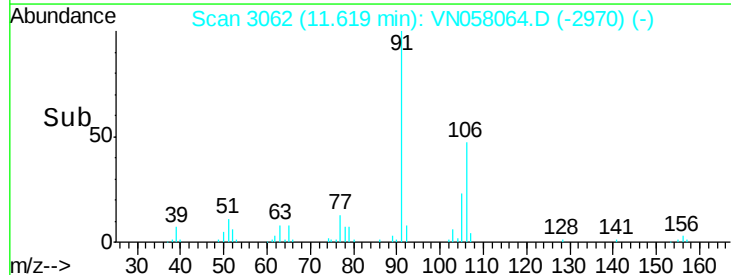
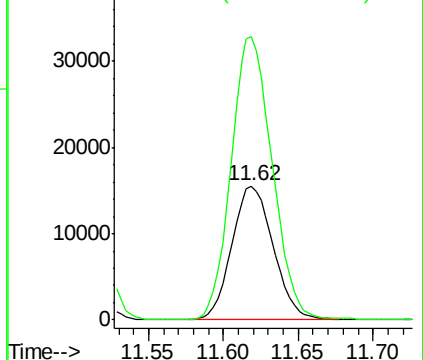


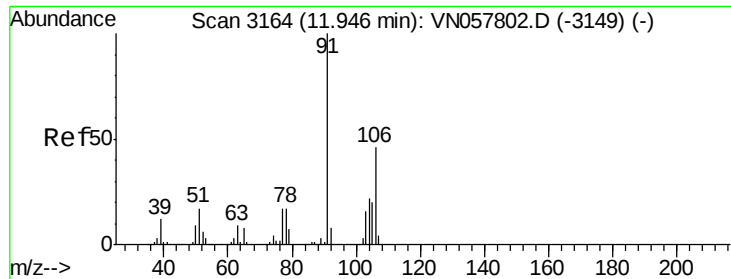
#68
m/p-Xylenes
Concen: 3.291 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

Tgt Ion:106 Resp: 29919
Ion Ratio Lower Upper
106 100
91 209.5 165.8 248.6



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

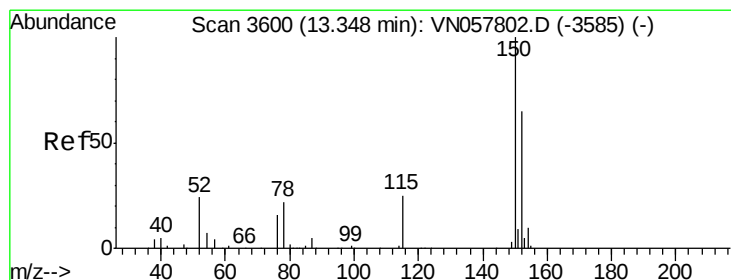
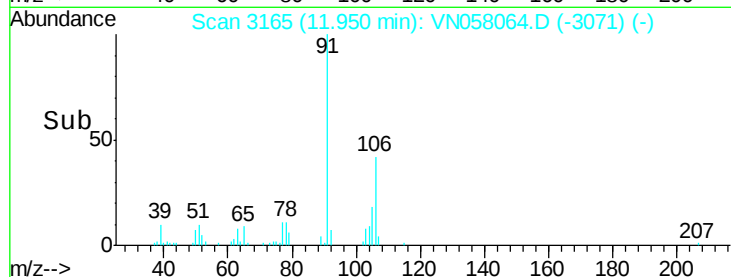
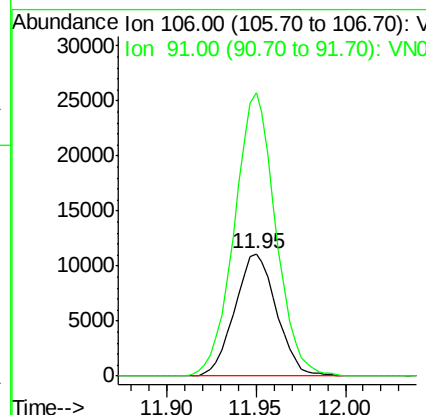
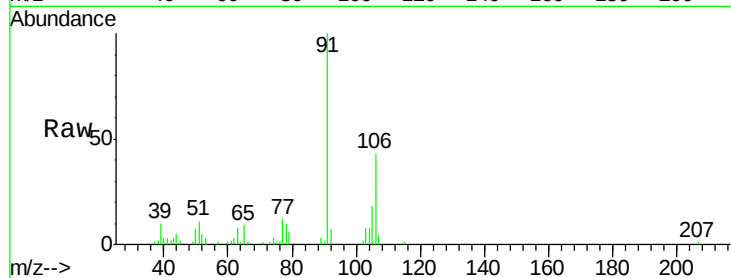




#69
o-Xylene
Concen: 2.011 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

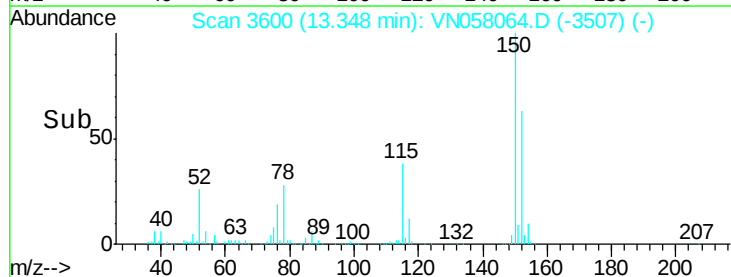
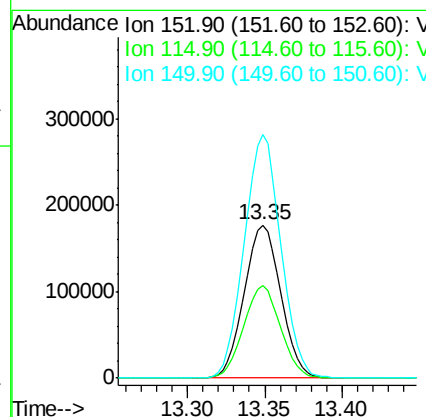
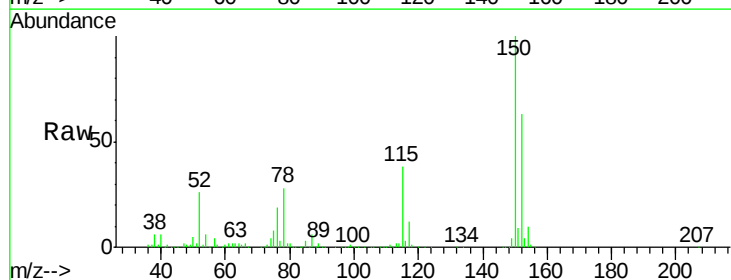
Instrument :
MSVOA_N
ClientSampled :
AOC-7(8)

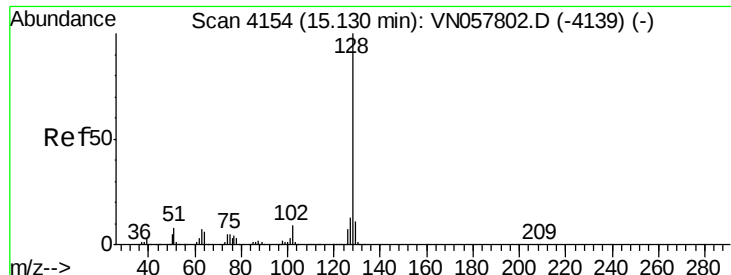
Tot Ion:106 Resp: 18170
Ion Ratio Lower Upper
106 100
91 228.0 108.7 326.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058064.D
Acq: 14 Sep 2019 10:01

Tgt Ion:152 Resp: 292393
Ion Ratio Lower Upper
152 100
115 60.8 30.3 91.0
150 159.1 0.0 352.4





#95

Naphthalene

Concen: 104.665 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058064.D

Acq: 14 Sep 2019 10:01

Instrument :

MSVOA_N

ClientSampleId :

AOC-7(8)

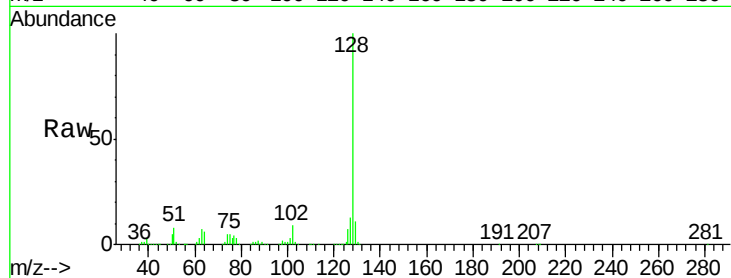
Tot Ion:128 Resp: 1762126

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 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

