

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056845.D
 Acq On : 19 Jul 2019 20:20
 Operator : JC/SP
 Sample : K3887-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-7(2)

Quant Time: Jul 20 00:35:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

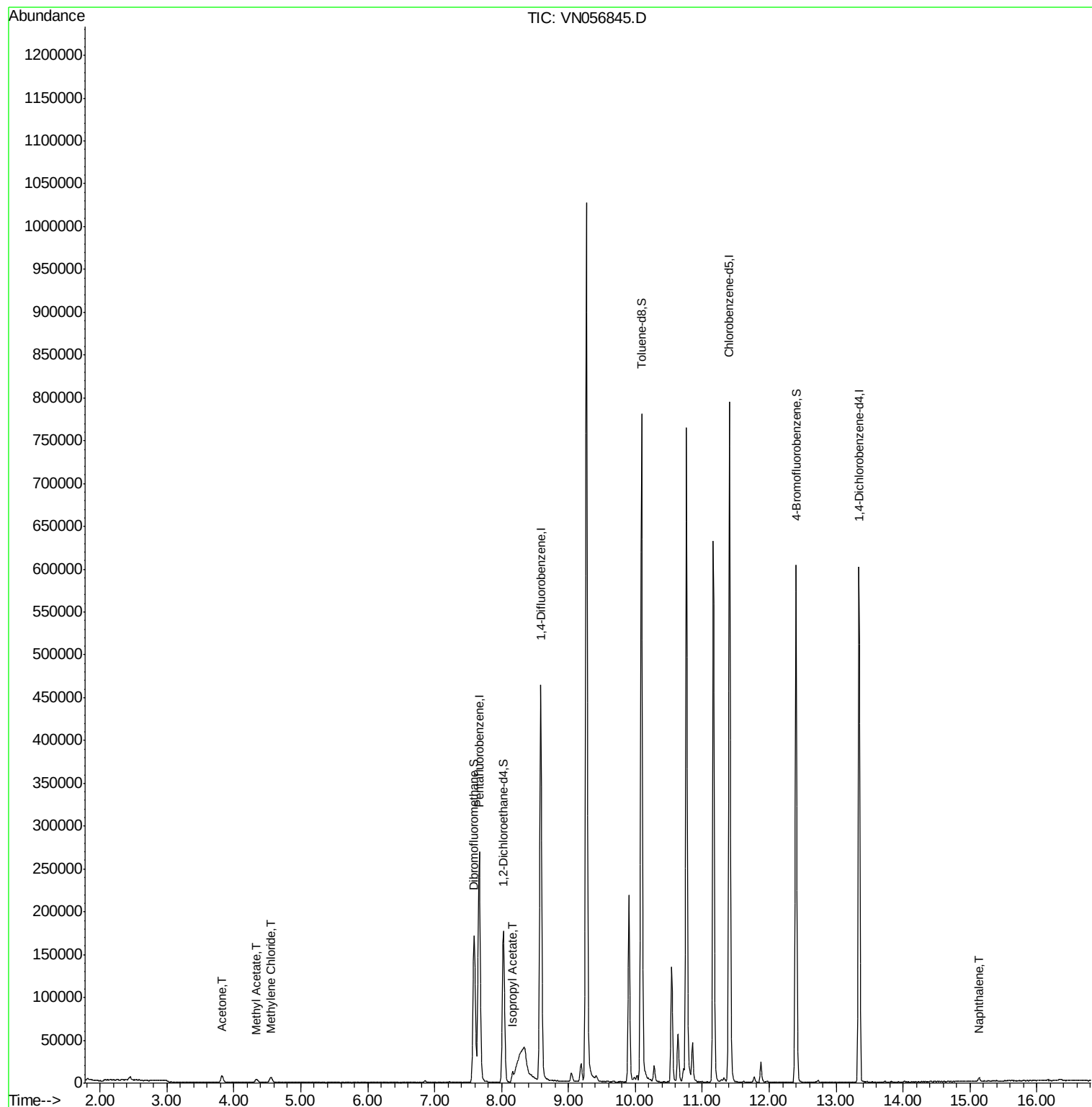
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	247643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	449928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	504264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	147095	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
35) Dibromofluoromethane	7.59	113	135327	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	576131	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.40	95	214588	58.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.68%	
Target Compounds						
16) Acetone	3.82	43	15772	12.494	ug/l	99
18) Methyl Acetate	4.33	43	7810	1.817	ug/l	98
20) Methylene Chloride	4.55	84	5242	1.900	ug/l	95
43) Isopropyl Acetate	8.17	43	15614	2.420	ug/l #	90
95) Naphthalene	15.14	128	5112	5.015	ug/l #	94

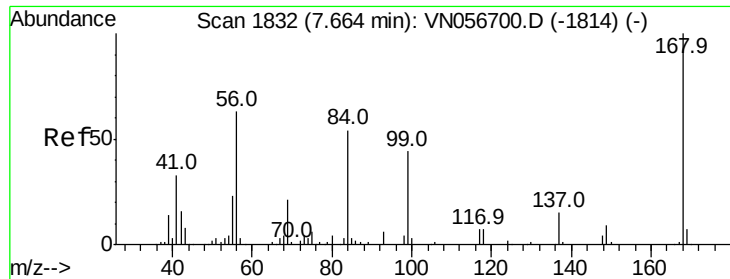
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056845.D

Acq: 19 Jul 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

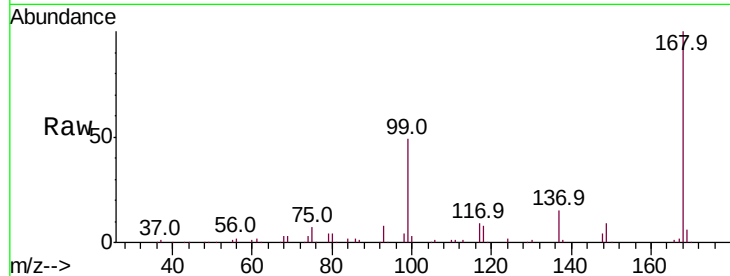
AOC-7(2)

Tot Ion:168 Resp: 247643

Ion Ratio Lower Upper

168 100

99 48.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

100000

80000

60000

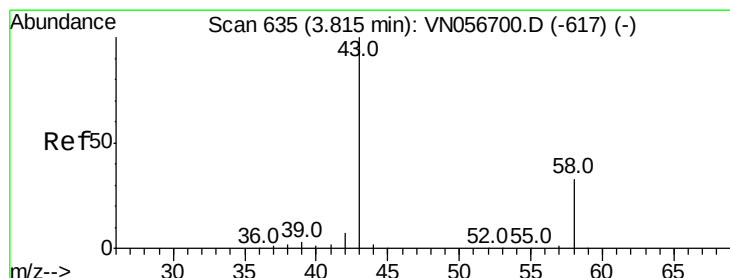
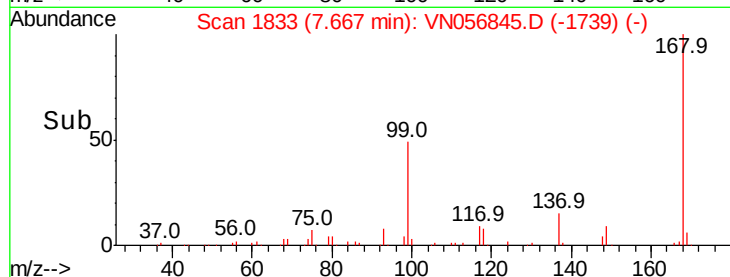
40000

20000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 12.494 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056845.D

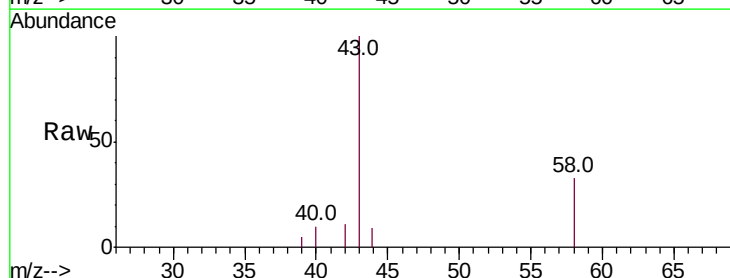
Acq: 19 Jul 2019 20:20

Tgt Ion: 43 Resp: 15772

Ion Ratio Lower Upper

43 100

58 32.6 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

6000

5000

4000

3000

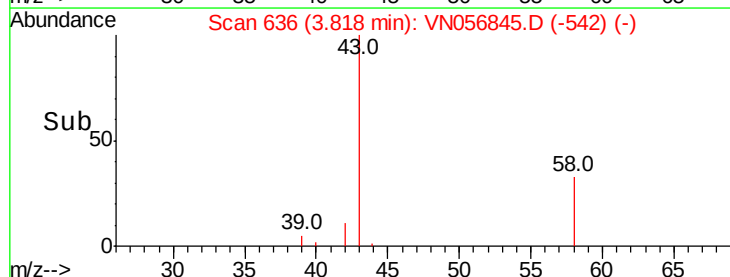
2000

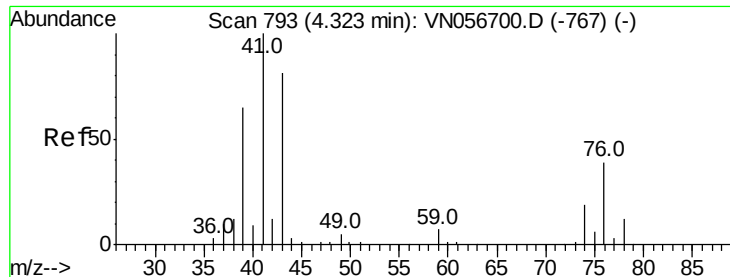
1000

0

Time-->

3.70 3.80 3.90

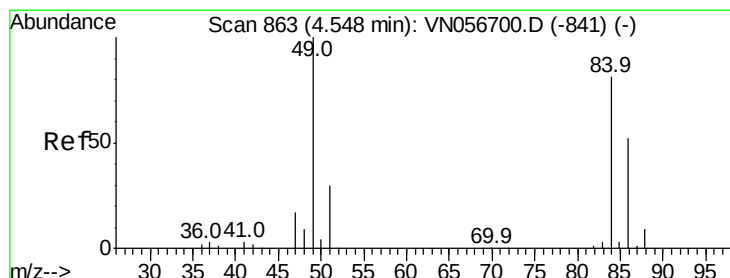
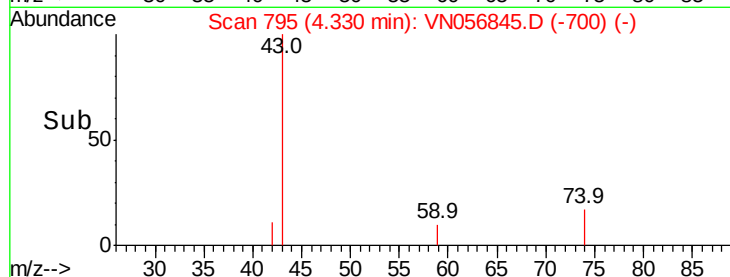
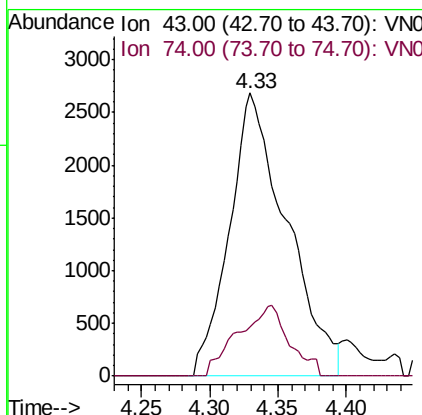
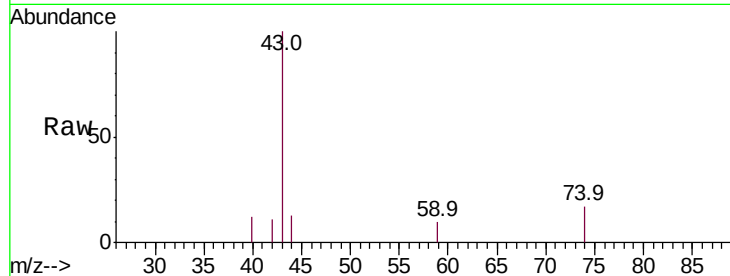




#18
Methyl Acetate
Concen: 1.817 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056845.D
Acq: 19 Jul 2019 20:20

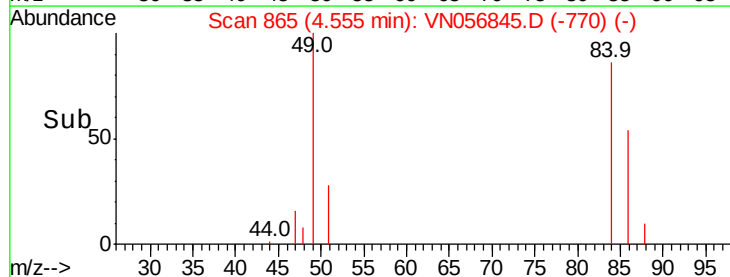
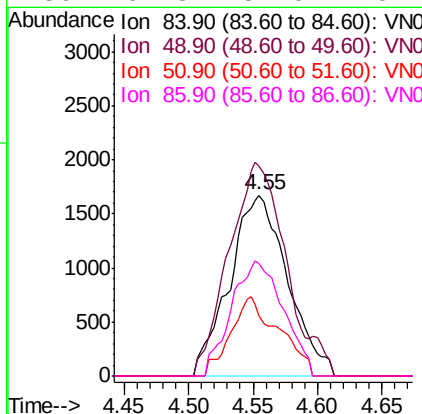
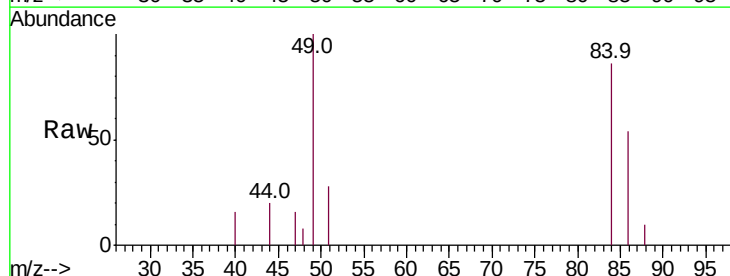
Instrument :
MSVOA_N
ClientSampled :
AOC-7(2)

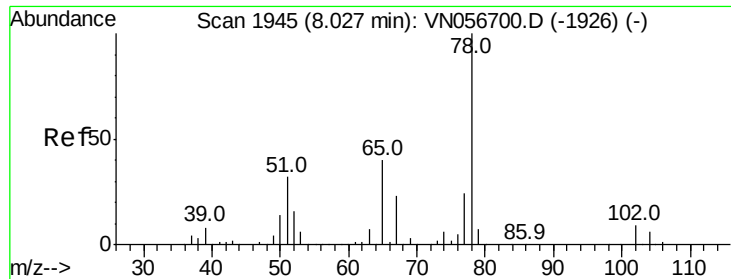
Tot Ion: 43 Resp: 7810
Ion Ratio Lower Upper
43 100
74 22.5 18.9 28.3



#20
Methylene Chloride
Concen: 1.900 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN056845.D
Acq: 19 Jul 2019 20:20

Tgt Ion: 84 Resp: 5242
Ion Ratio Lower Upper
84 100
49 116.1 98.2 147.4
51 33.1 29.6 44.4
86 62.3 51.0 76.4

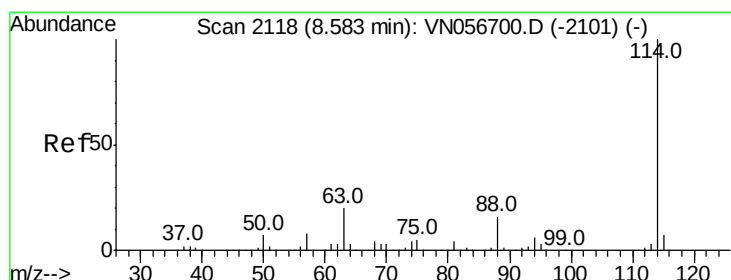
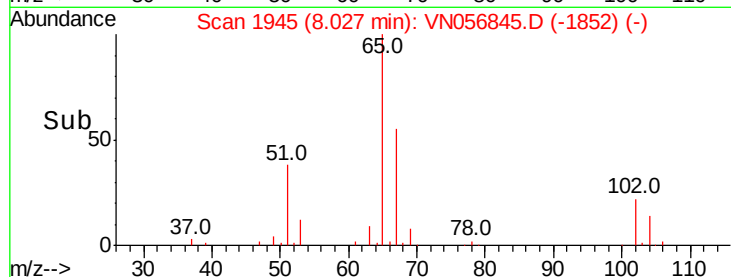
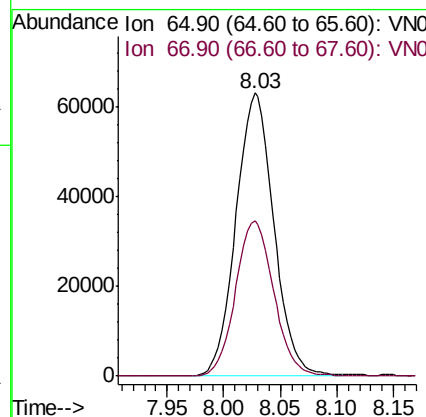
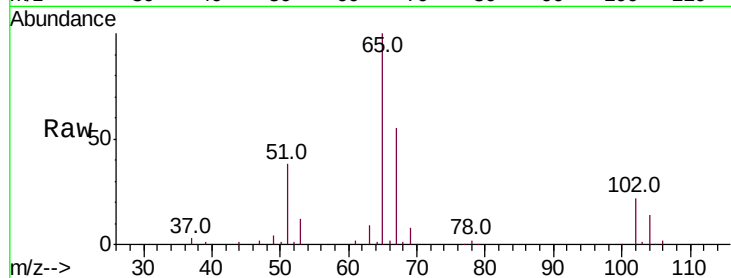




#33
 1,2-Dichloroethane-d4
 Concen: 53.699 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056845.D
 Acq: 19 Jul 2019 20:20

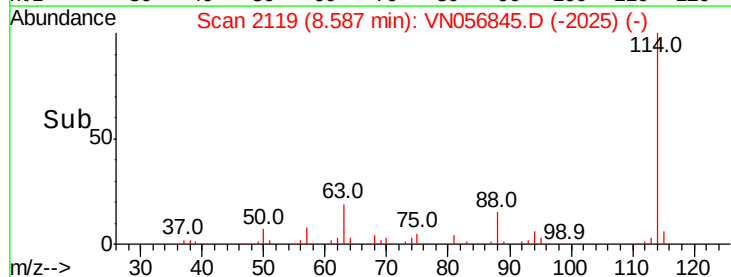
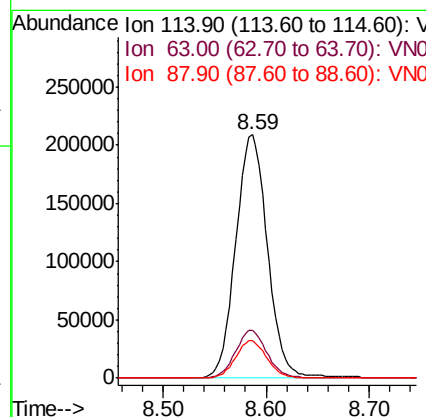
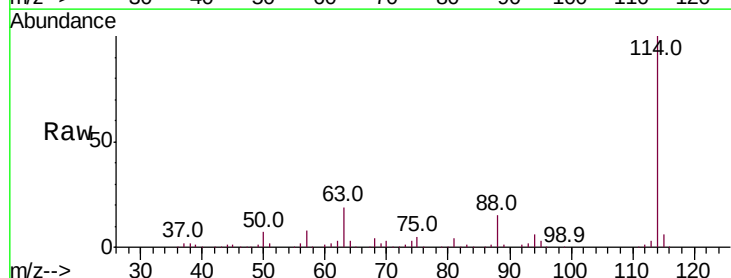
Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-7(2)

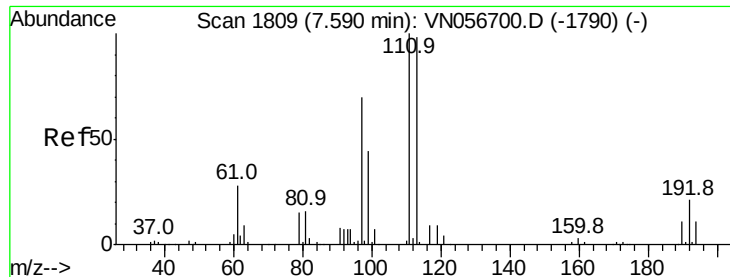
Tot Ion: 65 Resp: 147095
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056845.D
 Acq: 19 Jul 2019 20:20

Tgt Ion: 114 Resp: 449928
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.4
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.331 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056845.D

Acq: 19 Jul 2019 20:20

Instrument :

MSVOA_N

ClientSampled :

AOC-7(2)

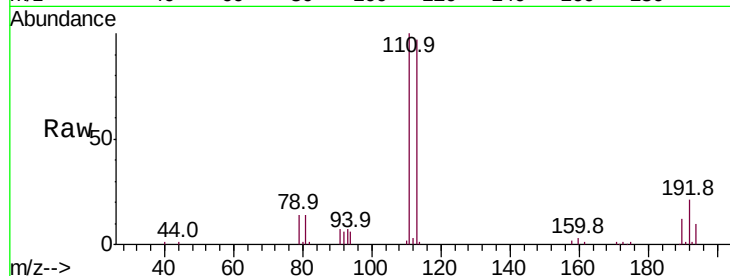
Tot Ion:113 Resp: 135327

Ion Ratio Lower Upper

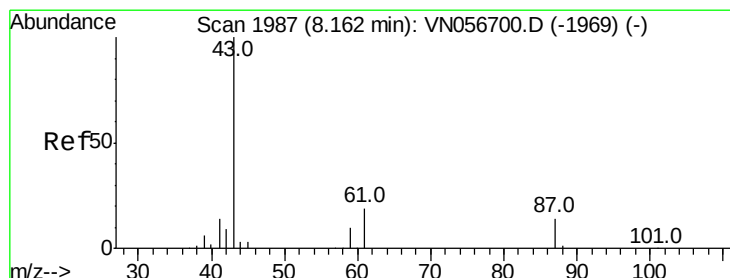
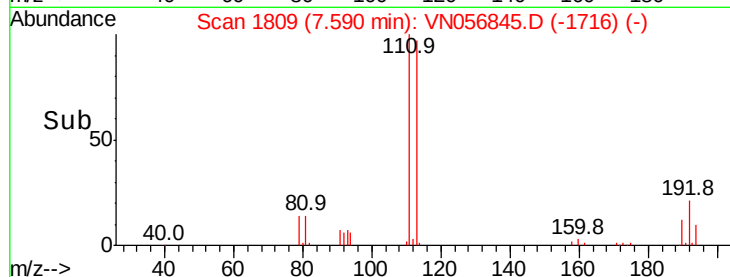
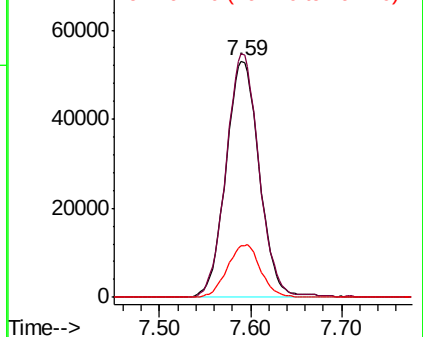
113 100

111 100.8 81.8 122.6

192 22.1 17.5 26.3



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: 2.420 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN056845.D

Acq: 19 Jul 2019 20:20

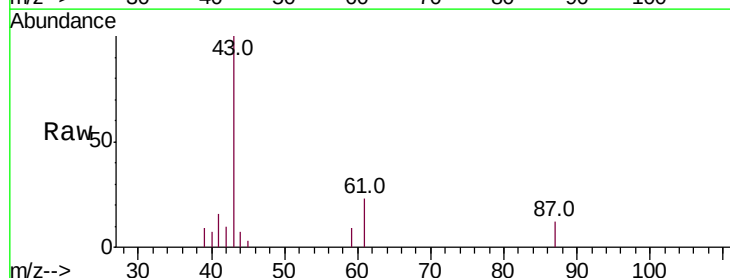
Tgt Ion: 43 Resp: 15614

Ion Ratio Lower Upper

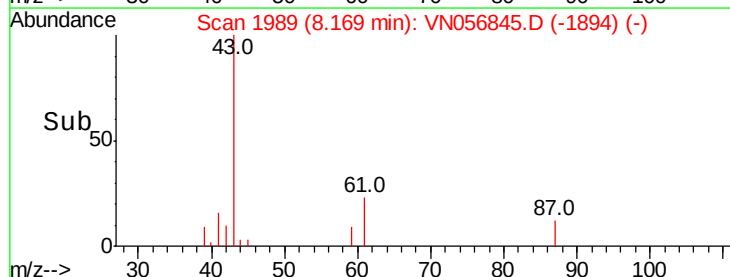
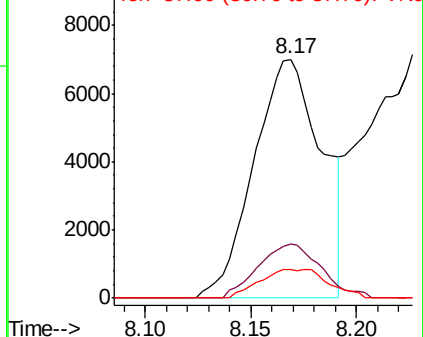
43 100

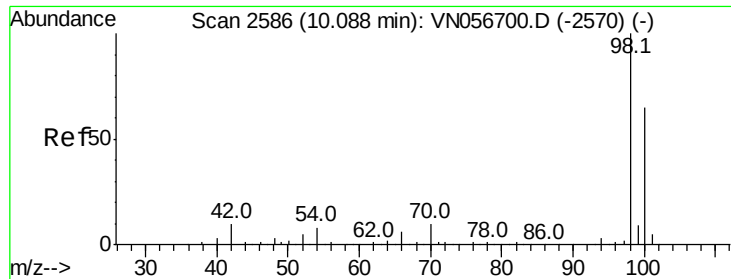
61 21.1 22.3 33.5#

87 12.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 53.275 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056845.D

Acq: 19 Jul 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

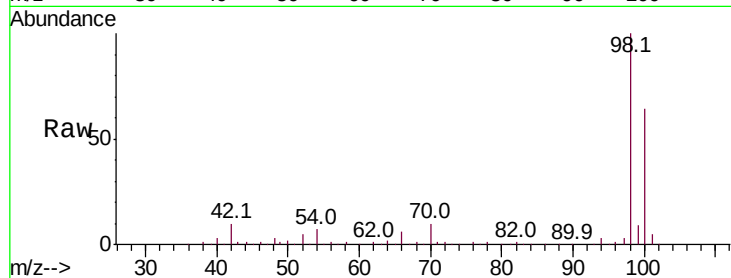
AOC-7(2)

Tot Ion: 98 Resp: 576131

Ion Ratio Lower Upper

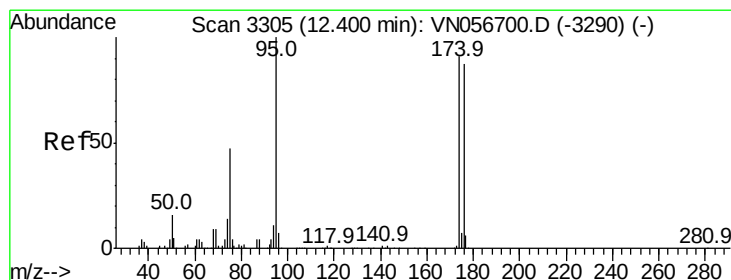
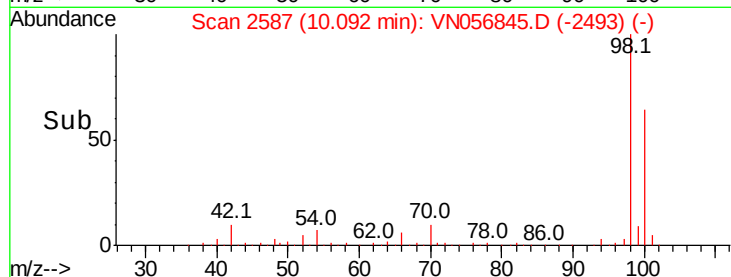
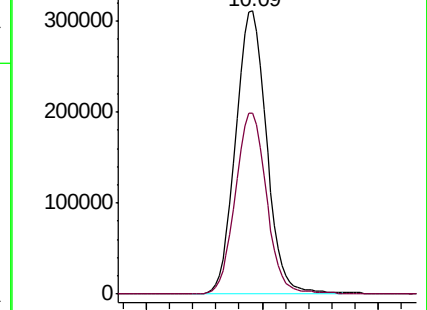
98 100

100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 58.841 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056845.D

Acq: 19 Jul 2019 20:20

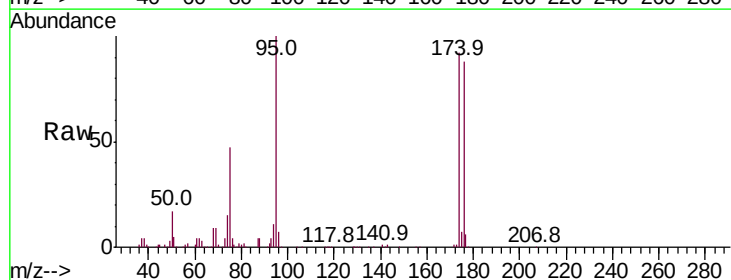
Tgt Ion: 95 Resp: 214588

Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.0

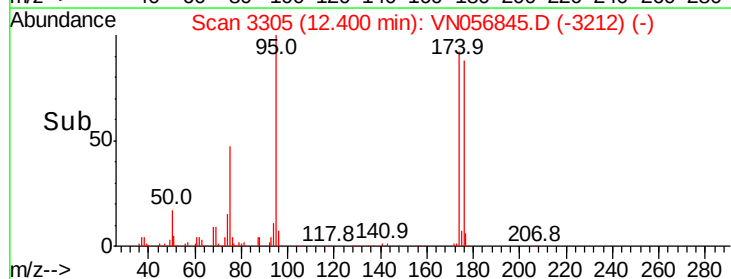
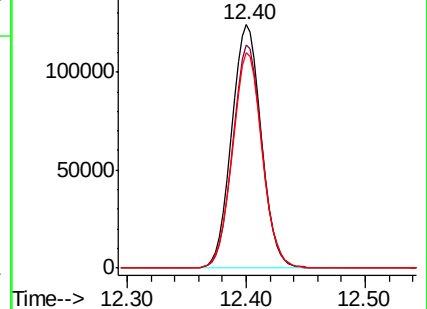
176 88.4 0.0 173.2

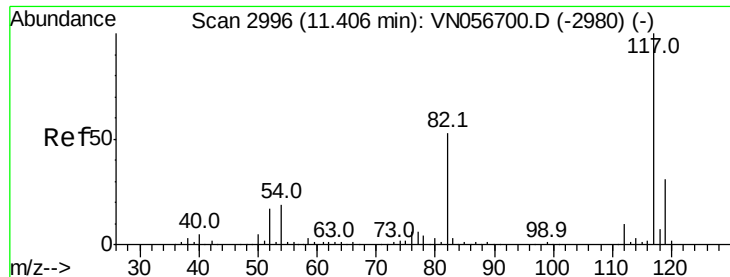


Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)

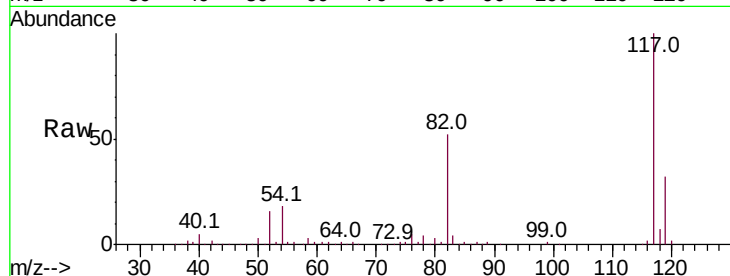




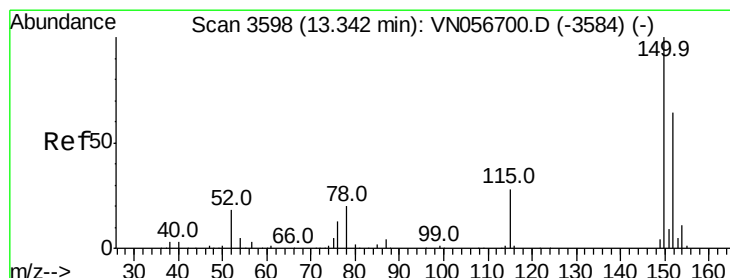
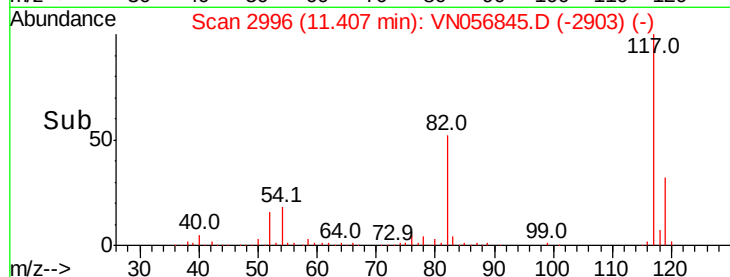
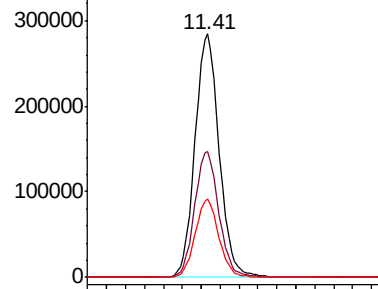
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056845.D
Acq: 19 Jul 2019 20:20

Instrument :
MSVOA_N
ClientSampled :
AOC-7(2)

Tot Ion:117 Resp: 504264
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.2
119 32.0 25.2 37.8

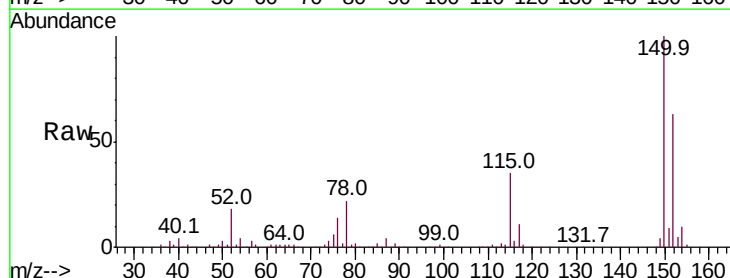


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

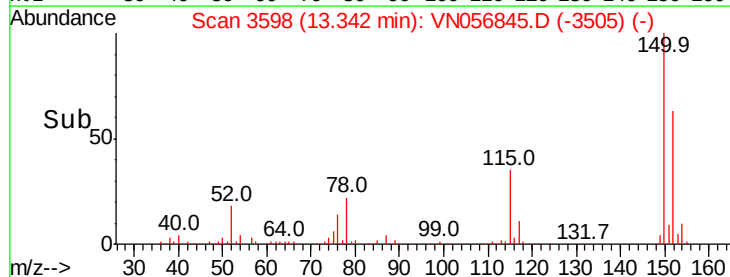
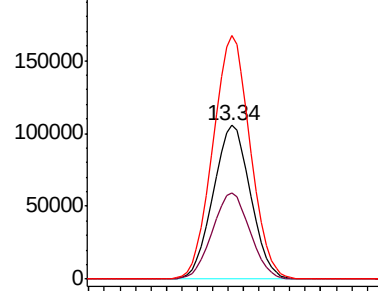


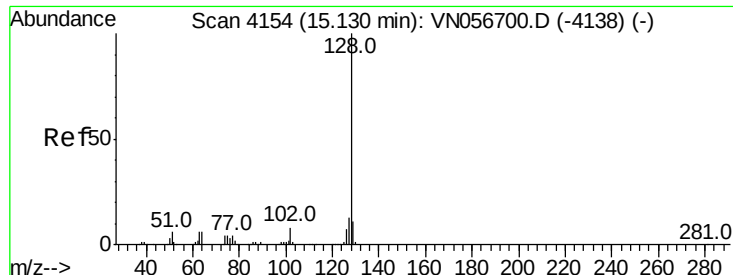
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056845.D
Acq: 19 Jul 2019 20:20

Tgt Ion:152 Resp: 177411
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 158.2 0.0 345.8



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





#95

Naphthalene

Concen: 5.015 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056845.D

Acq: 19 Jul 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

AOC-7(2)

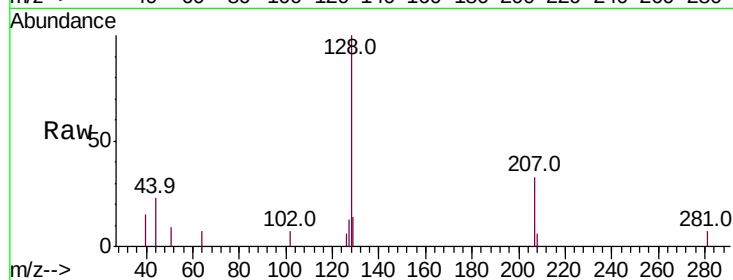
Tot Ion:128 Resp: 5112

Ion Ratio Lower Upper

128 100

127 9.3 10.3 15.5#

129 10.0 8.7 13.1



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

