

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058498.D
 Acq On : 3 Oct 2019 00:25
 Operator : JC/SP
 Sample : K5131-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190833-COMPOSITE-I

Quant Time: Oct 03 06:39:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

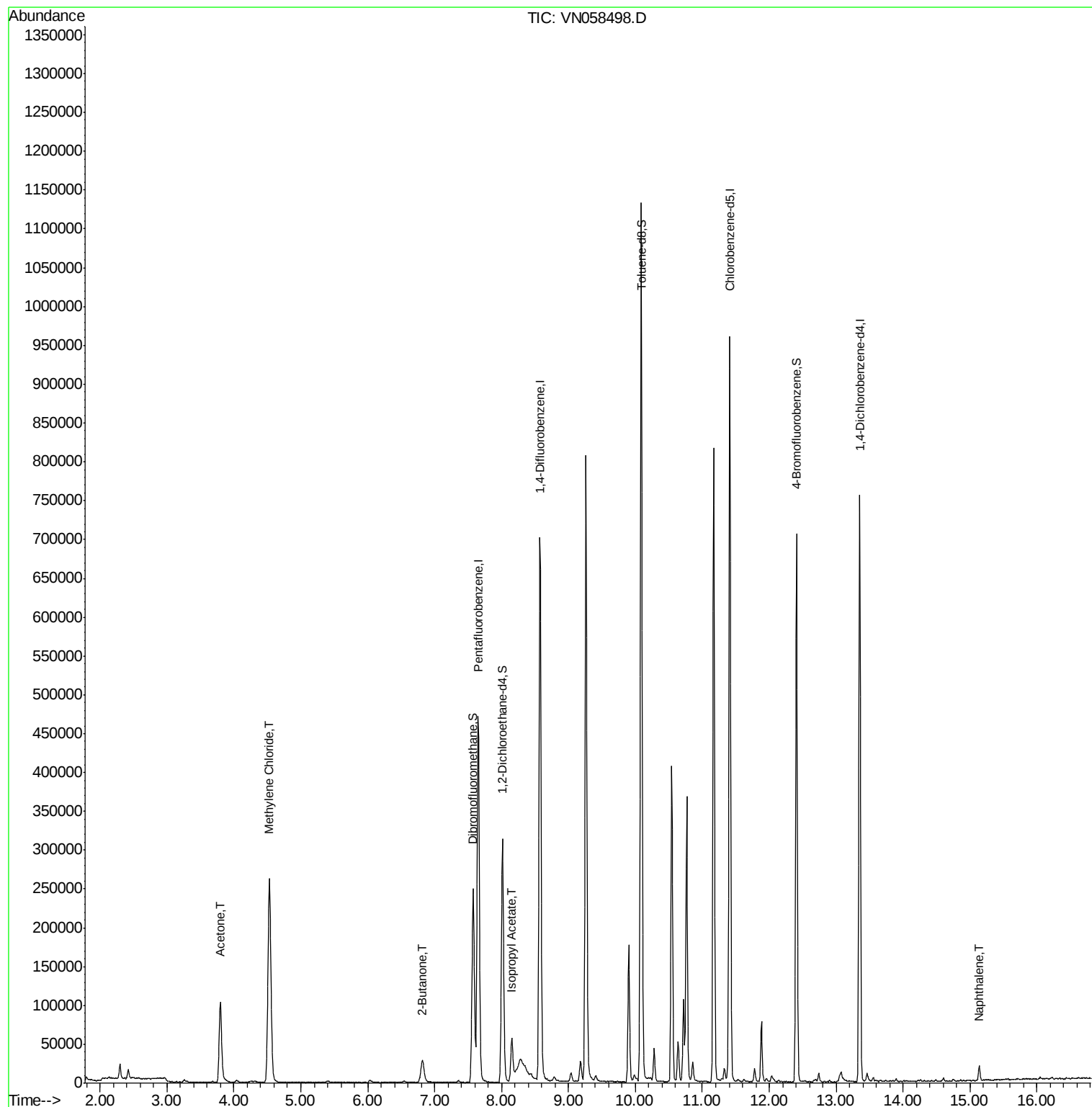
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	363932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	606147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	518586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	186955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	274553	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
35) Dibromofluoromethane	7.58	113	187409	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.09	98	770217	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.41	95	234917	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
Target Compounds						
16) Acetone	3.80	43	179042	98.757	ug/l	99
20) Methylene Chloride	4.53	84	194861	46.575	ug/l	98
25) 2-Butanone	6.82	43	35539	14.278	ug/l	97
43) Isopropyl Acetate	8.15	43	71083	7.692	ug/l	99
95) Naphthalene	15.14	128	15155	1.631	ug/l	100

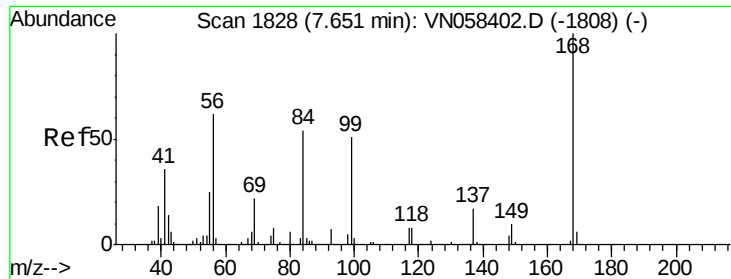
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100219\
Data File : VN058498.D
Acq On : 3 Oct 2019 00:25
Operator : JC/SP
Sample : K5131-19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
20190833-COMPOSITE-I

Quant Time: Oct 03 06:39:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 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: VN058498.D

Acq: 3 Oct 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

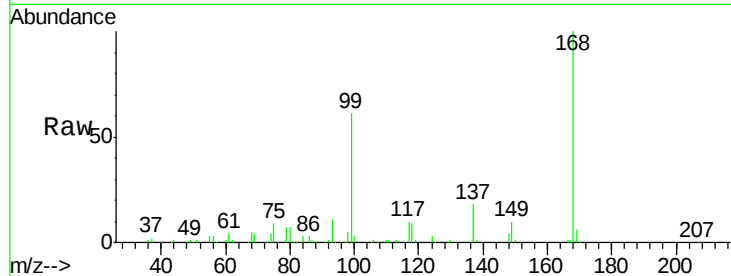
20190833-COMPOSITE-I

Tot Ion:168 Resp: 363932

Ion Ratio Lower Upper

168 100

99 60.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VN058498.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058498.D (-1735) (-)

7.65

150000

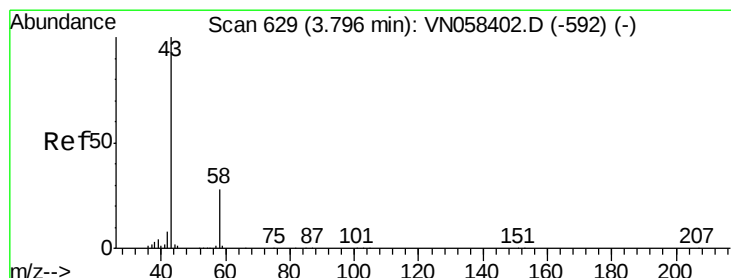
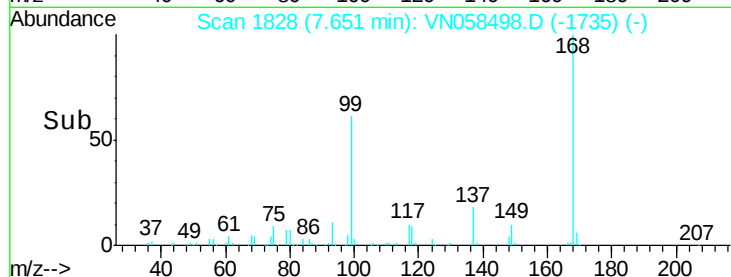
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 98.757 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058498.D

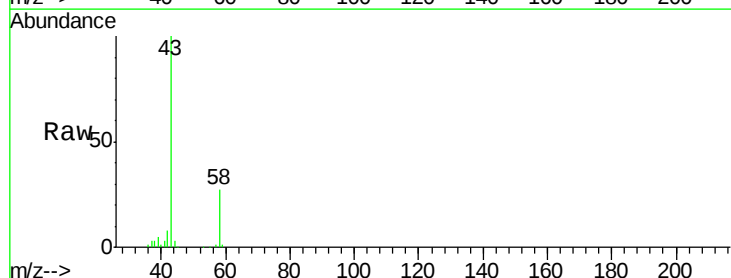
Acq: 3 Oct 2019 00:25

Tgt Ion: 43 Resp: 179042

Ion Ratio Lower Upper

43 100

58 27.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN058498.D (-536) (-)

Ion 58.00 (57.70 to 58.70): VN058498.D (-536) (-)

3.80

60000

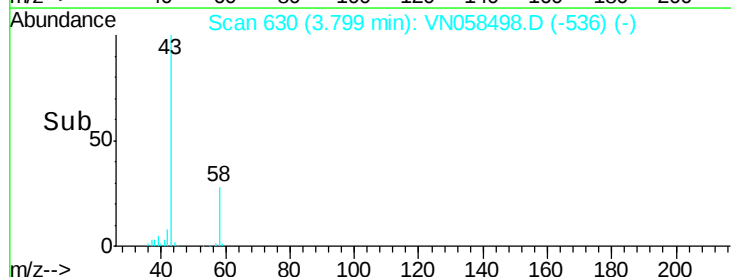
40000

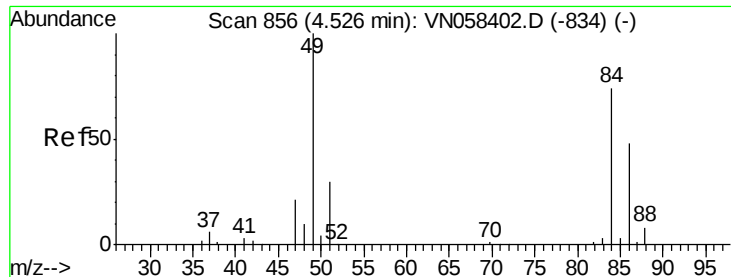
20000

0

3.70 3.80 3.90

Time-->

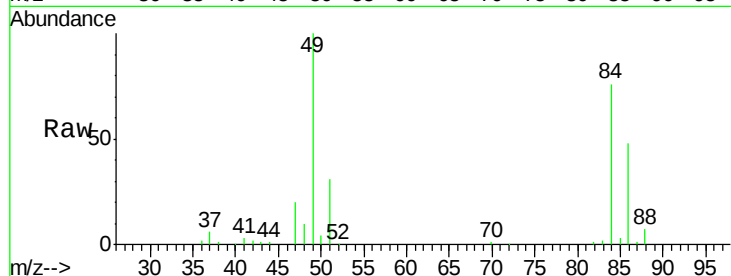




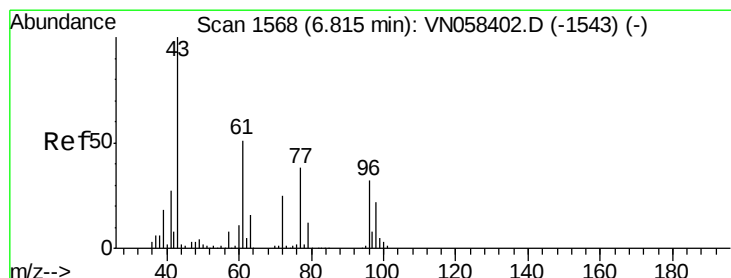
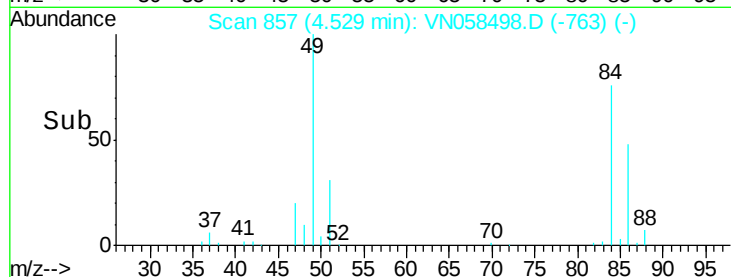
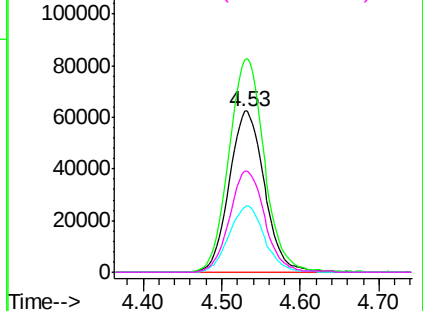
#20
Methvlene Chloride
Concen: 46.575 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058498.D
Acq: 3 Oct 2019 00:25

Instrument :
MSVOA_N
ClientSampleId :
20190833-COMPOSITE-I

Tot Ion: 84 Resp: 194861
Ion Ratio Lower Upper
84 100
49 131.5 107.9 161.9
51 40.4 32.8 49.2
86 62.6 51.5 77.3

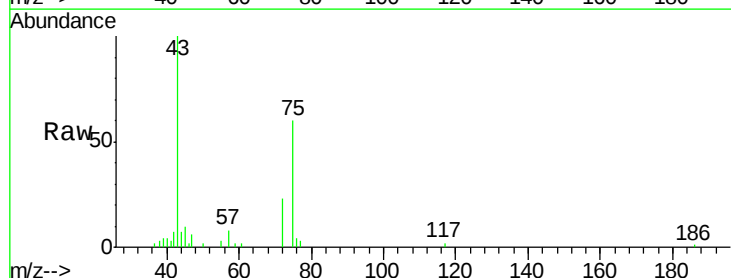


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

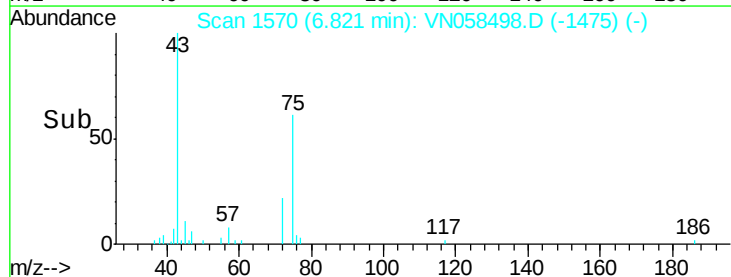
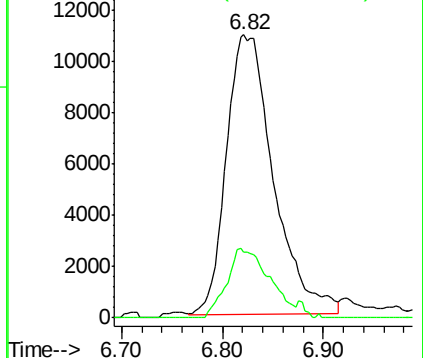


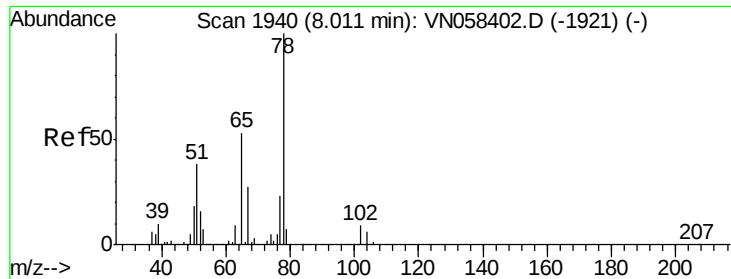
#25
2-Butanone
Concen: 14.278 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN058498.D
Acq: 3 Oct 2019 00:25

Tgt Ion: 43 Resp: 35539
Ion Ratio Lower Upper
43 100
72 23.6 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC





#33

1,2-Dichloroethane-d4

Concen: 51.624 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058498.D

Acq: 3 Oct 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

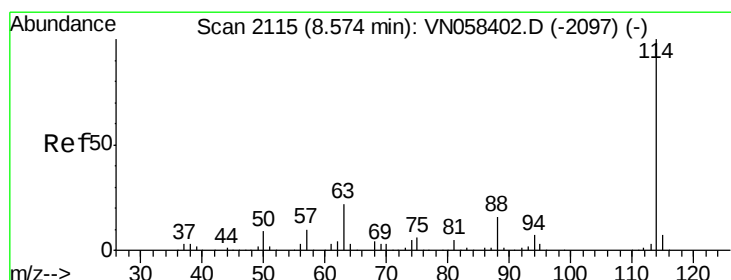
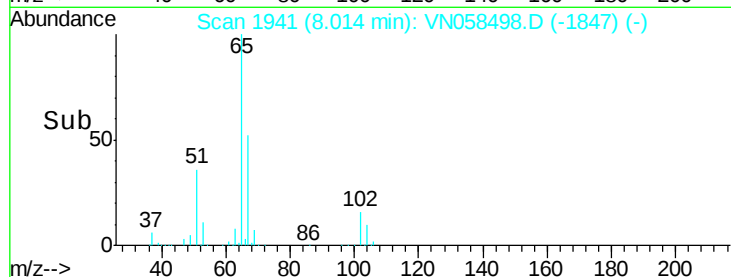
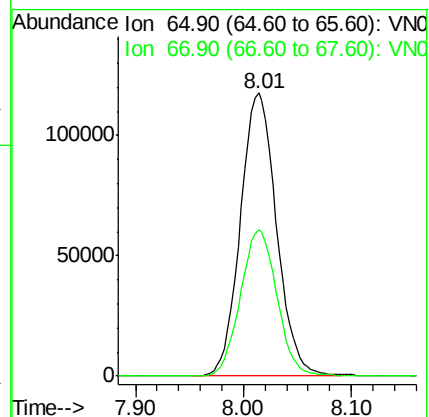
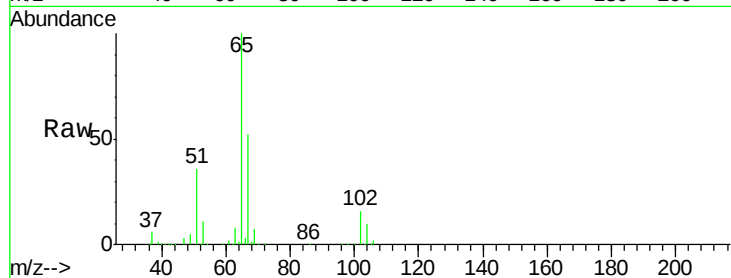
20190833-COMPOSITE-I

Tot Ion: 65 Resp: 274553

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058498.D

Acq: 3 Oct 2019 00:25

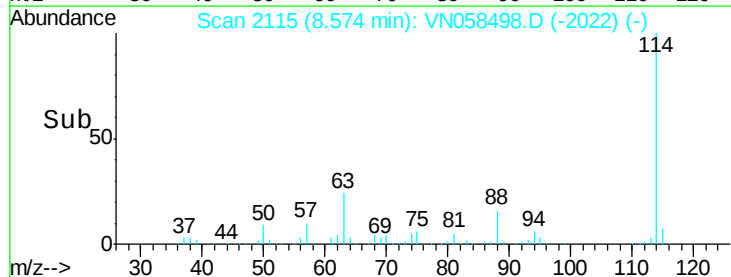
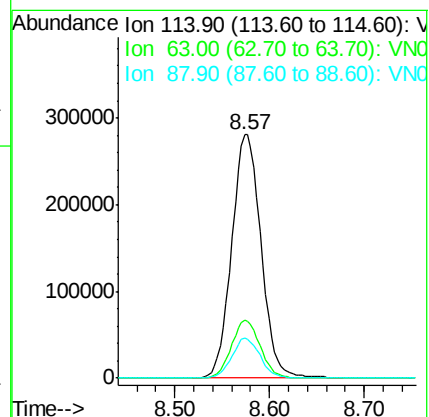
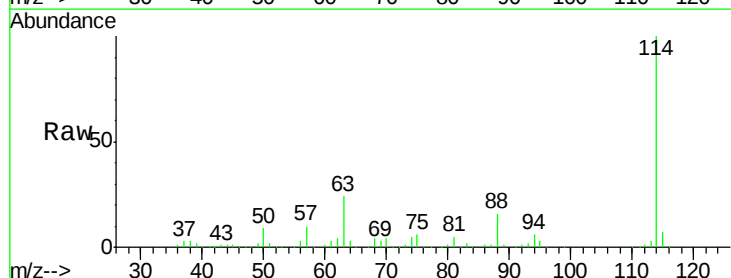
Tgt Ion: 114 Resp: 606147

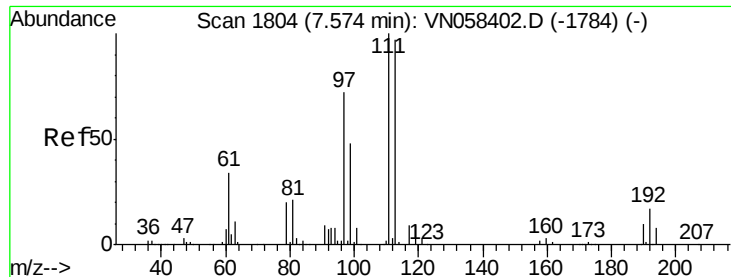
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 16.4 0.0 32.2

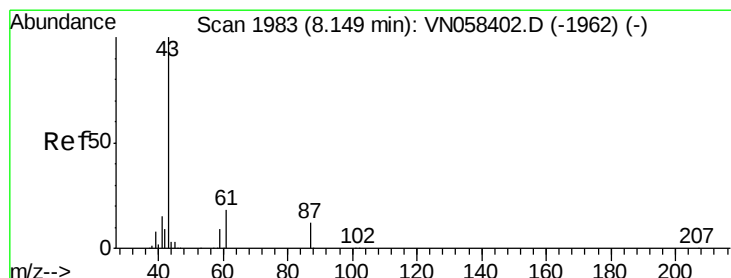
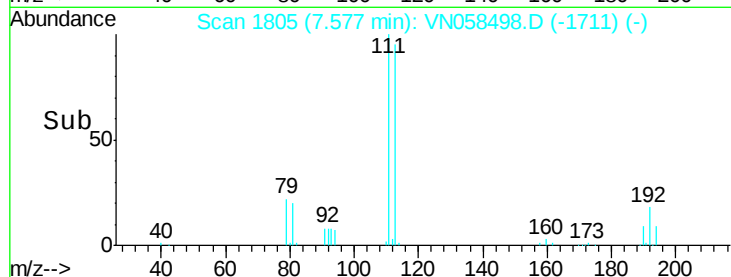
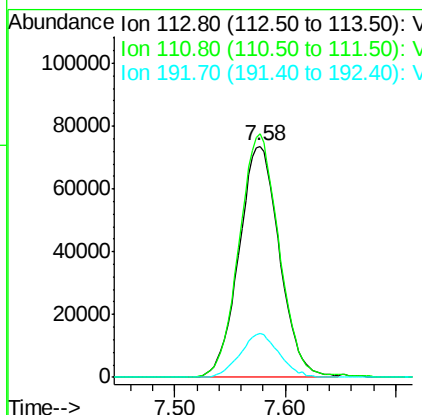
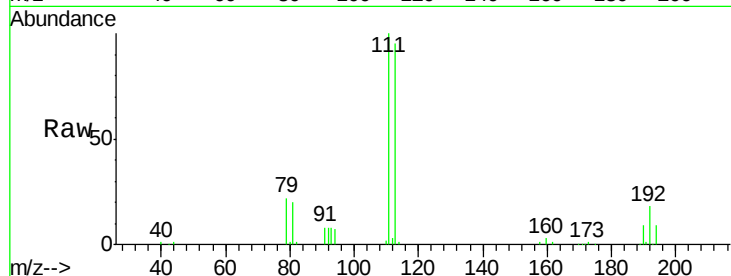




#35
 Dibromofluoromethane
 Concen: 50.446 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058498.D
 Acq: 3 Oct 2019 00:25

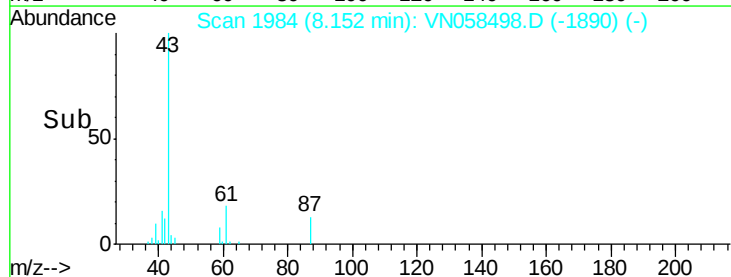
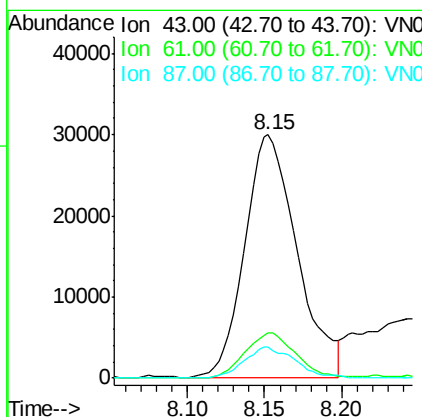
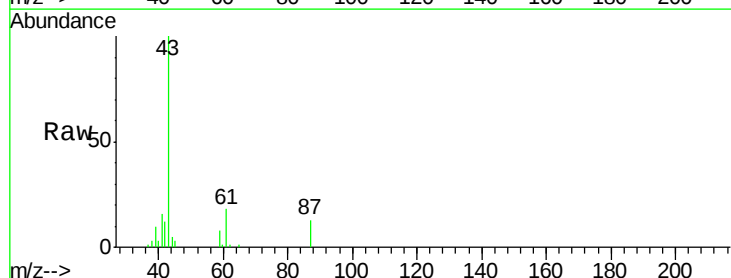
Instrument :
 MSVOA_N
 ClientSampleId :
 20190833-COMPOSITE-I

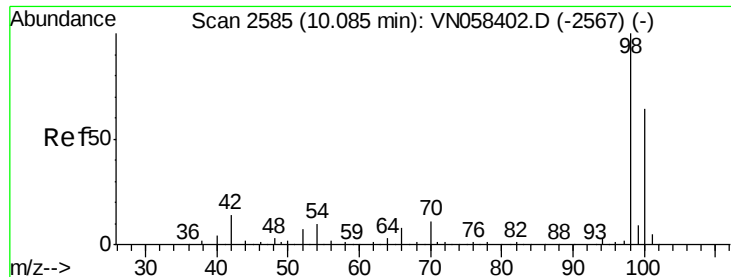
Tot Ion:113 Resp: 187409
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.4 125.2
 192 18.3 14.9 22.3



#43
 Isopropyl Acetate
 Concen: 7.692 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN058498.D
 Acq: 3 Oct 2019 00:25

Tgt Ion: 43 Resp: 71083
 Ion Ratio Lower Upper
 43 100
 61 17.9 14.8 22.2
 87 12.3 9.7 14.5





#50

Toluene-d8

Concen: 52.924 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058498.D

Acq: 3 Oct 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

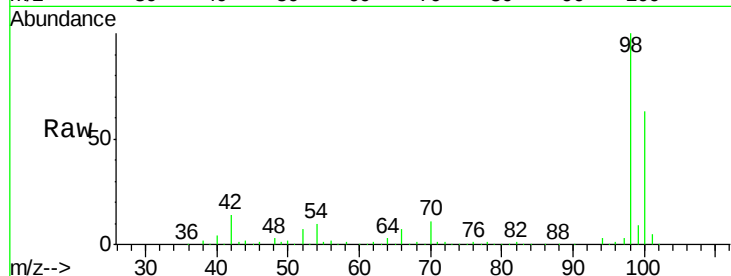
20190833-COMPOSITE-I

Tot Ion: 98 Resp: 770217

Ion Ratio Lower Upper

98 100

100 63.9 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

10.09

400000

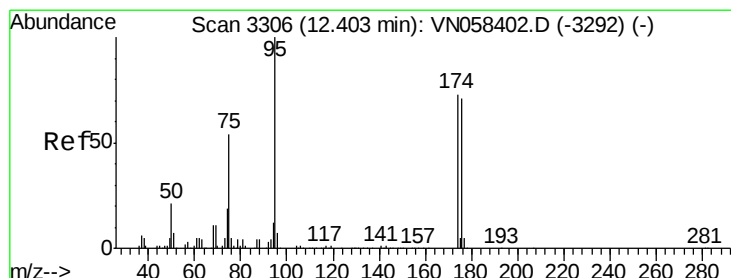
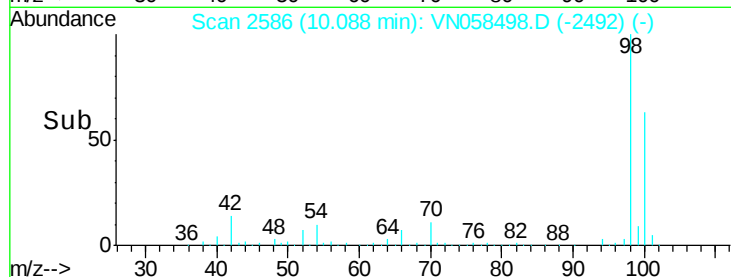
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.642 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058498.D

Acq: 3 Oct 2019 00:25

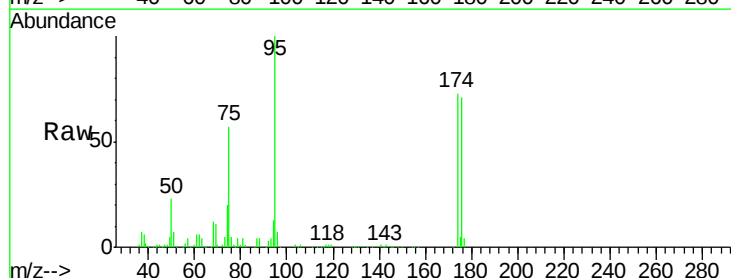
Tgt Ion: 95 Resp: 234917

Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.6

176 72.9 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

12.41

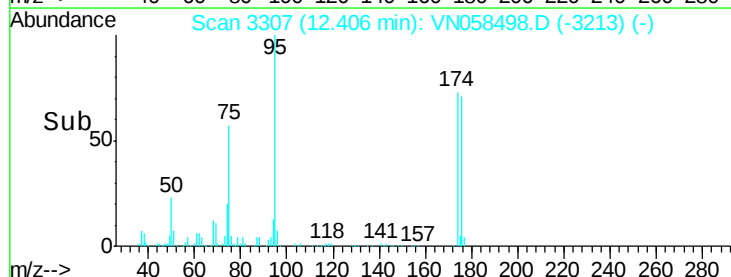
150000

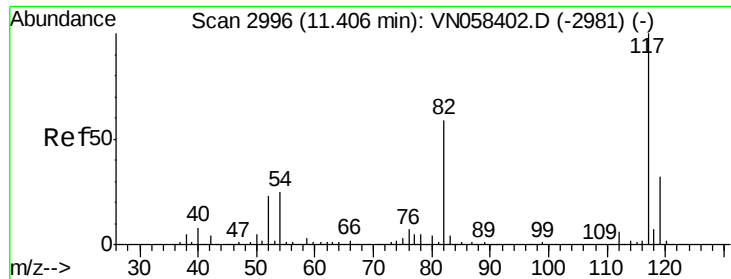
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058498.D

Acq: 3 Oct 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

20190833-COMPOSITE-I

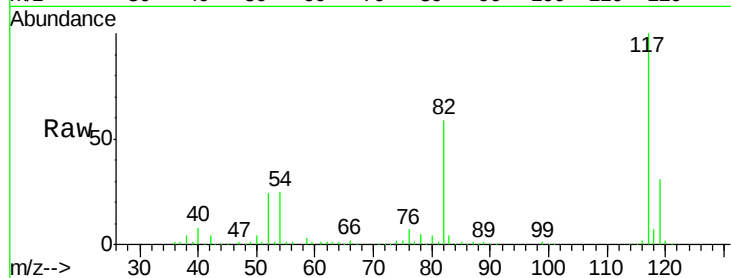
Tot Ion:117 Resp: 518586

Ion Ratio Lower Upper

117 100

82 58.9 47.4 71.0

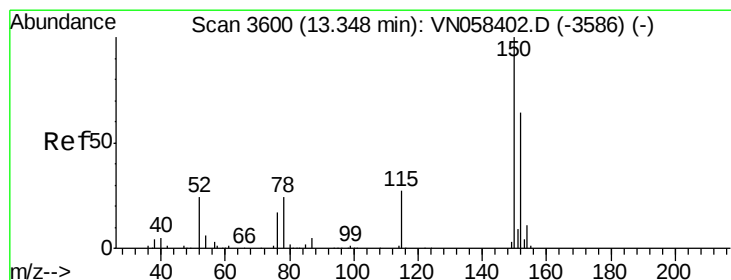
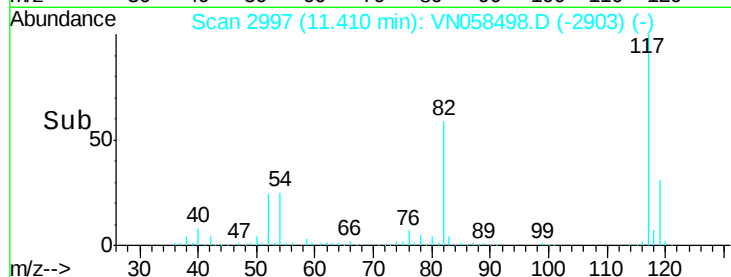
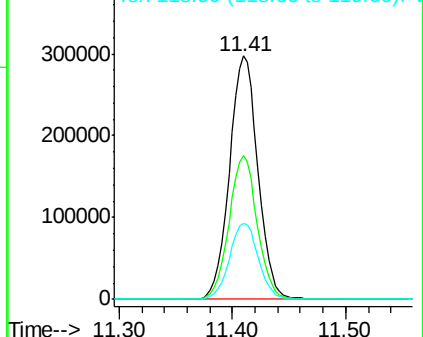
119 31.4 25.5 38.3



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: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058498.D

Acq: 3 Oct 2019 00:25

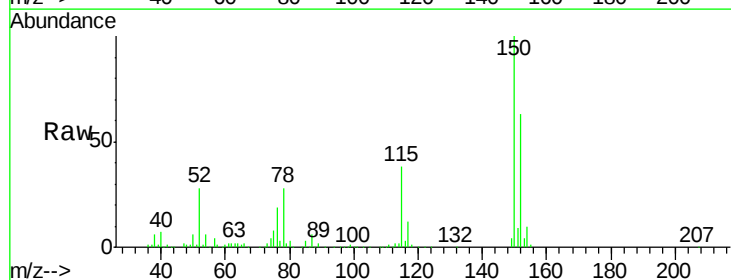
Tgt Ion:152 Resp: 186955

Ion Ratio Lower Upper

152 100

115 61.9 30.0 90.0

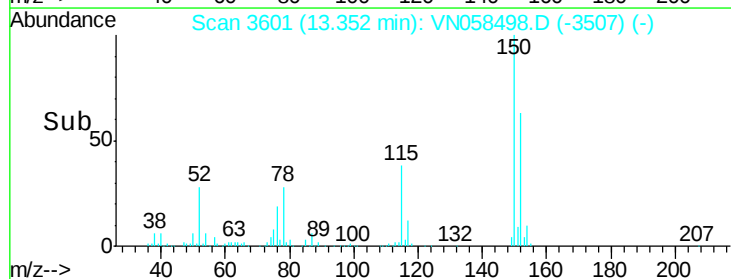
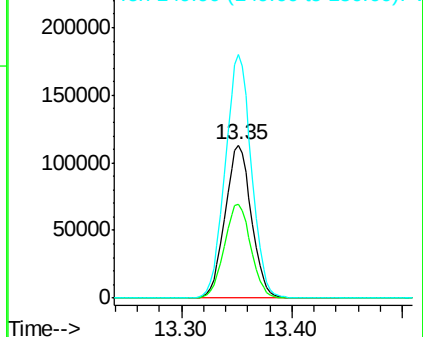
150 158.4 0.0 348.2

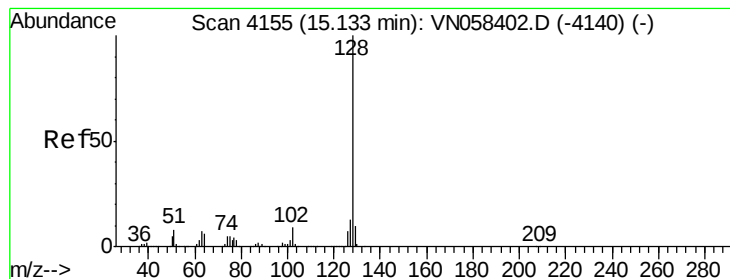


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.631 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058498.D

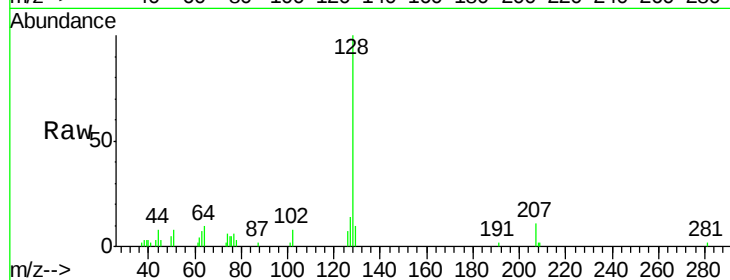
Acq: 3 Oct 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

20190833-COMPOSITE-I



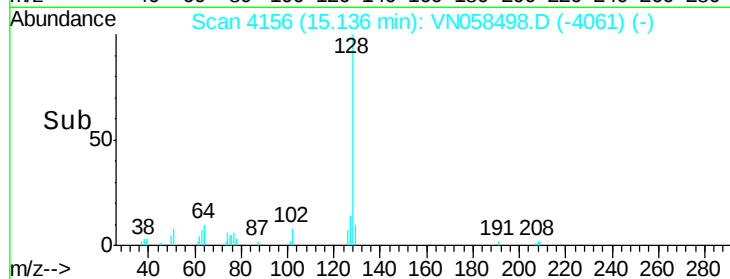
Tot Ion:128 Resp: 15155

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.1 8.3 12.5



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

