

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120519\
 Data File : VN059498.D
 Acq On : 5 Dec 2019 14:26
 Operator : JC/SP
 Sample : K6135-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-36

Quant Time: Dec 06 01:00:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

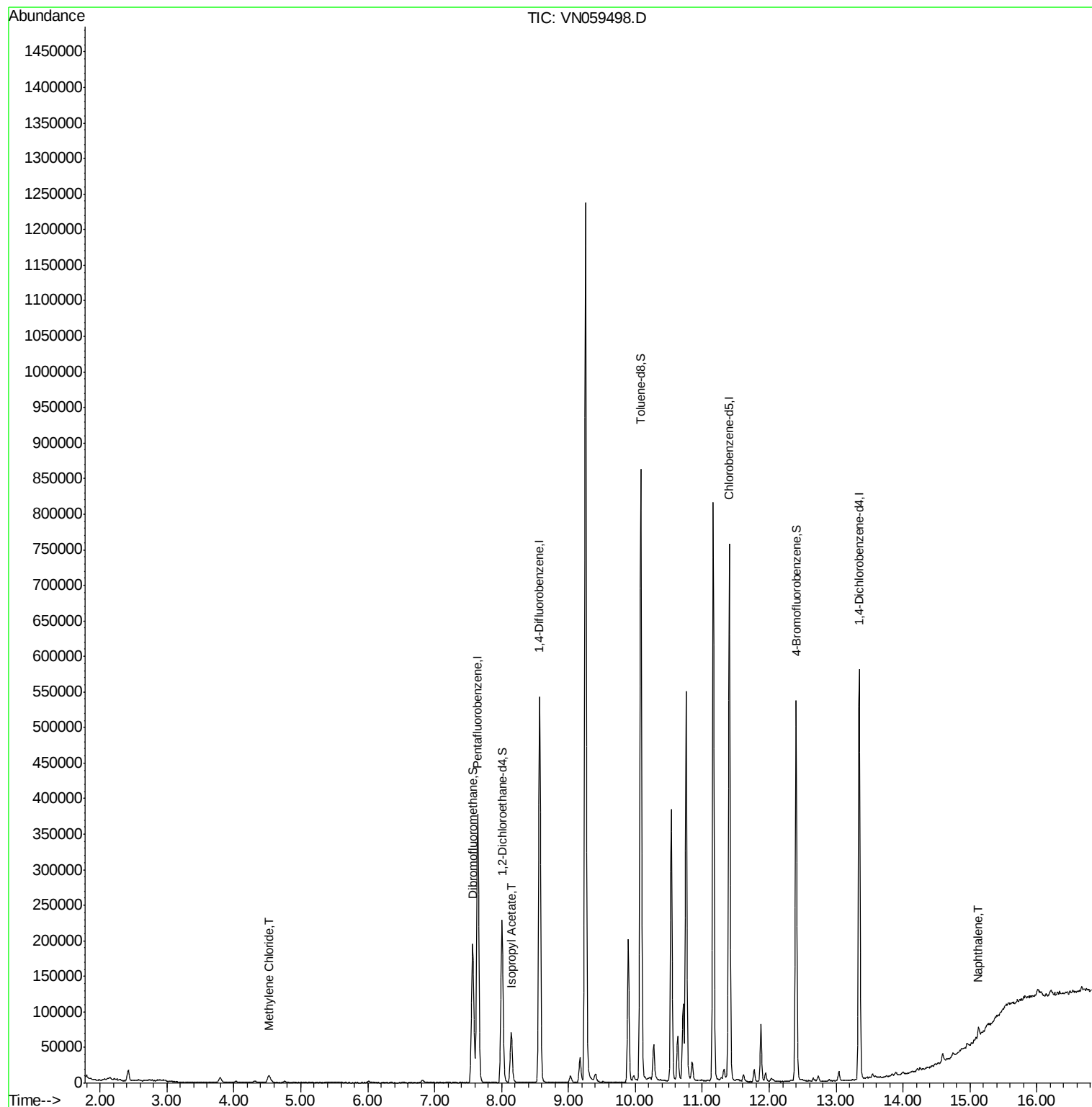
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	307554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	485264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	435574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	159515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	199484	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
35) Dibromofluoromethane	7.57	113	150809	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
50) Toluene-d8	10.08	98	608551	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.40	95	190142	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
20) Methylene Chloride	4.52	84	8193	1.104	ug/l	93
43) Isopropyl Acetate	8.14	43	84623	10.087	ug/l #	89
95) Naphthalene	15.13	128	10304	3.506	ug/l	99

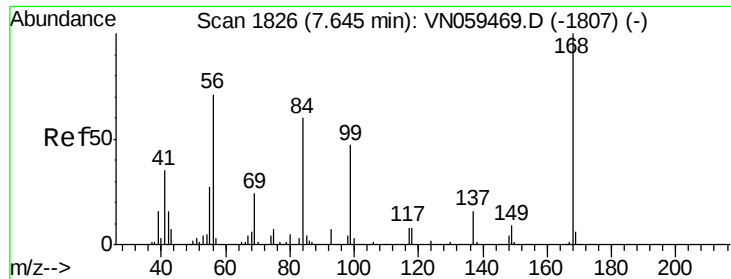
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120519\
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Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 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: VN059498.D

Acq: 5 Dec 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

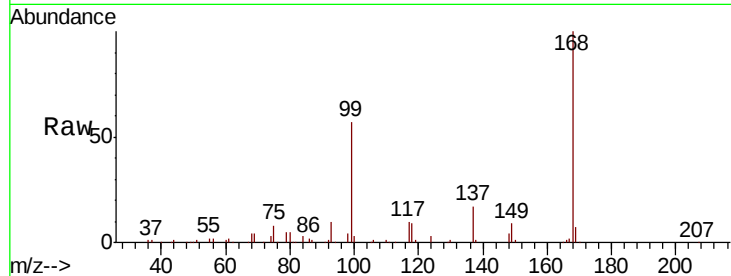
COMP-36

Tot Ion:168 Resp: 307554

Ion Ratio Lower Upper

168 100

99 56.5 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

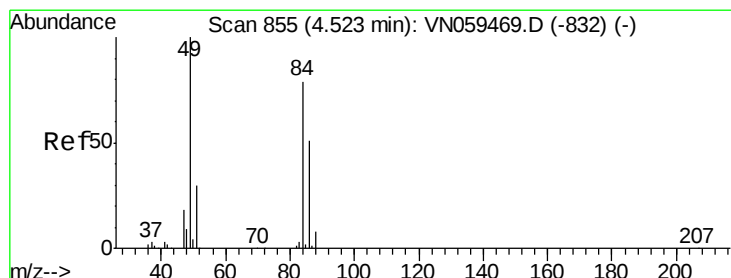
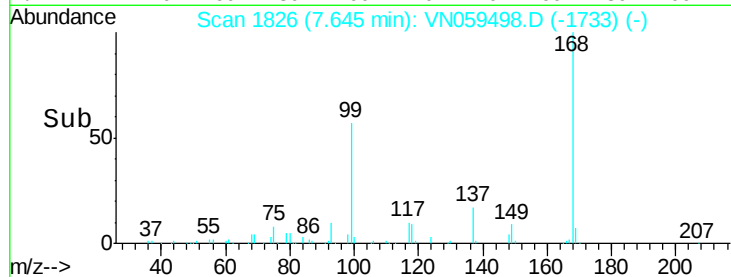
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.104 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059498.D

Acq: 5 Dec 2019 14:26

Tgt Ion: 84 Resp: 8193

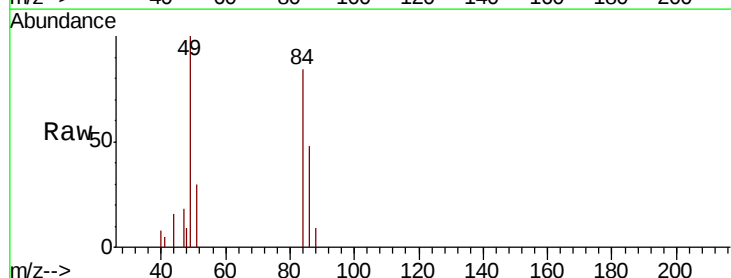
Ion Ratio Lower Upper

84 100

49 118.6 101.1 151.7

51 36.0 30.7 46.1

86 57.1 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

5000

4000

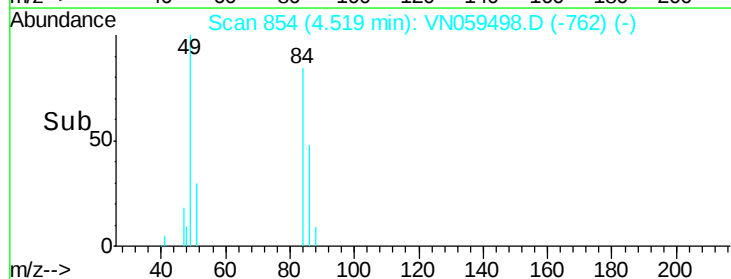
3000

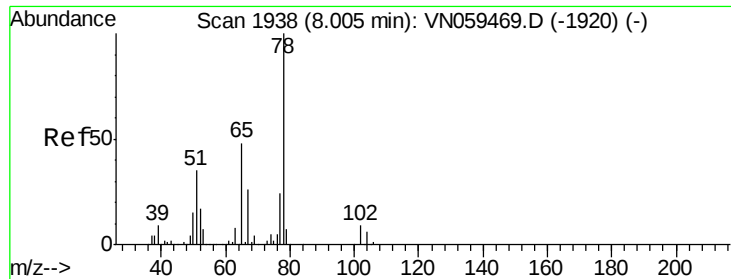
2000

1000

0

Time-->

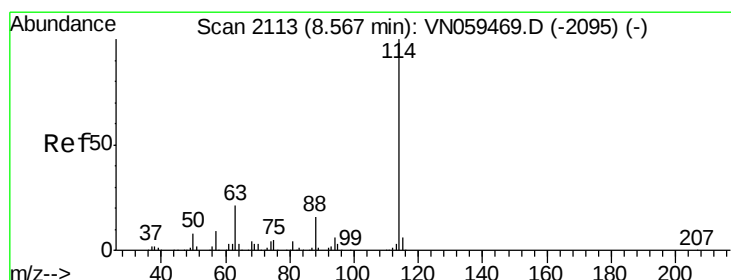
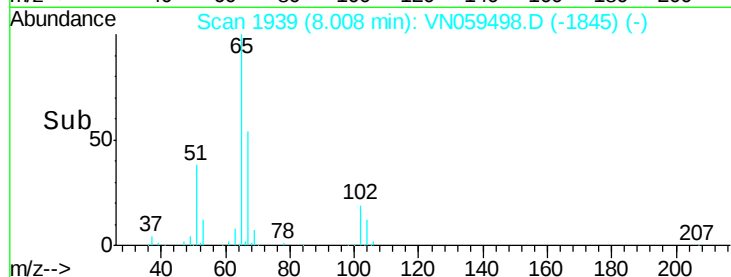
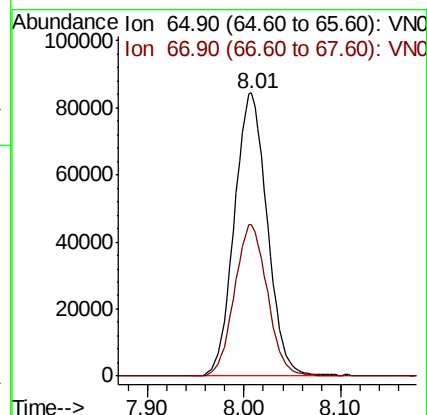
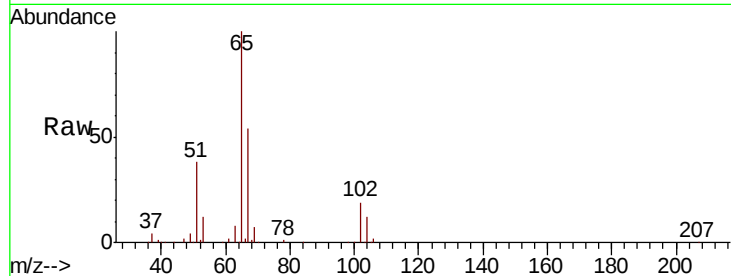




#33
 1,2-Dichloroethane-d4
 Concen: 52.212 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059498.D
 Acq: 5 Dec 2019 14:26

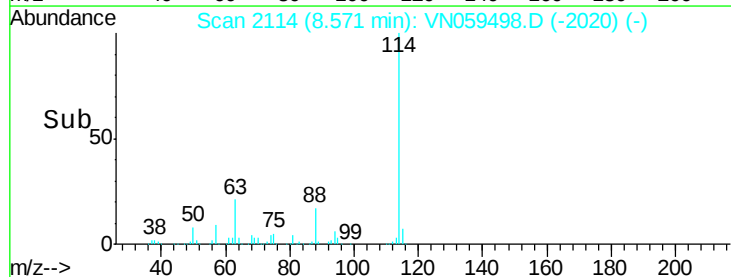
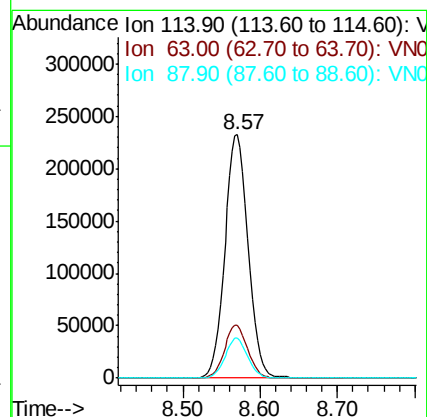
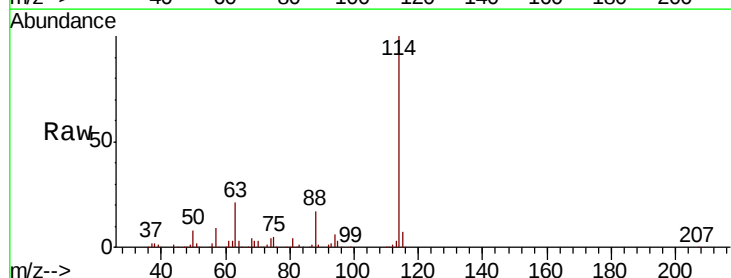
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-36

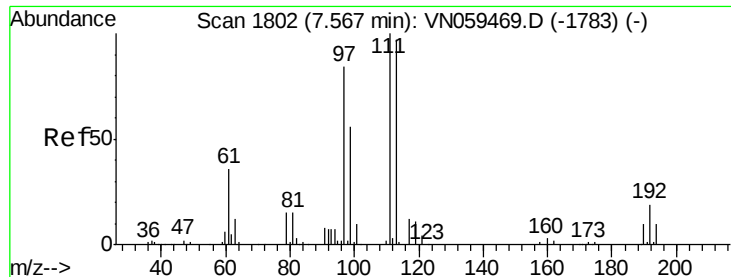
Tot Ion: 65 Resp: 199484
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059498.D
 Acq: 5 Dec 2019 14:26

Tgt Ion: 114 Resp: 485264
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.4
 88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.898 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059498.D

Acq: 5 Dec 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

COMP-36

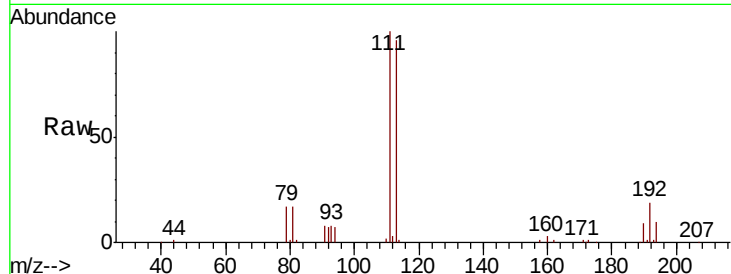
Tot Ion:113 Resp: 150809

Ion Ratio Lower Upper

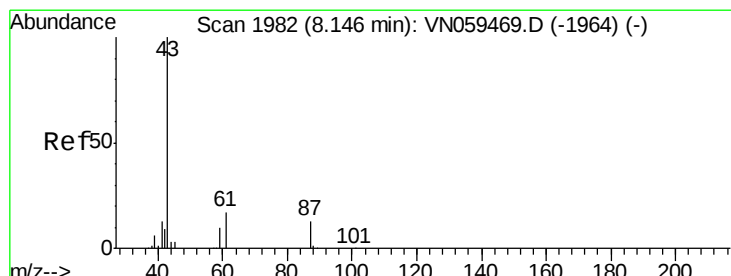
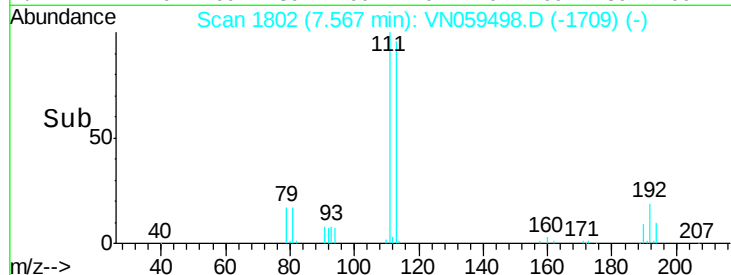
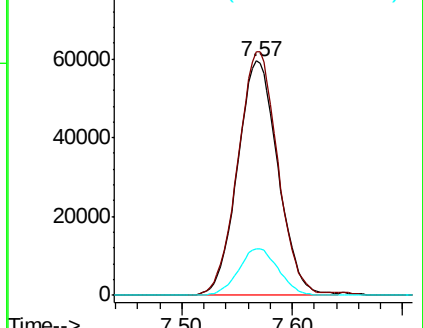
113 100

111 103.1 82.5 123.7

192 19.7 16.1 24.1



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: 10.087 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059498.D

Acq: 5 Dec 2019 14:26

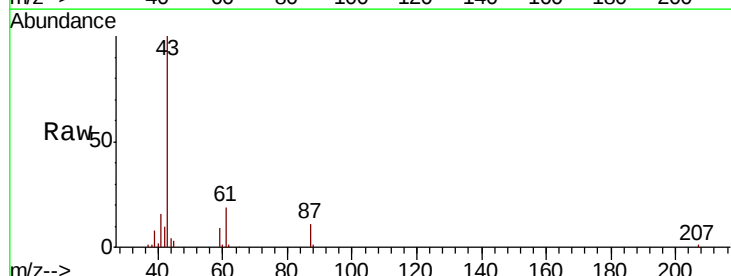
Tgt Ion: 43 Resp: 84623

Ion Ratio Lower Upper

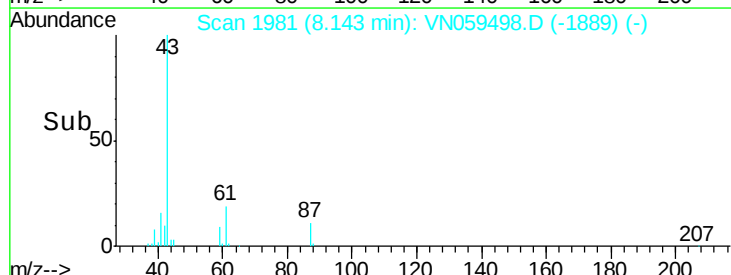
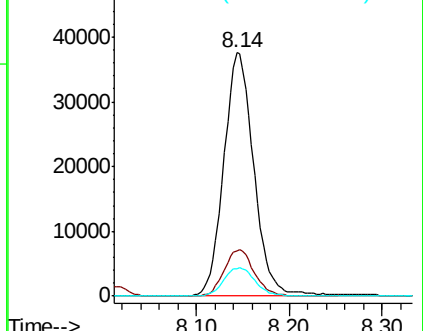
43 100

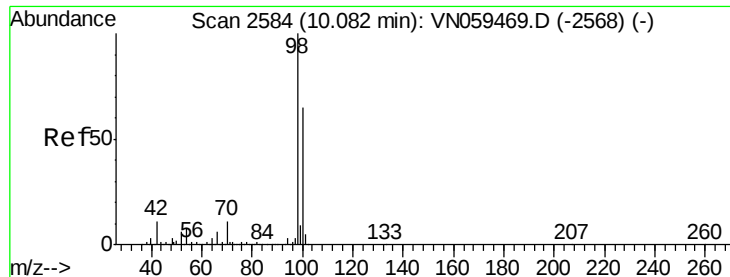
61 18.9 21.0 31.6#

87 12.0 10.4 15.6



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





#50

Toluene-d8

Concen: 51.068 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059498.D

Acq: 5 Dec 2019 14:26

Instrument :

MSVOA_N

ClientSampleId :

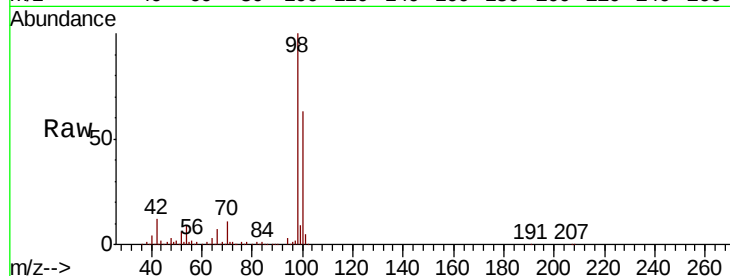
COMP-36

Tot Ion: 98 Resp: 608551

Ion Ratio Lower Upper

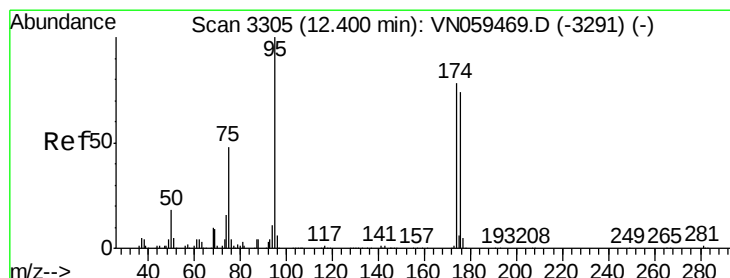
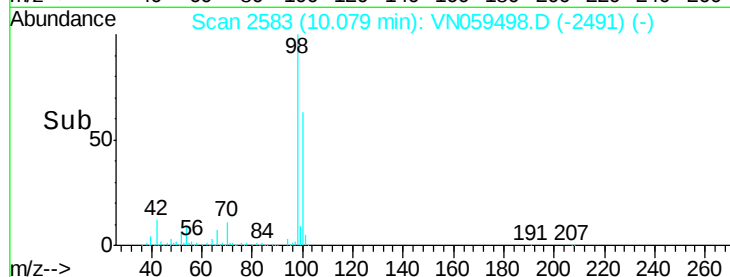
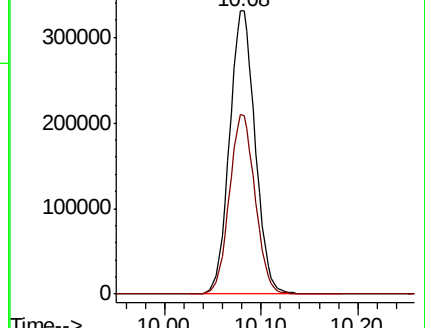
98 100

100 63.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VN059469.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN059469.D (-2568) (-)



#62

4-Bromofluorobenzene

Concen: 45.690 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059498.D

Acq: 5 Dec 2019 14:26

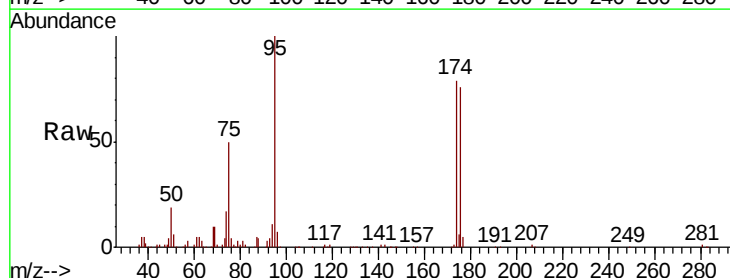
Tgt Ion: 95 Resp: 190142

Ion Ratio Lower Upper

95 100

174 79.0 0.0 157.0

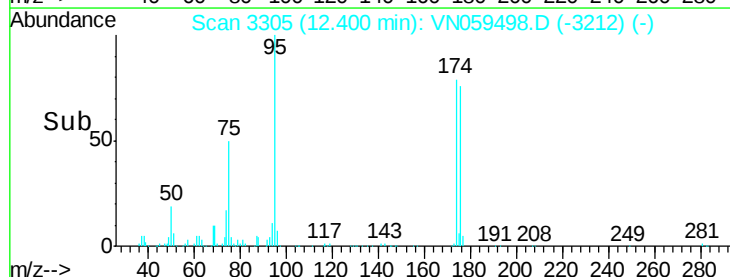
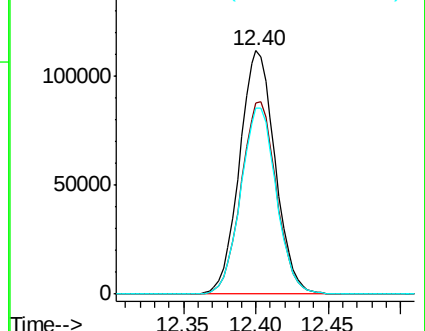
176 76.5 0.0 152.4

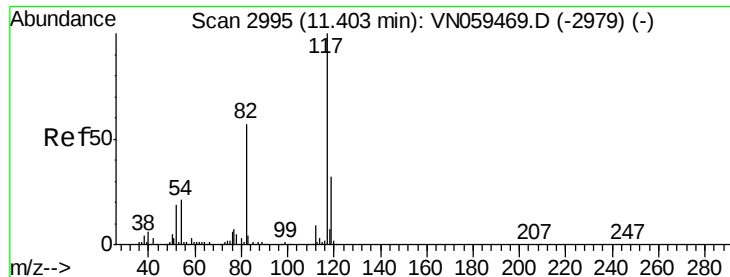


Abundance Ion 94.90 (94.60 to 95.60): VN059469.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059469.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059469.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059498.D

Acq: 5 Dec 2019 14:26

Instrument :

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ClientSampleId :

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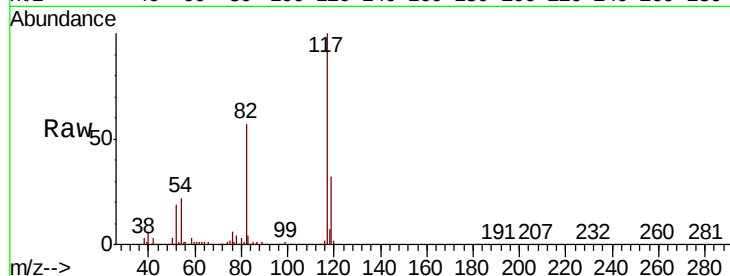
Tot Ion:117 Resp: 435574

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.8

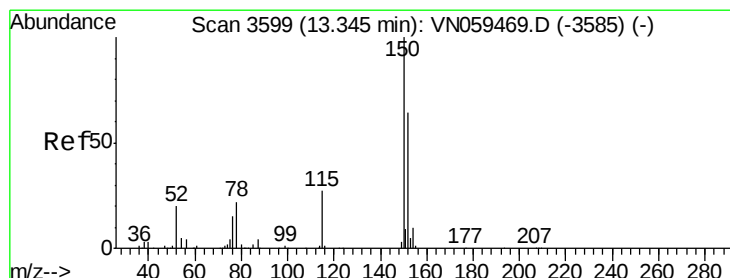
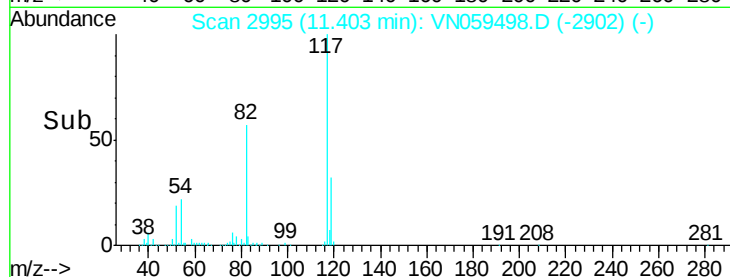
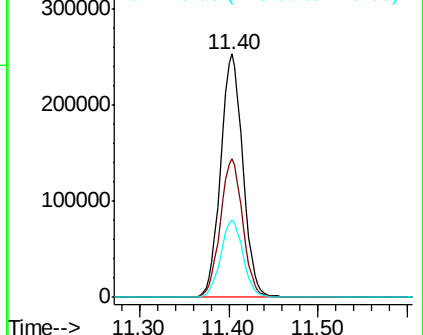
119 32.0 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059498.D

Acq: 5 Dec 2019 14:26

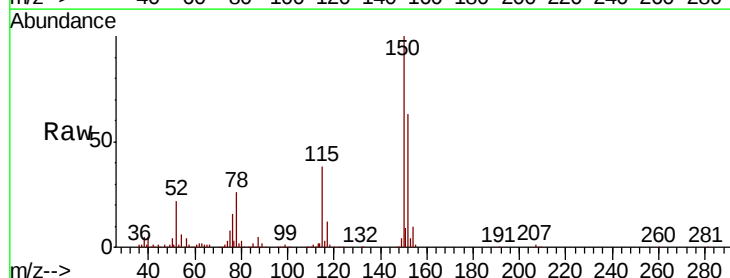
Tgt Ion:152 Resp: 159515

Ion Ratio Lower Upper

152 100

115 59.8 29.2 87.6

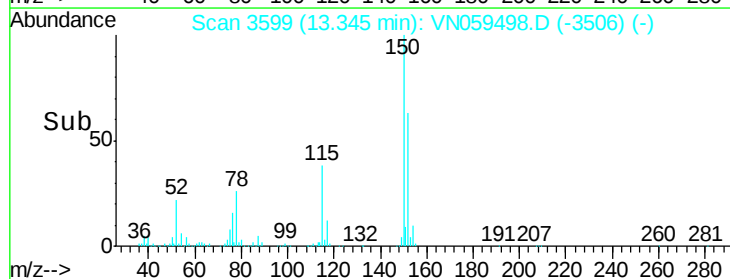
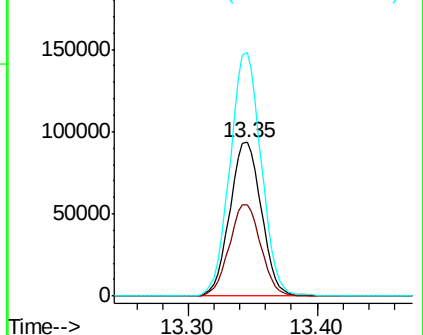
150 156.5 0.0 352.8

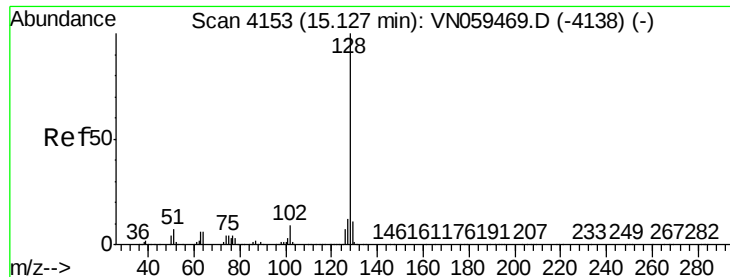


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.506 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059498.D

Acq: 5 Dec 2019 14:26

Instrument :

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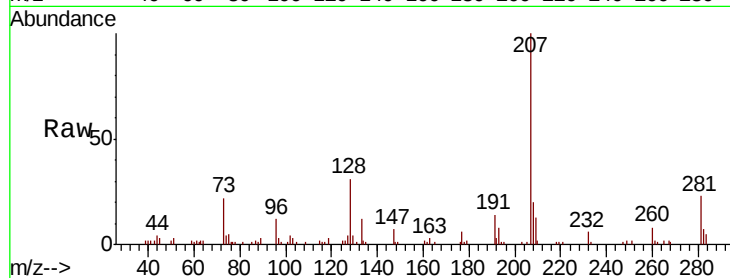
Tot Ion:128 Resp: 10304

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 11.7 8.8 13.2



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

