

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120519\
 Data File : VN059497.D
 Acq On : 5 Dec 2019 14:04
 Operator : JC/SP
 Sample : K6135-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-35

Quant Time: Dec 06 00:58:42 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

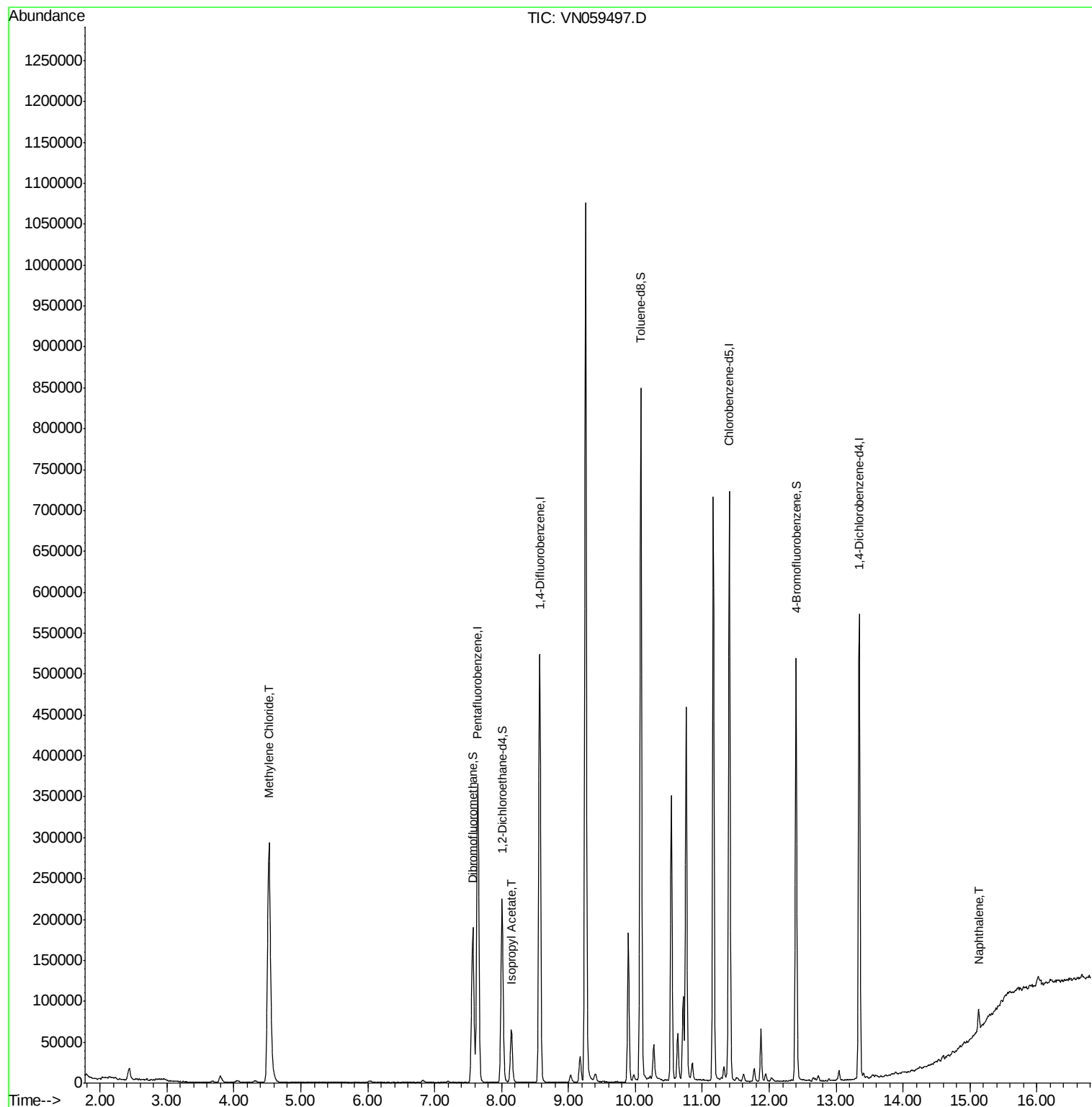
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	301959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	469829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	418105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	154253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	190963	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
35) Dibromofluoromethane	7.57	113	148440	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	10.08	98	586265	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	184757	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
20) Methylene Chloride	4.53	84	231053	65.773	ug/l	98
43) Isopropyl Acetate	8.15	43	77037	9.484	ug/l #	90
95) Naphthalene	15.13	128	20089	4.602	ug/l	98

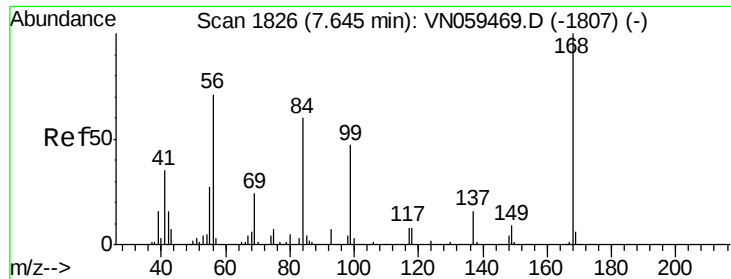
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120519\
Data File : VN059497.D
Acq On : 5 Dec 2019 14:04
Operator : JC/SP
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MSVOA_N
ClientSampleId :
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Quant Time: Dec 06 00:58:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
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: VN059497.D

Acq: 5 Dec 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

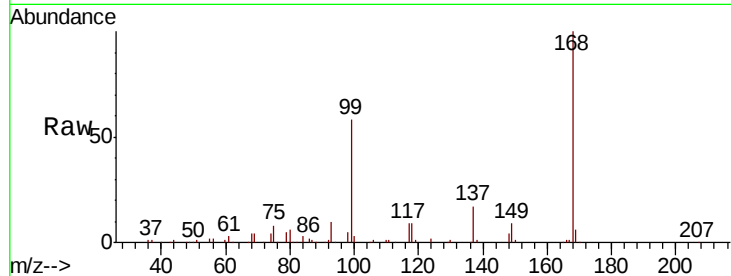
COMP-35

Tot Ion:168 Resp: 301959

Ion Ratio Lower Upper

168 100

99 57.6 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

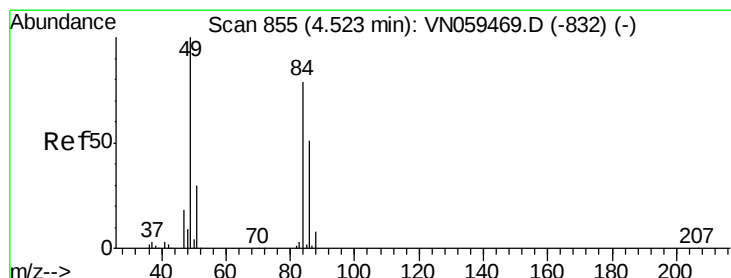
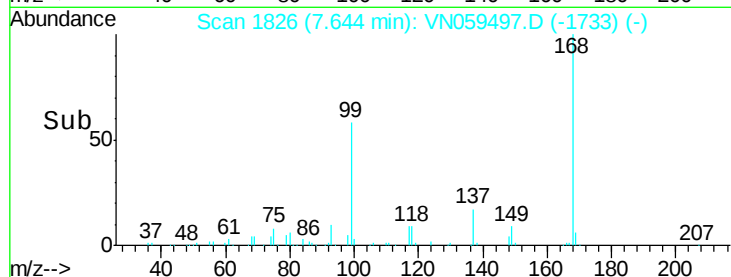
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 65.773 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059497.D

Acq: 5 Dec 2019 14:04

Tgt Ion: 84 Resp: 231053

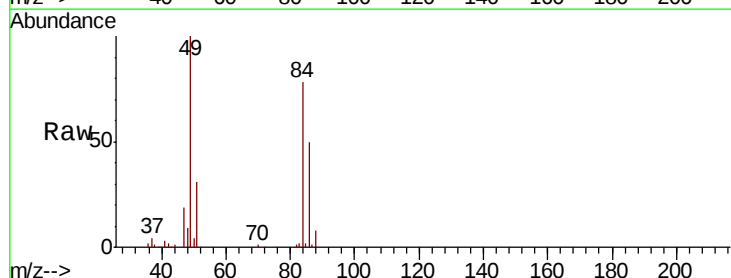
Ion Ratio Lower Upper

84 100

49 128.0 101.1 151.7

51 40.3 30.7 46.1

86 63.7 51.4 77.0



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

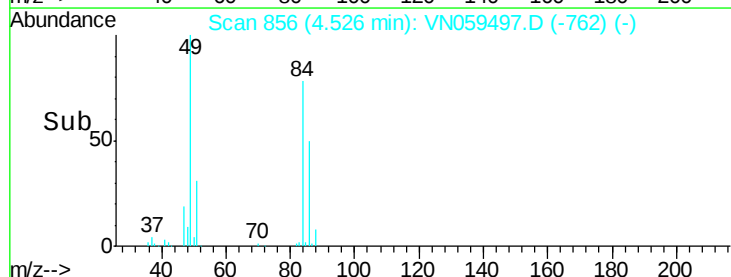
4.53

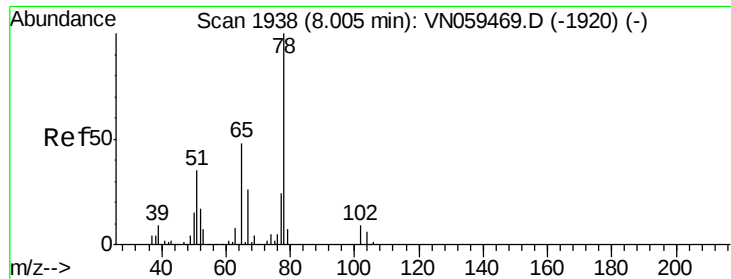
100000

50000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.908 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059497.D

Acq: 5 Dec 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

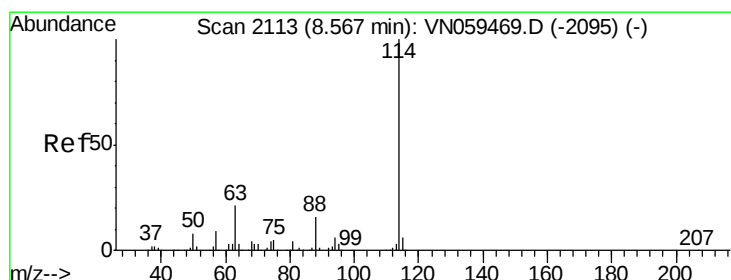
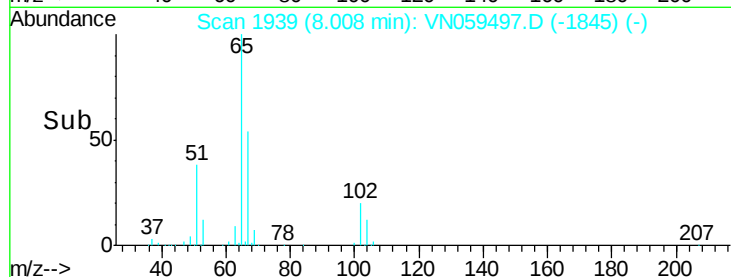
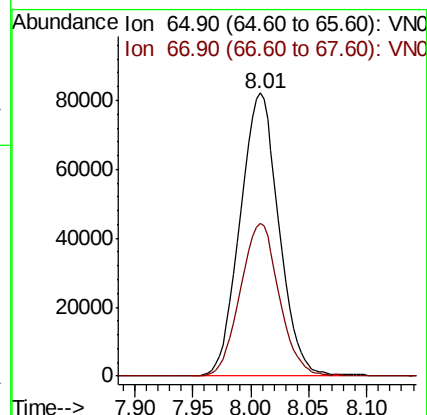
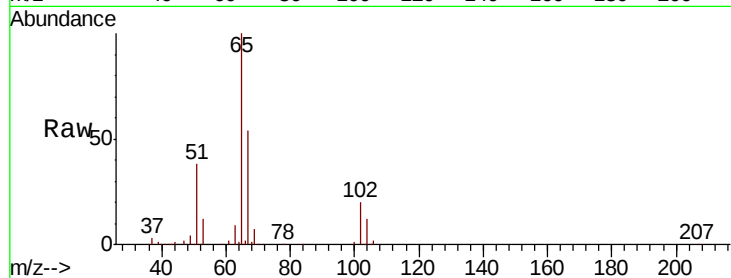
COMP-35

Tot Ion: 65 Resp: 190963

Ion Ratio Lower Upper

65 100

67 54.1 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: VN059497.D

Acq: 5 Dec 2019 14:04

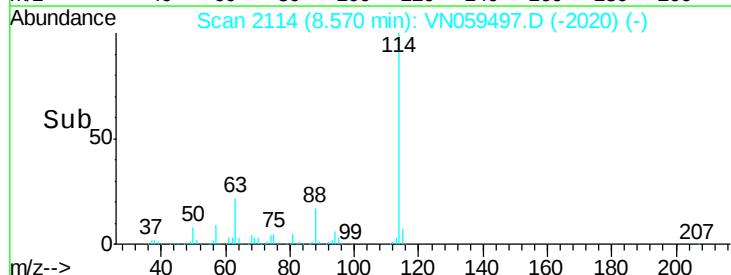
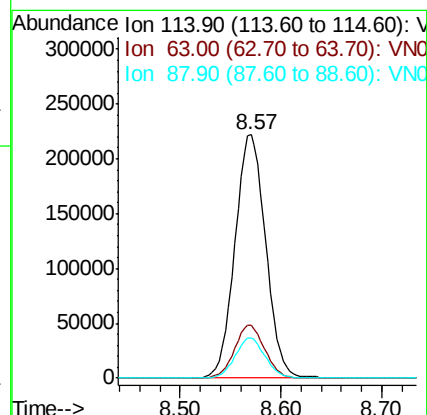
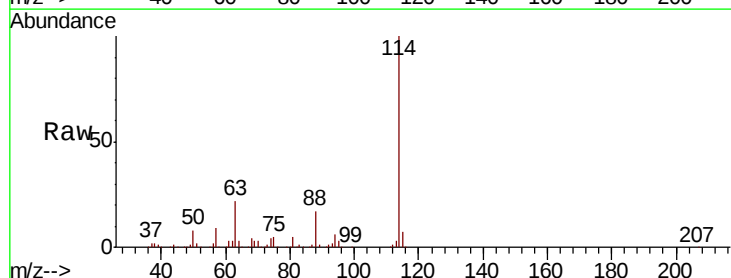
Tgt Ion: 114 Resp: 469829

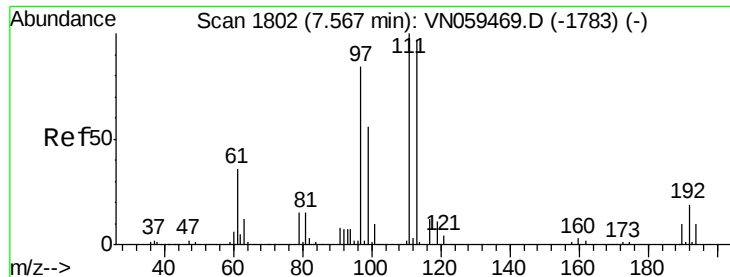
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

88 16.6 0.0 32.8

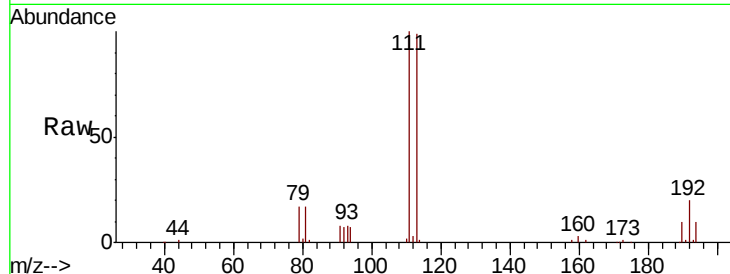




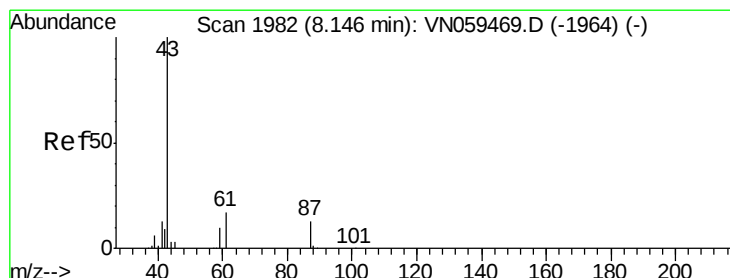
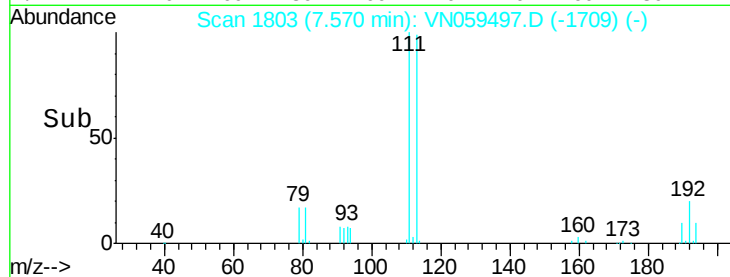
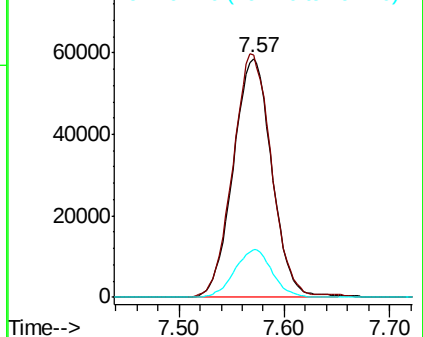
#35
 Dibromofluoromethane
 Concen: 50.728 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059497.D
 Acq: 5 Dec 2019 14:04

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-35

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.5	123.7
192	19.6	16.1	24.1

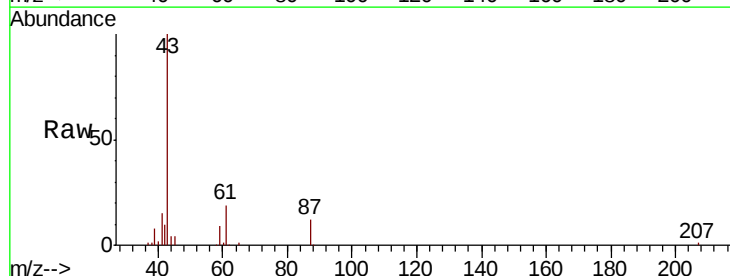


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

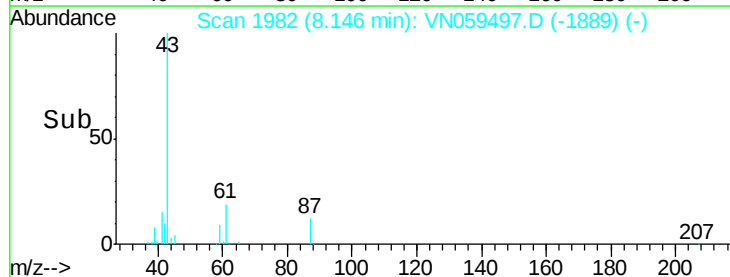
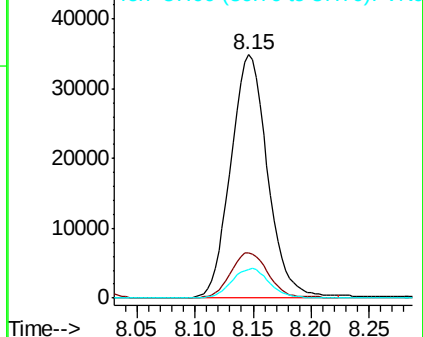


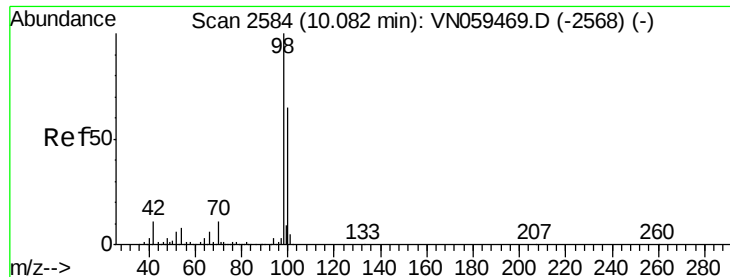
#43
 Isopropyl Acetate
 Concen: 9.484 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VN059497.D
 Acq: 5 Dec 2019 14:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.9	21.0	31.6#
87	12.3	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: 50.814 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059497.D

Acq: 5 Dec 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

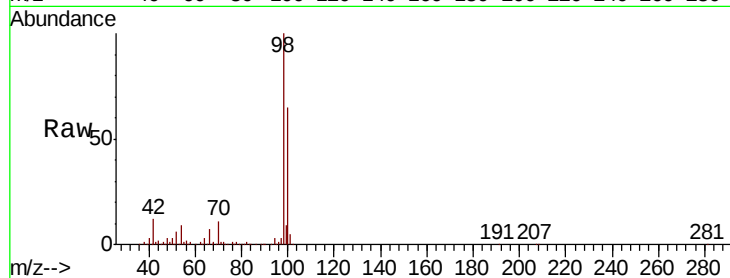
COMP-35

Tot Ion: 98 Resp: 586265

Ion Ratio Lower Upper

98 100

100 65.2 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) (-)

10.08

300000

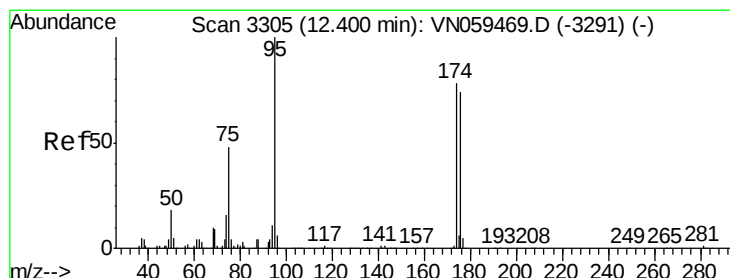
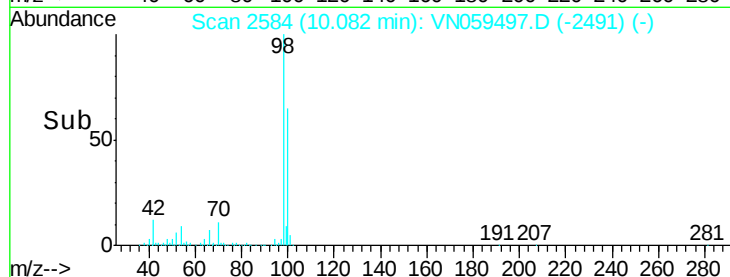
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 45.854 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059497.D

Acq: 5 Dec 2019 14:04

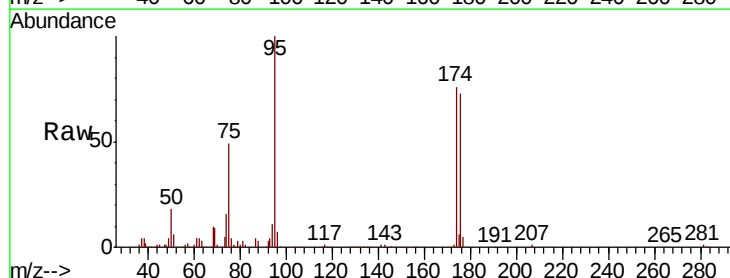
Tgt Ion: 95 Resp: 184757

Ion Ratio Lower Upper

95 100

174 77.7 0.0 157.0

176 75.1 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) (-)

12.40

150000

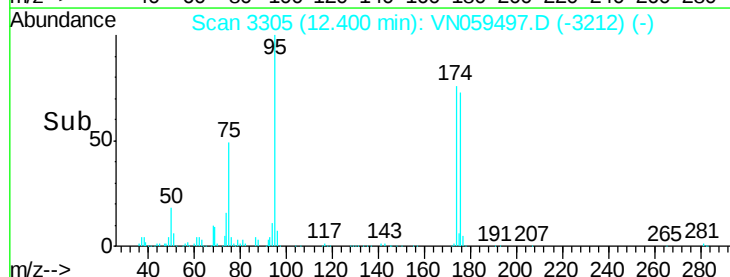
100000

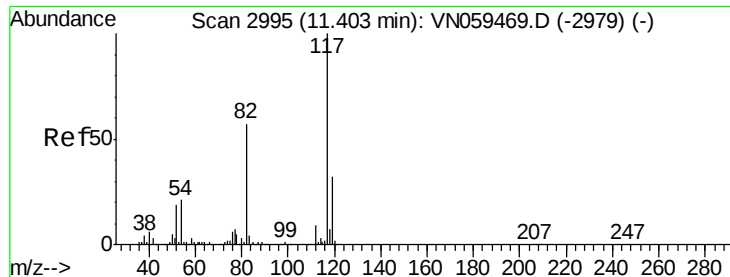
50000

0

Time-->

12.35 12.40 12.45





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059497.D

Acq: 5 Dec 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-35

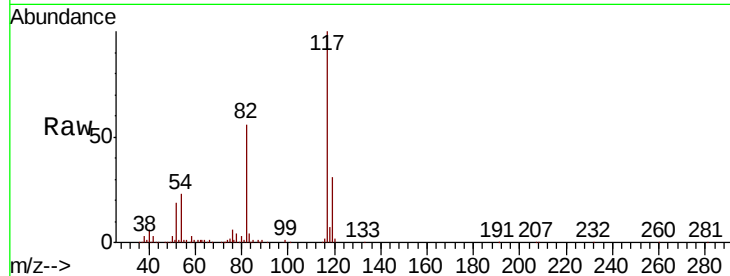
Tot Ion:117 Resp: 418105

Ion Ratio Lower Upper

117 100

82 56.5 45.8 68.8

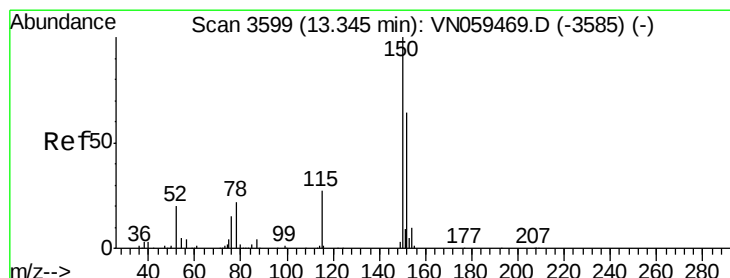
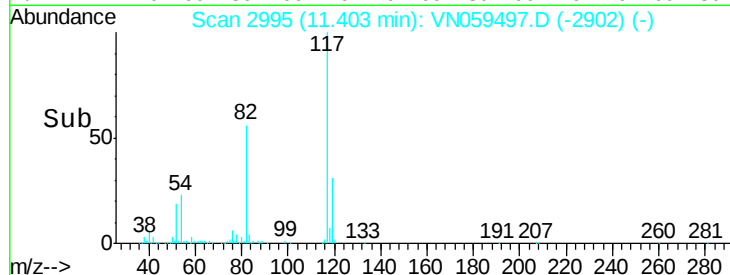
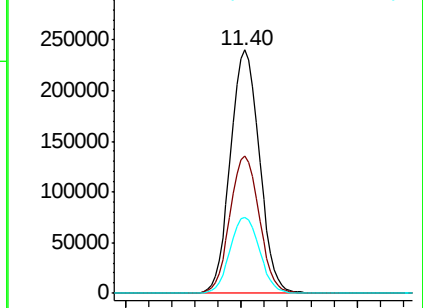
119 31.2 25.4 38.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059497.D

Acq: 5 Dec 2019 14:04

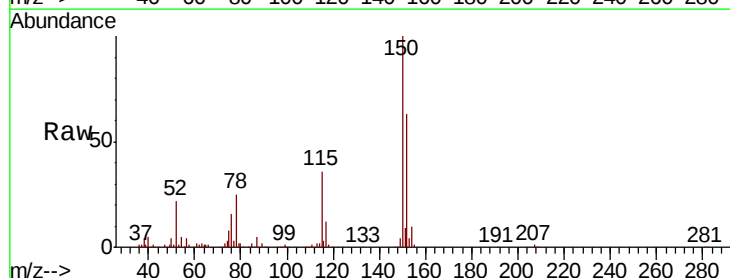
Tgt Ion:152 Resp: 154253

Ion Ratio Lower Upper

152 100

115 59.3 29.2 87.6

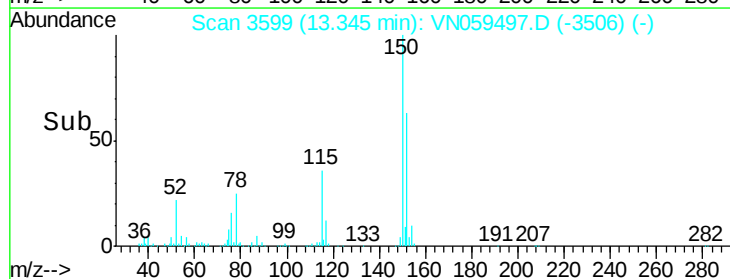
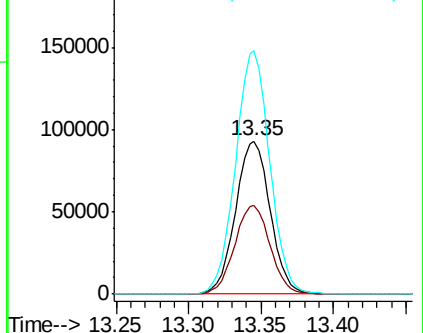
150 157.3 0.0 352.8

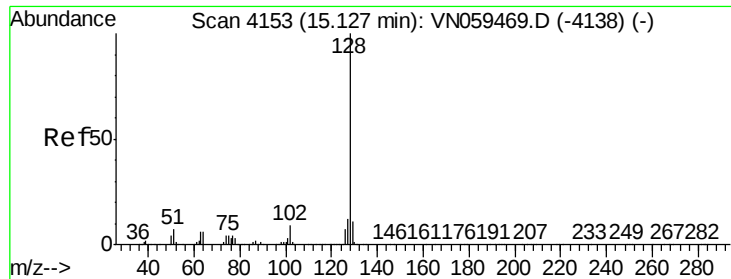


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.602 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN059497.D

Acq: 5 Dec 2019 14:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-35

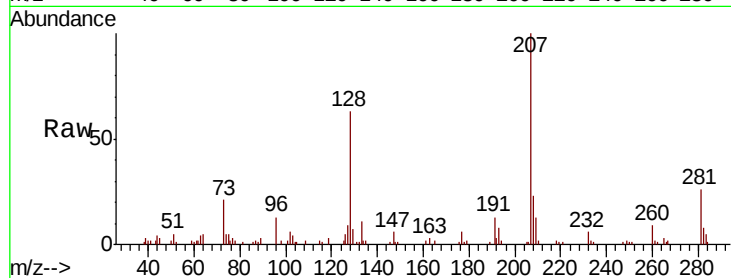
Tot Ion:128 Resp: 20089

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.4 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

