

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091619\
 Data File : VN058119.D
 Acq On : 16 Sep 2019 15:23
 Operator : JC/SP
 Sample : K4719-30
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-3-(1.5)-HELLGATE

Quant Time: Sep 17 09:10:17 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

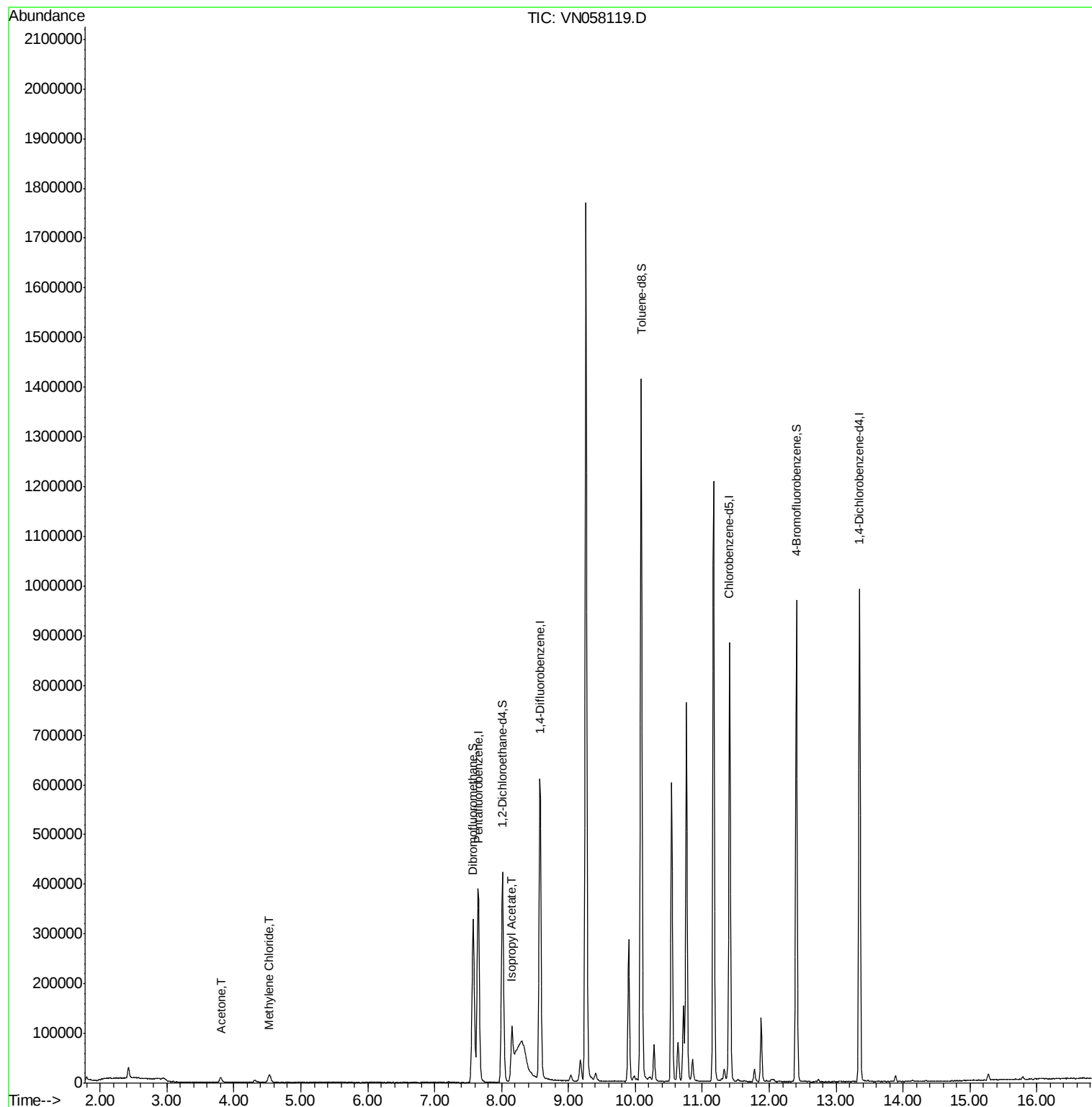
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	299317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	519314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	250557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	362872	59.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.72%	
35) Dibromofluoromethane	7.57	113	249343	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
50) Toluene-d8	10.08	98	978550	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.41	95	326178	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
Target Compounds						
16) Acetone	3.81	43	16002	8.052	ug/l	97
20) Methylene Chloride	4.53	84	11646	1.894	ug/l	92
43) Isopropyl Acetate	8.16	43	141871	13.558	ug/l #	84

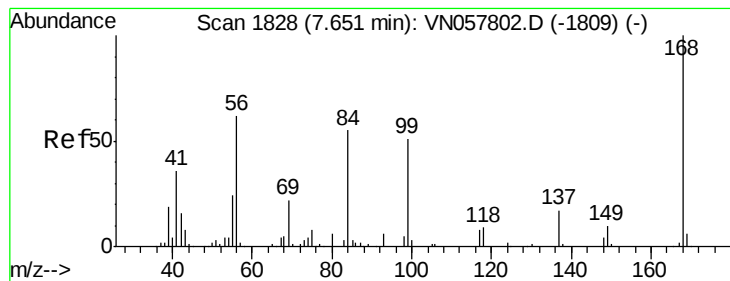
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

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MSVOA_N

ClientSampleId :

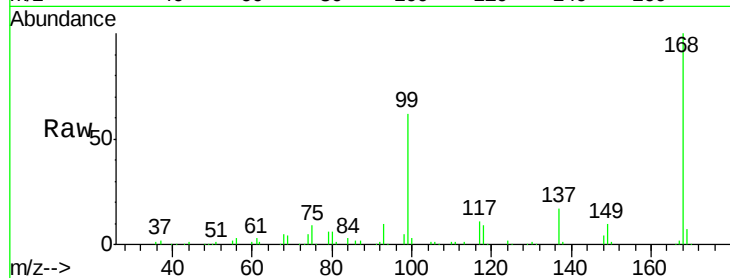
T4-3-(1.5)-HELLGATE

Tot Ion:168 Resp: 299317

Ion Ratio Lower Upper

168 100

99 62.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

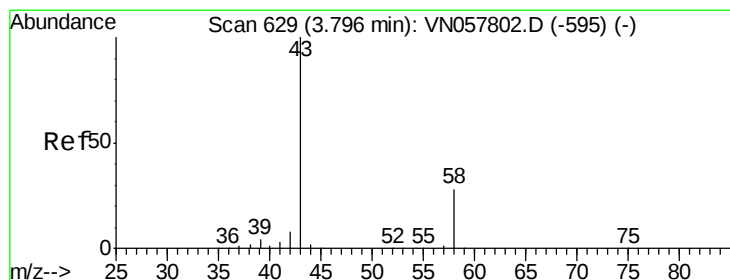
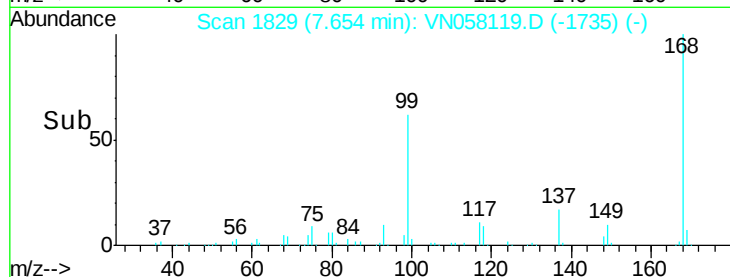
7.65

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 8.052 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058119.D

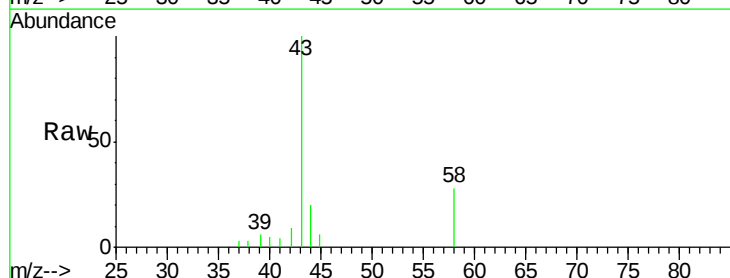
Acq: 16 Sep 2019 15:23

Tgt Ion: 43 Resp: 16002

Ion Ratio Lower Upper

43 100

58 29.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

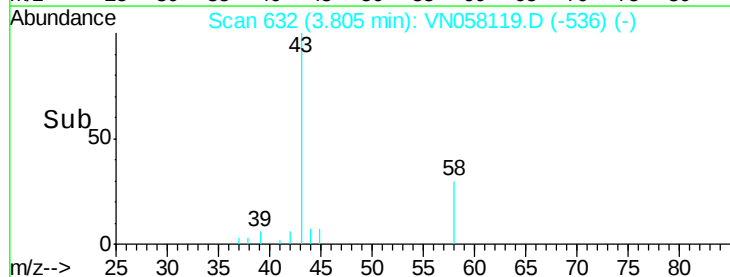
6000

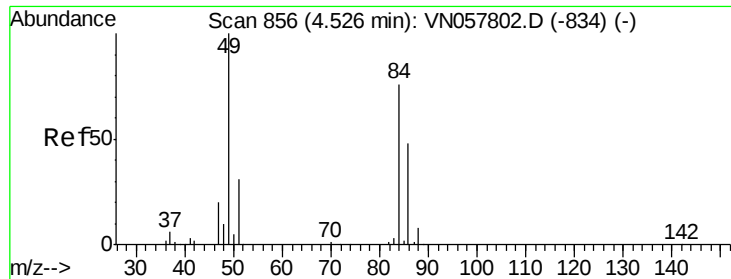
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

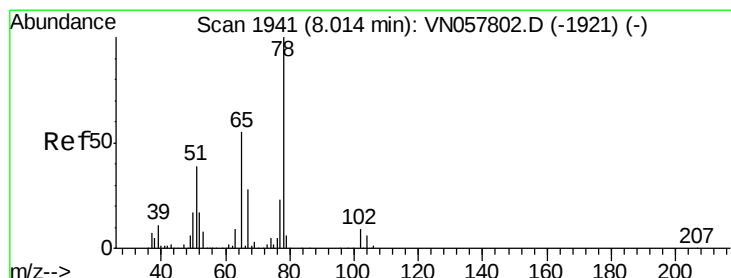
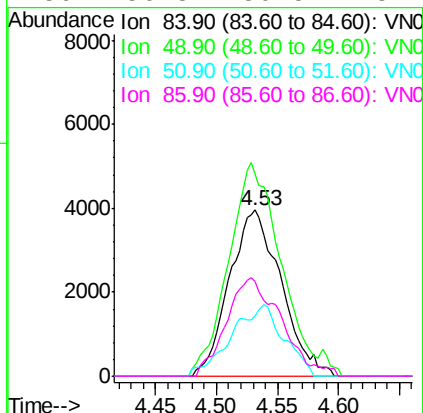
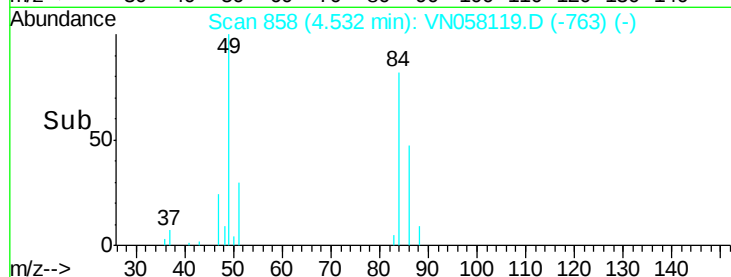
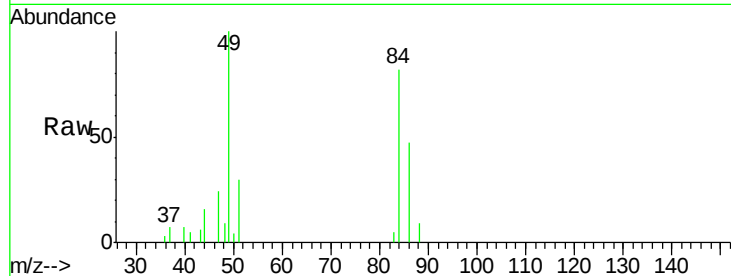




#20
Methylene Chloride
Concen: 1.894 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058119.D
Acq: 16 Sep 2019 15:23

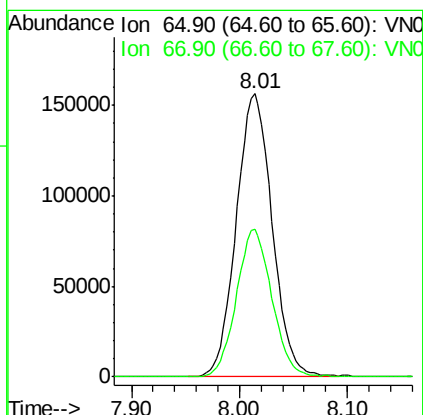
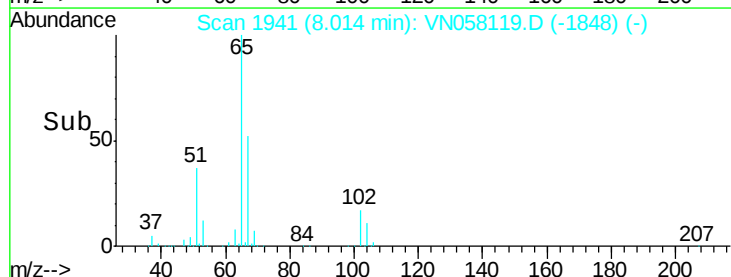
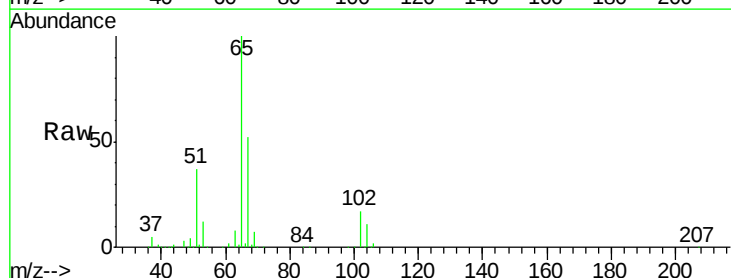
Instrument :
MSVOA_N
ClientSampleId :
T4-3-(1.5)-HELLGATE

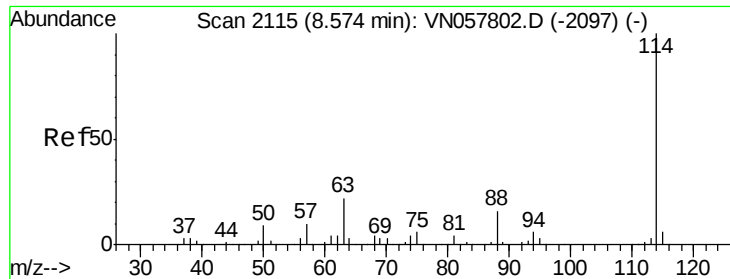
Tot Ion:	84	Resp:	11646
Ion	Ratio	Lower	Upper
84	100		
49	122.2	104.8	157.2
51	36.5	33.0	49.4
86	56.8	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 59.856 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058119.D
Acq: 16 Sep 2019 15:23

Tgt Ion:	65	Resp:	362872
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0

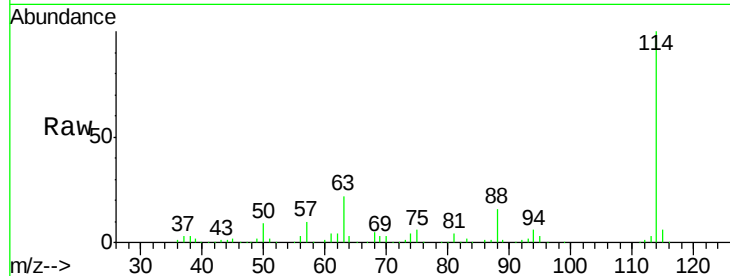




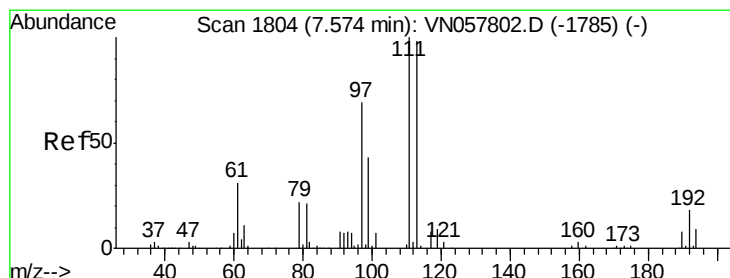
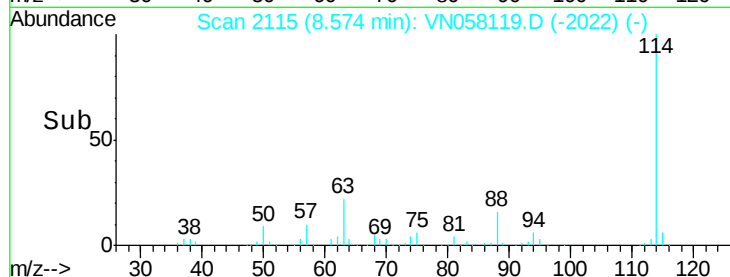
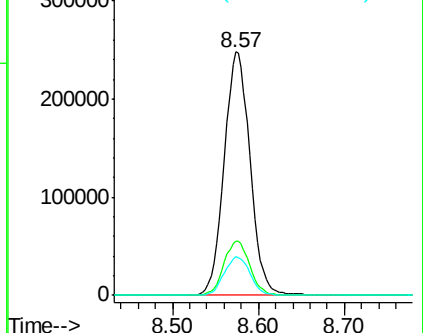
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058119.D
 Acq: 16 Sep 2019 15:23

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-3-(1.5)-HELLGATE

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	15.9	0.0	31.4

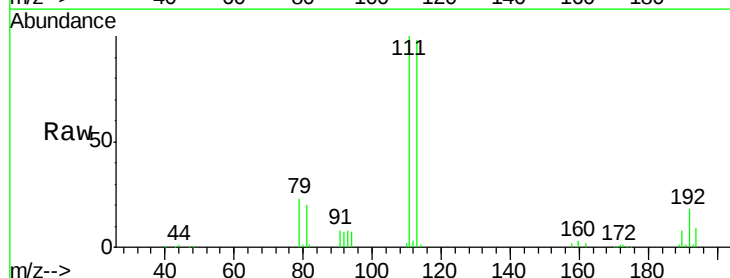


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

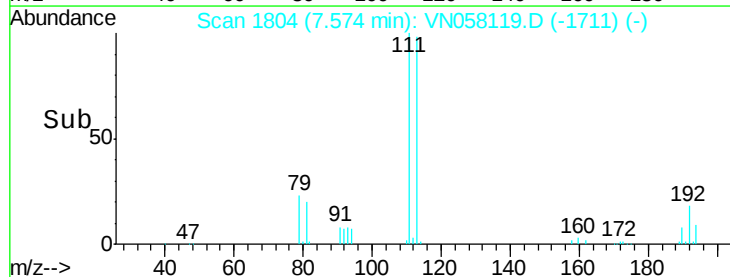
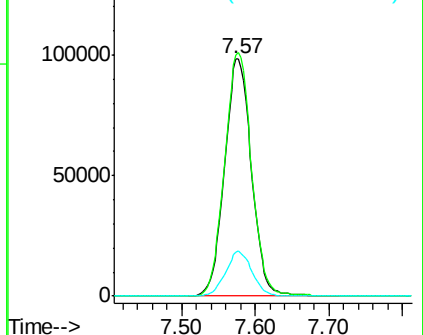


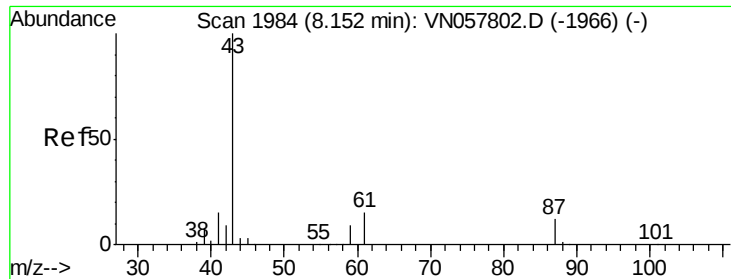
#35
 Dibromofluoromethane
 Concen: 52.022 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058119.D
 Acq: 16 Sep 2019 15:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.3	121.9
192	18.4	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





#43

Isopropyl Acetate

Concen: 13.558 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN058119.D

Acq: 16 Sep 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

T4-3-(1.5)-HELLGATE

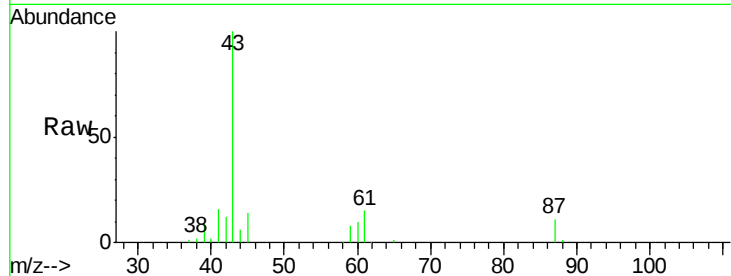
Tot Ion: 43 Resp: 141871

Ion Ratio Lower Upper

43 100

61 14.6 20.1 30.1#

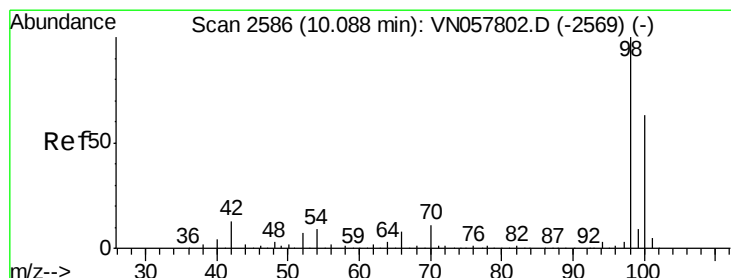
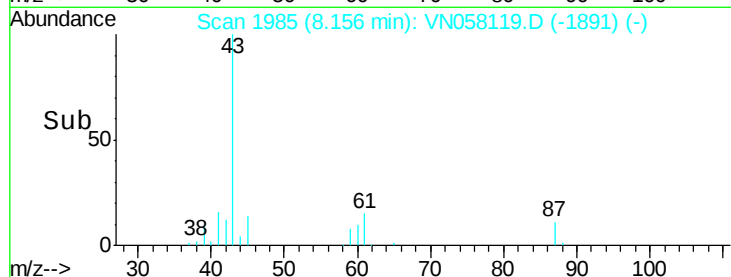
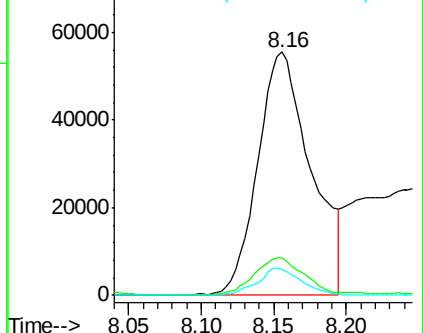
87 9.2 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN058119.D (-1984) (-)

Ion 61.00 (60.70 to 61.70): VN058119.D (-1984) (-)

Ion 87.00 (86.70 to 87.70): VN058119.D (-1984) (-)



#50

Toluene-d8

Concen: 52.584 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058119.D

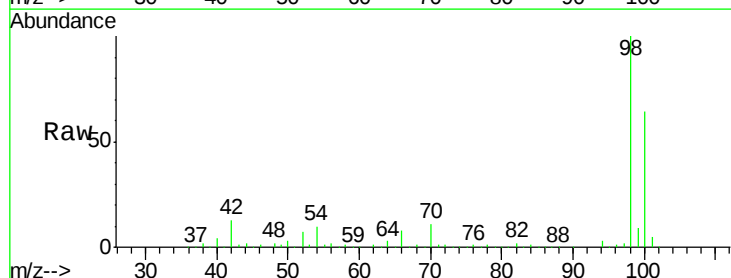
Acq: 16 Sep 2019 15:23

Tgt Ion: 98 Resp: 978550

Ion Ratio Lower Upper

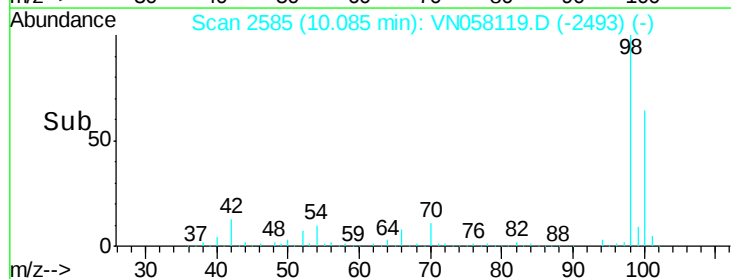
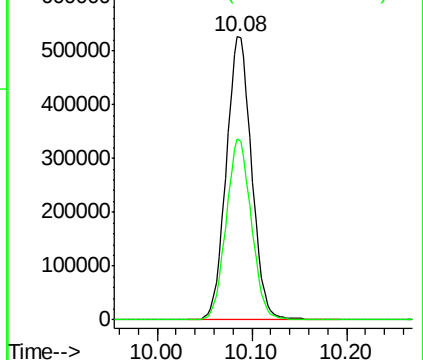
98 100

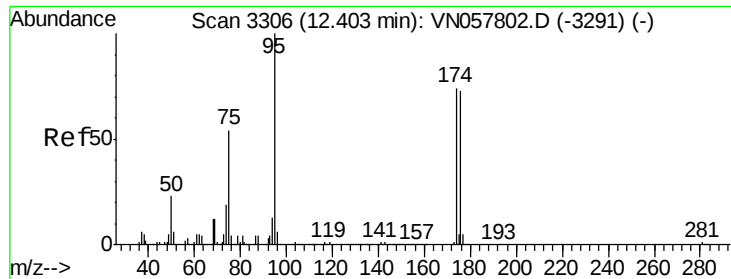
100 63.7 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN058119.D (-2586) (-)

Ion 100.00 (99.70 to 100.70): VN058119.D (-2586) (-)





#62

4-Bromofluorobenzene

Concen: 45.994 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058119.D

Acq: 16 Sep 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

T4-3-(1.5)-HELLGATE

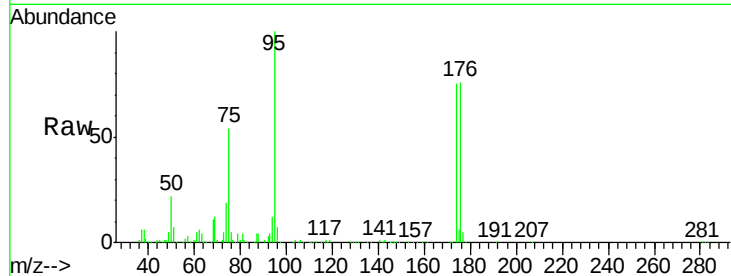
Tot Ion: 95 Resp: 326178

Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.2

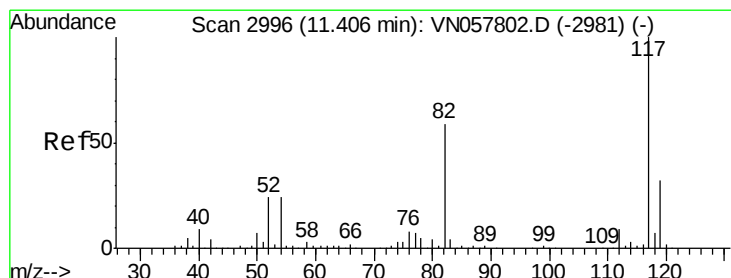
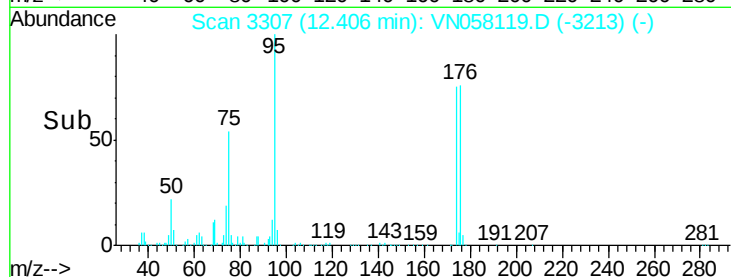
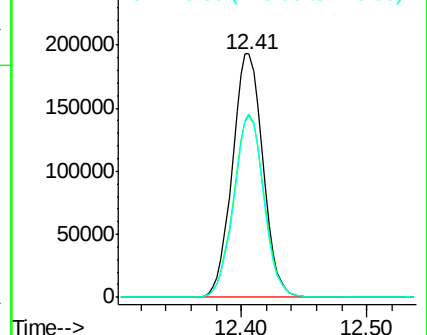
176 73.5 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058119.D

Acq: 16 Sep 2019 15:23

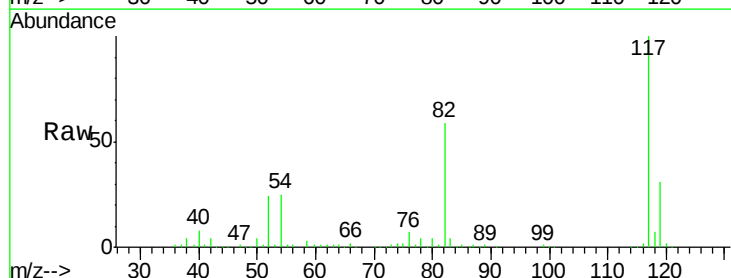
Tgt Ion: 117 Resp: 475662

Ion Ratio Lower Upper

117 100

82 58.8 47.2 70.8

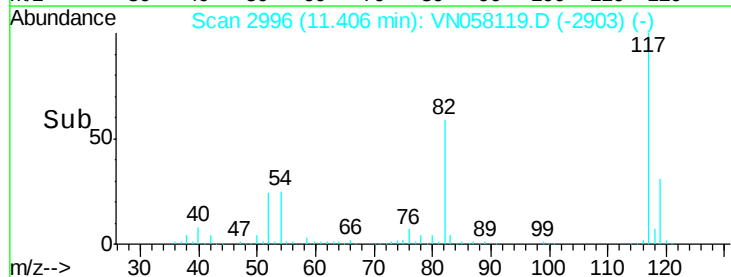
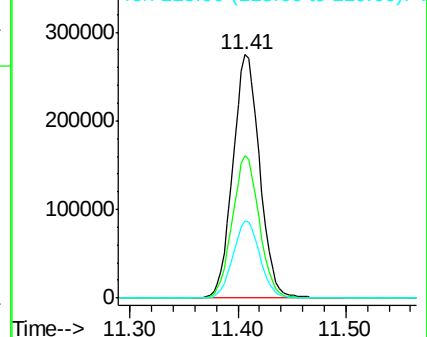
119 31.5 25.3 37.9

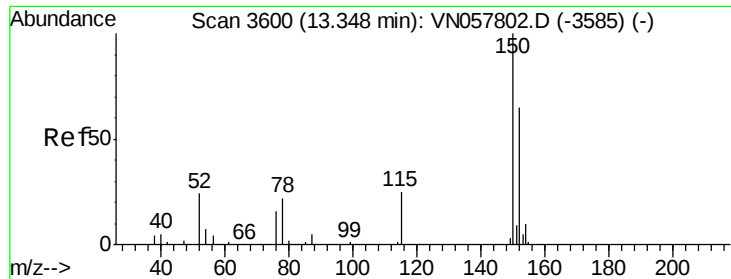


Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058119.D

Acq: 16 Sep 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

T4-3-(1.5)-HELLGATE

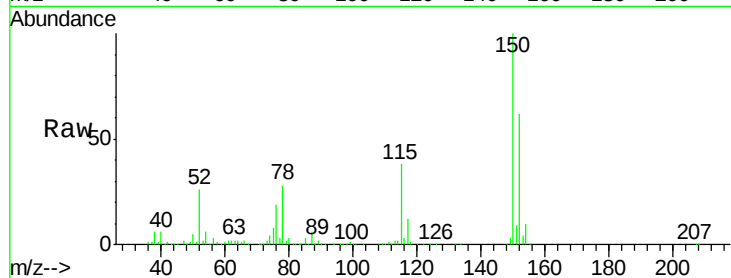
Tot Ion:152 Resp: 250557

Ion Ratio Lower Upper

152 100

115 61.0 30.3 91.0

150 157.7 0.0 352.4



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

