

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057481.D
 Acq On : 23 Aug 2019 19:11
 Operator : JC/SP
 Sample : K4472-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S3(0)

Quant Time: Aug 26 05:37:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

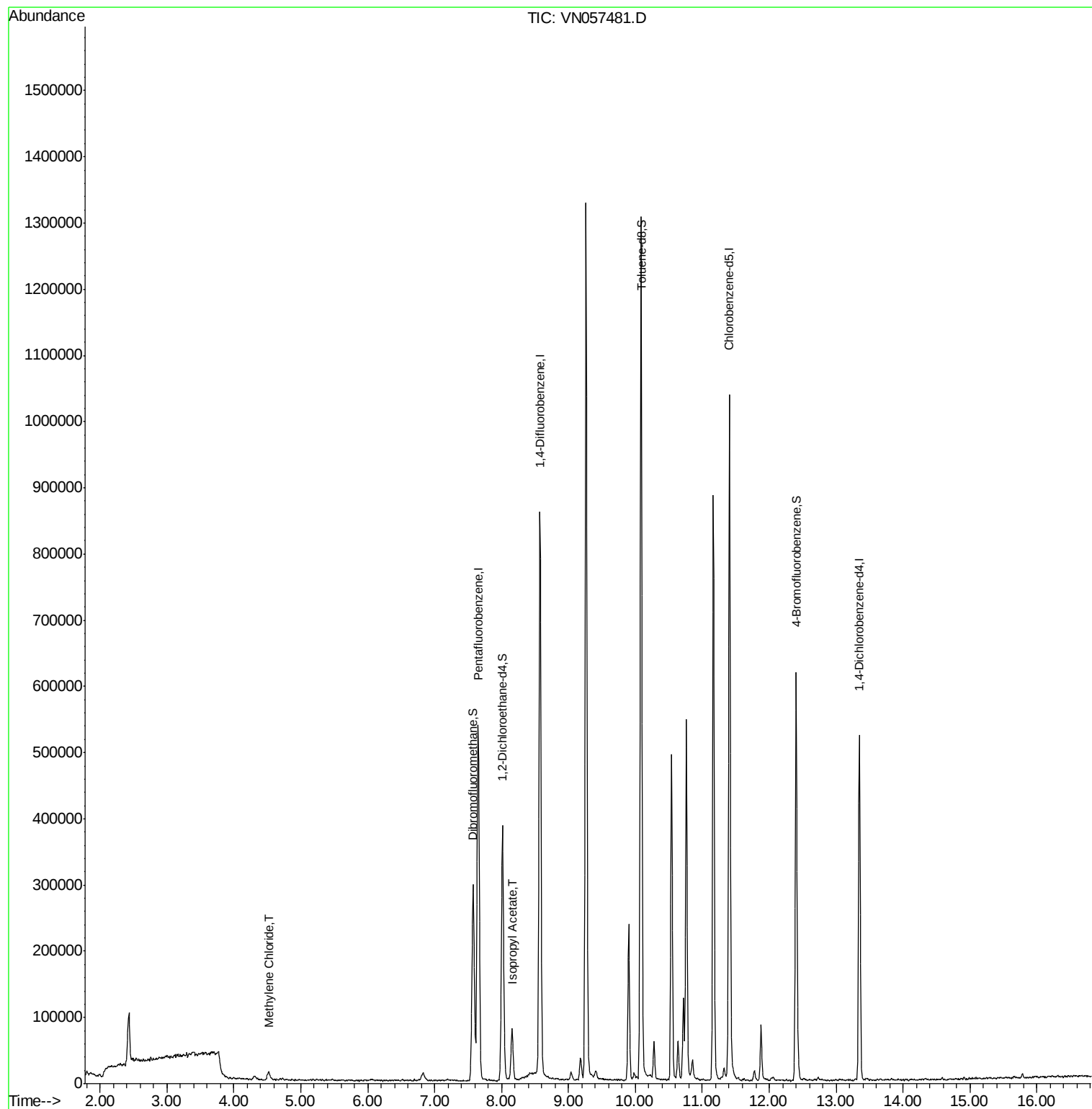
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	391097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	675983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	544557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	128468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	320120	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
35) Dibromofluoromethane	7.57	113	214570	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	10.08	98	849486	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	12.40	95	224242	38.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.66%	
Target Compounds						
20) Methylene Chloride	4.52	84	8057	1.648	ug/l	96
43) Isopropyl Acetate	8.16	43	99475	7.949	ug/l	98

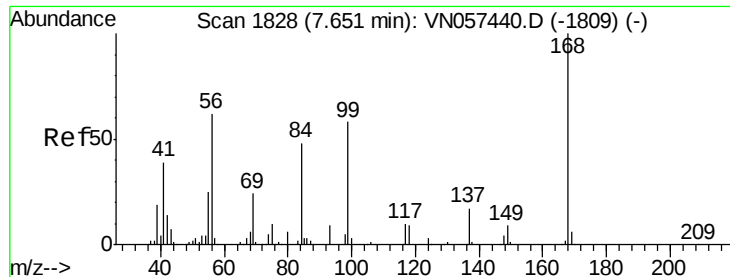
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082419\
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QLast Update : Fri Aug 23 05:07:29 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: VN057481.D

Acq: 23 Aug 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

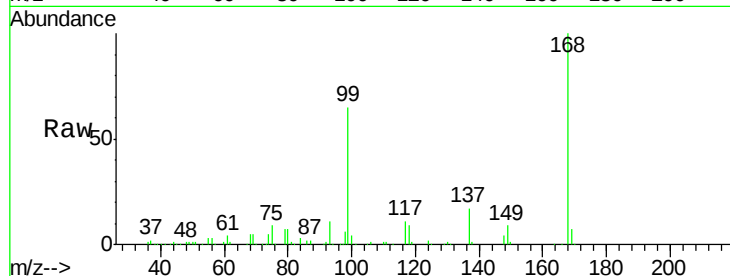
T1-S3(0)

Tot Ion:168 Resp: 391097

Ion Ratio Lower Upper

168 100

99 65.2 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

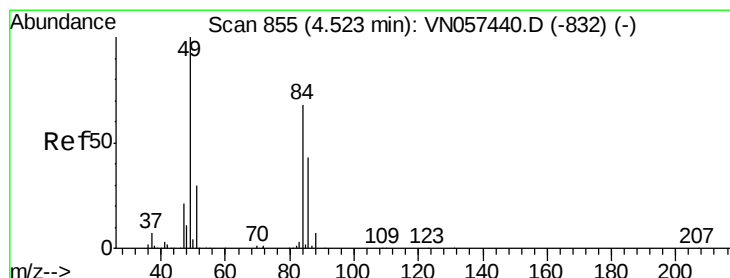
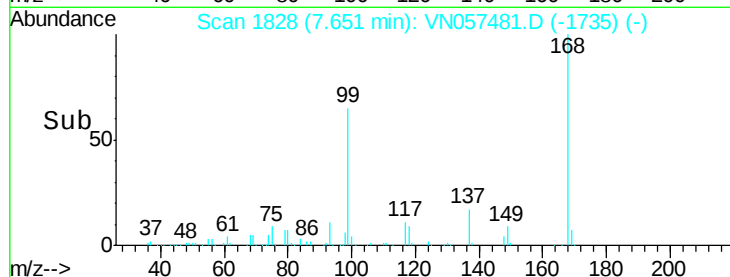
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.648 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN057481.D

Acq: 23 Aug 2019 19:11

Tgt Ion: 84 Resp: 8057

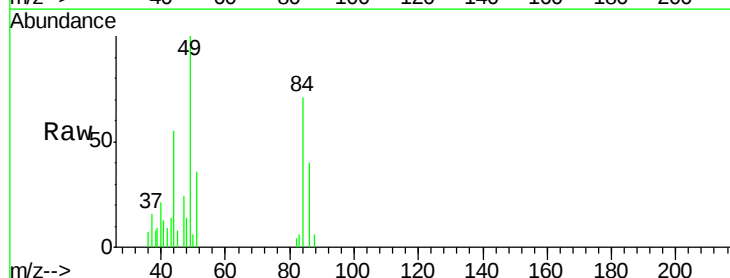
Ion Ratio Lower Upper

84 100

49 141.2 117.0 175.4

51 45.8 35.5 53.3

86 56.8 49.8 74.8



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

4.52

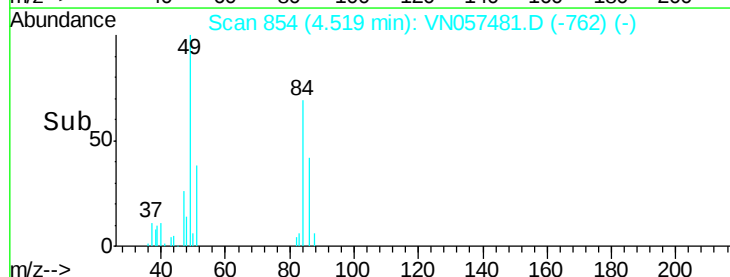
3000

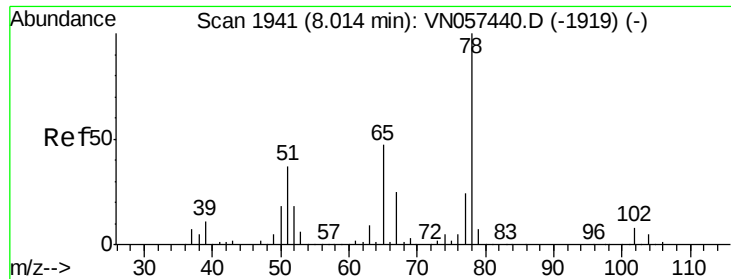
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.530 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057481.D

Acq: 23 Aug 2019 19:11

Instrument :

MSVOA_N

ClientSampled :

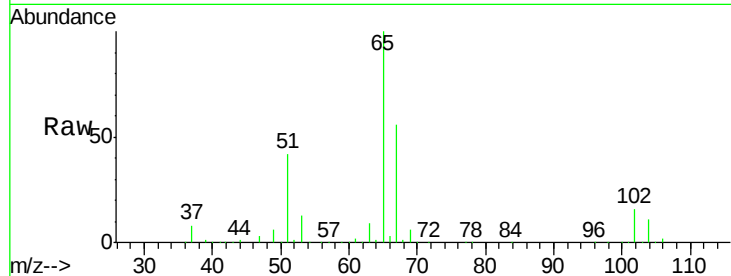
T1-S3(0)

Tot Ion: 65 Resp: 320120

Ion Ratio Lower Upper

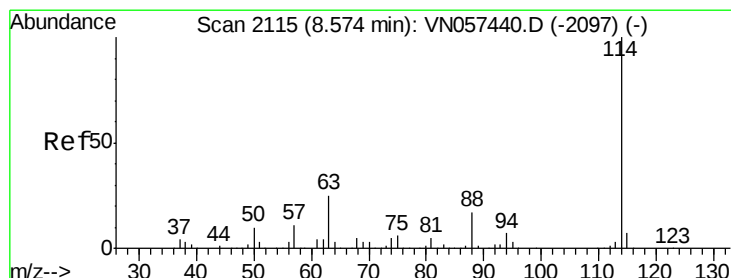
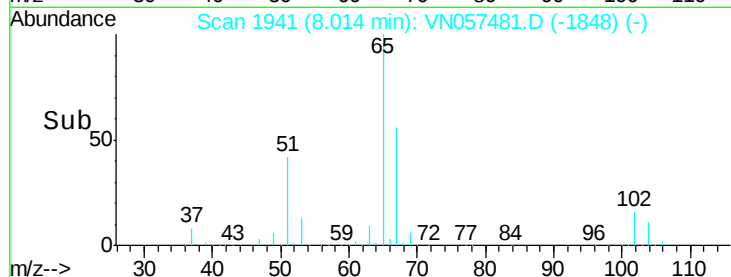
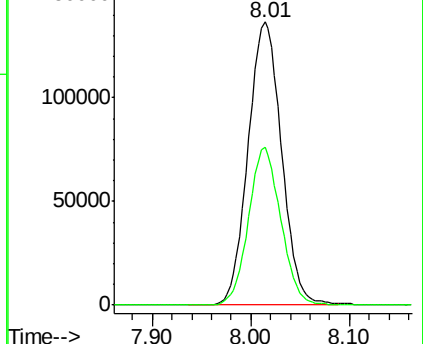
65 100

67 53.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057481.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN057481.D (-1848) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057481.D

Acq: 23 Aug 2019 19:11

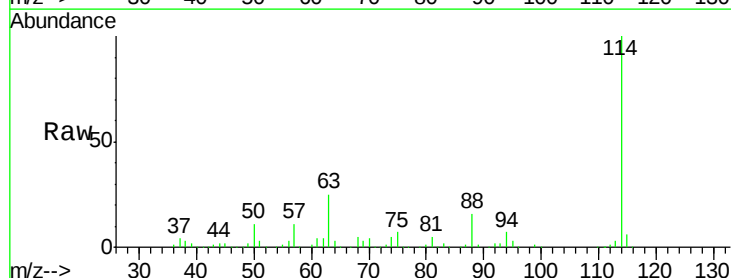
Tgt Ion: 114 Resp: 675983

Ion Ratio Lower Upper

114 100

63 25.2 0.0 50.2

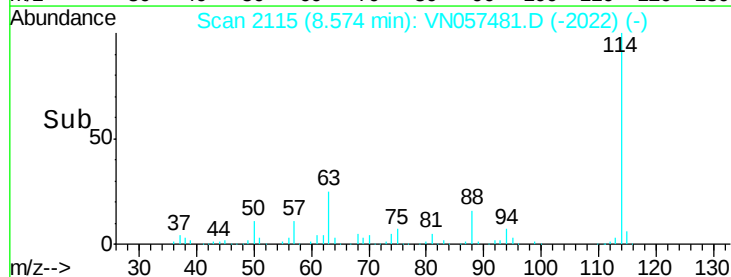
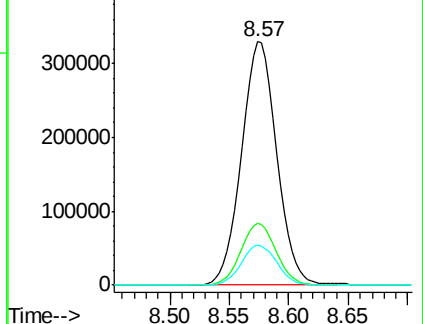
88 16.3 0.0 34.6

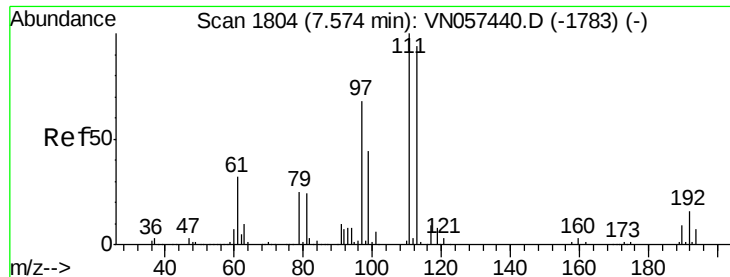


Abundance Ion 113.90 (113.60 to 114.60): VN057481.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN057481.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN057481.D (-2022) (-)

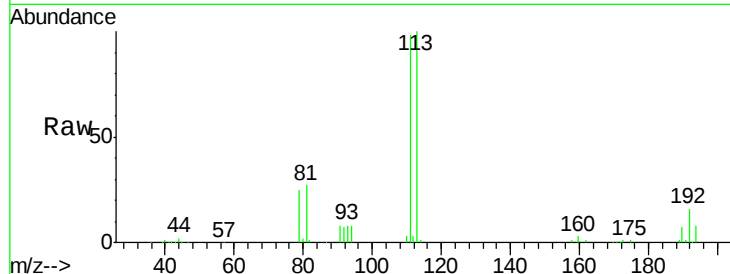




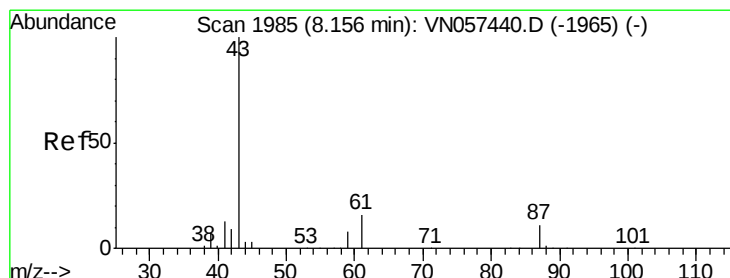
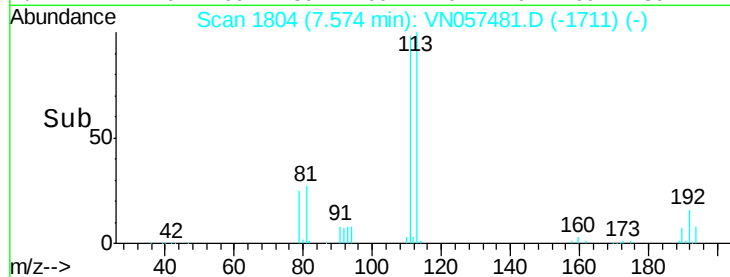
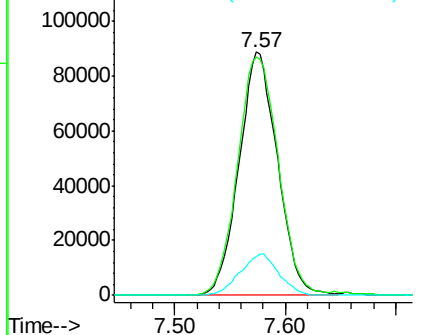
#35
 Dibromofluoromethane
 Concen: 46.993 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057481.D
 Acq: 23 Aug 2019 19:11

Instrument :
 MSVOA_N
 ClientSampled :
 T1-S3(0)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.8	125.6
192	17.2	13.5	20.3

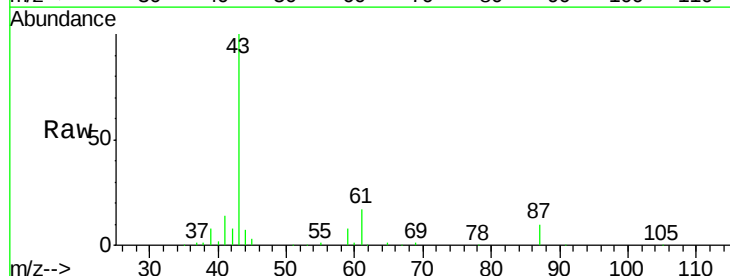


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

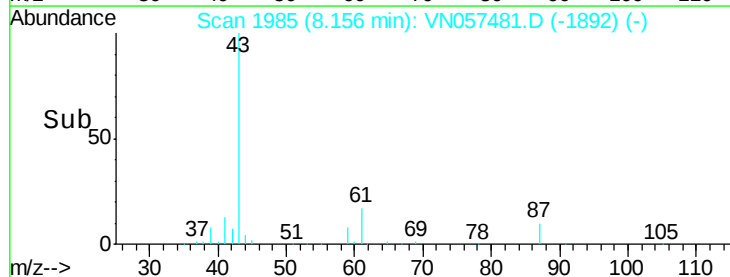
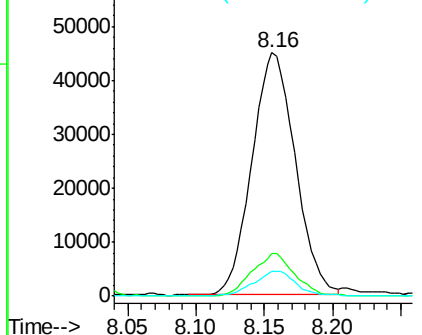


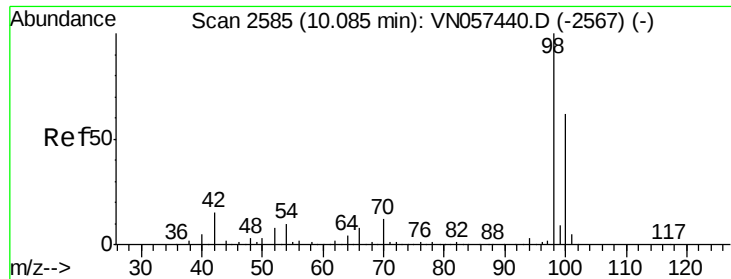
#43
 Isopropyl Acetate
 Concen: 7.949 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057481.D
 Acq: 23 Aug 2019 19:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.5	21.7
87	10.2	8.6	12.8



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: 49.203 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057481.D

Acq: 23 Aug 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

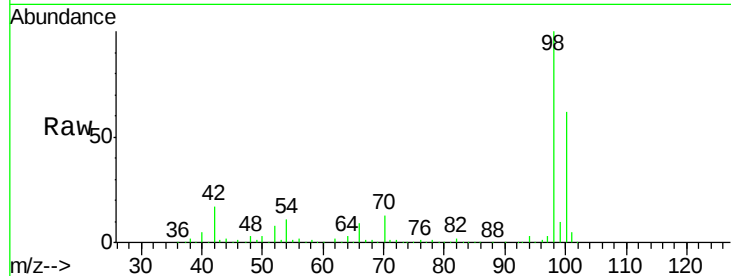
T1-S3(0)

Tot Ion: 98 Resp: 849486

Ion Ratio Lower Upper

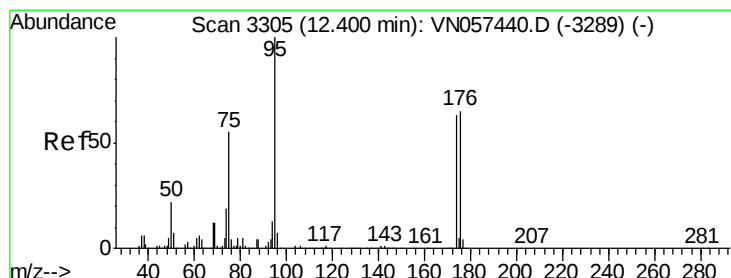
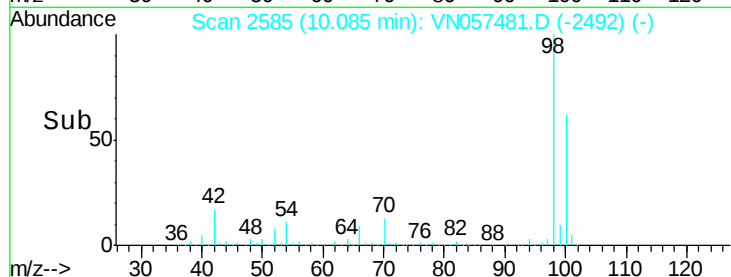
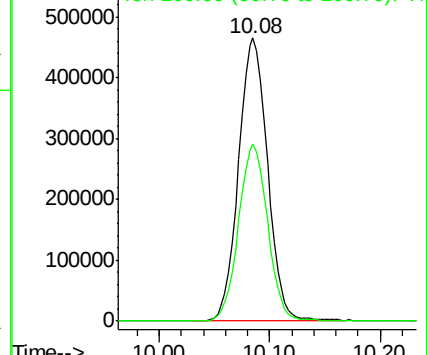
98 100

100 62.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 38.327 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057481.D

Acq: 23 Aug 2019 19:11

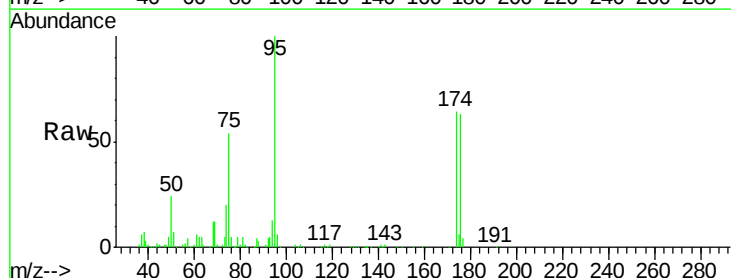
Tgt Ion: 95 Resp: 224242

Ion Ratio Lower Upper

95 100

174 67.8 0.0 133.0

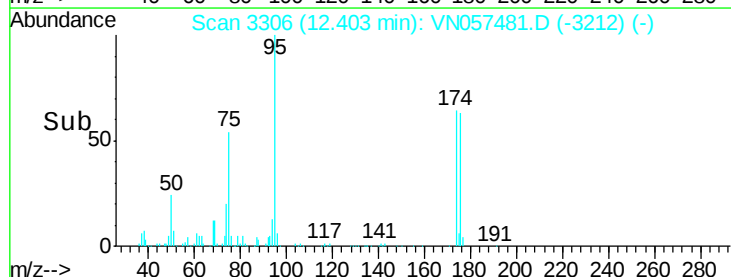
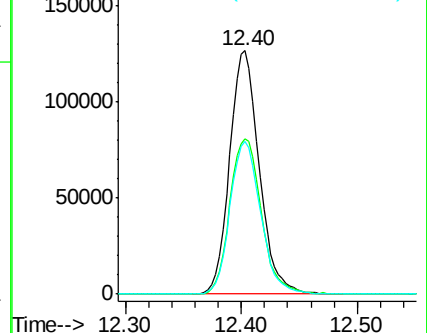
176 64.6 0.0 130.8

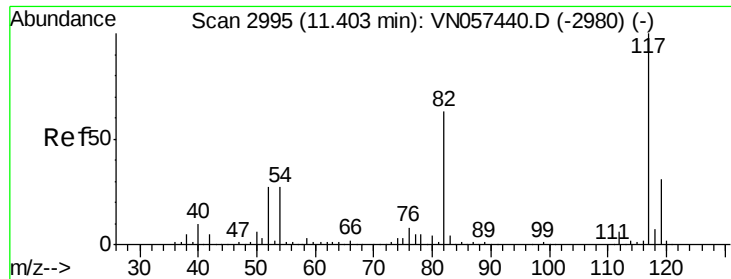


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057481.D

Acq: 23 Aug 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

T1-S3(0)

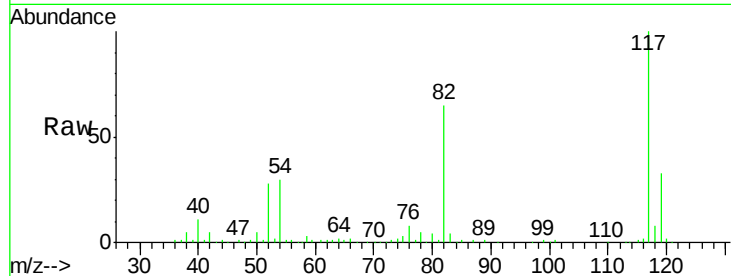
Tot Ion:117 Resp: 544557

Ion Ratio Lower Upper

117 100

82 64.8 50.6 75.8

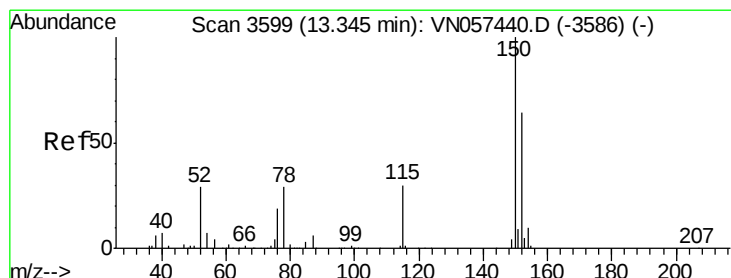
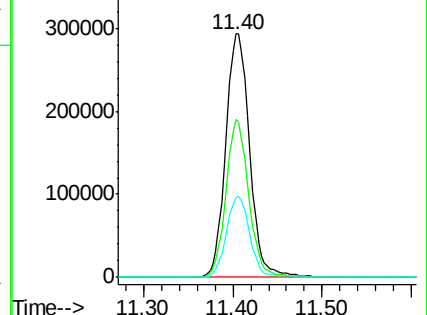
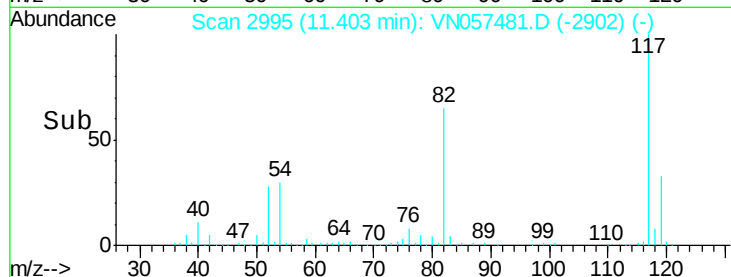
119 32.6 24.6 36.8



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# 3600

Delta R.T. 0.00 min

Lab File: VN057481.D

Acq: 23 Aug 2019 19:11

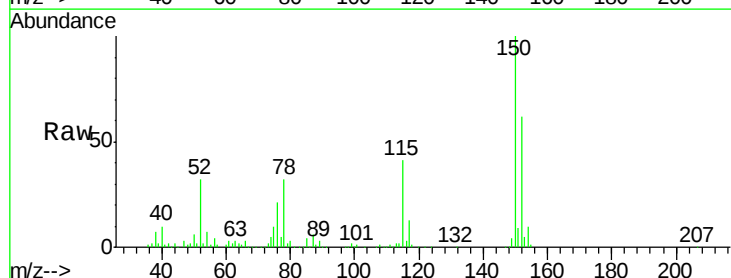
Tgt Ion:152 Resp: 128468

Ion Ratio Lower Upper

152 100

115 63.4 32.0 96.0

150 158.7 0.0 346.6



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

