

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081819\
 Data File : VN057377.D
 Acq On : 17 Aug 2019 00:51
 Operator : JC/SP
 Sample : K3616-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-081519-A

Quant Time: Aug 17 04:33:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

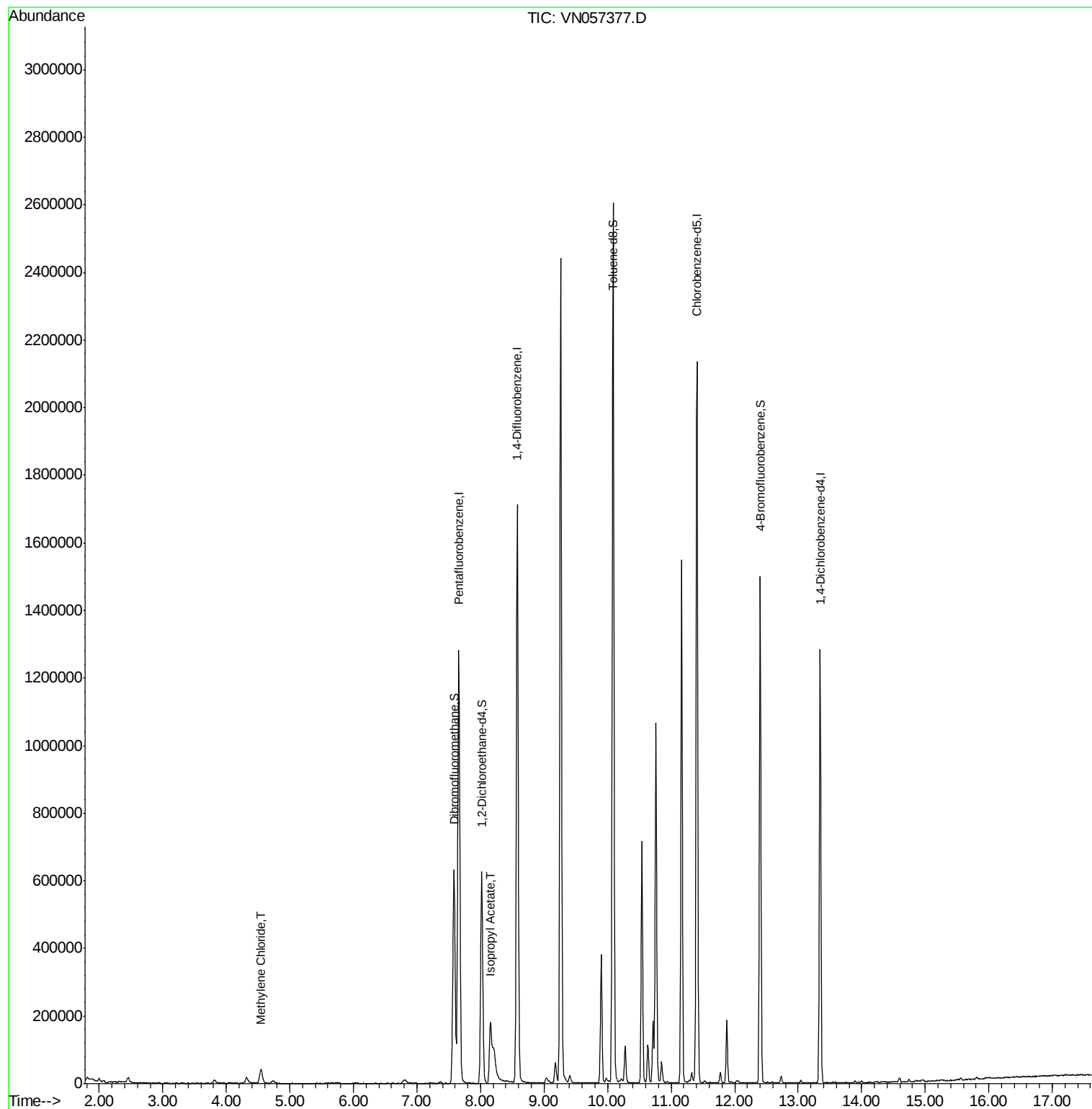
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1161104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1628351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1377518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	379134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	540677	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	
35) Dibromofluoromethane	7.58	113	483372	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
50) Toluene-d8	10.09	98	1902998	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.40	95	512740	37.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.32%	
Target Compounds						
20) Methylene Chloride	4.55	84	33743	2.754	ug/l	92
43) Isopropyl Acetate	8.16	43	235778	10.047	ug/l #	80

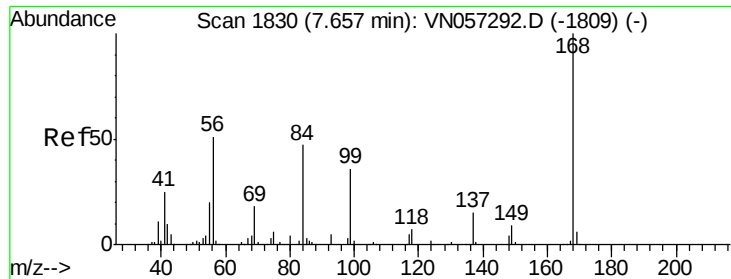
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081819\
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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

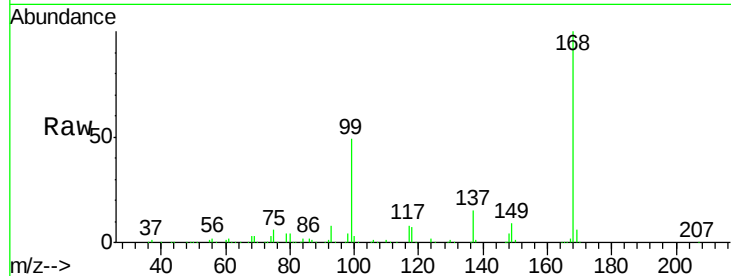
JC-03-081519-A

Tot Ion:168 Resp: 1161104

Ion Ratio Lower Upper

168 100

99 48.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

500000

400000

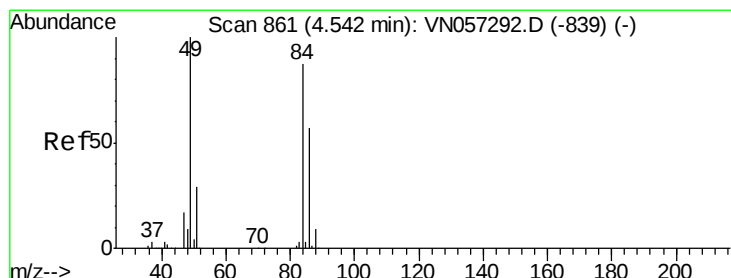
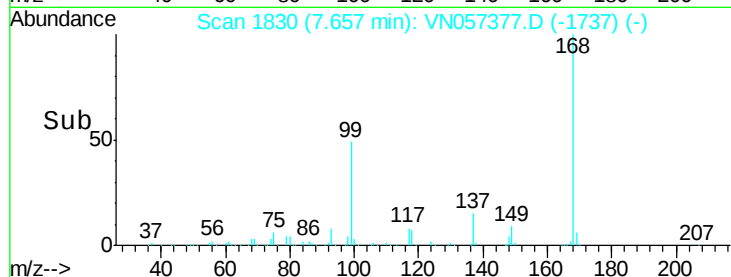
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 2.754 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

Tgt Ion: 84 Resp: 33743

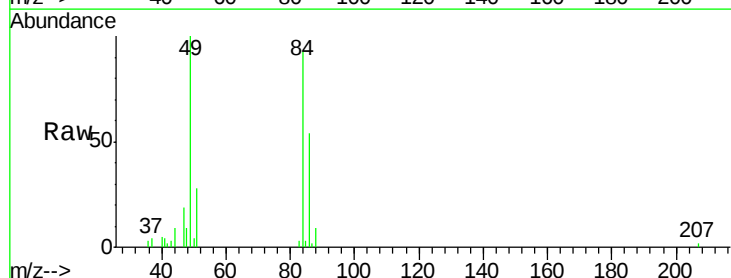
Ion Ratio Lower Upper

84 100

49 107.4 92.0 138.0

51 30.0 27.1 40.7

86 57.5 52.2 78.2



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

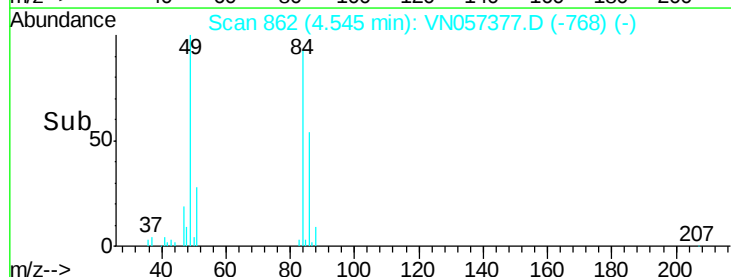
15000

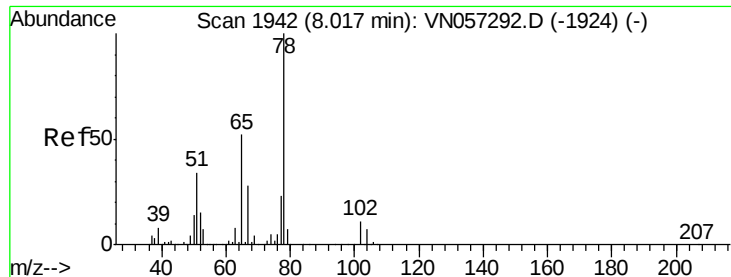
10000

5000

0

Time--> 4.50 4.60





#33

1,2-Dichloroethane-d4

Concen: 42.835 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

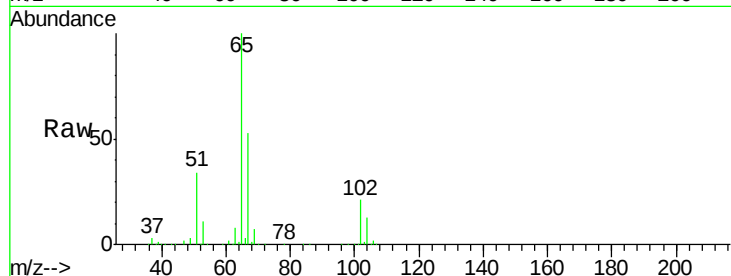
JC-03-081519-A

Tot Ion: 65 Resp: 540677

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

250000

200000

150000

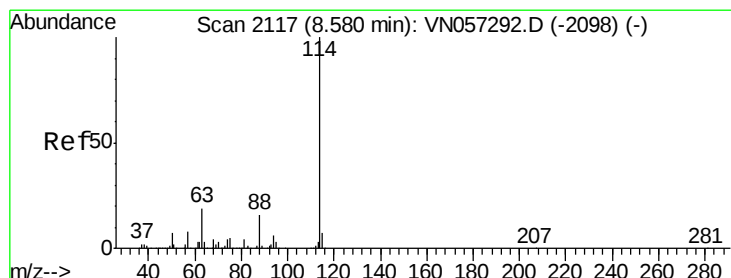
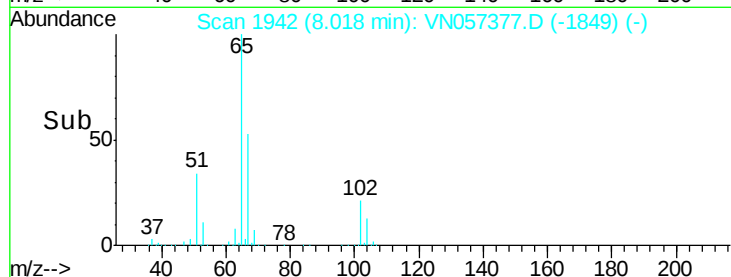
100000

50000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

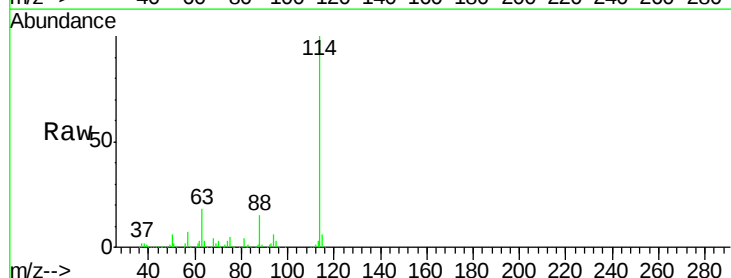
Tgt Ion: 114 Resp: 1628351

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.8

88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.58

1000000

800000

600000

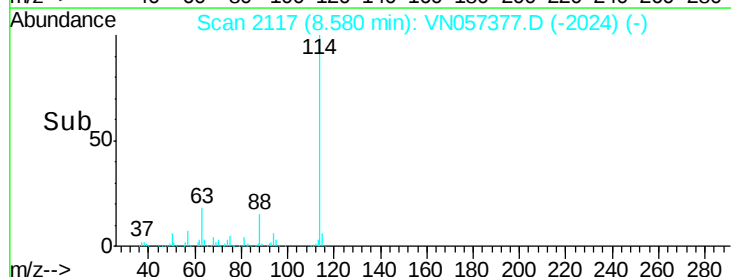
400000

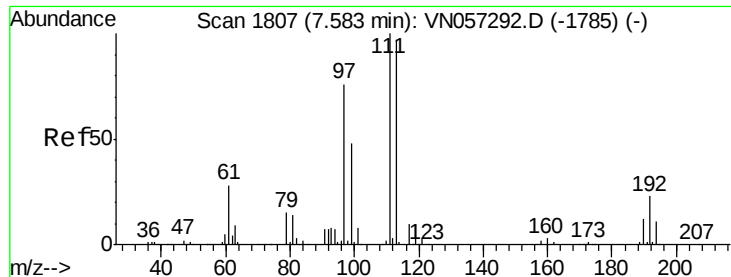
200000

0

Time-->

8.50 8.60 8.70





#35

Dibromofluoromethane

Concen: 45.284 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

JC-03-081519-A

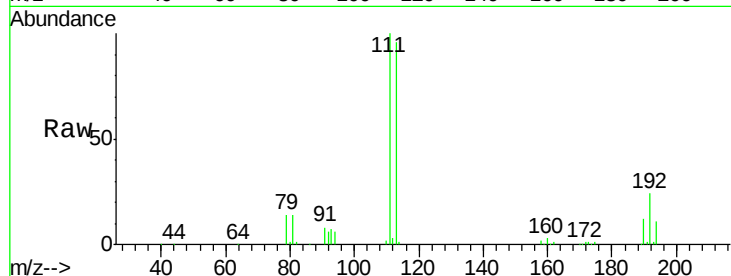
Tot Ion:113 Resp: 483372

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

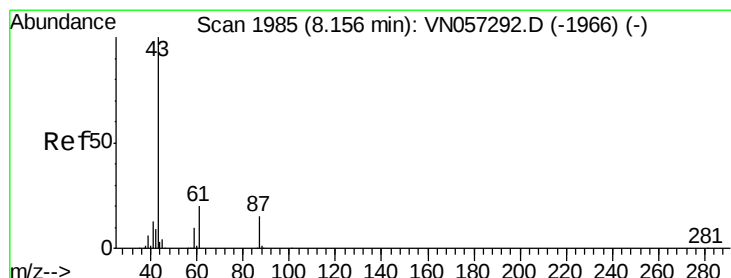
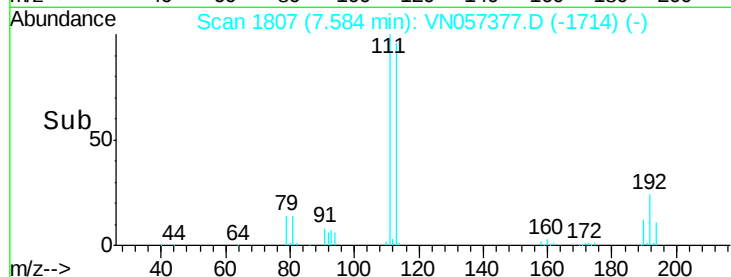
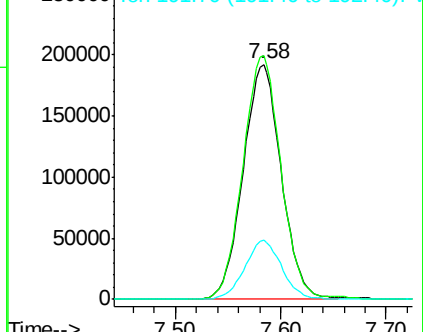
192 24.4 19.3 28.9



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: 10.047 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

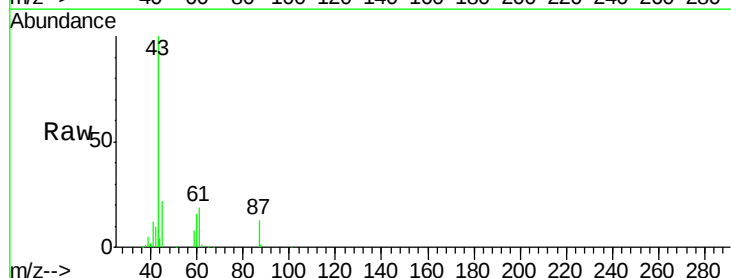
Tgt Ion: 43 Resp: 235778

Ion Ratio Lower Upper

43 100

61 14.4 21.6 32.4#

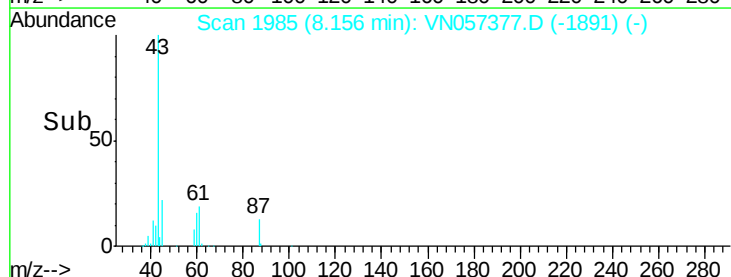
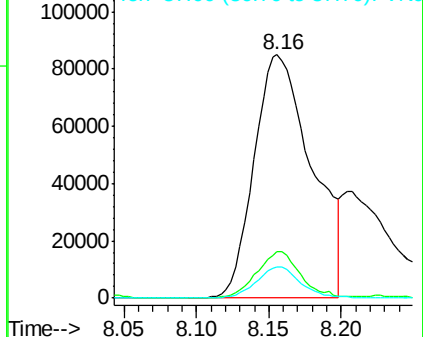
87 9.8 11.4 17.0#

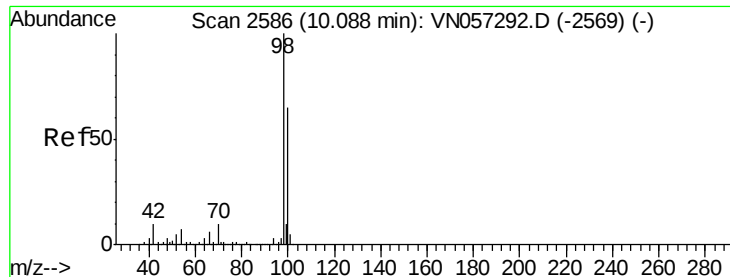


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.743 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

Instrument :

MSVOA_N

ClientSampleId :

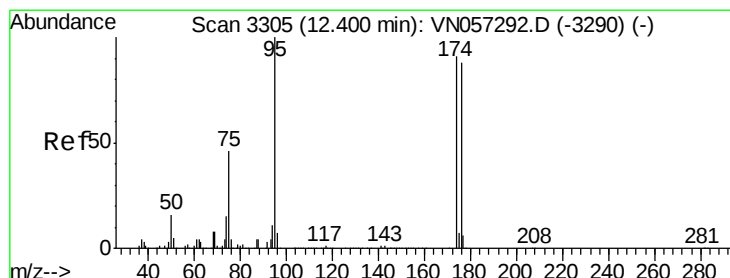
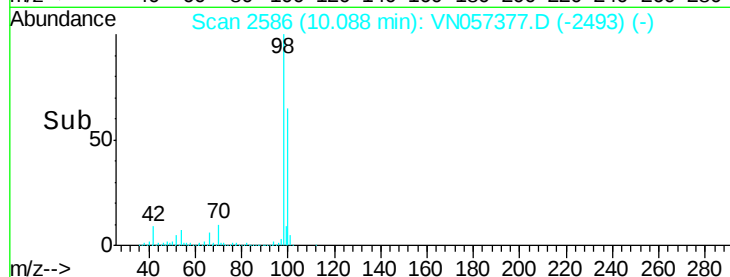
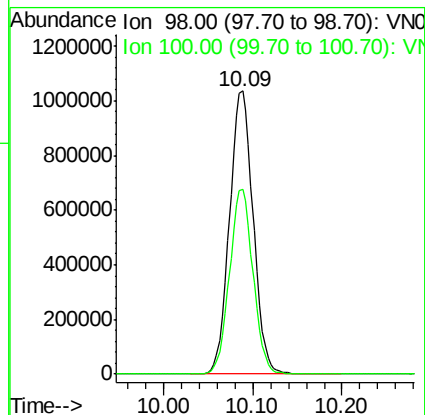
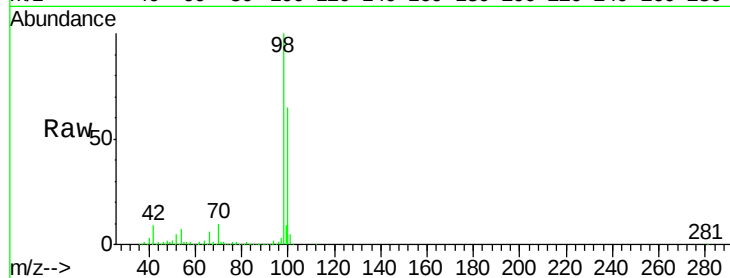
JC-03-081519-A

Tot Ion: 98 Resp: 1902998

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 37.164 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057377.D

Acq: 17 Aug 2019 00:51

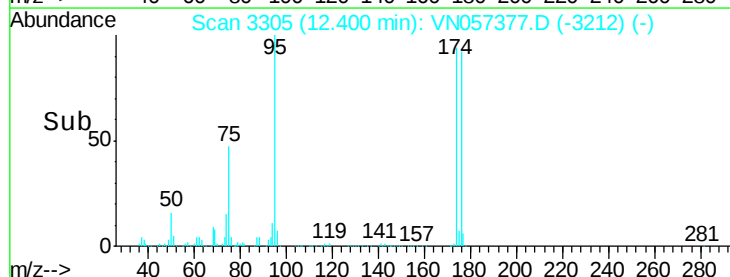
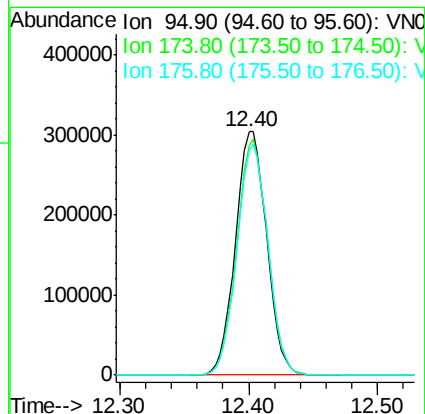
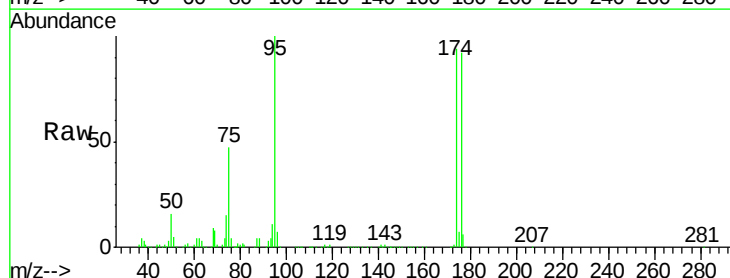
Tgt Ion: 95 Resp: 512740

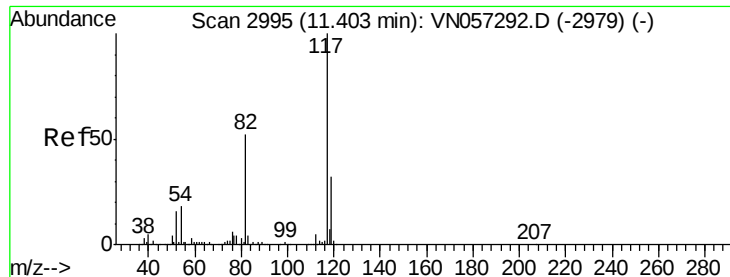
Ion Ratio Lower Upper

95 100

174 96.0 0.0 185.0

176 94.0 0.0 181.0

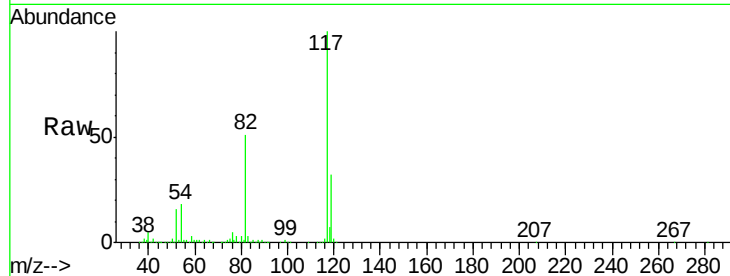




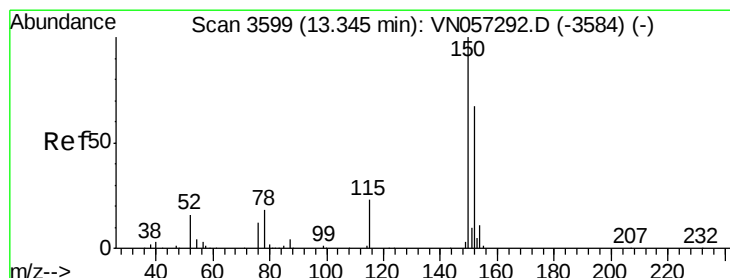
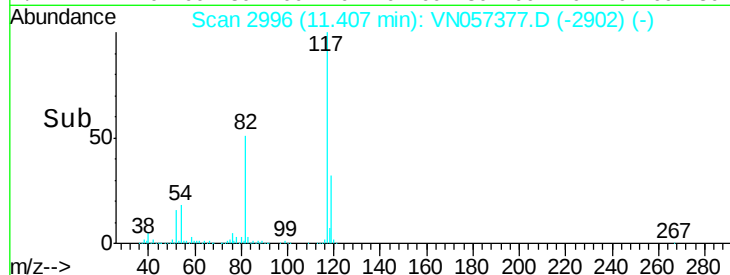
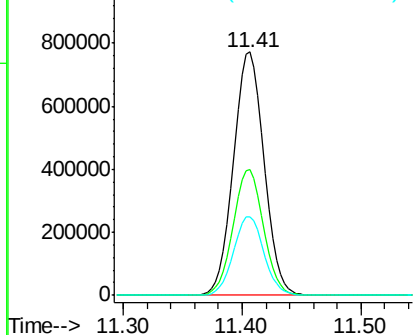
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057377.D
Acq: 17 Aug 2019 00:51

Instrument :
MSVOA_N
ClientSampled :
JC-03-081519-A

Tot Ion:117 Resp: 1377518
Ion Ratio Lower Upper
117 100
82 51.4 41.2 61.8
119 32.2 25.8 38.8

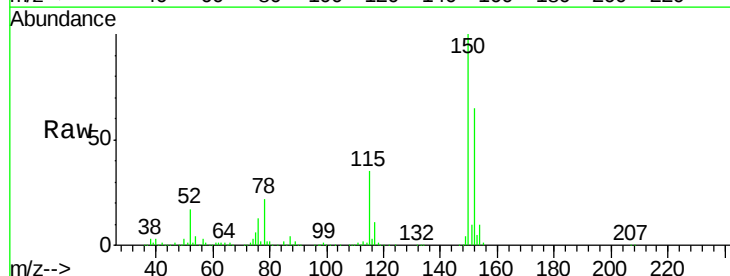


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057377.D
Acq: 17 Aug 2019 00:51

Tgt Ion:152 Resp: 379134
Ion Ratio Lower Upper
152 100
115 55.4 27.3 81.9
150 158.2 0.0 344.4



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

