

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073019\
 Data File : VN056977.D
 Acq On : 30 Jul 2019 15:34
 Operator : JC/SP
 Sample : K4019-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 04:15:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072919SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 01:50:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	36820	5.00	ug/l	0.01
4) 1,4-Difluorobenzene	8.58	114	59078	5.00	ug/l	0.01
8) Chlorobenzene-d5	11.40	117	33945	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	4691	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	21161	4.64	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	92.80%
5) Dibromofluoromethane	7.57	113	17924	4.47	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	89.40%
6) Toluene-d8	10.08	98	35183	4.30	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	86.00%#
7) 4-Bromofluorobenzene	12.40	95	7879	4.12	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	82.40%#

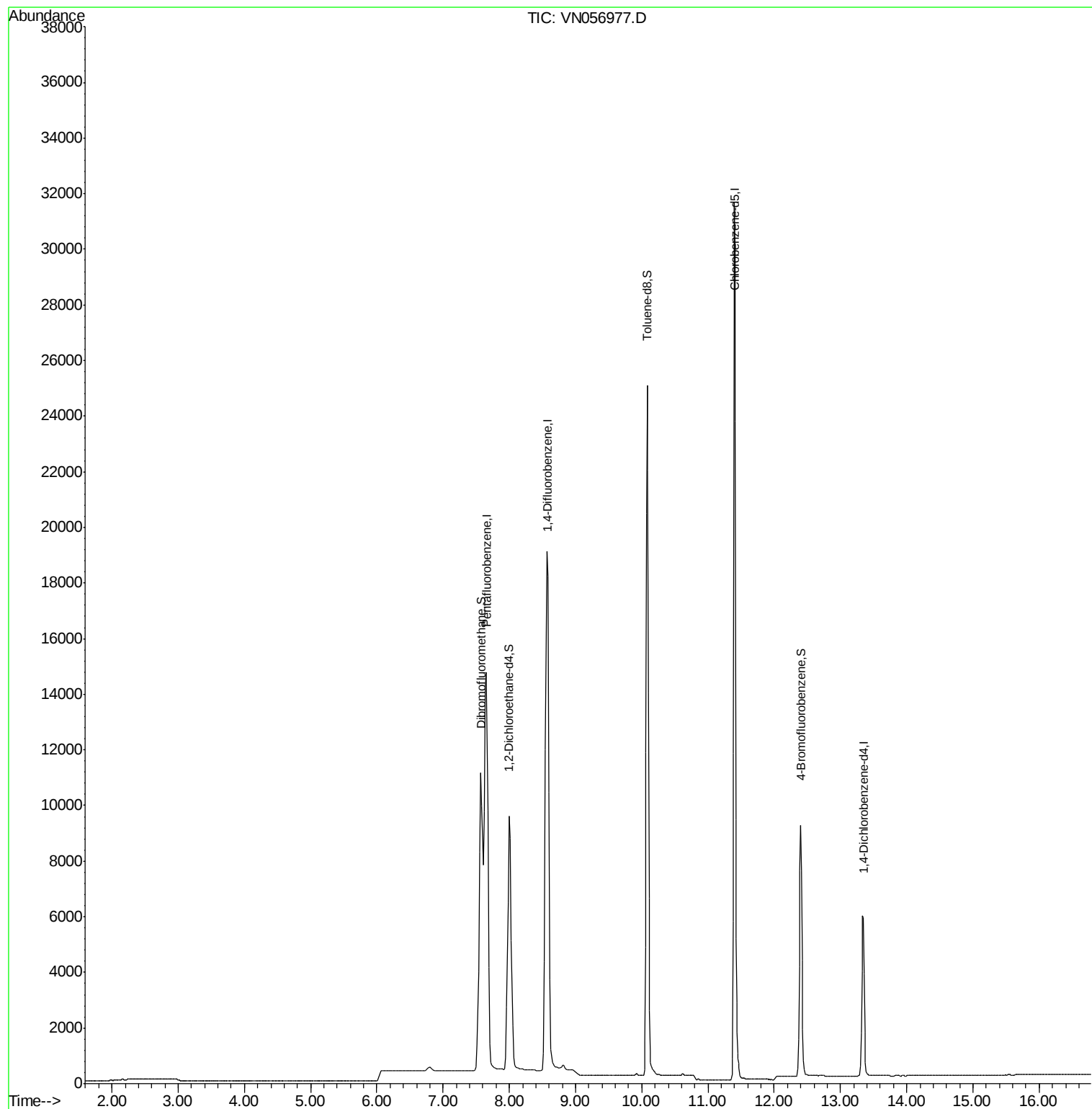
Target Compounds	Qvalue

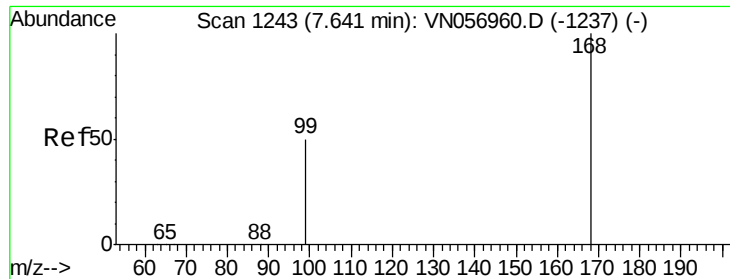
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073019\
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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.01 min

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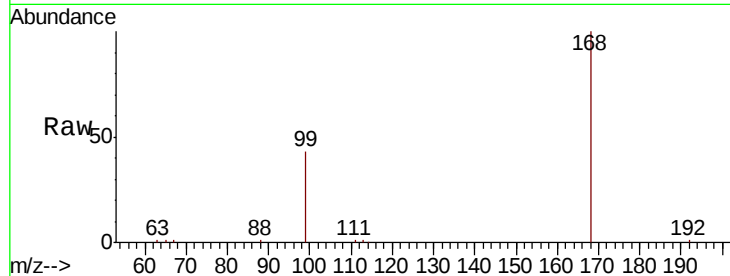
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 36820

Ion Ratio Lower Upper

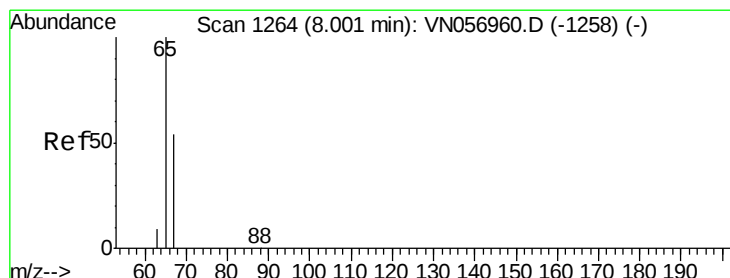
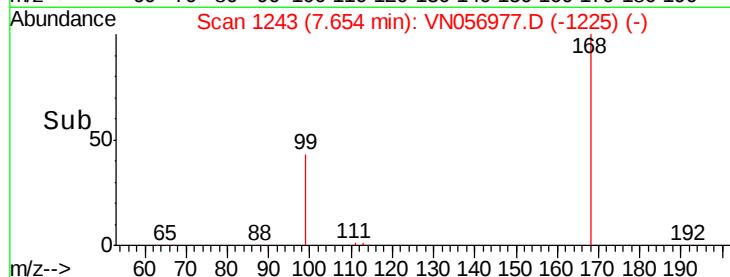
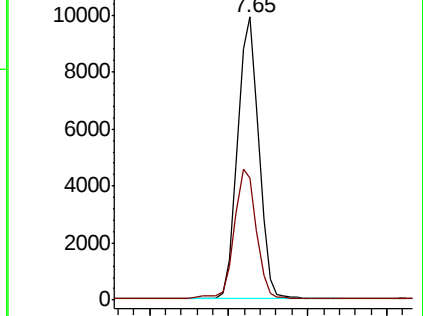
168 100

99 43.0 40.0 60.0



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#3

1,2-Dichloroethane-d4

Concen: 4.637 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN056977.D

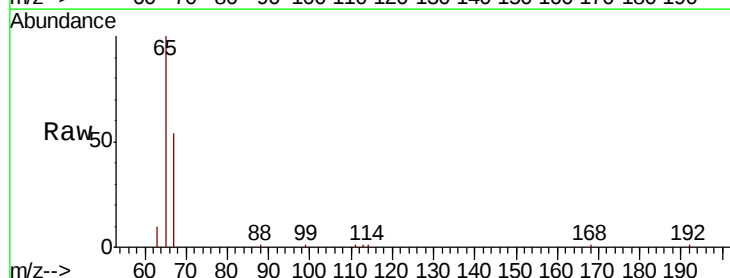
Acq: 30 Jul 2019 15:34

Tgt Ion: 65 Resp: 21161

Ion Ratio Lower Upper

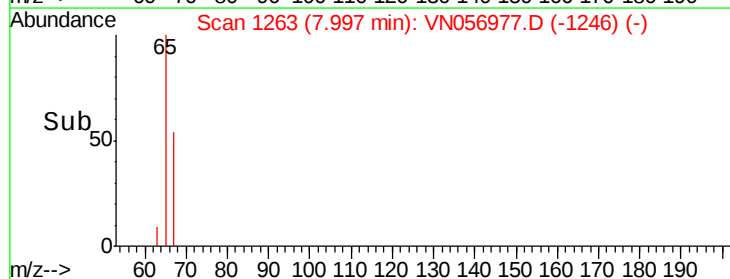
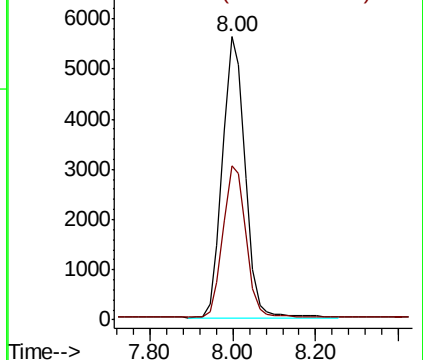
65 100

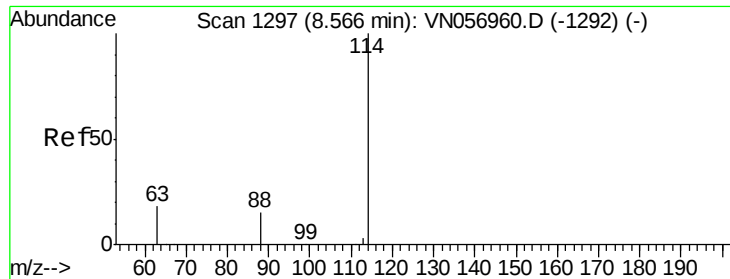
67 54.3 0.0 109.6



Abundance Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN





#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

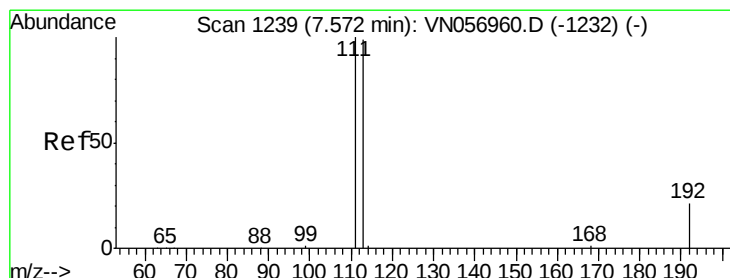
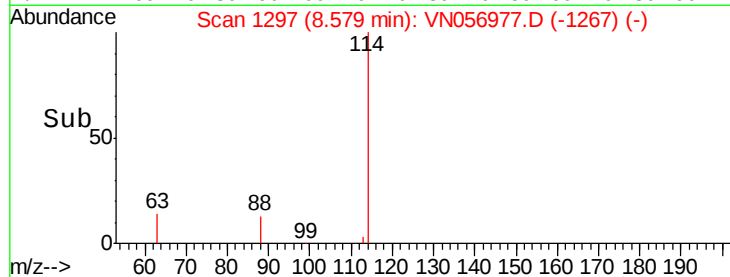
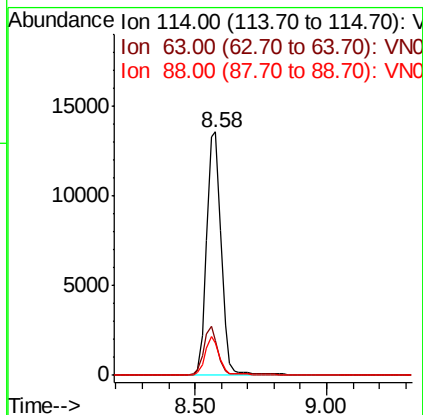
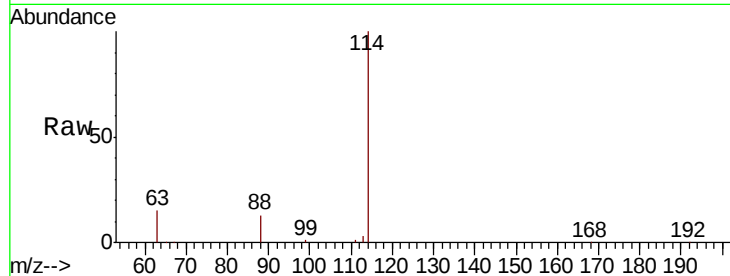
Delta R.T. 0.01 min

Lab File: VN056977.D

Acq: 30 Jul 2019 15:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114	Resp:	59078
Ion Ratio	Lower	Upper
114	100	
63	14.6	0.0 37.6
88	13.4	0.0 31.0



#5

Dibromofluoromethane

Concen: 4.466 ug/l

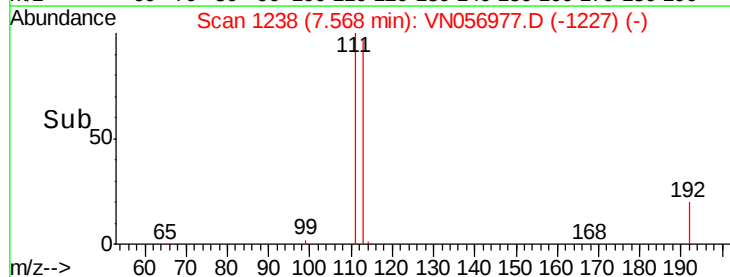
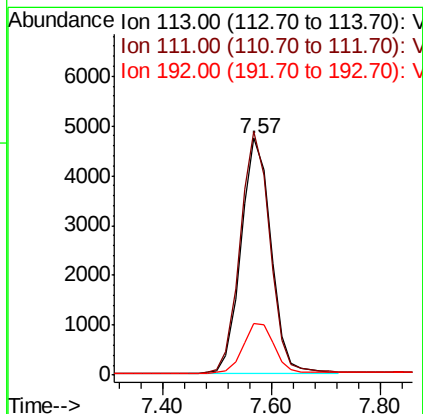
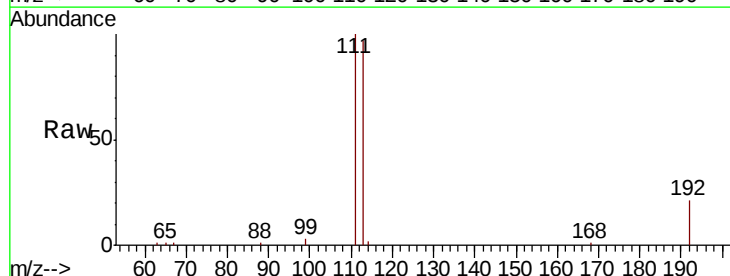
RT: 7.57 min Scan# 1238

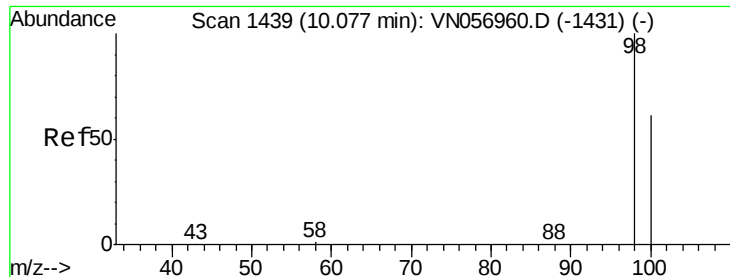
Delta R.T. -0.00 min

Lab File: VN056977.D

Acq: 30 Jul 2019 15:34

Tgt Ion:113	Resp:	17924
Ion Ratio	Lower	Upper
113	100	
111	102.7	81.1 121.7
192	21.6	17.9 26.9





#6

Toluene-d8

Concen: 4.296 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN056977.D

Acq: 30 Jul 2019 15:34

Instrument :

MSVOA_N

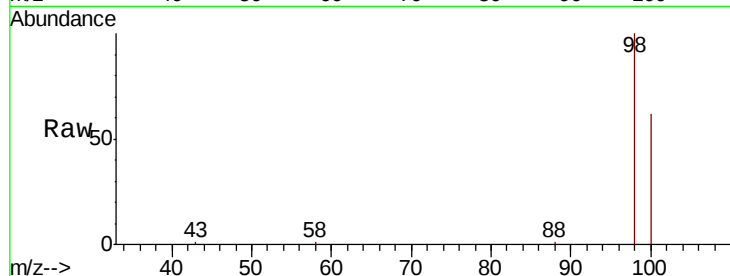
ClientSampleId :

Tot Ion: 98 Resp: 35183

Ion Ratio Lower Upper

98 100

100 62.4 49.0 73.4



Abundance Ion 98.00 (97.70 to 98.70): VN056960.D (-1431) (-)

Ion 100.00 (99.70 to 100.70): VN056960.D (-1431) (-)

10.08

15000

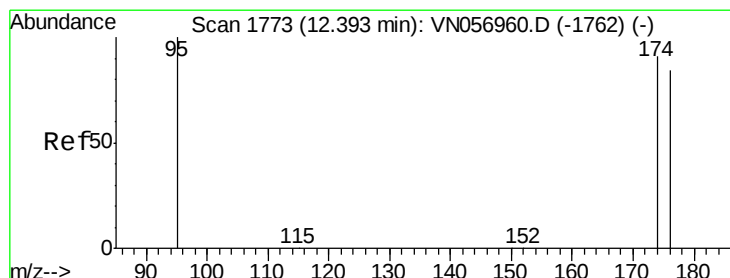
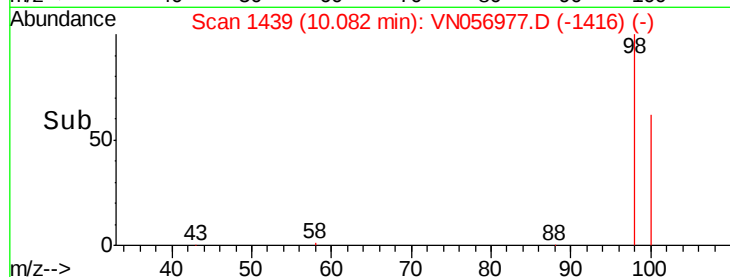
10000

5000

0

Time-->

10.00 10.20



#7

4-Bromofluorobenzene

Concen: 4.122 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056977.D

Acq: 30 Jul 2019 15:34

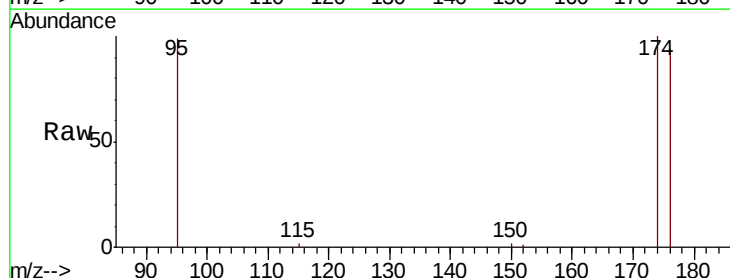
Tgt Ion: 95 Resp: 7879

Ion Ratio Lower Upper

95 100

174 100.5 0.0 181.4

176 94.9 0.0 168.2



Abundance Ion 95.00 (94.70 to 95.70): VN056960.D (-1762) (-)

Ion 174.00 (173.70 to 174.70): VN056960.D (-1762) (-)

Ion 176.00 (175.70 to 176.70): VN056960.D (-1762) (-)

12.40

4000

3000

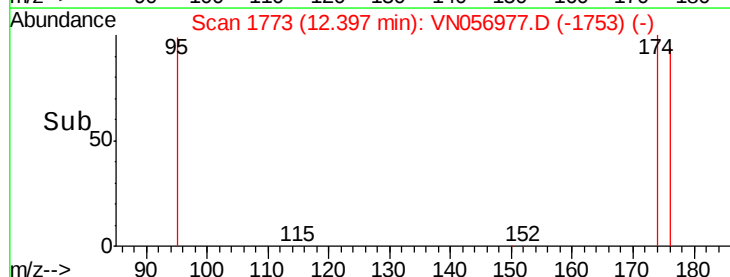
2000

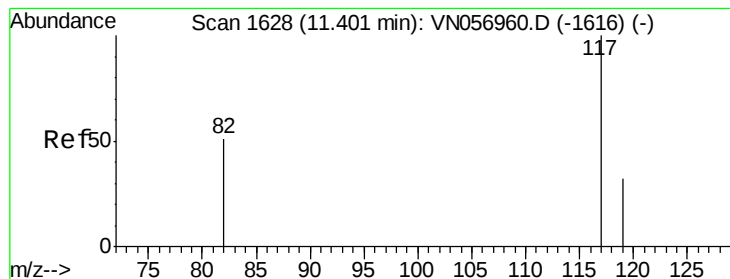
1000

0

Time-->

12.20 12.40 12.60





#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.40 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN056977.D

Acq: 30 Jul 2019 15:34

Instrument :

MSVOA_N

ClientSampled :

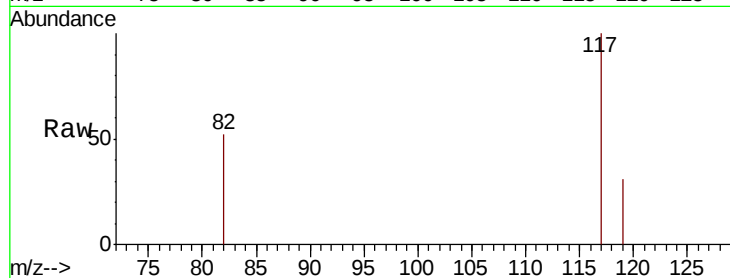
Tot Ion:117 Resp: 33945

Ion Ratio Lower Upper

117 100

82 51.6 40.7 61.1

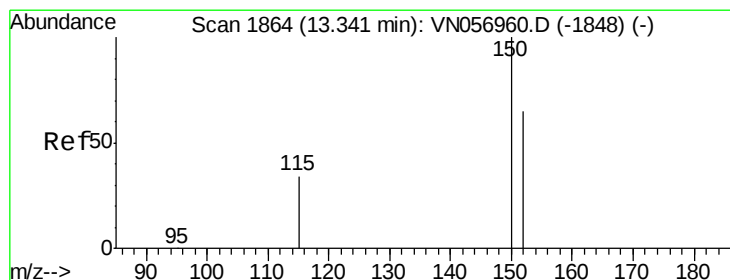
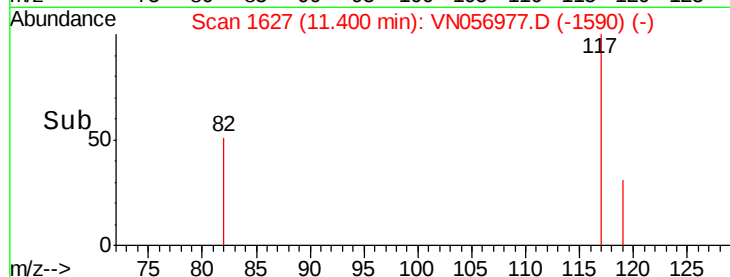
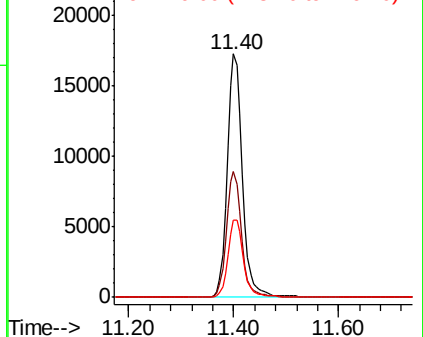
119 31.5 25.6 38.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN

Ion 119.00 (118.70 to 119.70): V



#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056977.D

Acq: 30 Jul 2019 15:34

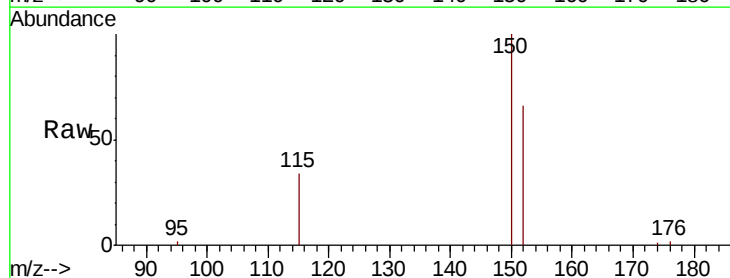
Tgt Ion:152 Resp: 4691

Ion Ratio Lower Upper

152 100

115 51.5 27.0 80.8

150 150.9 0.0 306.8



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

