

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058615.D
 Acq On : 8 Oct 2019 16:56
 Operator : JC/SP
 Sample : K5234-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 04:17:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 04:07:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	1995339	5.00	ug/l	-0.01
4) 1,4-Difluorobenzene	8.57	114	2979676	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2649817	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1004298	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	1241013	5.21	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	104.20%
5) Dibromofluoromethane	7.57	113	952590	5.07	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	101.40%
6) Toluene-d8	10.09	98	2139109	5.04	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	100.80%
7) 4-Bromofluorobenzene	12.40	95	983862	4.73	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	94.60%

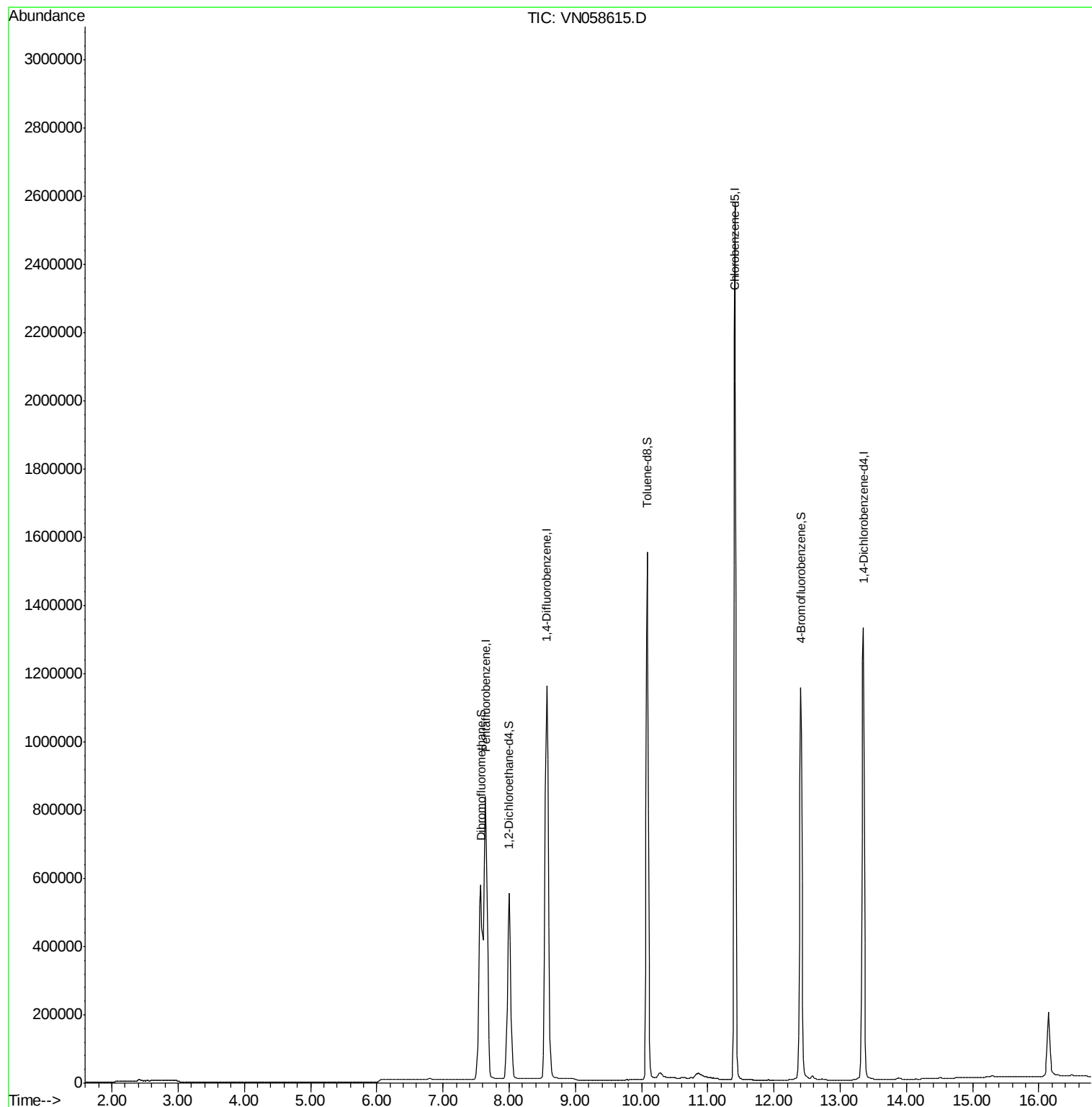
Target Compounds	Qvalue
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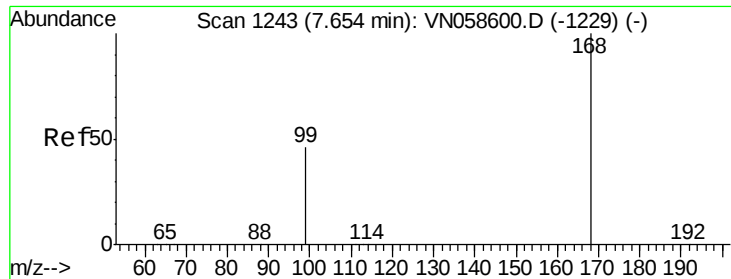
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.64 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VN058615.D

Acq: 8 Oct 2019 16:56

Instrument :

MSVOA_N

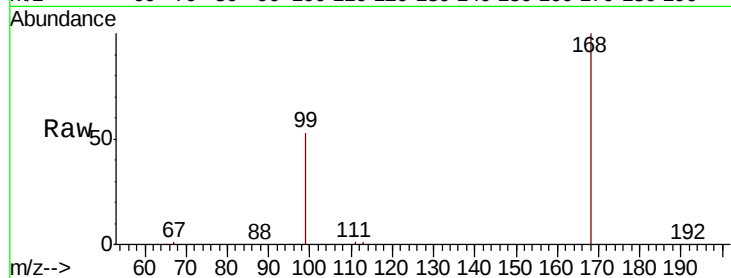
ClientSampled :

Tot Ion:168 Resp: 1995339

Ion Ratio Lower Upper

168 100

99 52.7 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): VN058615.D (-1226) (-)

Ion 99.00 (98.70 to 99.70): VN058615.D (-1226) (-)

7.64

600000

500000

400000

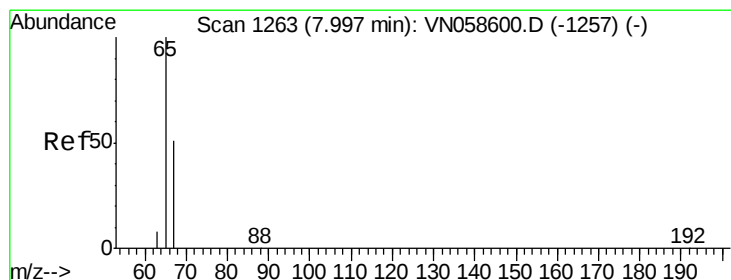
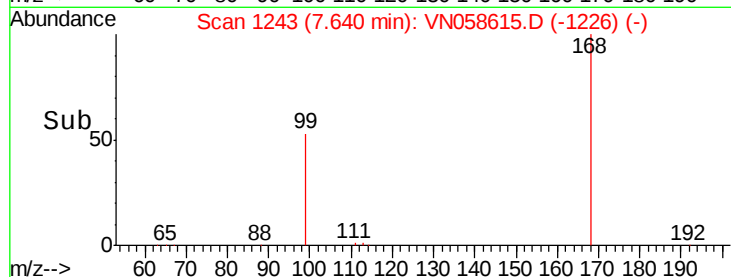
300000

200000

100000

0

Time-->



#3

1,2-Dichloroethane-d4

Concen: 5.206 ug/l

RT: 8.00 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN058615.D

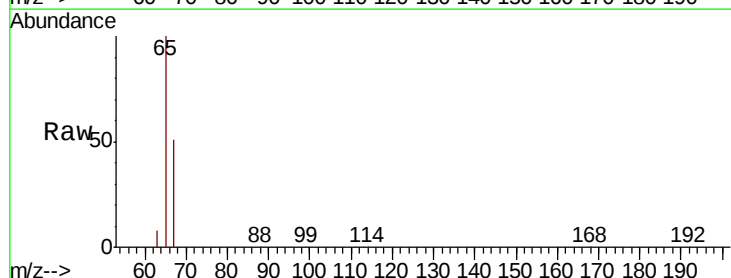
Acq: 8 Oct 2019 16:56

Tgt Ion: 65 Resp: 1241013

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058615.D (-1246) (-)

Ion 67.00 (66.70 to 67.70): VN058615.D (-1246) (-)

8.00

400000

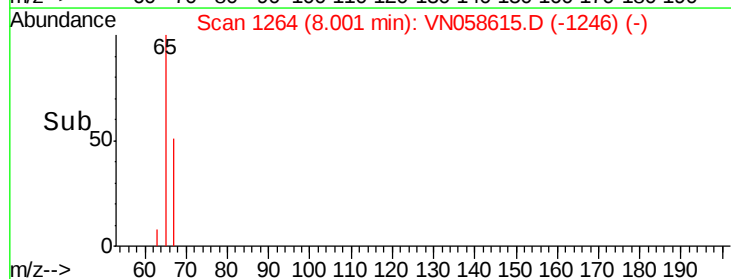
300000

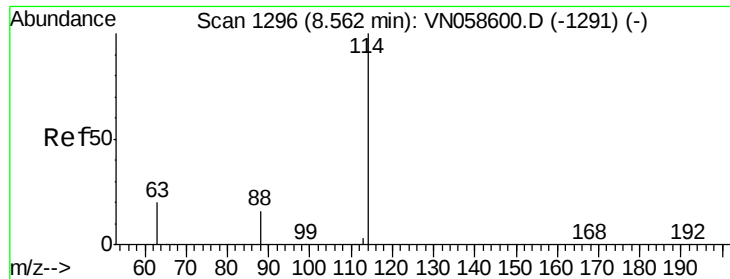
200000

100000

0

Time-->

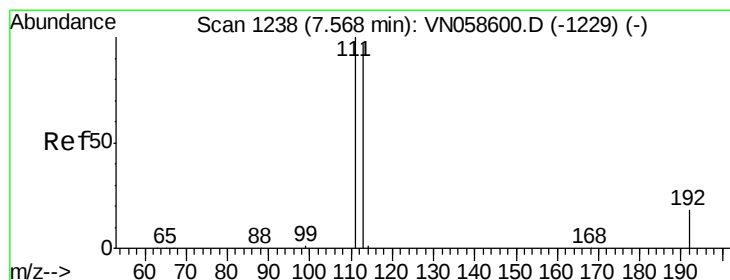
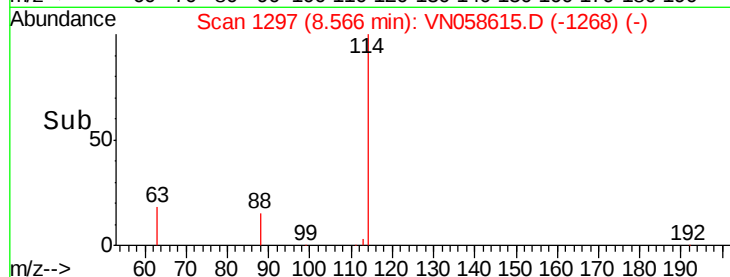
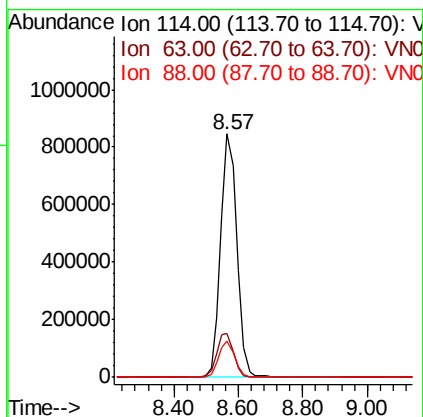
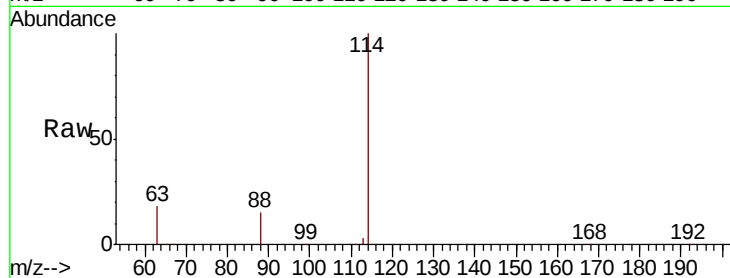




#4
 1,4-Difluorobenzene
 Concen: 5.000 ug/l
 RT: 8.57 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VN058615.D
 Acq: 8 Oct 2019 16:56

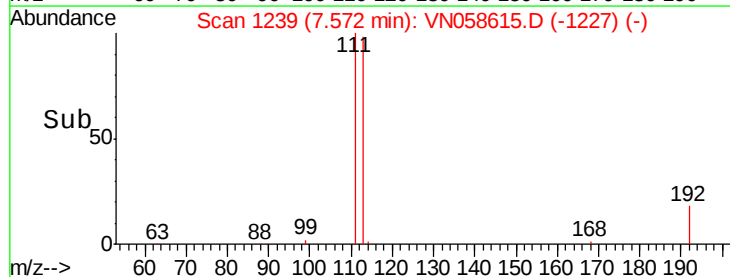
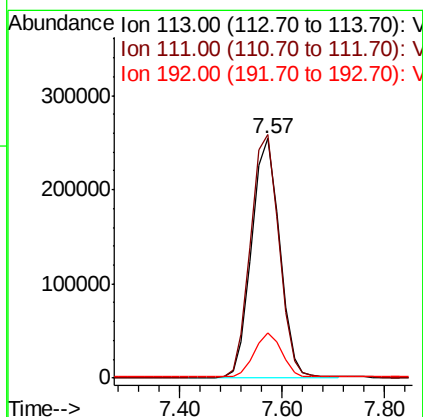
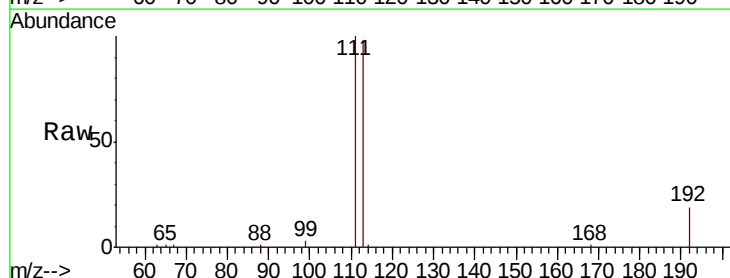
Instrument :
 MSVOA_N
 ClientSampled :

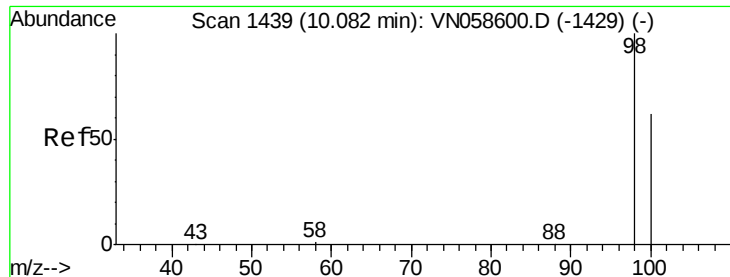
Tot Ion:114 Resp: 2979676
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 40.6
 88 14.7 0.0 32.4



#5
 Dibromofluoromethane
 Concen: 5.075 ug/l
 RT: 7.57 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VN058615.D
 Acq: 8 Oct 2019 16:56

Tgt Ion:113 Resp: 952590
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.5 123.7
 192 19.0 14.9 22.3





#6

Toluene-d8

Concen: 5.043 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN058615.D

Acq: 8 Oct 2019 16:56

Instrument :

MSVOA_N

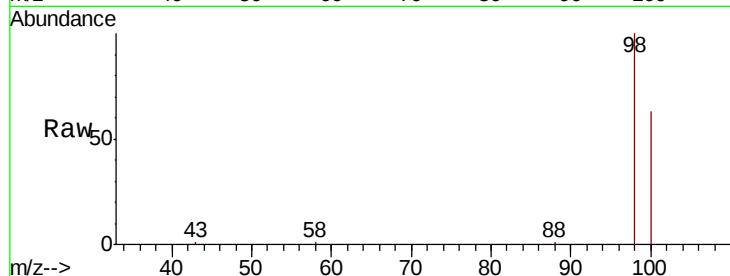
ClientSampleId :

Tot Ion: 98 Resp: 2139109

Ion Ratio Lower Upper

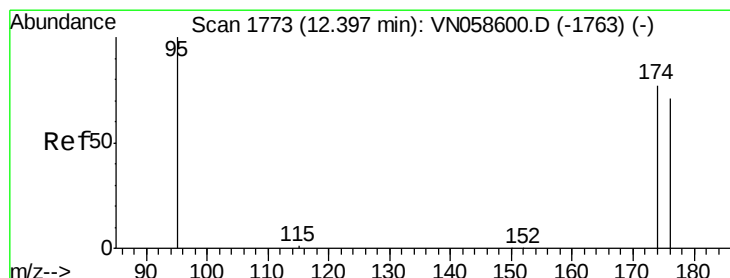
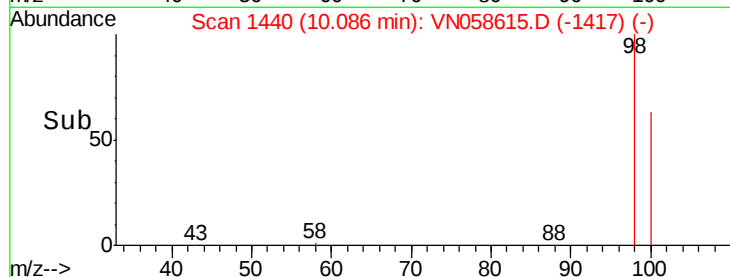
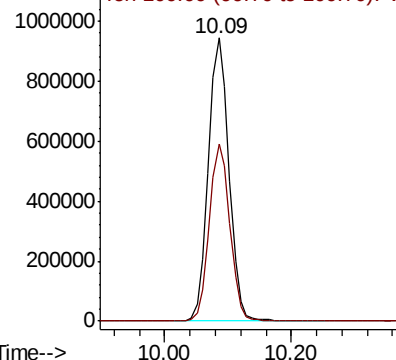
98 100

100 62.7 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#7

4-Bromofluorobenzene

Concen: 4.734 ug/l

RT: 12.40 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VN058615.D

Acq: 8 Oct 2019 16:56

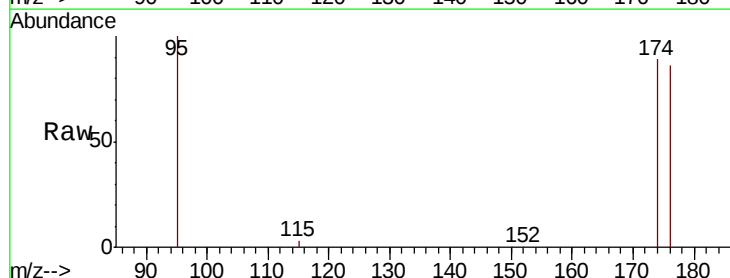
Tgt Ion: 95 Resp: 983862

Ion Ratio Lower Upper

95 100

174 89.2 0.0 153.4

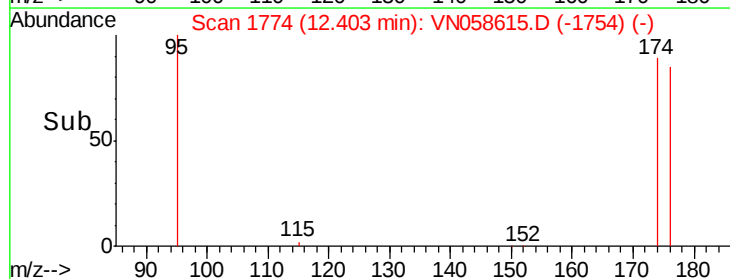
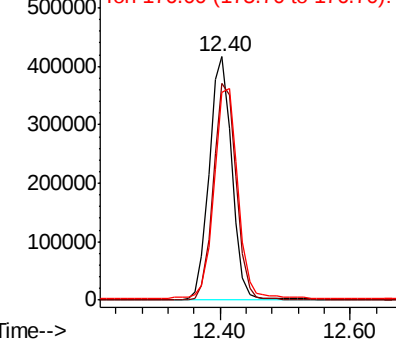
176 85.5 0.0 142.2

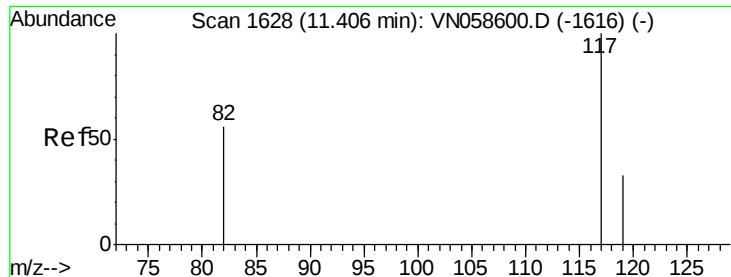


Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN058615.D

Acq: 8 Oct 2019 16:56

Instrument :

MSVOA_N

ClientSampled :

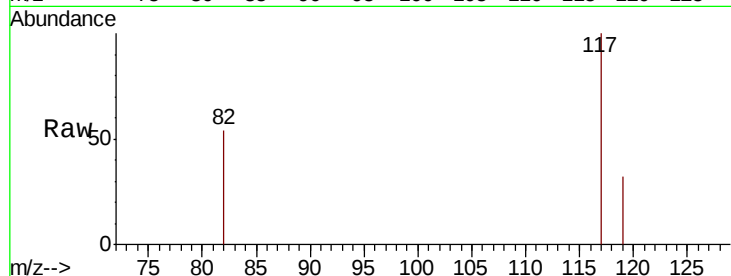
Tot Ion:117 Resp: 2649817

Ion Ratio Lower Upper

117 100

82 53.7 44.7 67.1

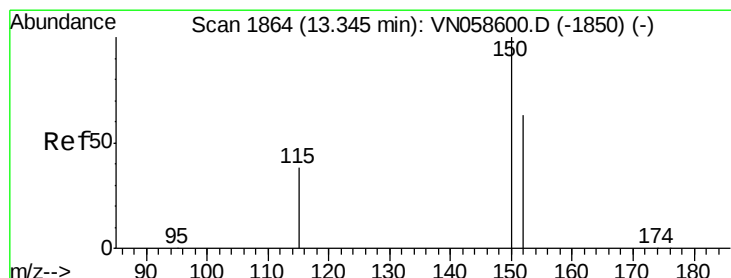
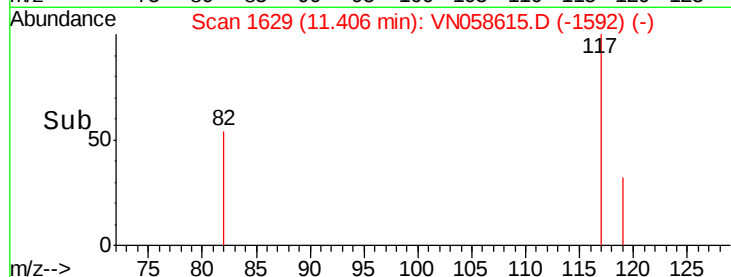
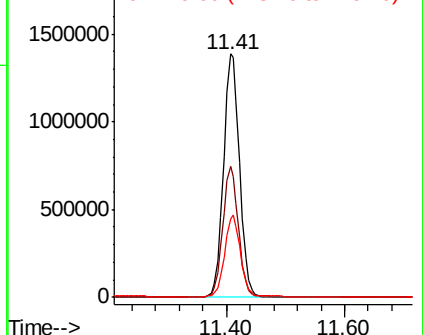
119 32.3 27.0 40.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V



#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1865

Delta R.T. 0.01 min

Lab File: VN058615.D

Acq: 8 Oct 2019 16:56

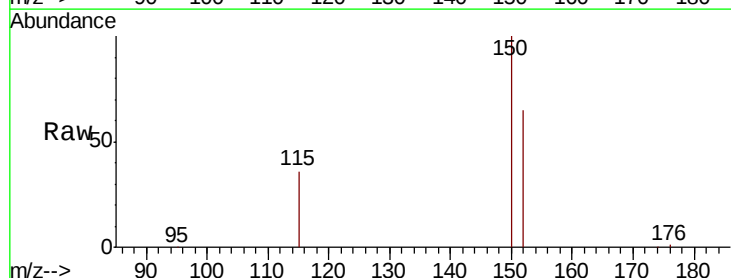
Tgt Ion:152 Resp: 1004298

Ion Ratio Lower Upper

152 100

115 55.0 29.9 89.8

150 154.3 0.0 315.8



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

