

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058606.D
 Acq On : 8 Oct 2019 13:39
 Operator : JC/SP
 Sample : K5111-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 04:16:08 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

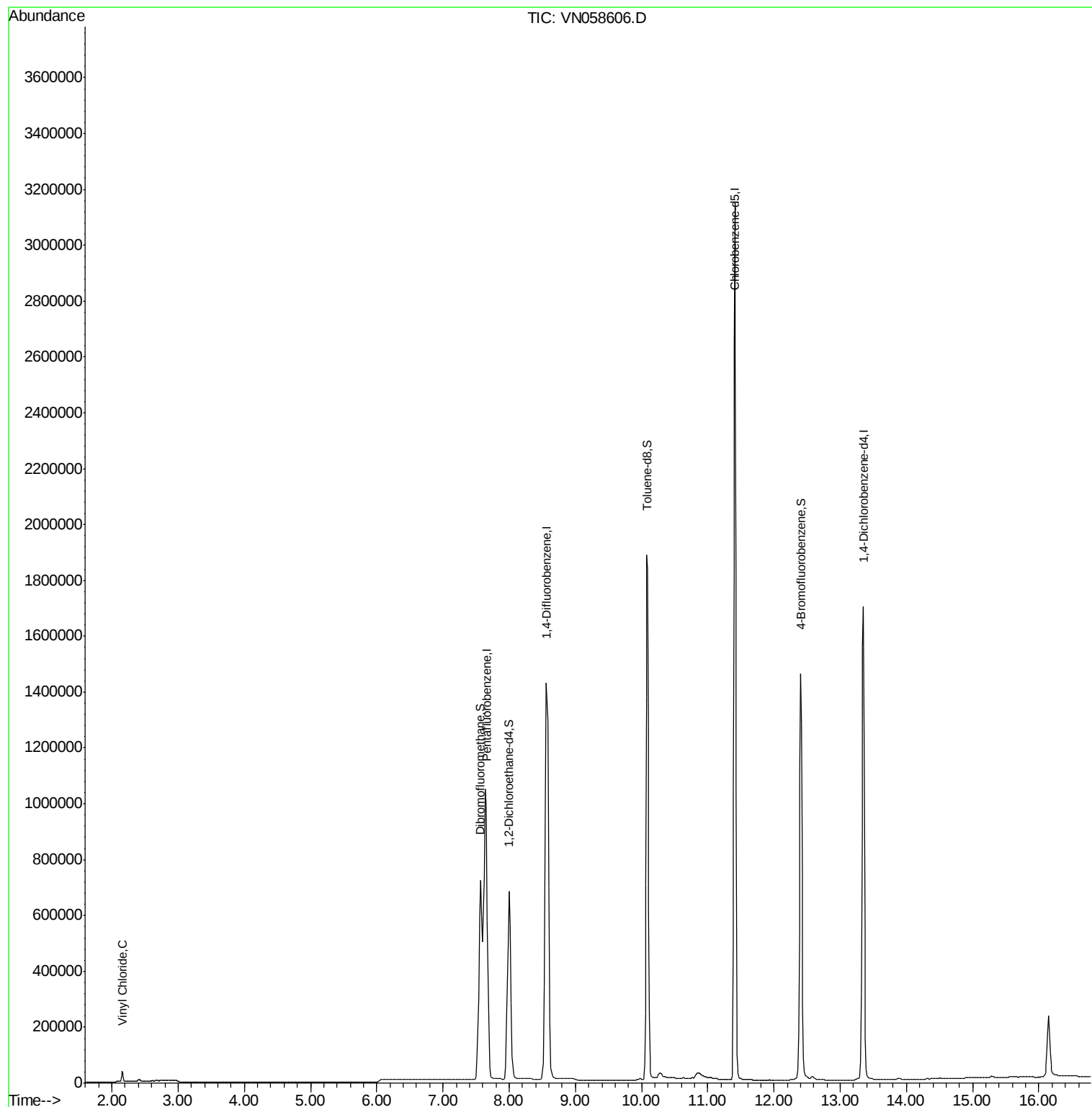
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	2537258	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	3725410	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	3271663	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1285398	5.00	ug/l	0.00
System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	1536174	5.07	ug/l	0.00
Spiked Amount 5.000	Range 81 - 118		Recovery	=	101.40%	
5) Dibromofluoromethane	7.57	113	1191488	5.08	ug/l	0.00
Spiked Amount 5.000	Range 80 - 119		Recovery	=	101.60%	
6) Toluene-d8	10.08	98	2657676	5.01	ug/l	0.00
Spiked Amount 5.000	Range 89 - 112		Recovery	=	100.20%	
7) 4-Bromofluorobenzene	12.40	95	1241252	4.78	ug/l	0.00
Spiked Amount 5.000	Range 85 - 114		Recovery	=	95.60%	
Target Compounds						
2) Vinyl Chloride	2.16	62	43432	0.168	ug/l	Qvalue 94

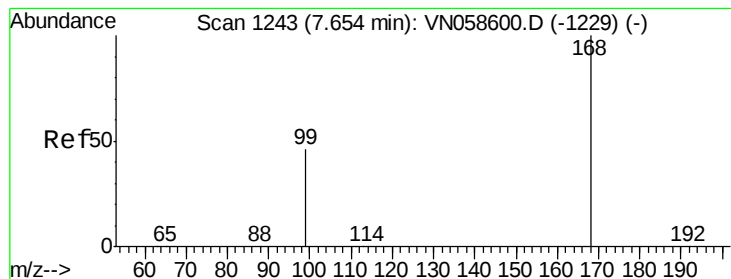
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN058606.D

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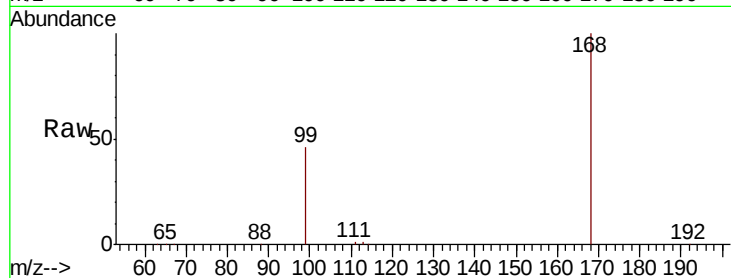
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 2537258

Ion Ratio Lower Upper

168 100

99 45.9 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): VN058606.D (-1229) (-)

Ion 99.00 (98.70 to 99.70): VN058606.D (-1229) (-)

7.65

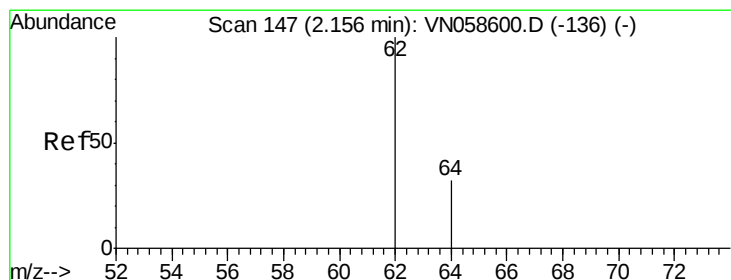
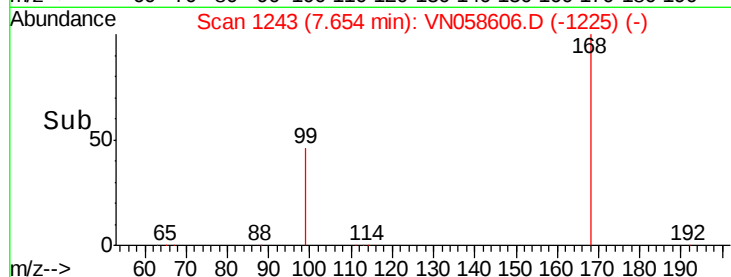
600000

400000

200000

0

Time-->



#2

Vinyl Chloride

Concen: 0.168 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058606.D

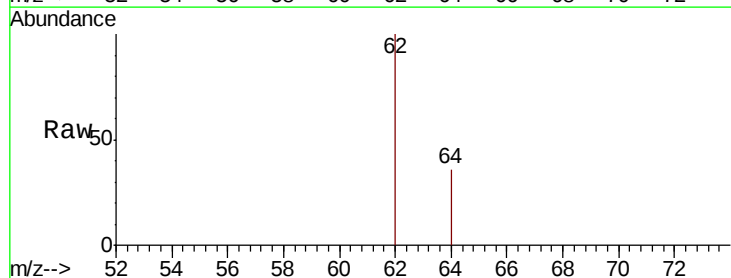
Acq: 8 Oct 2019 13:39

Tgt Ion: 62 Resp: 43432

Ion Ratio Lower Upper

62 100

64 35.7 25.8 38.6



Abundance Ion 62.00 (61.70 to 62.70): VN058606.D (-136) (-)

Ion 64.00 (63.70 to 64.70): VN058606.D (-136) (-)

2.16

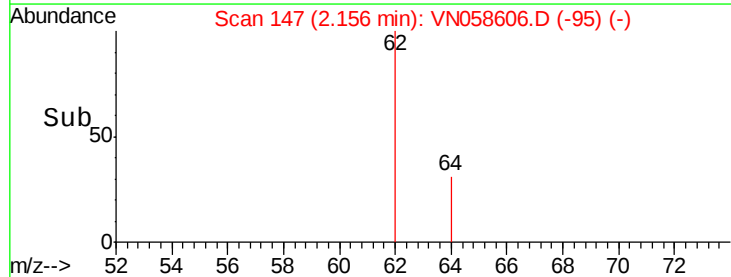
30000

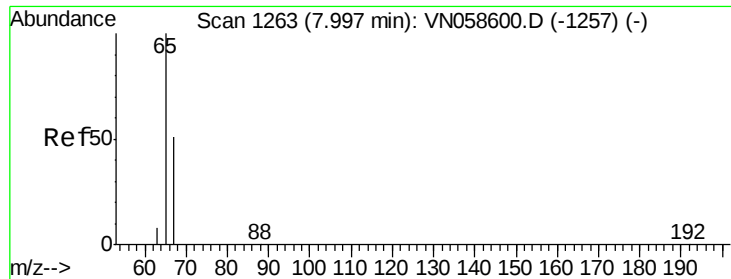
20000

10000

0

Time-->





#3

1,2-Dichloroethane-d4

Concen: 5.068 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058606.D

Acq: 8 Oct 2019 13:39

Instrument :

MSVOA_N

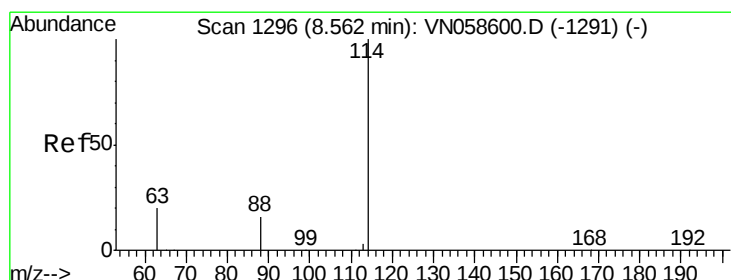
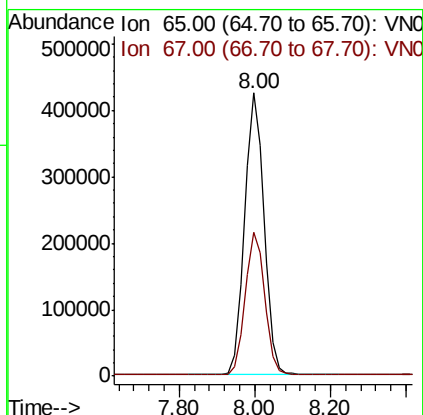
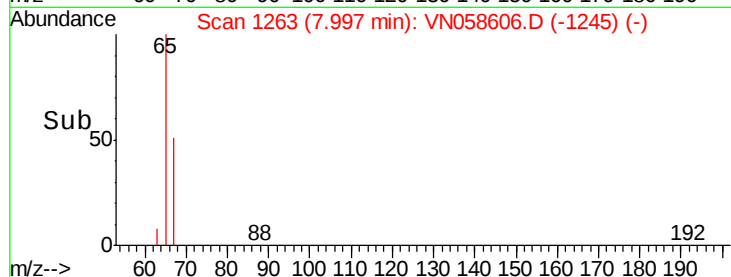
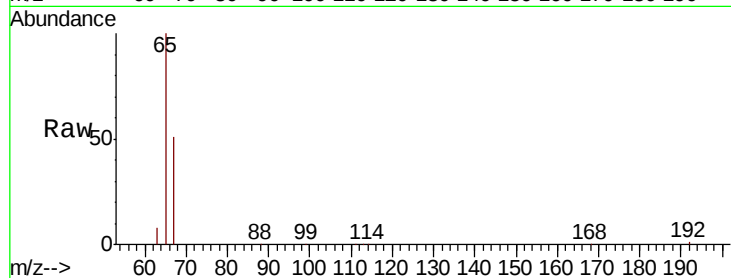
ClientSampleId :

Tot Ion: 65 Resp: 1536174

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058606.D

Acq: 8 Oct 2019 13:39

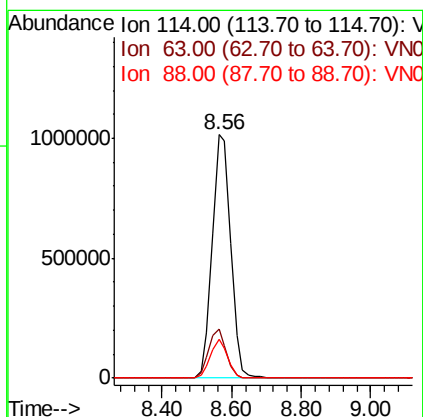
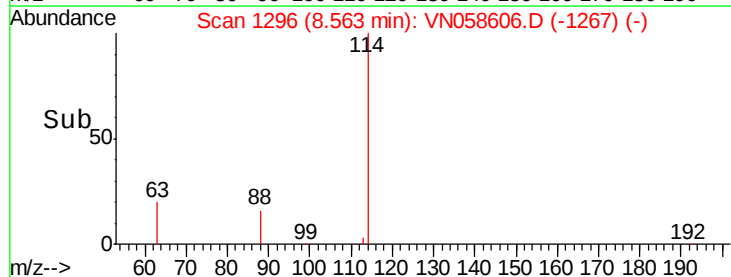
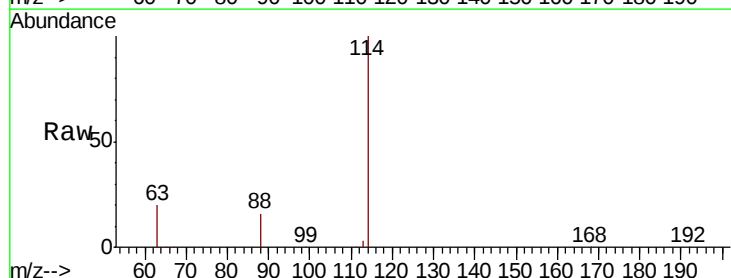
Tgt Ion: 114 Resp: 3725410

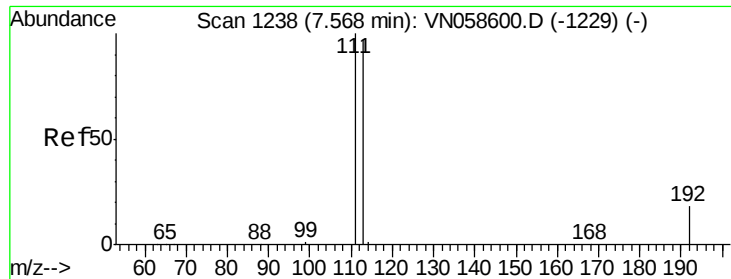
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

88 15.9 0.0 32.4





#5

Dibromofluoromethane

Concen: 5.077 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058606.D

Acq: 8 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

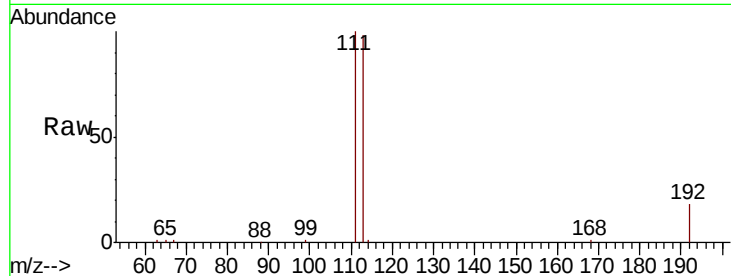
Tot Ion:113 Resp: 1191488

Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

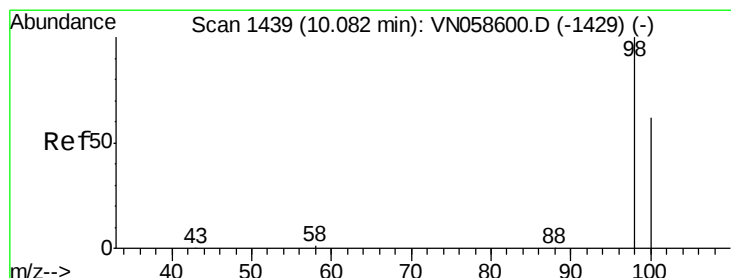
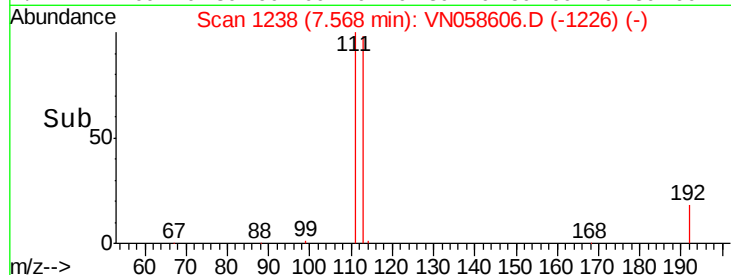
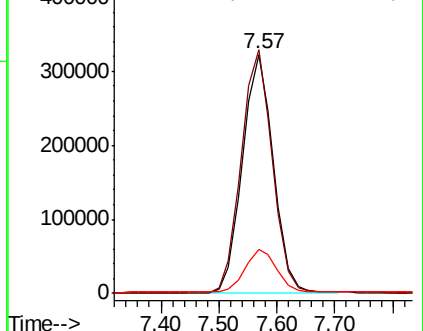
192 18.5 14.9 22.3



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#6

Toluene-d8

Concen: 5.012 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058606.D

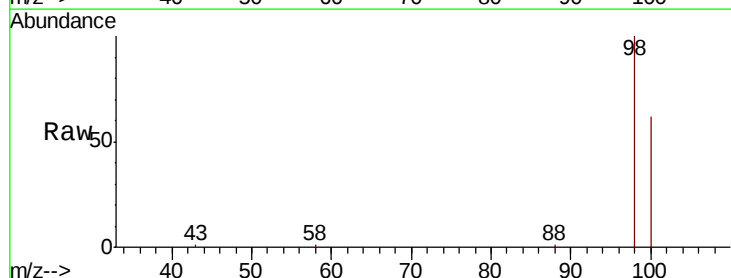
Acq: 8 Oct 2019 13:39

Tgt Ion: 98 Resp: 2657676

Ion Ratio Lower Upper

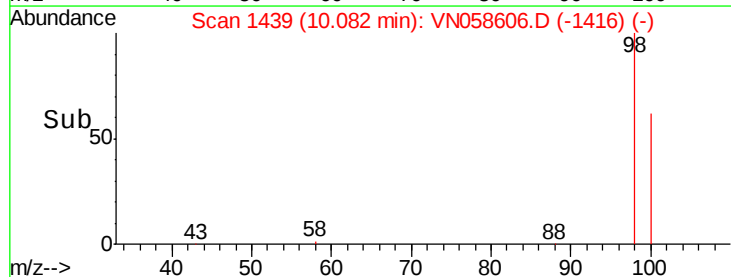
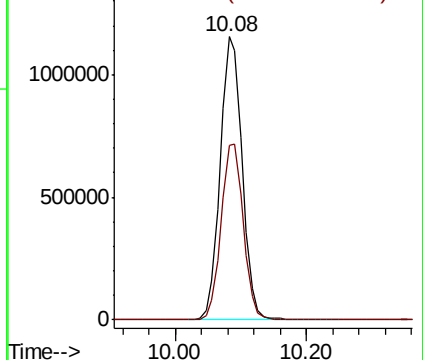
98 100

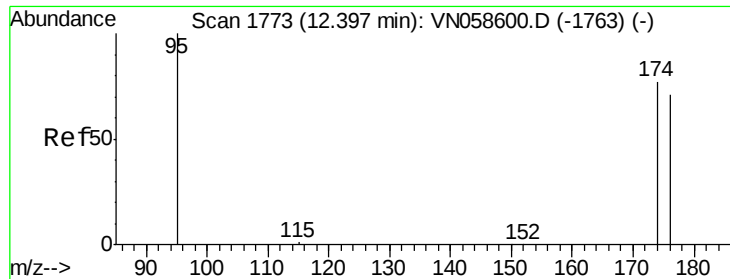
100 61.6 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.777 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.01 min

Lab File: VN058606.D

Acq: 8 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

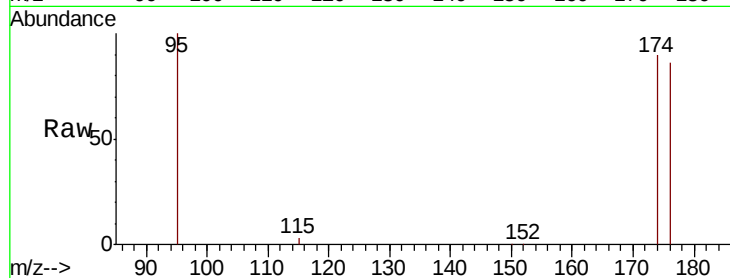
Tot Ion: 95 Resp: 1241252

Ion Ratio Lower Upper

95 100

174 90.1 0.0 153.4

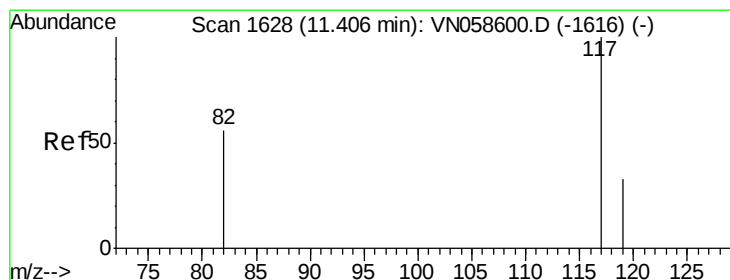
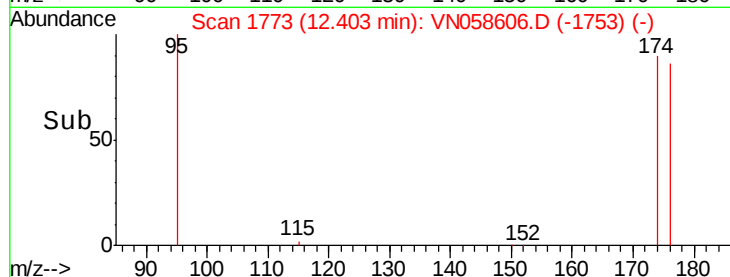
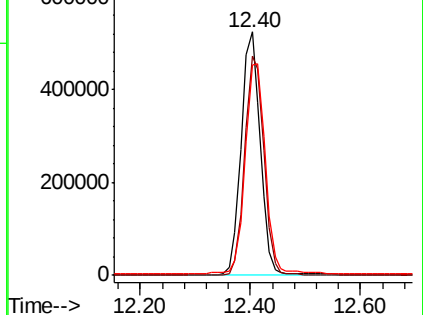
176 86.1 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN058606.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058606.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058606.D (-1763) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1629

Delta R.T. 0.01 min

Lab File: VN058606.D

Acq: 8 Oct 2019 13:39

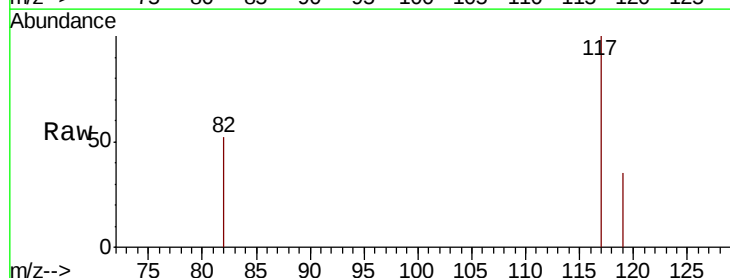
Tgt Ion: 117 Resp: 3271663

Ion Ratio Lower Upper

117 100

82 51.9 44.7 67.1

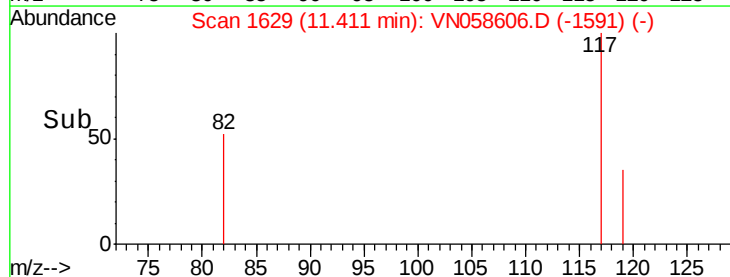
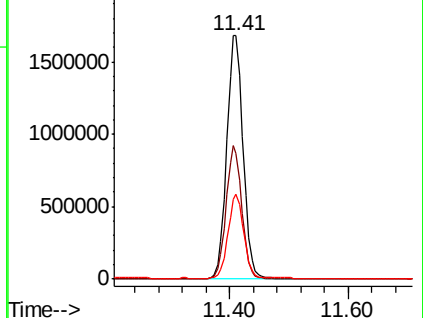
119 34.9 27.0 40.4

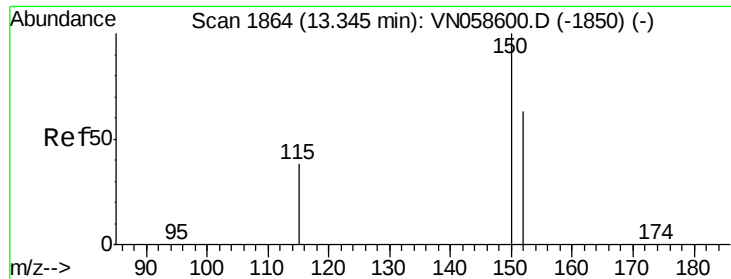


Abundance Ion 117.00 (116.70 to 117.70): VN058606.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VN058606.D (-1591) (-)

Ion 119.00 (118.70 to 119.70): VN058606.D (-1591) (-)





#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. 0.01 min
 Lab File: VN058606.D
 Acq: 8 Oct 2019 13:39

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:152 Resp: 1285398
 Ion Ratio Lower Upper
 152 100
 115 56.0 29.9 89.8
 150 154.2 0.0 315.8

