

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058601.D
 Acq On : 8 Oct 2019 11:36
 Operator : JC/SP
 Sample : VSSTDICC008
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 09 04:06:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 04:00:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	2886294	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	4248641	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	3694355	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1485871	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	2808249	7.78	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	155.60%#
5) Dibromofluoromethane	7.57	113	2161284	7.81	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	156.20%#
6) Toluene-d8	10.08	98	4673352	8.13	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	162.60%#
7) 4-Bromofluorobenzene	12.40	95	2290067	14.29	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	285.80%#

Target Compounds

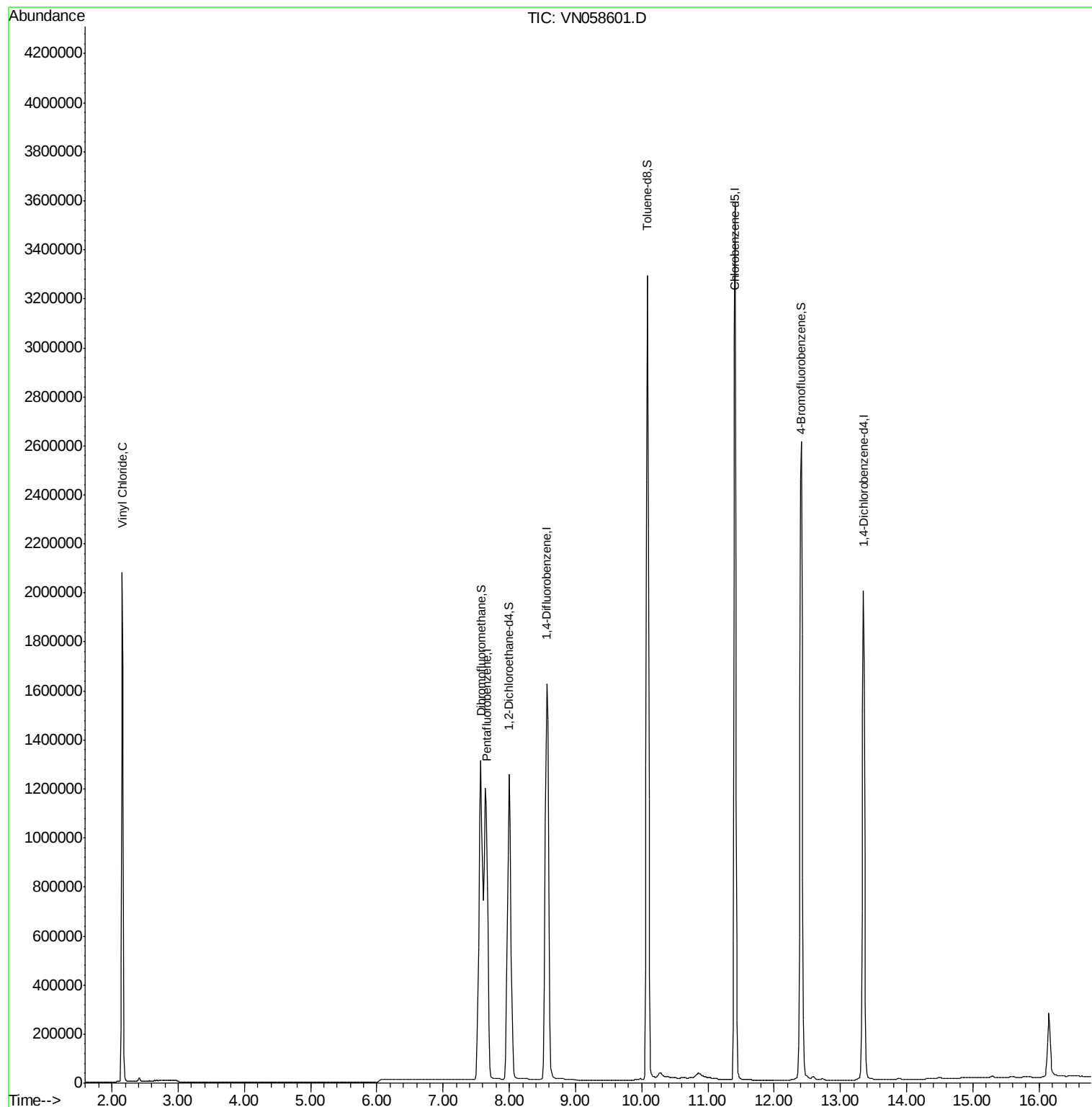
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	2368676	8.771	ug/l	98

(#) = 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: VN058601.D

Acq: 8 Oct 2019 11:36

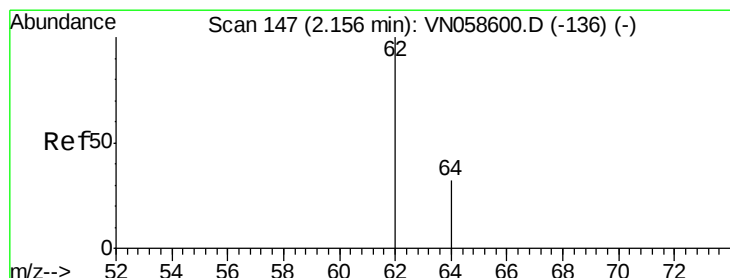
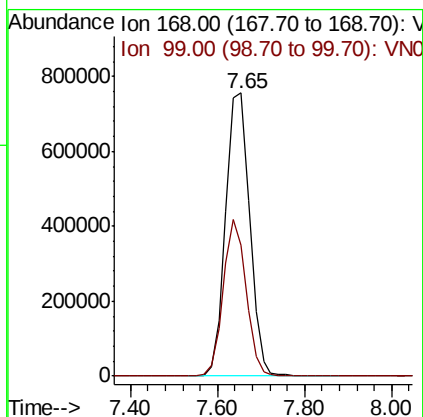
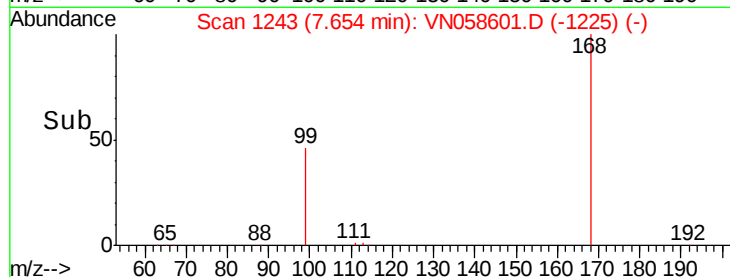
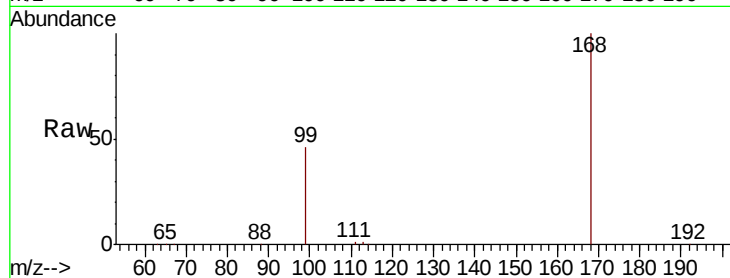
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 2886294

Ion Ratio Lower Upper

168 100

99 46.4 36.8 55.2



#2

Vinyl Chloride

Concen: 8.771 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058601.D

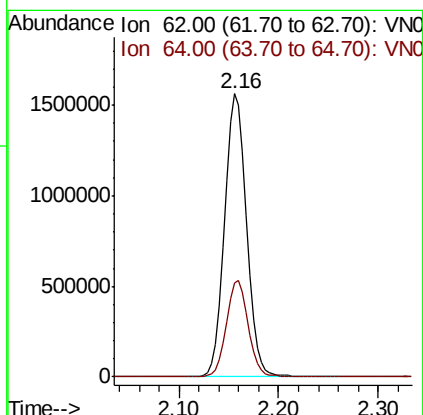
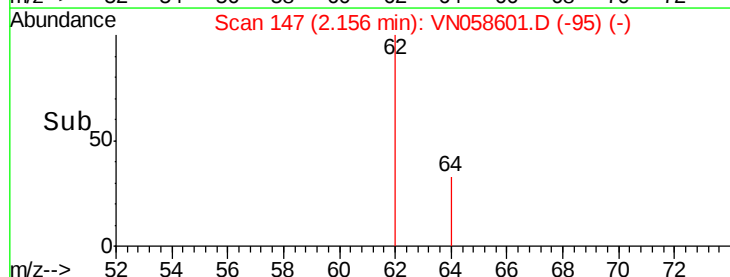
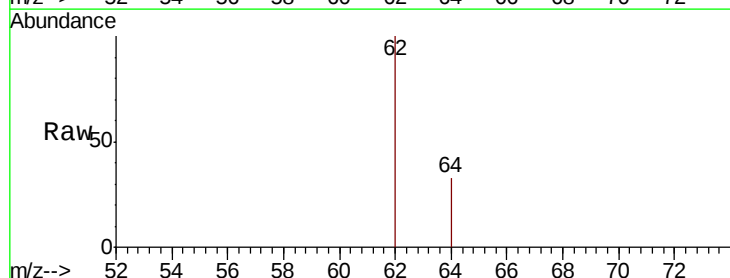
Acq: 8 Oct 2019 11:36

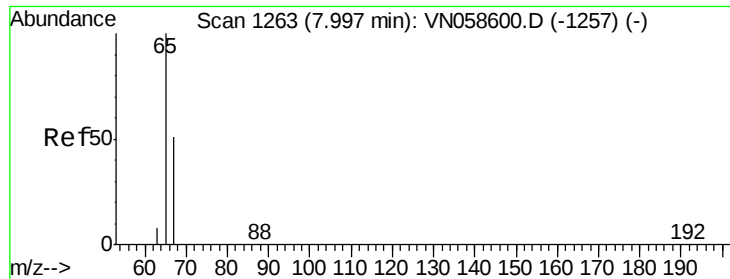
Tgt Ion: 62 Resp: 2368676

Ion Ratio Lower Upper

62 100

64 33.3 25.8 38.6





#3

1,2-Dichloroethane-d4

Concen: 7.776 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058601.D

Acq: 8 Oct 2019 11:36

Instrument :

MSVOA_N

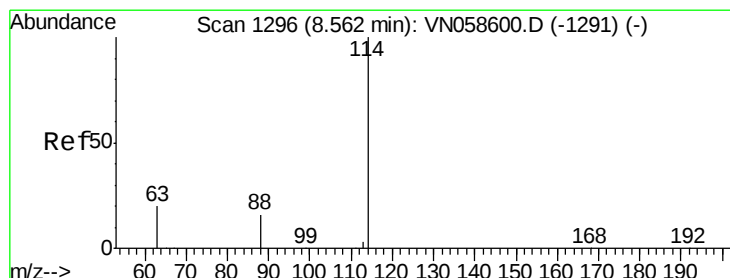
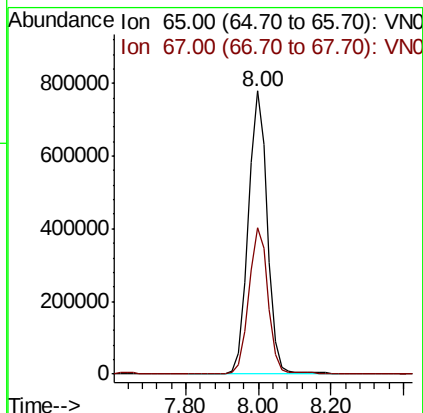
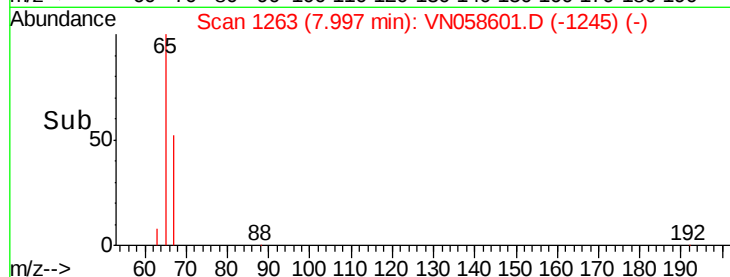
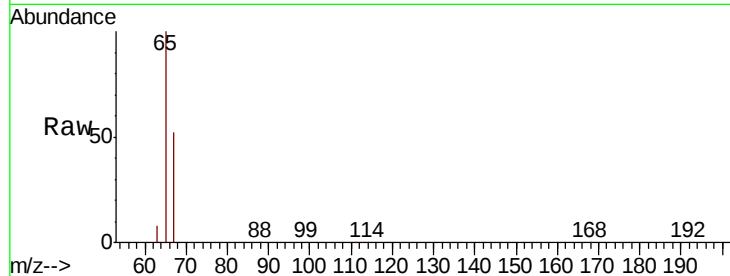
ClientSampleId :

Tot Ion: 65 Resp: 2808249

Ion Ratio Lower Upper

65 100

67 51.9 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: VN058601.D

Acq: 8 Oct 2019 11:36

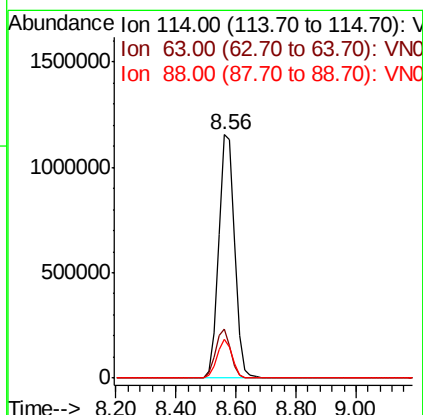
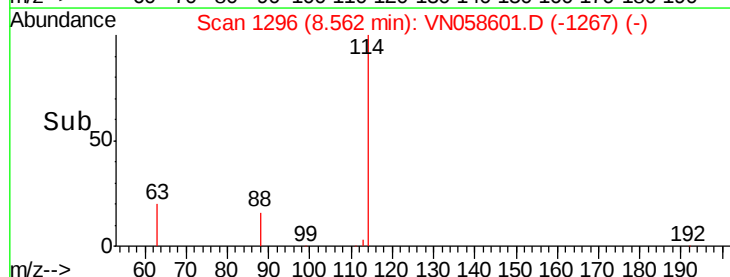
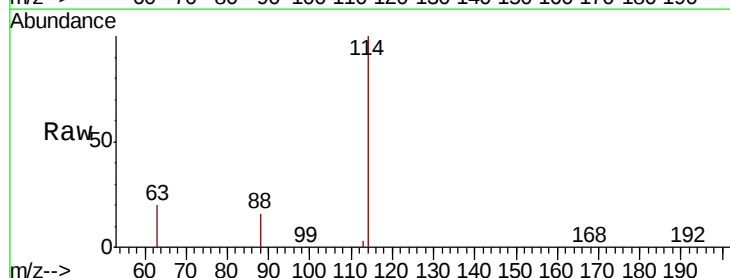
Tgt Ion: 114 Resp: 4248641

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 16.0 0.0 32.4





#5

Dibromofluoromethane

Concen: 7.813 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058601.D

Acq: 8 Oct 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

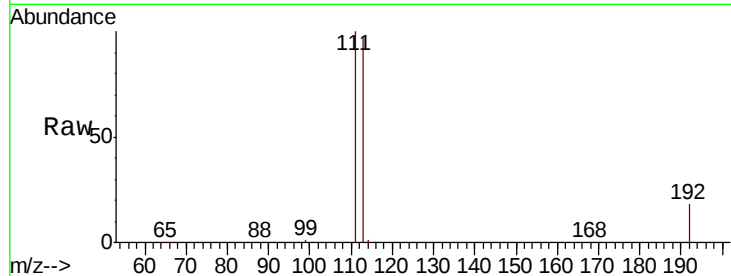
Tot Ion:113 Resp: 2161284

Ion Ratio Lower Upper

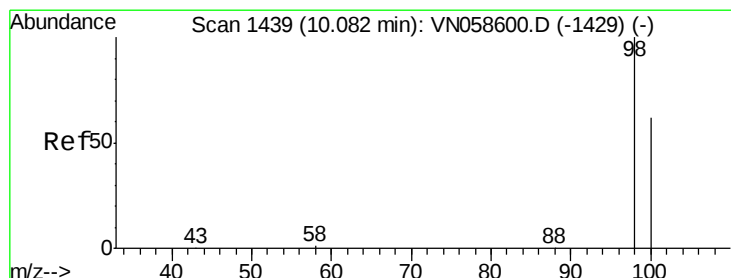
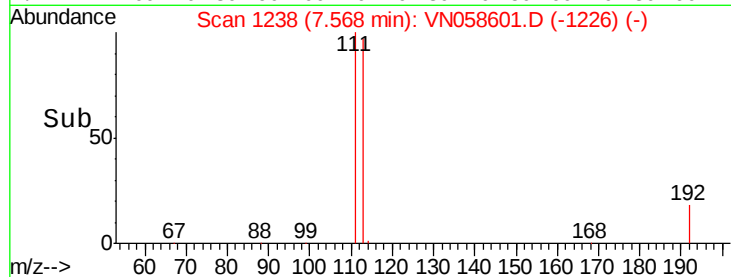
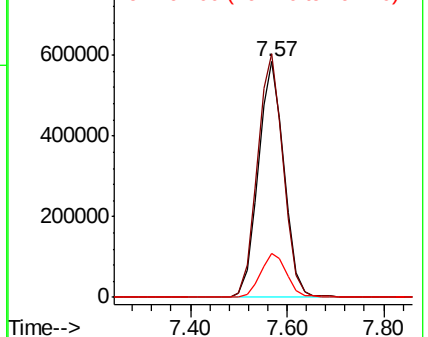
113 100

111 103.4 82.5 123.7

192 18.6 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: 8.133 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058601.D

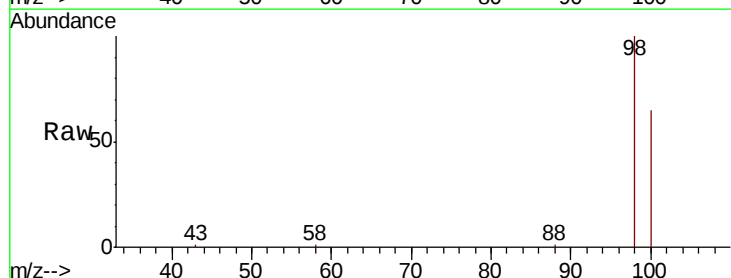
Acq: 8 Oct 2019 11:36

Tgt Ion: 98 Resp: 4673352

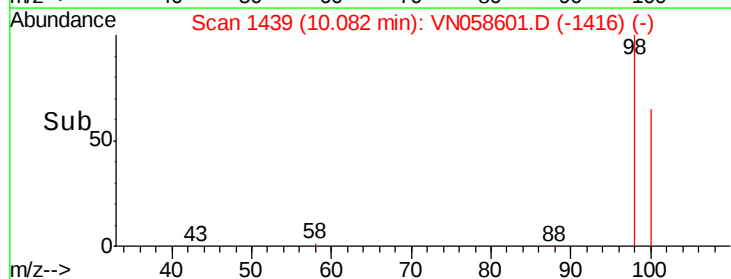
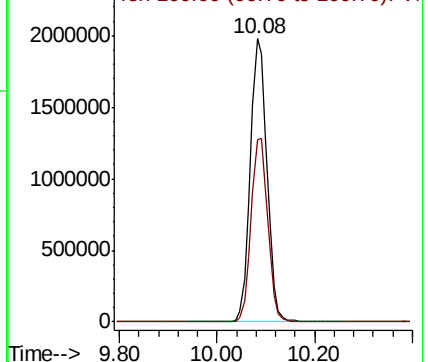
Ion Ratio Lower Upper

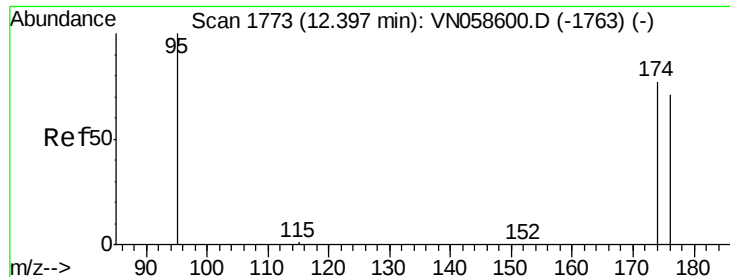
98 100

100 64.6 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#7

4-Bromofluorobenzene

Concen: 14.289 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058601.D

Acq: 8 Oct 2019 11:36

Instrument :

MSVOA_N

ClientSampleId :

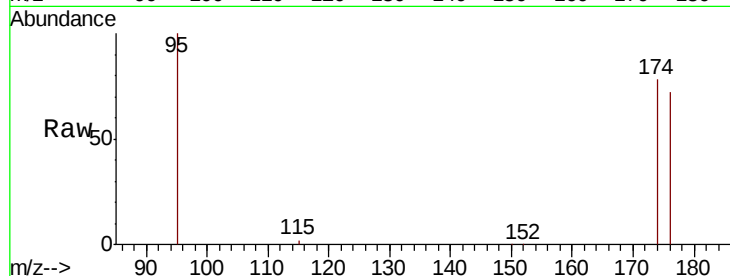
Tot Ion: 95 Resp: 2290067

Ion Ratio Lower Upper

95 100

174 78.1 0.0 153.4

176 71.7 0.0 142.2

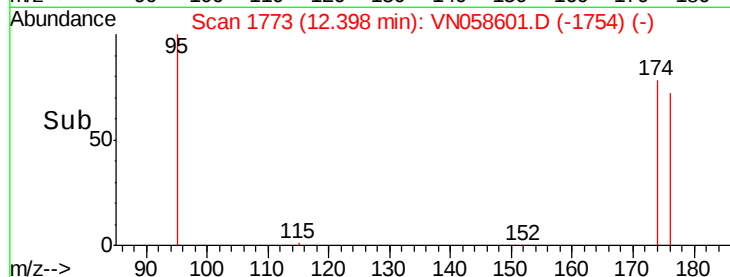


Abundance Ion 95.00 (94.70 to 95.70): VN058601.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058601.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058601.D (-1763) (-)

Time-->

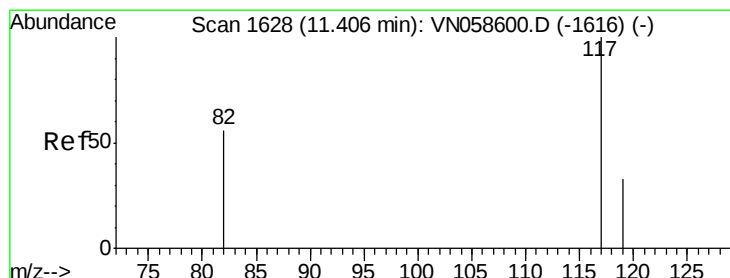


Abundance Ion 95.00 (94.70 to 95.70): VN058601.D (-1754) (-)

Ion 174.00 (173.70 to 174.70): VN058601.D (-1754) (-)

Ion 176.00 (175.70 to 176.70): VN058601.D (-1754) (-)

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058601.D

Acq: 8 Oct 2019 11:36

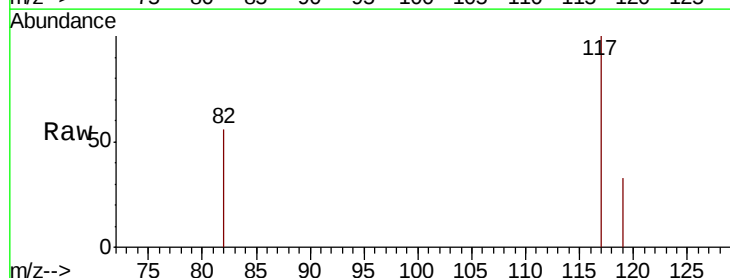
Tgt Ion: 117 Resp: 3694355

Ion Ratio Lower Upper

117 100

82 55.6 44.7 67.1

119 33.4 27.0 40.4

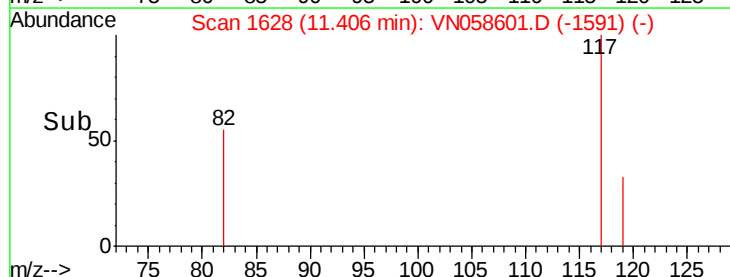


Abundance Ion 117.00 (116.70 to 117.70): VN058601.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN058601.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN058601.D (-1616) (-)

Time-->

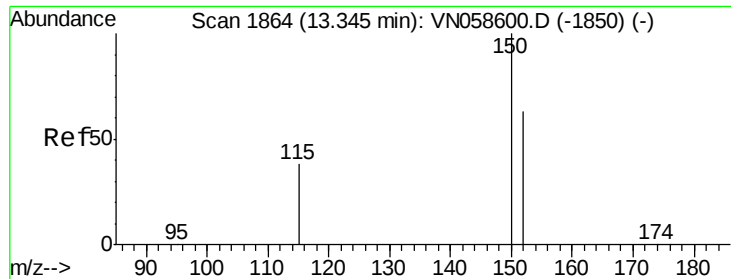


Abundance Ion 117.00 (116.70 to 117.70): VN058601.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VN058601.D (-1591) (-)

Ion 119.00 (118.70 to 119.70): VN058601.D (-1591) (-)

Time-->



#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

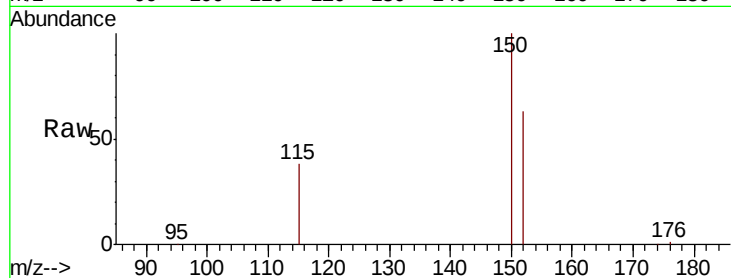
Lab File: VN058601.D

Acq: 8 Oct 2019 11:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 1485871

Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.9	89.8
150	158.6	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

