

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073019\
 Data File : VN056986.D
 Acq On : 30 Jul 2019 19:03
 Operator : JC/SP
 Sample : K4017-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 31 04:16:51 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	36479	5.00	ug/l	0.01
4) 1,4-Difluorobenzene	8.58	114	58606	5.00	ug/l	0.01
8) Chlorobenzene-d5	11.40	117	34636	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	5176	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	20743	4.59	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	91.80%
5) Dibromofluoromethane	7.57	113	17634	4.43	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	88.60%
6) Toluene-d8	10.08	98	34339	4.23	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	84.60%#
7) 4-Bromofluorobenzene	12.40	95	8160	4.30	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	86.00%

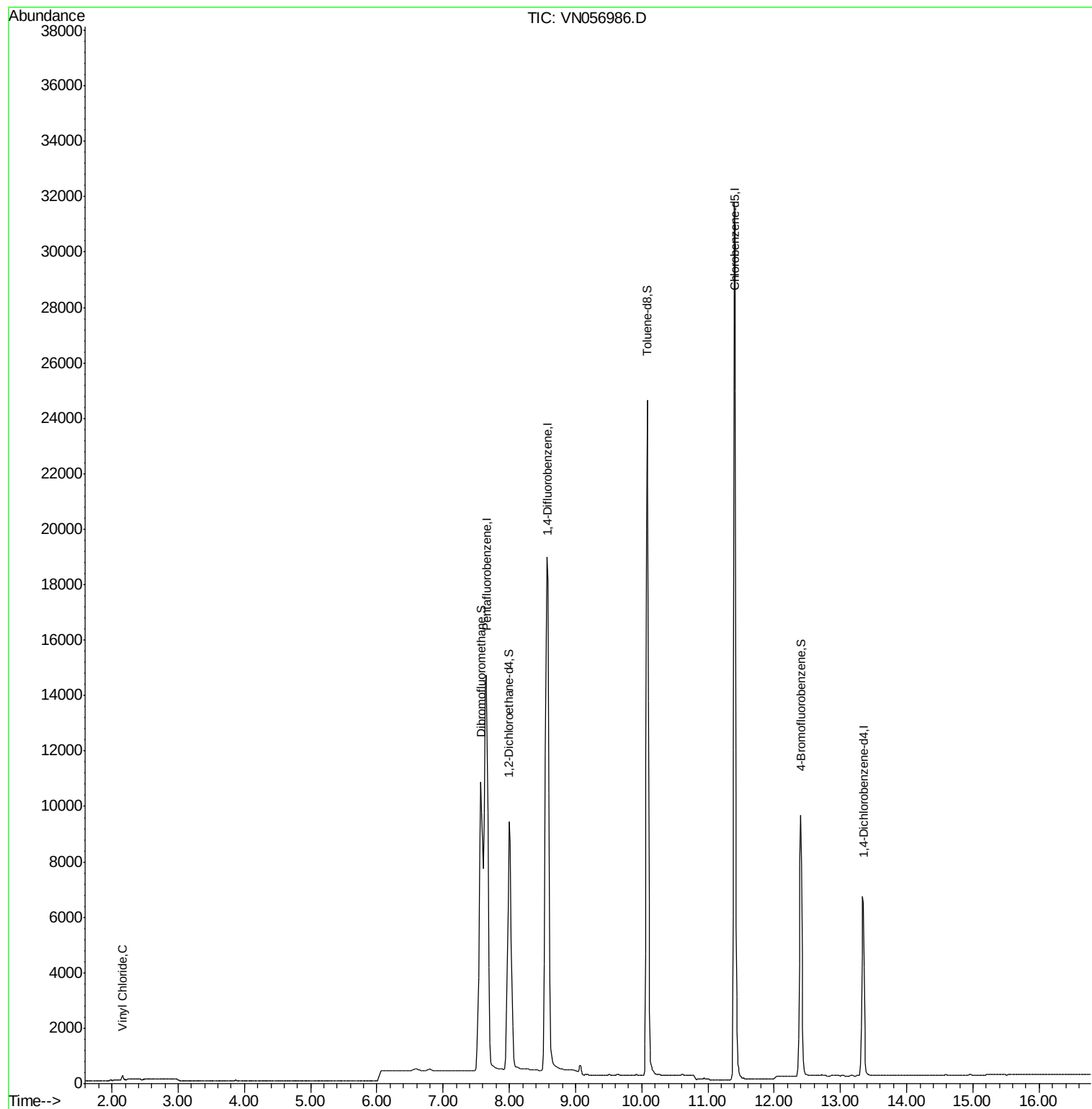
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	176	0.052 ug/l #	33

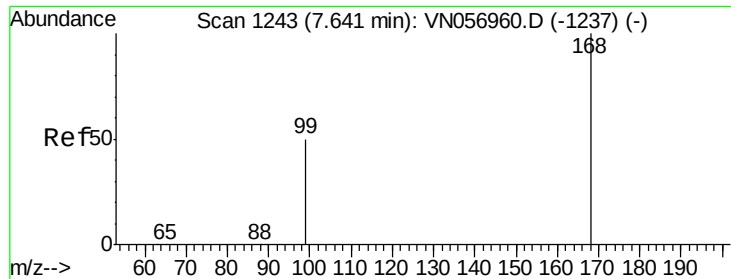
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VN056986.D

Acq: 30 Jul 2019 19:03

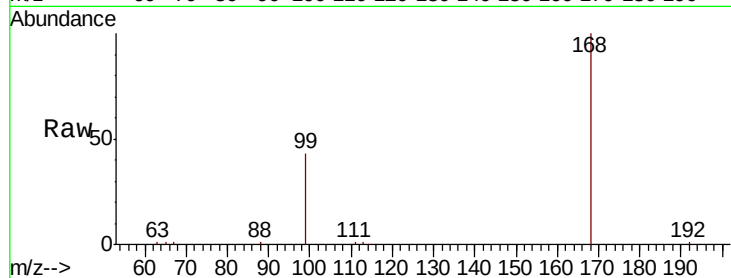
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 36479

Ion Ratio Lower Upper

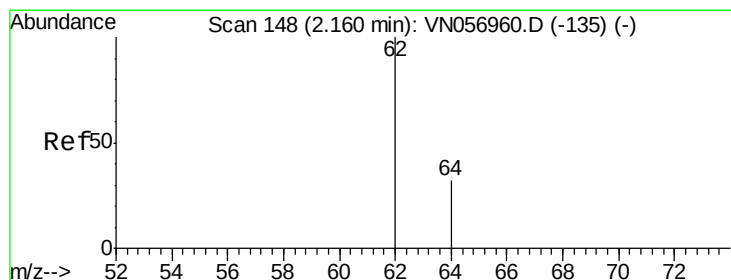
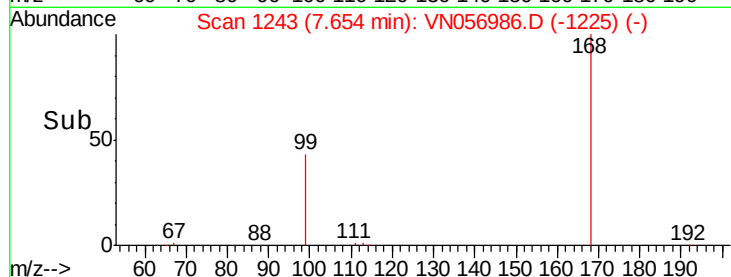
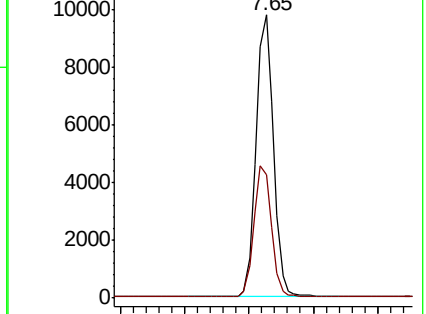
168 100

99 43.5 40.0 60.0



Abundance Ion 168.00 (167.70 to 168.70): VN056986.D (-1237) (-)

Ion 99.00 (98.70 to 99.70): VN056986.D (-1237) (-)



#2

Vinyl Chloride

Concen: 0.052 ug/l

RT: 2.16 min Scan# 148

Delta R.T. -0.00 min

Lab File: VN056986.D

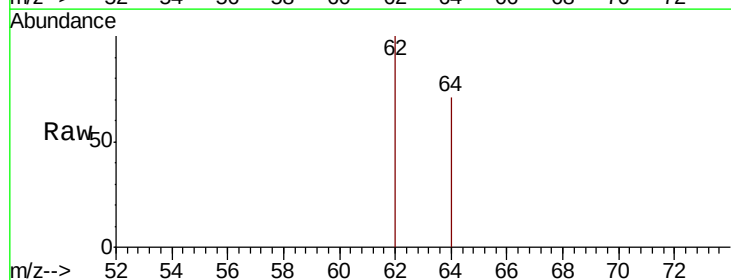
Acq: 30 Jul 2019 19:03

Tgt Ion: 62 Resp: 176

Ion Ratio Lower Upper

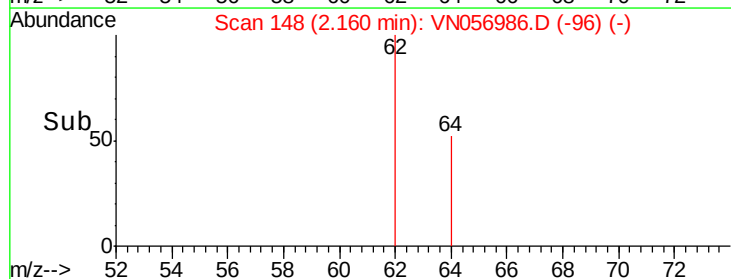
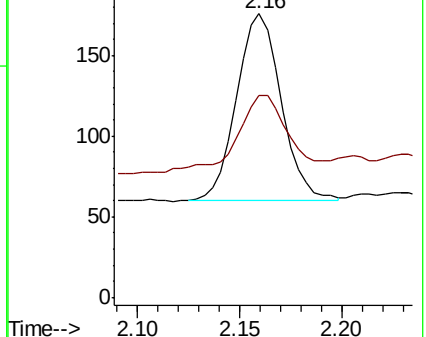
62 100

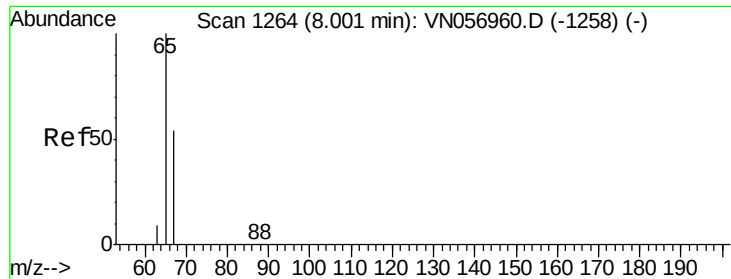
64 71.0 26.4 39.6#



Abundance Ion 62.00 (61.70 to 62.70): VN056986.D (-135) (-)

Ion 64.00 (63.70 to 64.70): VN056986.D (-135) (-)





#3

1,2-Dichloroethane-d4

Concen: 4.588 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN056986.D

Acq: 30 Jul 2019 19:03

Instrument :

MSVOA_N

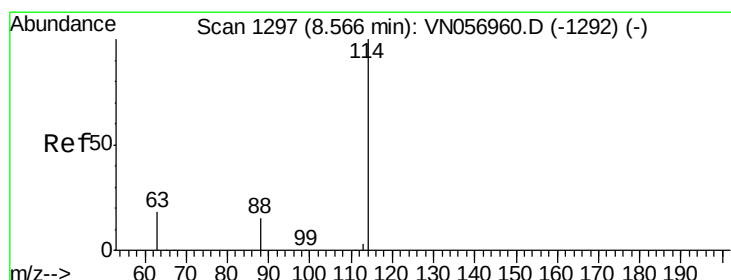
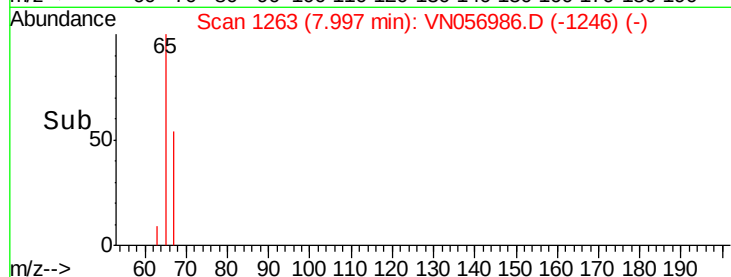
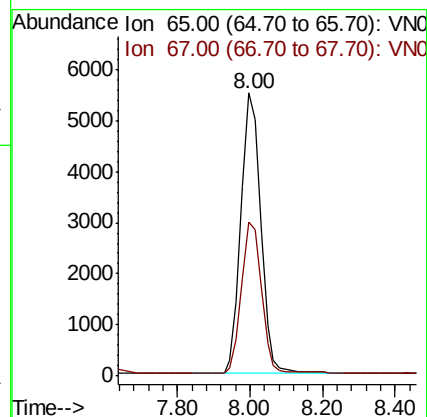
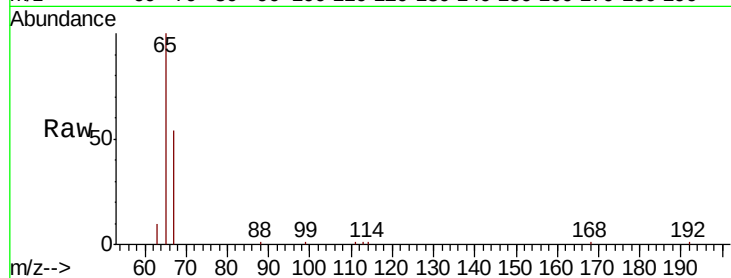
ClientSampled :

Tot Ion: 65 Resp: 20743

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.01 min

Lab File: VN056986.D

Acq: 30 Jul 2019 19:03

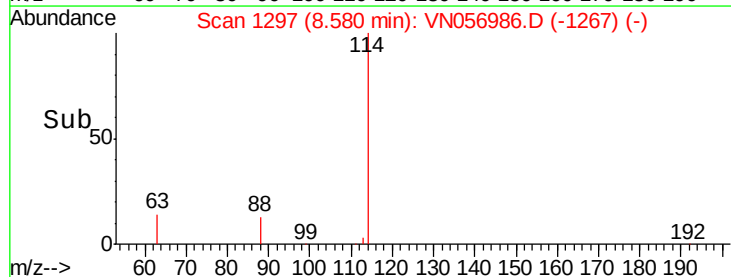
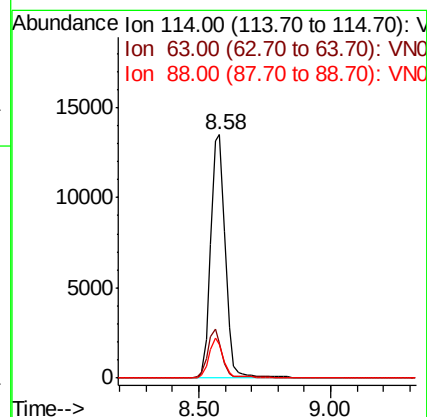
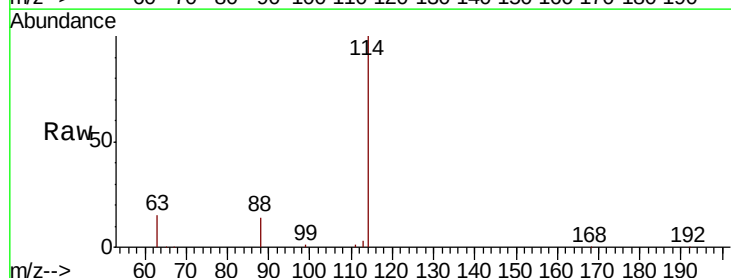
Tgt Ion: 114 Resp: 58606

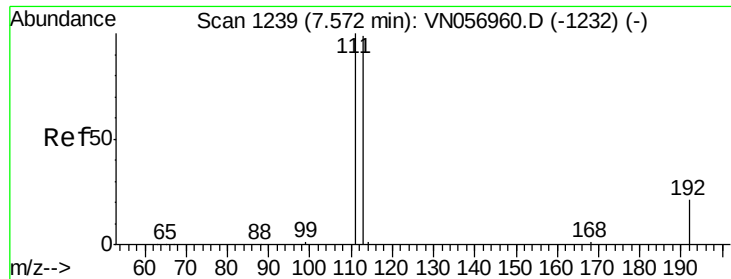
Ion Ratio Lower Upper

114 100

63 14.6 0.0 37.6

88 13.6 0.0 31.0





#5

Dibromofluoromethane

Concen: 4.429 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VN056986.D

Acq: 30 Jul 2019 19:03

Instrument :

MSVOA_N

ClientSampled :

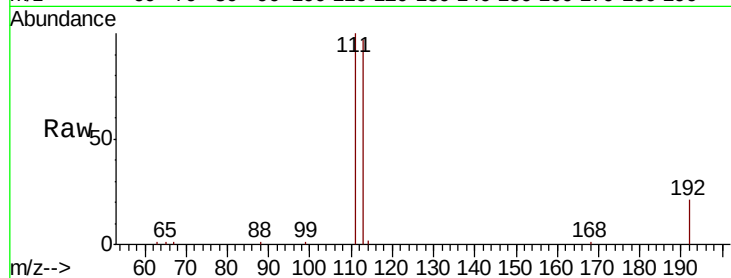
Tot Ion:113 Resp: 17634

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

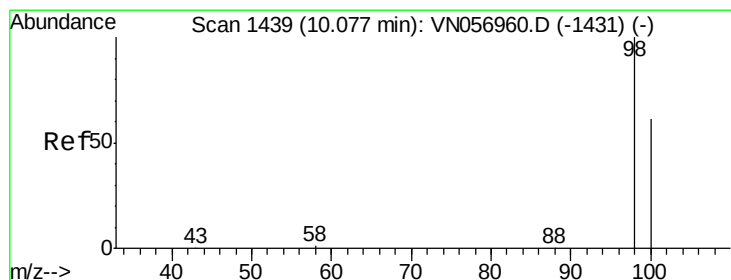
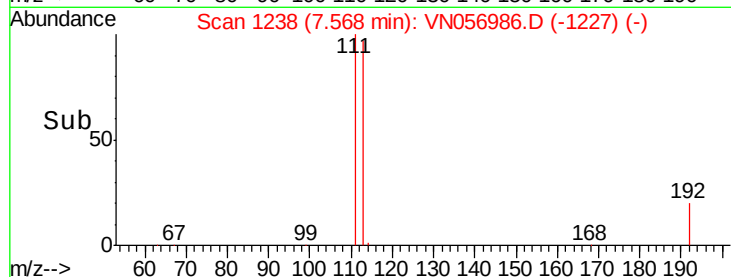
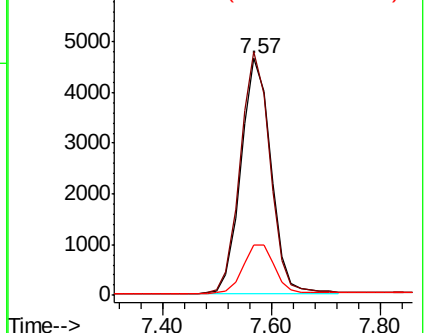
192 21.5 17.9 26.9



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: 4.226 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN056986.D

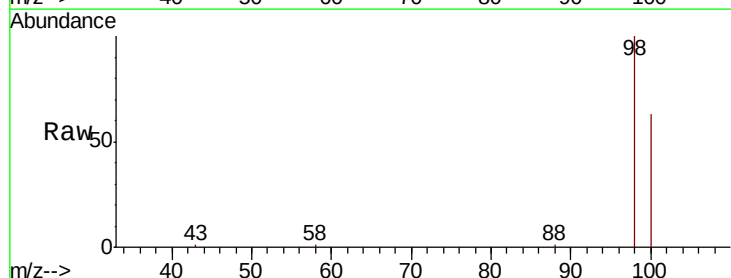
Acq: 30 Jul 2019 19:03

Tgt Ion: 98 Resp: 34339

Ion Ratio Lower Upper

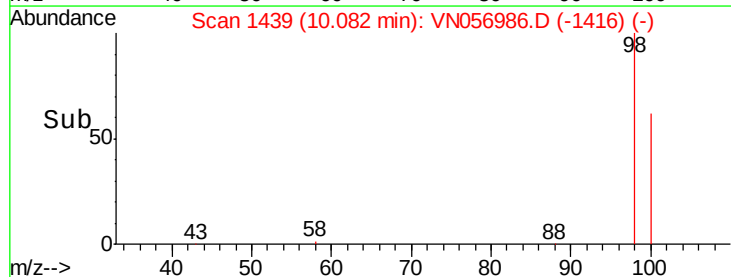
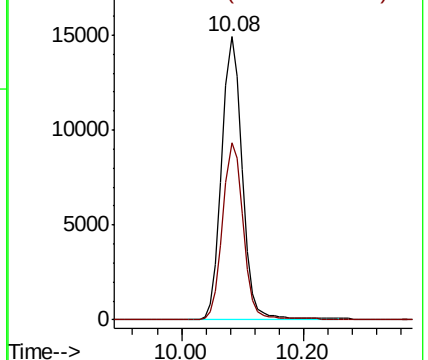
98 100

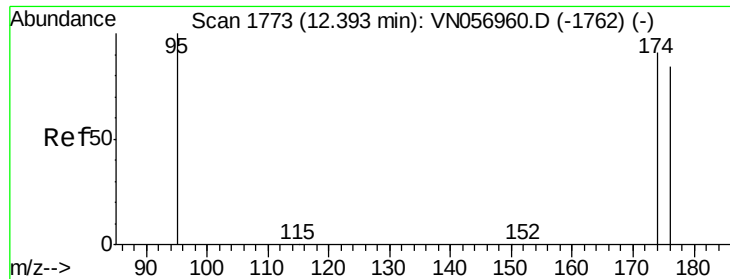
100 62.5 49.0 73.4



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.303 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056986.D

Acq: 30 Jul 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

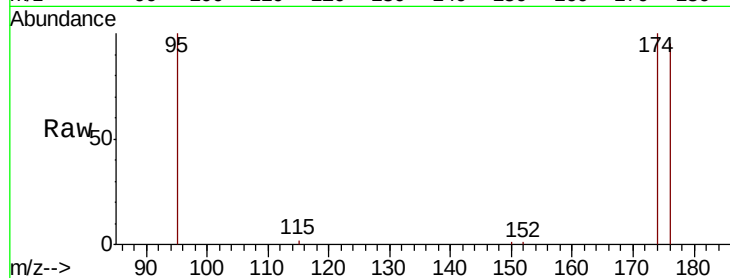
Tot Ion: 95 Resp: 8160

Ion Ratio Lower Upper

95 100

174 99.6 0.0 181.4

176 95.0 0.0 168.2

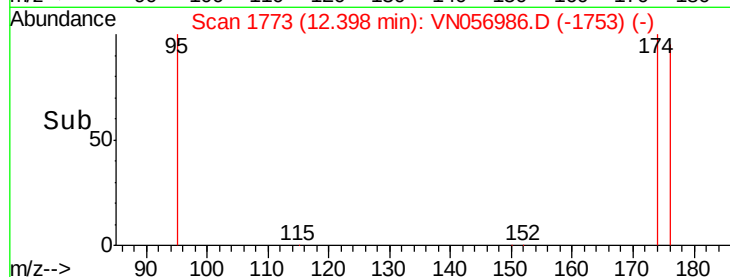


Abundance Ion 95.00 (94.70 to 95.70): VN056986.D (-1762) (-)

Ion 174.00 (173.70 to 174.70): VN056986.D (-1762) (-)

Ion 176.00 (175.70 to 176.70): VN056986.D (-1762) (-)

Time-->



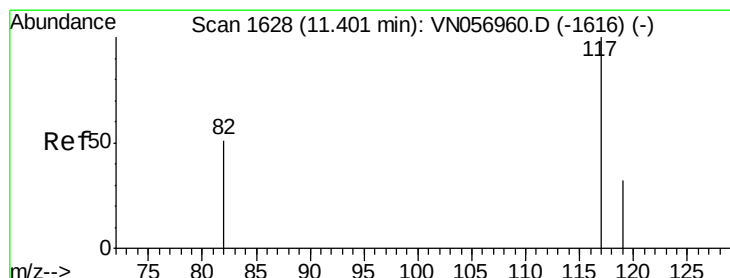
Abundance

Ion 95.00 (94.70 to 95.70): VN056986.D (-1753) (-)

Ion 174.00 (173.70 to 174.70): VN056986.D (-1753) (-)

Ion 176.00 (175.70 to 176.70): VN056986.D (-1753) (-)

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.40 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN056986.D

Acq: 30 Jul 2019 19:03

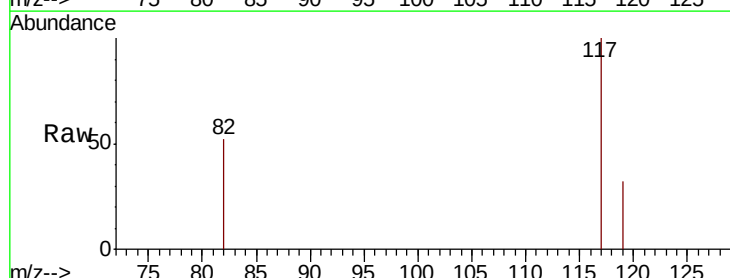
Tgt Ion: 117 Resp: 34636

Ion Ratio Lower Upper

117 100

82 52.2 40.7 61.1

119 31.6 25.6 38.4

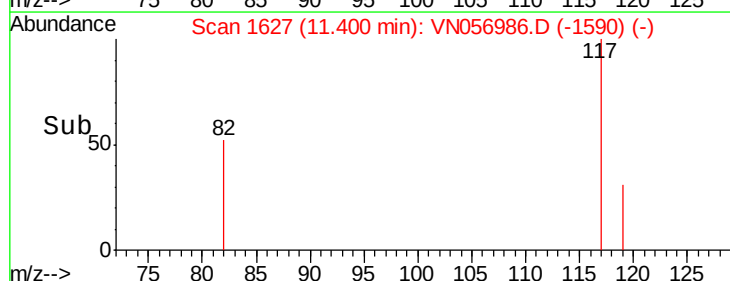


Abundance Ion 117.00 (116.70 to 117.70): VN056986.D (-1590) (-)

Ion 82.00 (81.70 to 82.70): VN056986.D (-1590) (-)

Ion 119.00 (118.70 to 119.70): VN056986.D (-1590) (-)

Time-->



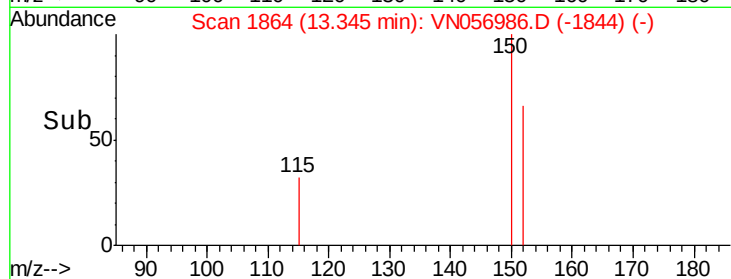
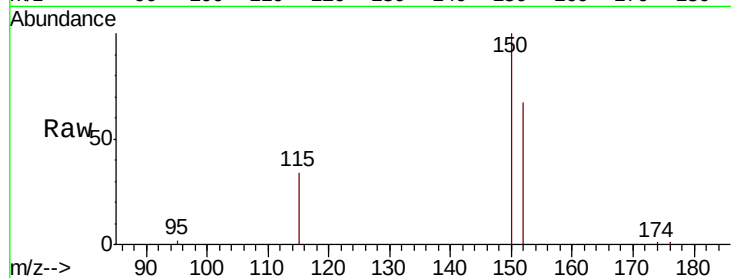
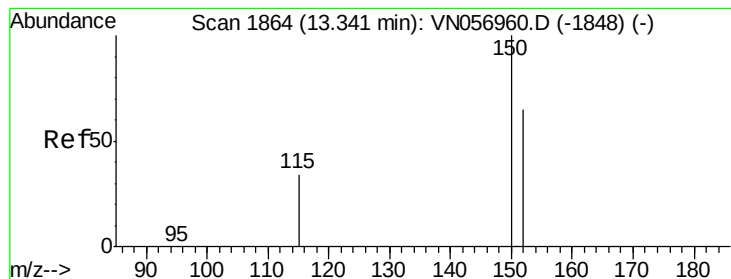
Abundance

Ion 117.00 (116.70 to 117.70): VN056986.D (-1590) (-)

Ion 82.00 (81.70 to 82.70): VN056986.D (-1590) (-)

Ion 119.00 (118.70 to 119.70): VN056986.D (-1590) (-)

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: VN056986.D

Acq: 30 Jul 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:152 Resp: 5176

Ion Ratio Lower Upper

152 100

115 50.2 27.0 80.8

150 149.7 0.0 306.8

