

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073019\
 Data File : VN056991.D
 Acq On : 30 Jul 2019 22:09
 Operator : JC/SP
 Sample : VSSTDCCC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDCCC005

Quant Time: Jul 31 01:48:20 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	35751	5.00	ug/l	0.01
4) 1,4-Difluorobenzene	8.58	114	50206	5.00	ug/l	0.01
8) Chlorobenzene-d5	11.40	117	34407	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	5204	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	20641	4.66	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	93.20%
5) Dibromofluoromethane	7.57	113	17486	5.13	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	102.60%
6) Toluene-d8	10.08	98	34276	4.92	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	98.40%
7) 4-Bromofluorobenzene	12.40	95	8428	5.19	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	103.80%

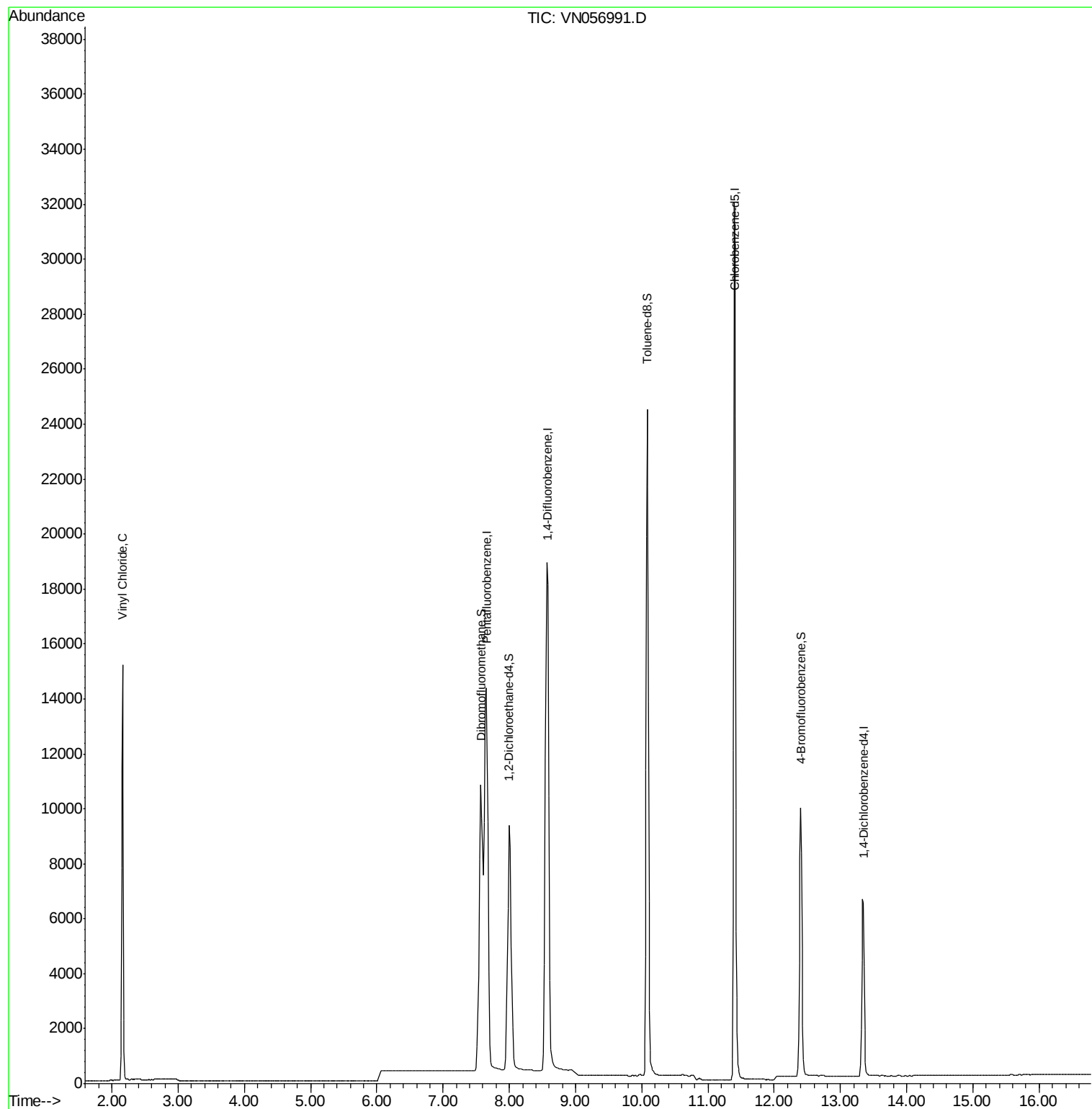
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	16835	5.100	ug/l 100

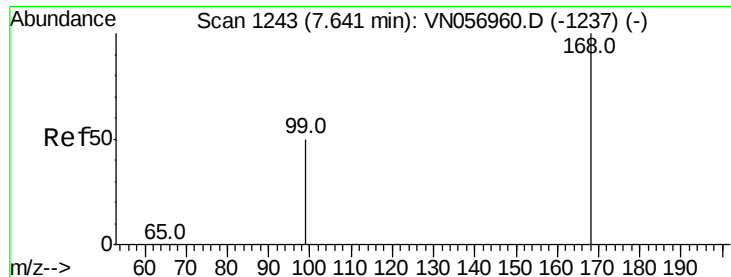
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Lab File: VN056991.D

Acq: 30 Jul 2019 22:09

Instrument :

MSVOA_N

ClientSampleId :

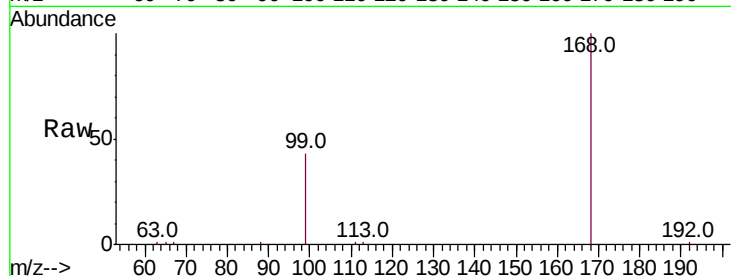
VSSTDCCC005

Tot Ion:168 Resp: 35751

Ion Ratio Lower Upper

168 100

99 43.3 40.0 60.0



Abundance Ion 168.00 (167.70 to 168.70): VN056991.D (-1225) (-)

Ion 99.00 (98.70 to 99.70): VN056991.D (-1225) (-)

7.65

10000

8000

6000

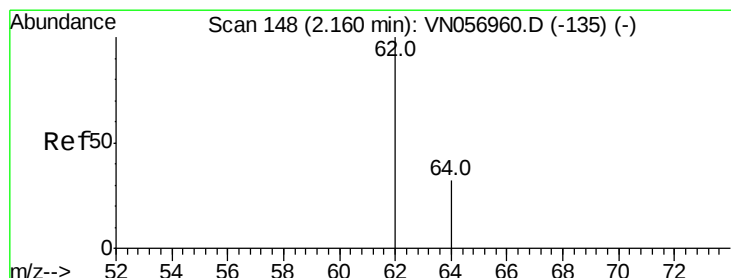
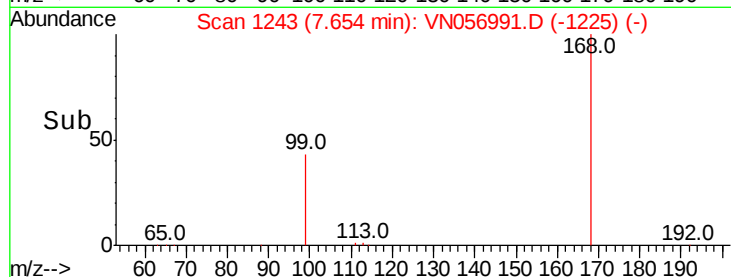
4000

2000

0

7.40 7.60 7.80 8.00

Time-->



#2

Vinyl Chloride

Concen: 5.100 ug/l

RT: 2.16 min Scan# 148

Delta R.T. -0.00 min

Lab File: VN056991.D

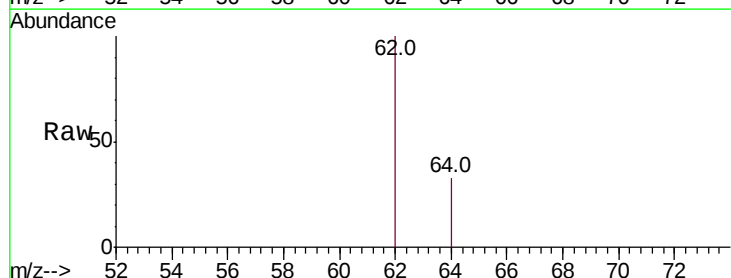
Acq: 30 Jul 2019 22:09

Tgt Ion: 62 Resp: 16835

Ion Ratio Lower Upper

62 100

64 32.7 26.4 39.6



Abundance Ion 62.00 (61.70 to 62.70): VN056991.D (-96) (-)

Ion 64.00 (63.70 to 64.70): VN056991.D (-96) (-)

2.16

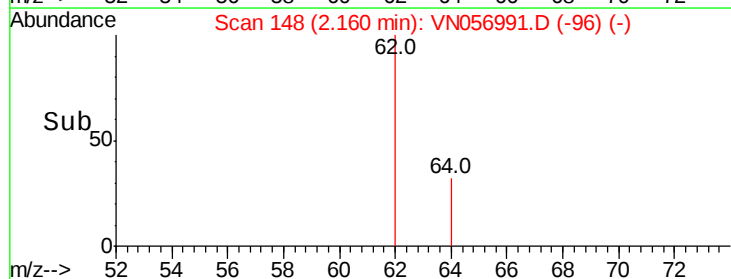
10000

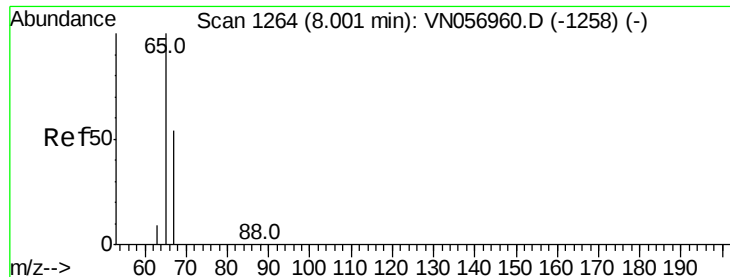
5000

0

2.10 2.20 2.30

Time-->





#3

1,2-Dichloroethane-d4

Concen: 4.658 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN056991.D

Acq: 30 Jul 2019 22:09

Instrument :

MSVOA_N

ClientSampleId :

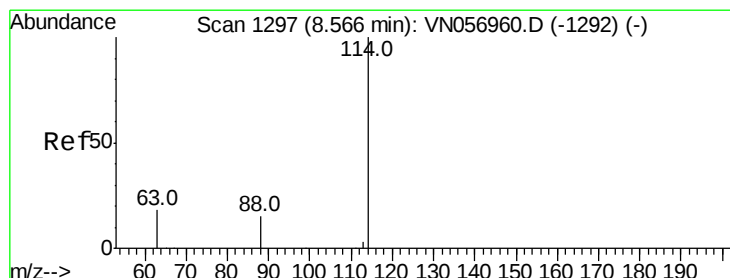
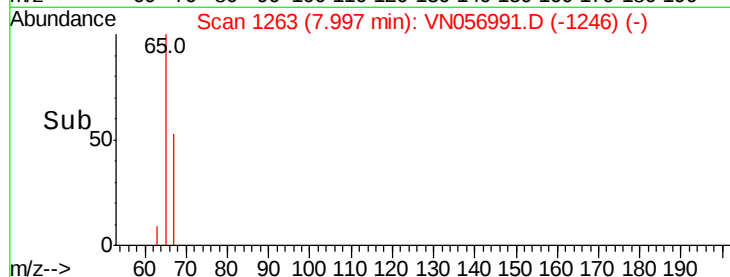
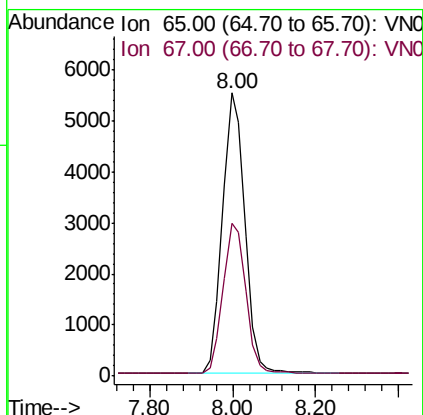
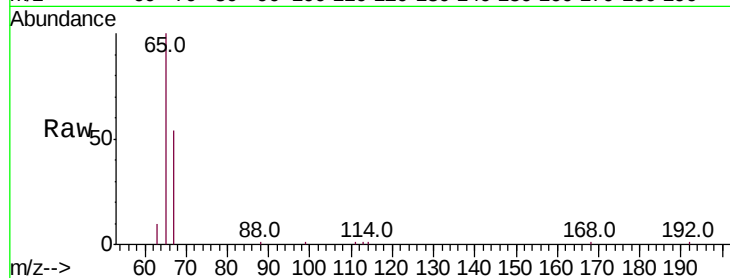
VSSTDCCC005

Tot Ion: 65 Resp: 20641

Ion Ratio Lower Upper

65 100

67 53.9 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: VN056991.D

Acq: 30 Jul 2019 22:09

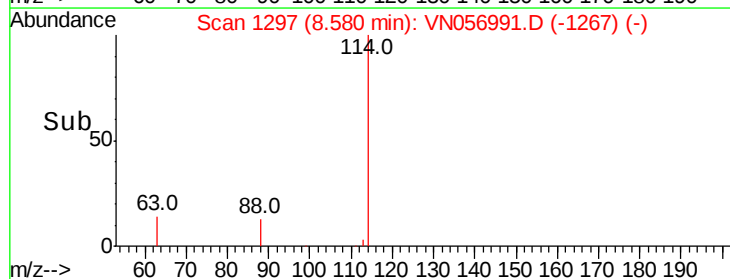
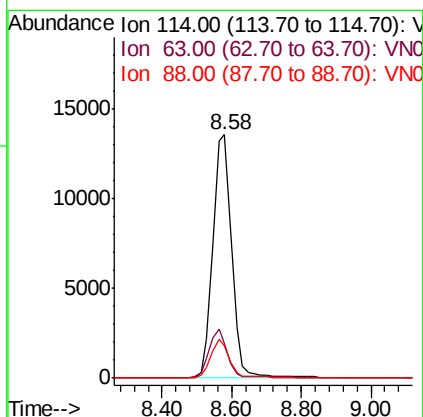
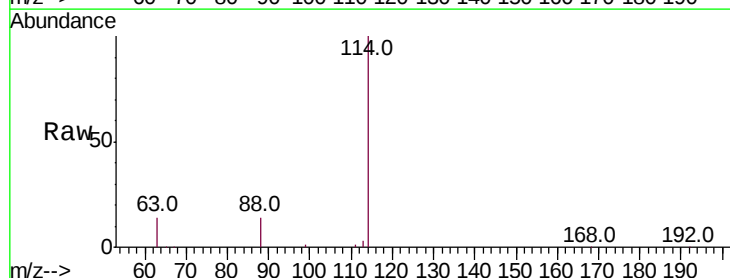
Tgt Ion: 114 Resp: 50206

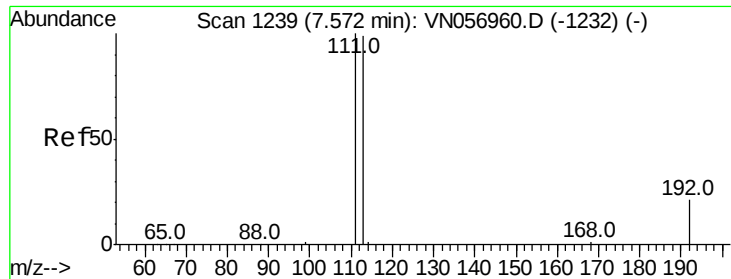
Ion Ratio Lower Upper

114 100

63 14.2 0.0 37.6

88 13.5 0.0 31.0





#5

Dibromofluoromethane

Concen: 5.127 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VN056991.D

Acq: 30 Jul 2019 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC005

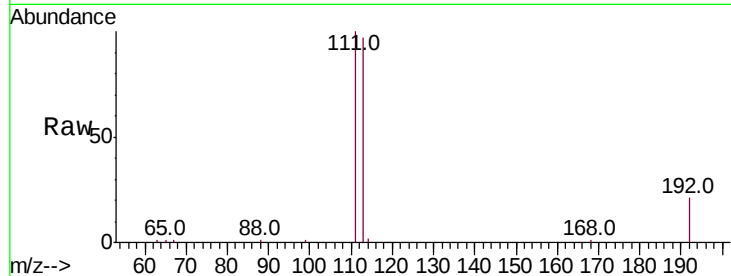
Tot Ion:113 Resp: 17486

Ion Ratio Lower Upper

113 100

111 103.5 81.1 121.7

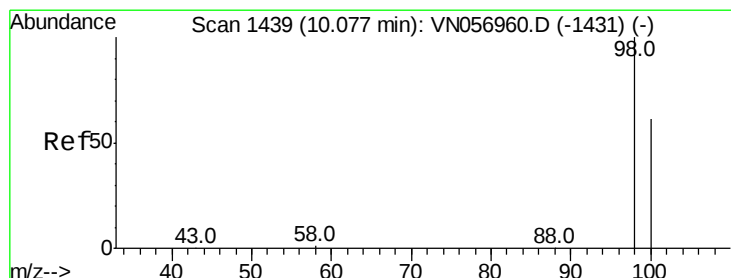
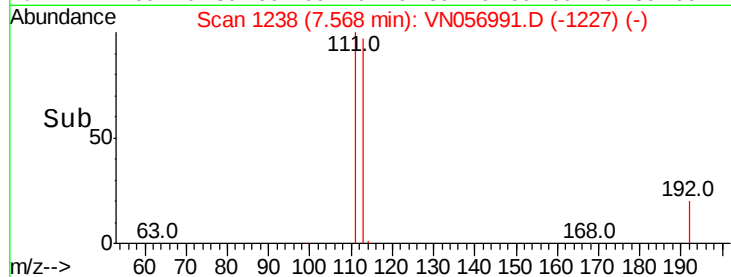
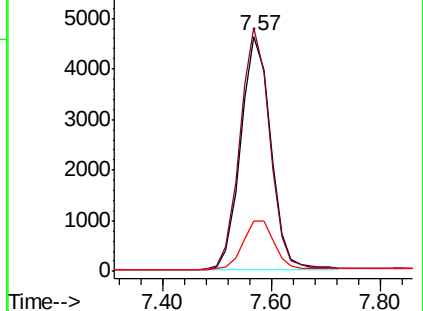
192 21.5 17.9 26.9



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: 4.924 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN056991.D

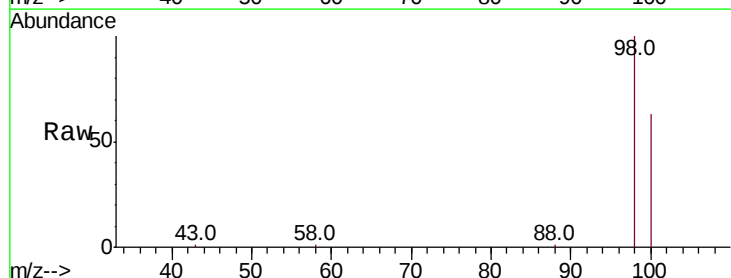
Acq: 30 Jul 2019 22:09

Tgt Ion: 98 Resp: 34276

Ion Ratio Lower Upper

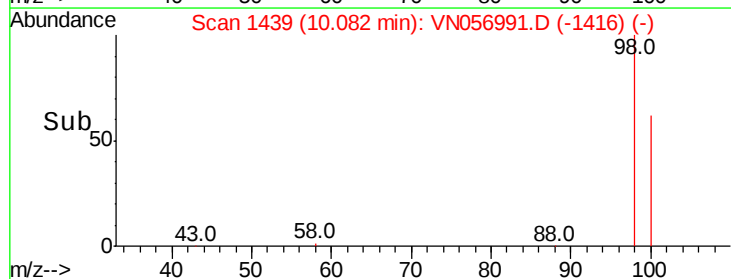
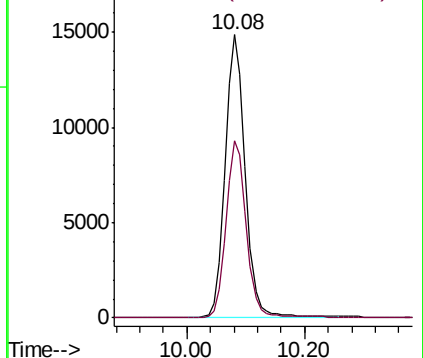
98 100

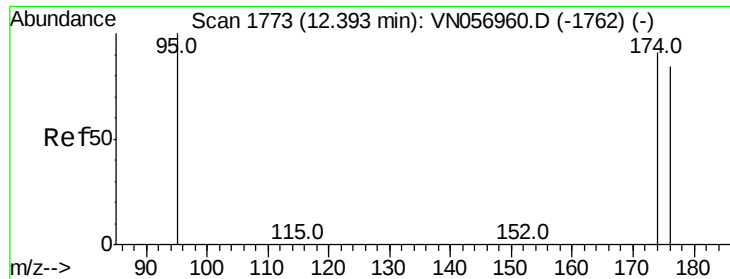
100 62.6 49.0 73.4



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 5.188 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056991.D

Acq: 30 Jul 2019 22:09

Instrument :

MSVOA_N

ClientSampleId :

VSSTDCCC005

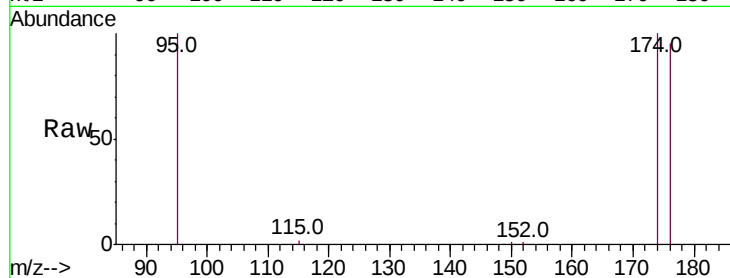
Tot Ion: 95 Resp: 8428

Ion Ratio Lower Upper

95 100

174 100.2 0.0 181.4

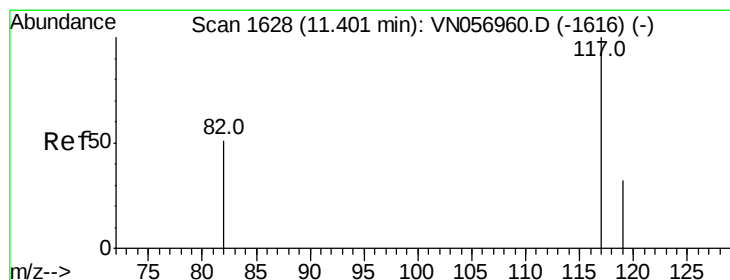
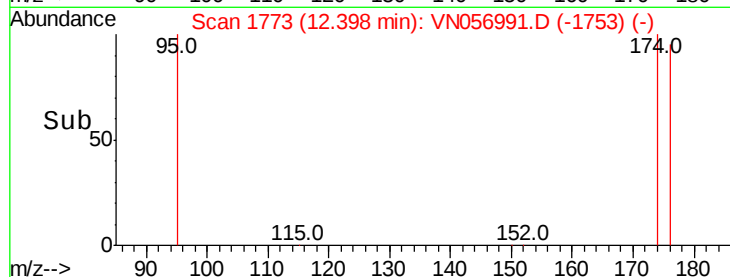
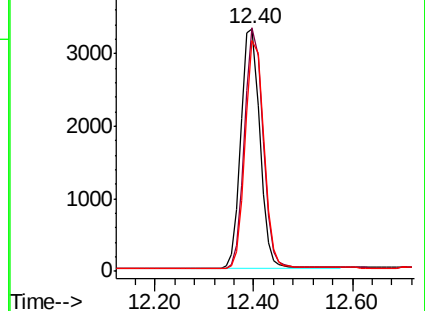
176 94.9 0.0 168.2



Abundance Ion 95.00 (94.70 to 95.70): VN056991.D (-1762) (-)

Ion 174.00 (173.70 to 174.70): VN056991.D (-1762) (-)

Ion 176.00 (175.70 to 176.70): VN056991.D (-1762) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.40 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN056991.D

Acq: 30 Jul 2019 22:09

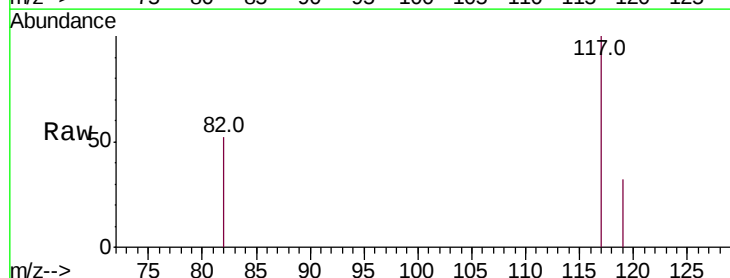
Tgt Ion: 117 Resp: 34407

Ion Ratio Lower Upper

117 100

82 52.0 40.7 61.1

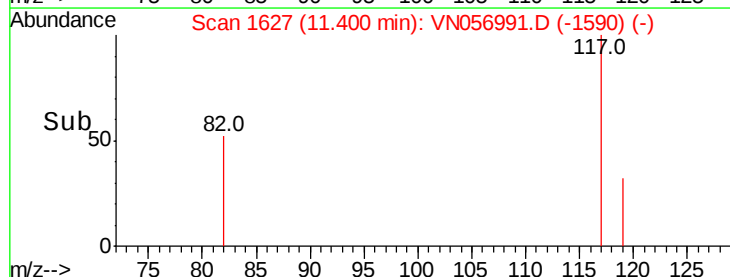
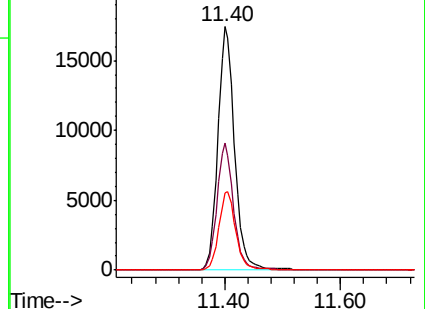
119 31.8 25.6 38.4

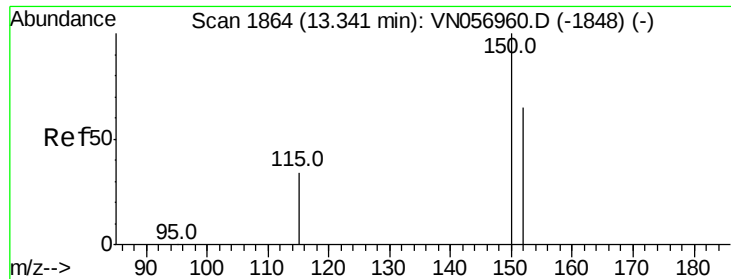


Abundance Ion 117.00 (116.70 to 117.70): VN056991.D (-1590) (-)

Ion 82.00 (81.70 to 82.70): VN056991.D (-1590) (-)

Ion 119.00 (118.70 to 119.70): VN056991.D (-1590) (-)





#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN056991.D
 Acq: 30 Jul 2019 22:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDCCC005

Tot Ion:152 Resp: 5204
 Ion Ratio Lower Upper
 152 100
 115 50.5 27.0 80.8
 150 149.4 0.0 306.8

