

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056649.D
 Acq On : 10 Jul 2019 16:46
 Operator : JC/SP
 Sample : K3636-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-JMW0941

Quant Time: Jul 11 05:01:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071019SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 04:54:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	48090	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.59	114	83826	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	55921	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	13457	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.01	65	29560	5.12	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	102.40%
5) Dibromofluoromethane	7.58	113	22615	5.11	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	102.20%
6) Toluene-d8	10.09	98	53554	5.00	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	100.00%
7) 4-Bromofluorobenzene	12.39	95	18373	4.79	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	95.80%

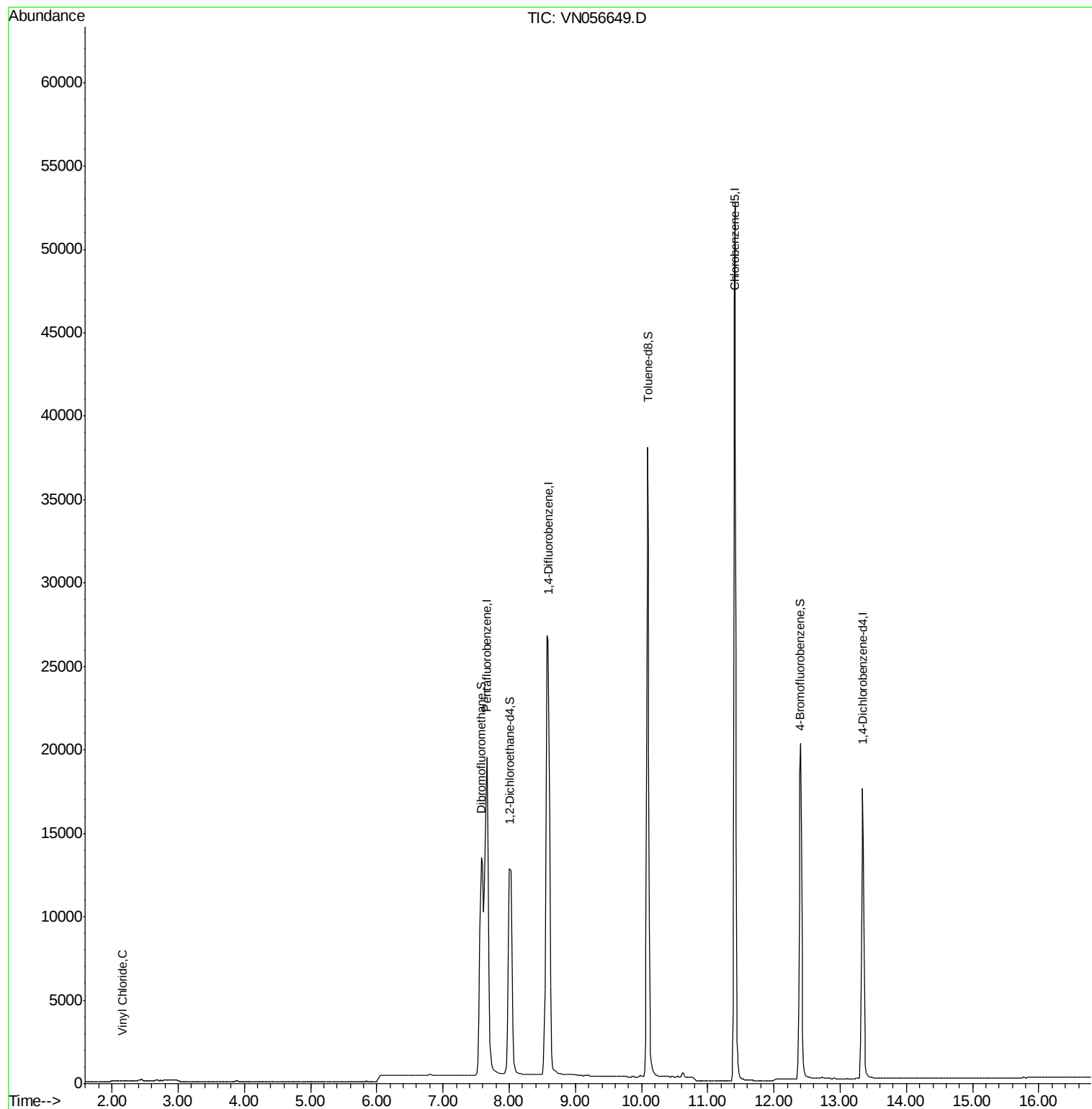
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	16	0.004 ug/l #	1

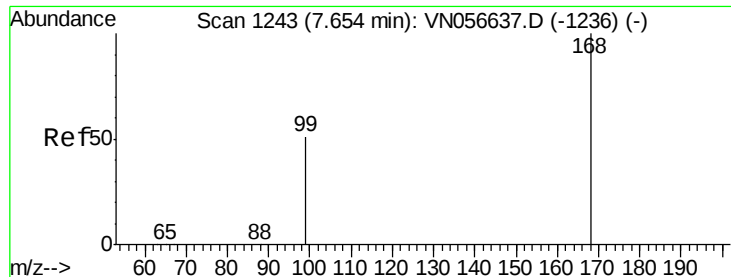
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.66 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VN056649.D

Acq: 10 Jul 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

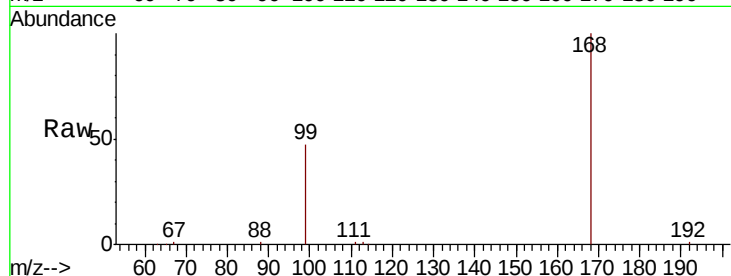
SP19-JMW0941

Tot Ion:168 Resp: 48090

Ion Ratio Lower Upper

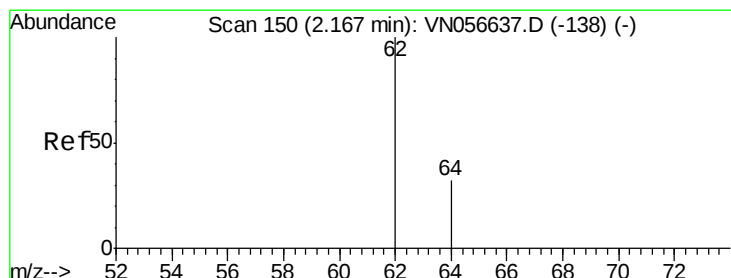
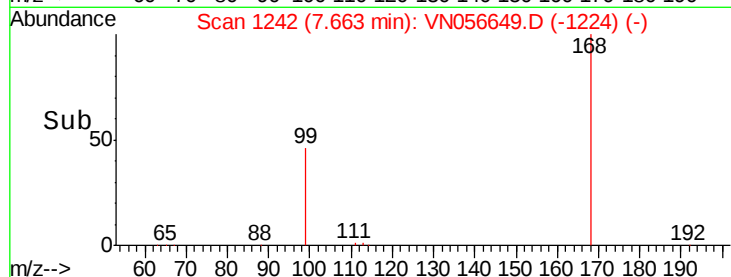
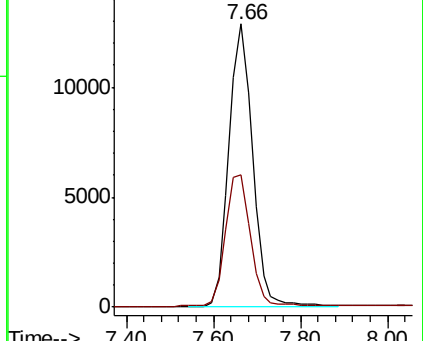
168 100

99 46.6 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): VN056637.D (-1236) (-)

Ion 99.00 (98.70 to 99.70): VN056637.D (-1236) (-)



#2

Vinyl Chloride

Concen: 0.004 ug/l

RT: 2.16 min Scan# 149

Delta R.T. -0.00 min

Lab File: VN056649.D

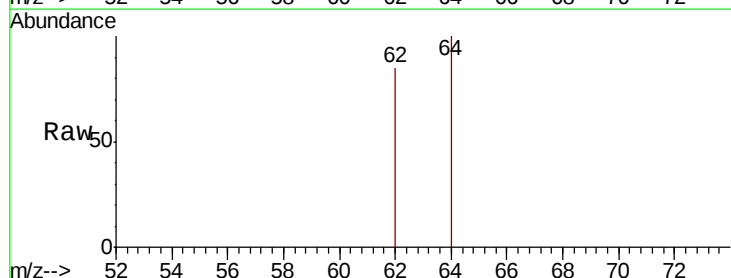
Acq: 10 Jul 2019 16:46

Tgt Ion: 62 Resp: 16

Ion Ratio Lower Upper

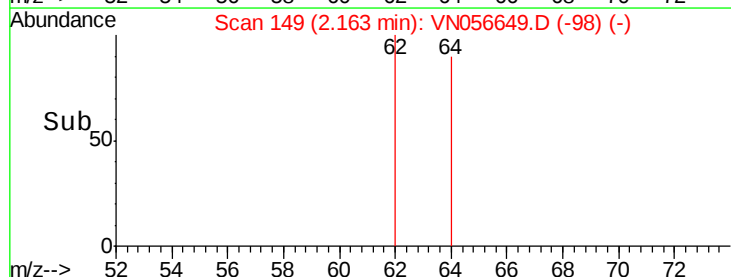
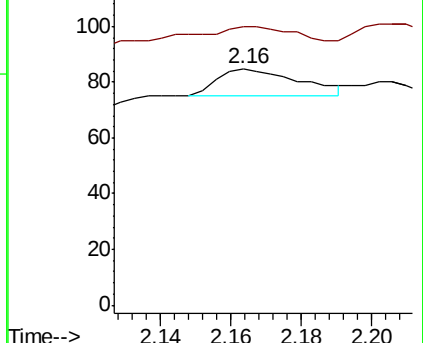
62 100

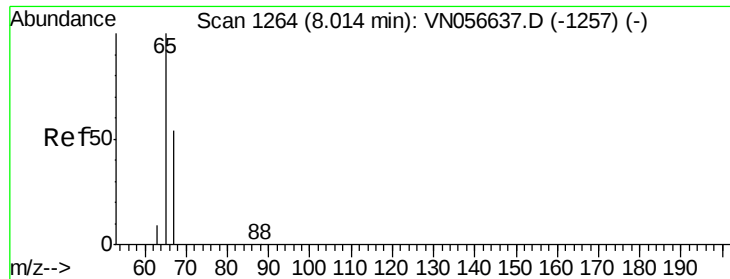
64 117.6 26.0 39.0#



Abundance Ion 62.00 (61.70 to 62.70): VN056637.D (-138) (-)

Ion 64.00 (63.70 to 64.70): VN056637.D (-138) (-)





#3

1,2-Dichloroethane-d4

Concen: 5.125 ug/l

RT: 8.01 min Scan# 1262

Delta R.T. -0.01 min

Lab File: VN056649.D

Acq: 10 Jul 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

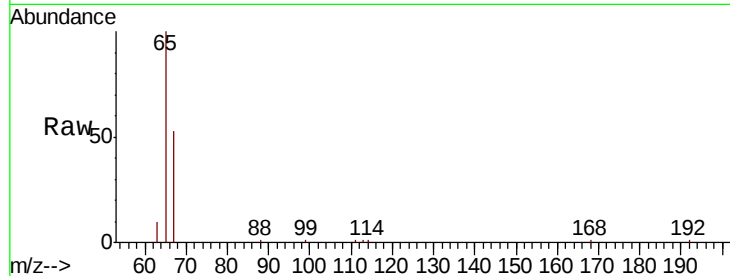
SP19-JMW0941

Tot Ion: 65 Resp: 29560

Ion Ratio Lower Upper

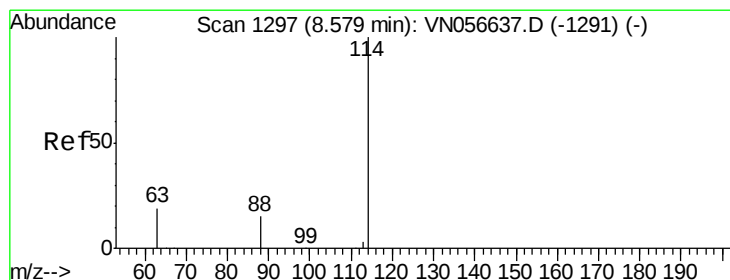
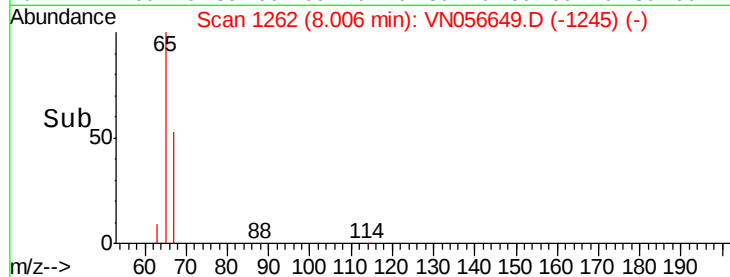
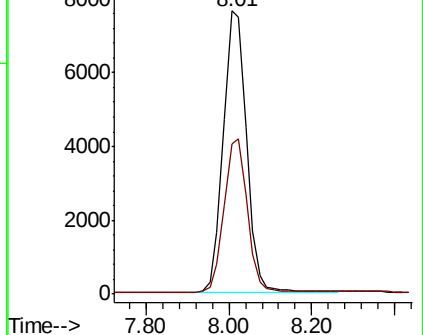
65 100

67 53.2 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VN056637.D (-1257) (-)

Ion 67.00 (66.70 to 67.70): VN056637.D (-1257) (-)



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.59 min Scan# 1296

Delta R.T. 0.01 min

Lab File: VN056649.D

Acq: 10 Jul 2019 16:46

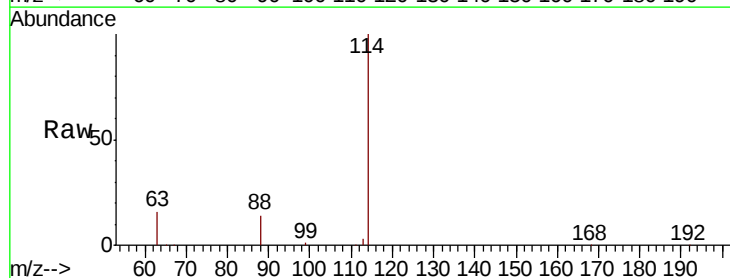
Tgt Ion: 114 Resp: 83826

Ion Ratio Lower Upper

114 100

63 15.5 0.0 37.6

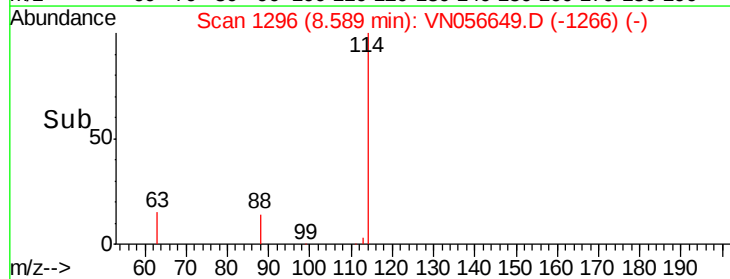
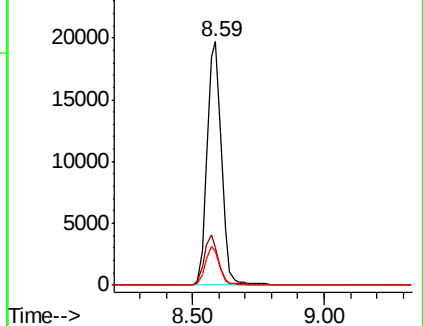
88 13.9 0.0 30.8

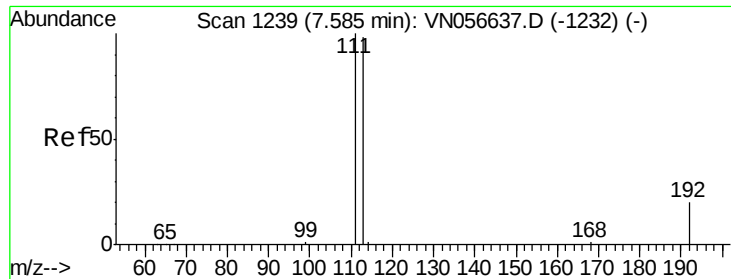


Abundance Ion 114.00 (113.70 to 114.70): VN056637.D (-1291) (-)

Ion 63.00 (62.70 to 63.70): VN056637.D (-1291) (-)

Ion 88.00 (87.70 to 88.70): VN056637.D (-1291) (-)





#5

Dibromofluoromethane

Concen: 5.110 ug/l

RT: 7.58 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VN056649.D

Acq: 10 Jul 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

SP19-JMW0941

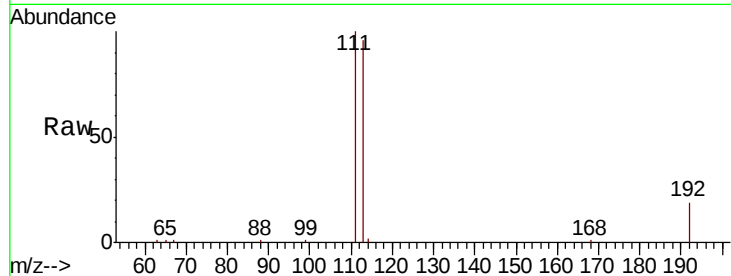
Tot Ion: 113 Resp: 22615

Ion Ratio Lower Upper

113 100

111 104.5 81.3 121.9

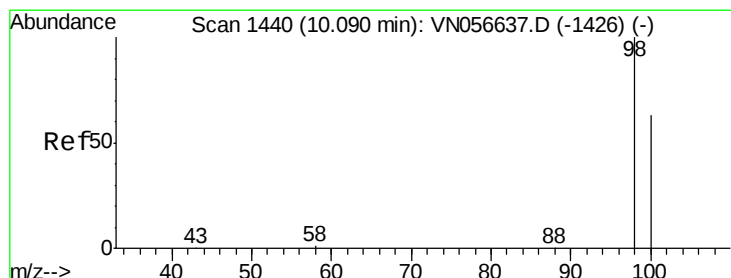
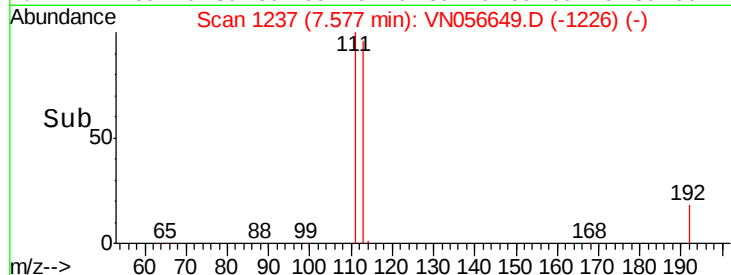
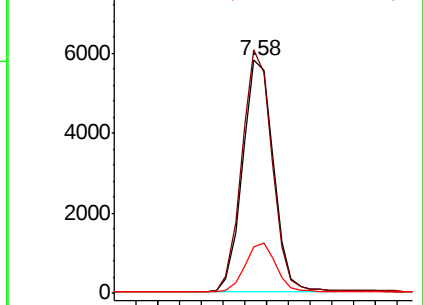
192 19.9 16.9 25.3



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: 5.004 ug/l

RT: 10.09 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VN056649.D

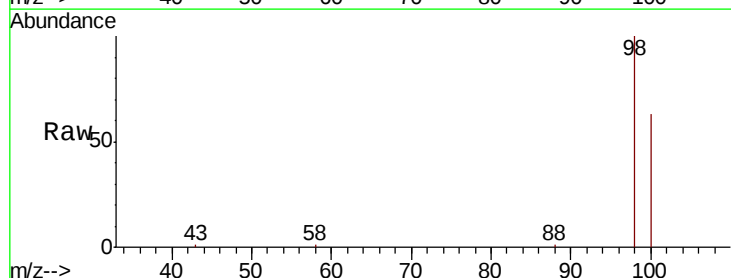
Acq: 10 Jul 2019 16:46

Tgt Ion: 98 Resp: 53554

Ion Ratio Lower Upper

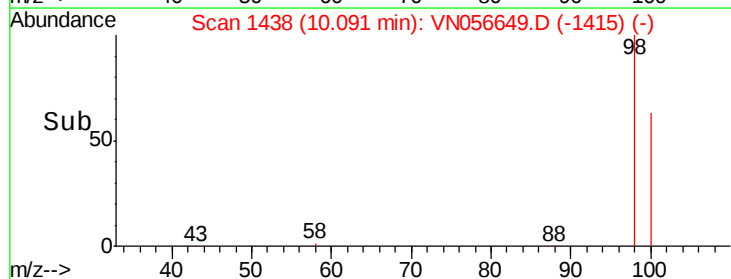
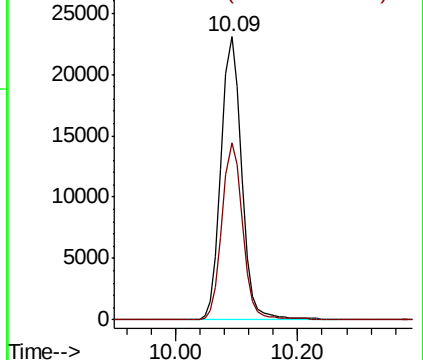
98 100

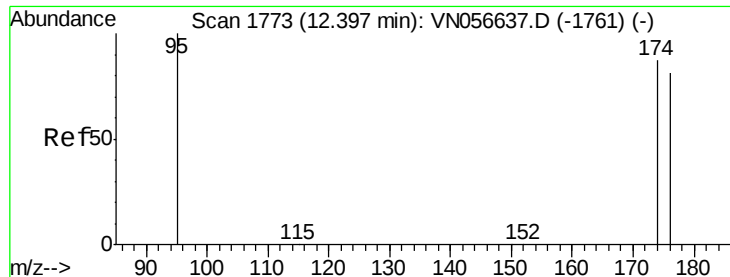
100 62.8 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.792 ug/l

RT: 12.39 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VN056649.D

Acq: 10 Jul 2019 16:46

Instrument :

MSVOA_N

ClientSampleId :

SP19-JMW0941

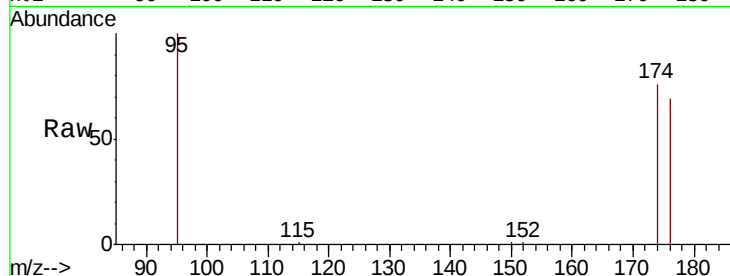
Tot Ion: 95 Resp: 18373

Ion Ratio Lower Upper

95 100

174 75.9 0.0 174.2

176 68.9 0.0 162.0

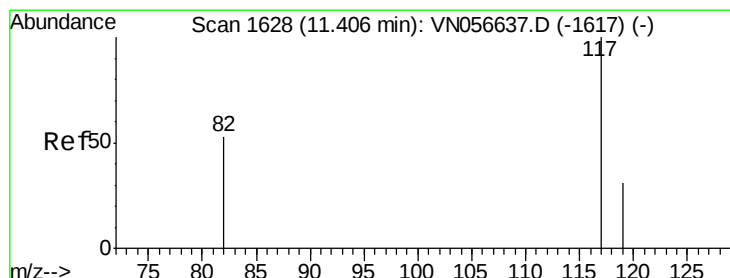
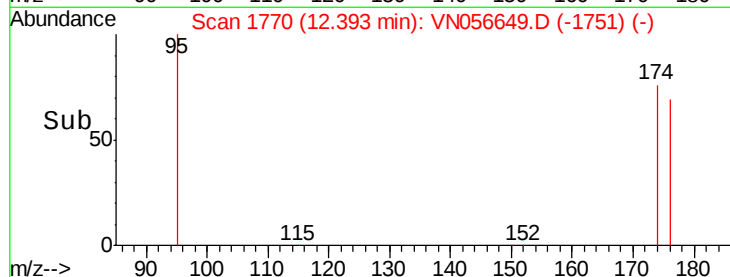


Abundance Ion 95.00 (94.70 to 95.70): VN056637.D (-1761) (-)

Ion 174.00 (173.70 to 174.70): VN056637.D (-1761) (-)

Ion 176.00 (175.70 to 176.70): VN056637.D (-1761) (-)

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VN056649.D

Acq: 10 Jul 2019 16:46

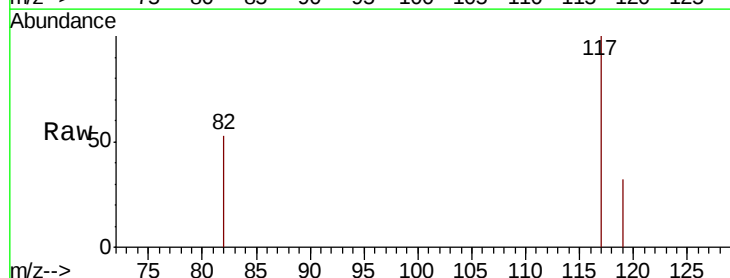
Tgt Ion: 117 Resp: 55921

Ion Ratio Lower Upper

117 100

82 53.4 42.6 63.8

119 31.5 25.0 37.6

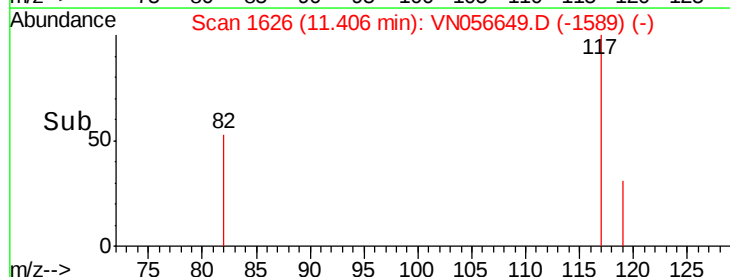


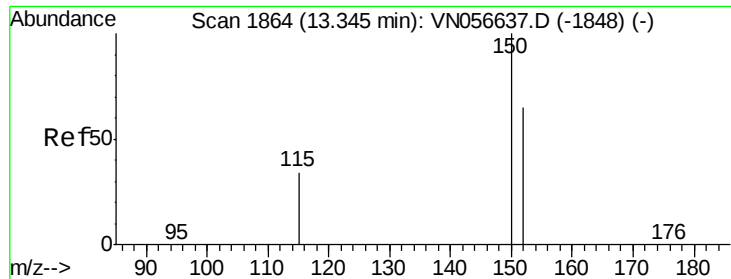
Abundance Ion 117.00 (116.70 to 117.70): VN056637.D (-1617) (-)

Ion 82.00 (81.70 to 82.70): VN056637.D (-1617) (-)

Ion 119.00 (118.70 to 119.70): VN056637.D (-1617) (-)

Time-->





#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.34 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VN056649.D
 Acq: 10 Jul 2019 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-JMW0941

Tot Ion:152 Resp: 13457
 Ion Ratio Lower Upper
 152 100
 115 55.6 26.5 79.4
 150 158.4 0.0 306.0

