

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062819\
 Data File : VN056544.D
 Acq On : 28 Jun 2019 10:34
 Operator : JC/SP
 Sample : 0.05ppb LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 28 23:30:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062719SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 03:22:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	52455	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.59	114	89261	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	54068	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	8327	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	25912	4.03	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	80.60%#
5) Dibromofluoromethane	7.58	113	19345	3.93	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	78.60%#
6) Toluene-d8	10.09	98	42667	3.83	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	76.60%#
7) 4-Bromofluorobenzene	12.39	95	10973	3.85	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	77.00%#

Target Compounds

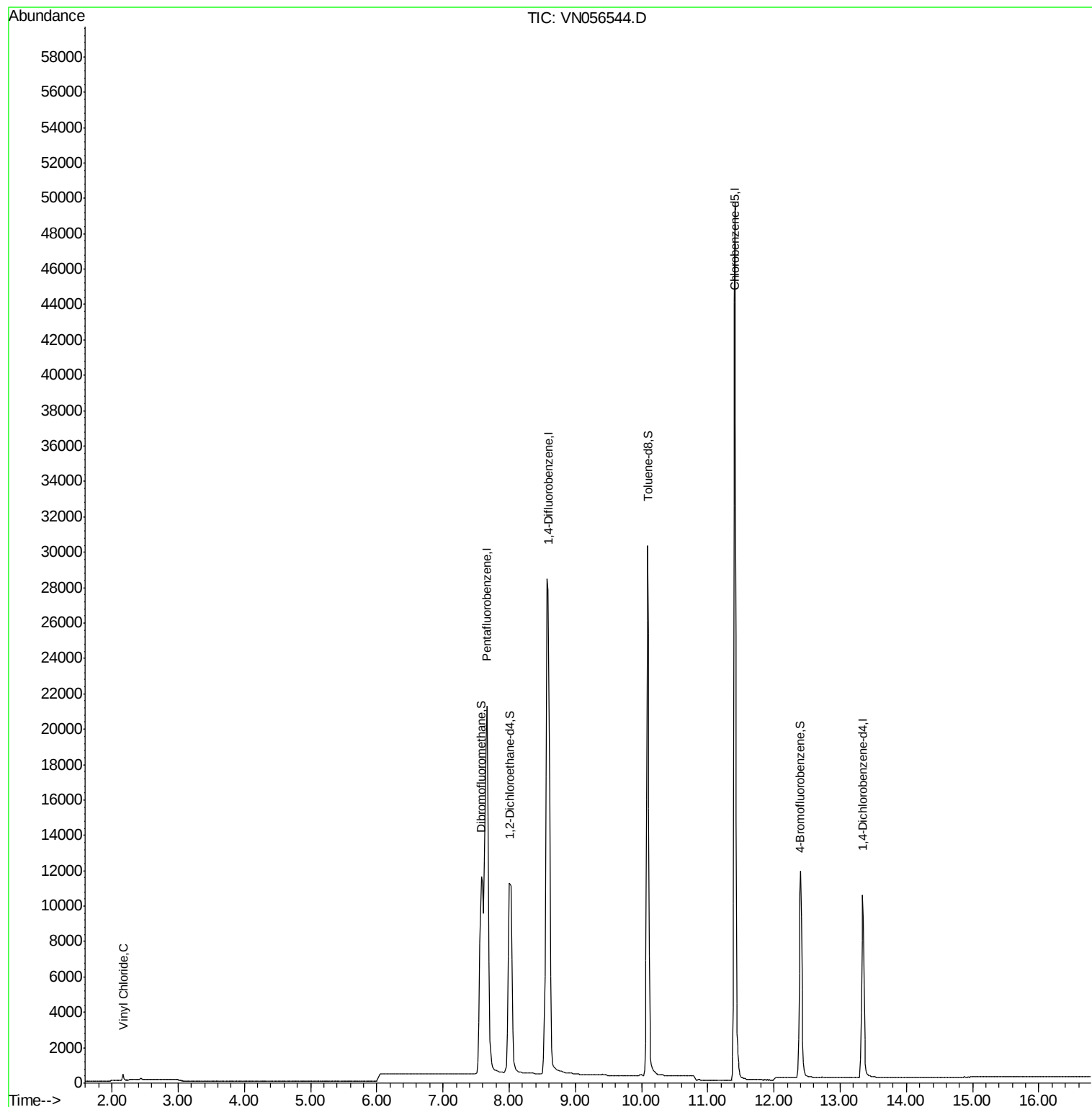
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	397	0.076	ug/l #	67

(#) = 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: VN056544.D

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Instrument :

MSVOA_N

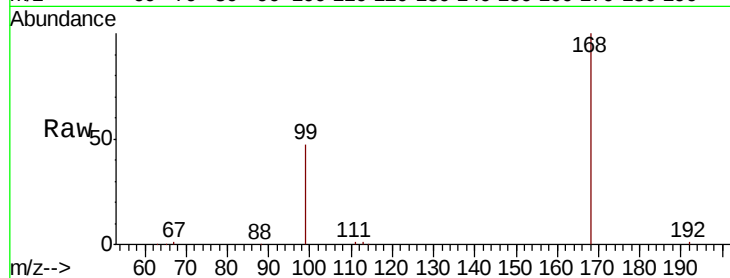
ClientSampleId :

Tot Ion:168 Resp: 52455

Ion Ratio Lower Upper

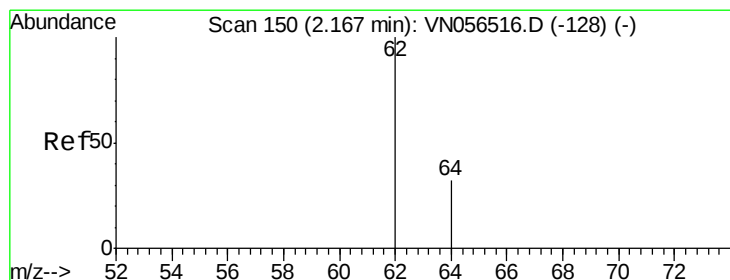
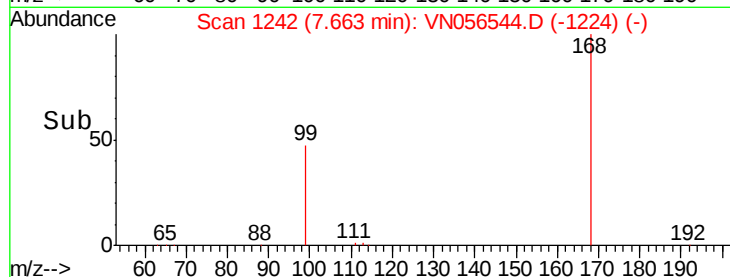
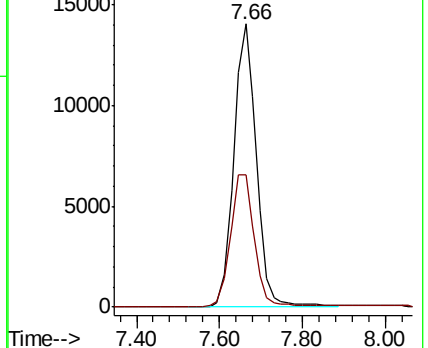
168 100

99 46.8 41.9 62.9



Abundance Ion 168.00 (167.70 to 168.70): VN056516.D (-1233) (-)

Ion 99.00 (98.70 to 99.70): VN056516.D (-1233) (-)



#2

Vinyl Chloride

Concen: 0.076 ug/l

RT: 2.16 min Scan# 149

Delta R.T. -0.00 min

Lab File: VN056544.D

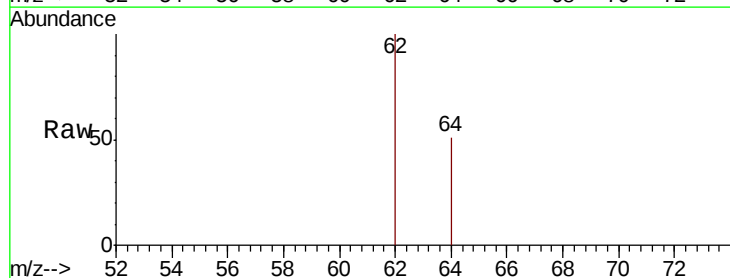
Acq: 28 Jun 2019 10:34

Tgt Ion: 62 Resp: 397

Ion Ratio Lower Upper

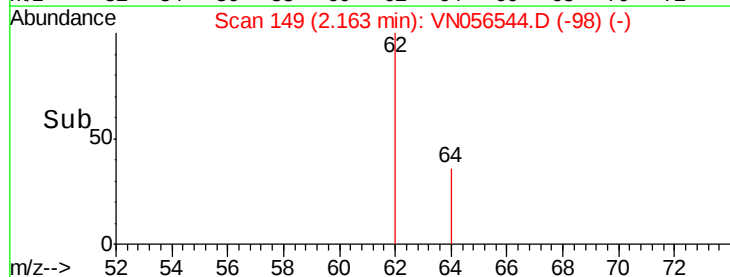
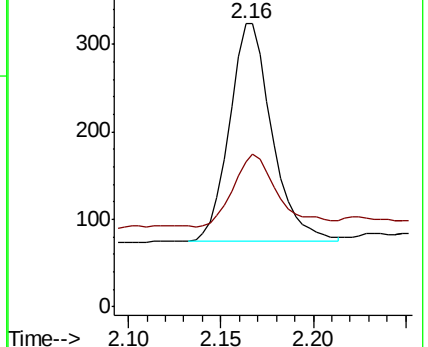
62 100

64 51.4 26.1 39.1#



Abundance Ion 62.00 (61.70 to 62.70): VN056516.D (-128) (-)

Ion 64.00 (63.70 to 64.70): VN056516.D (-128) (-)

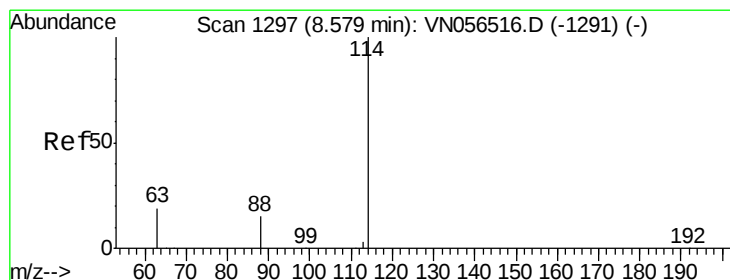
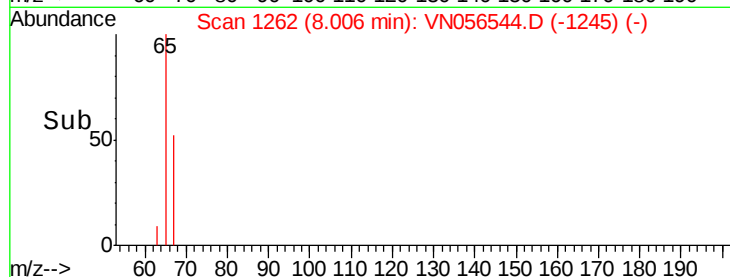
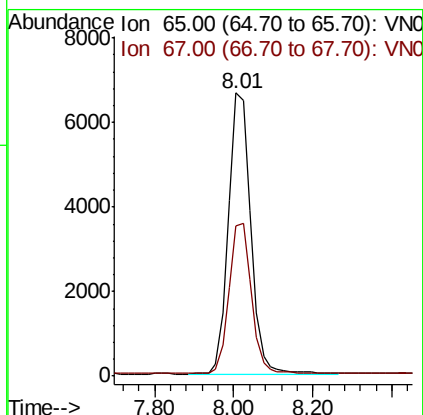
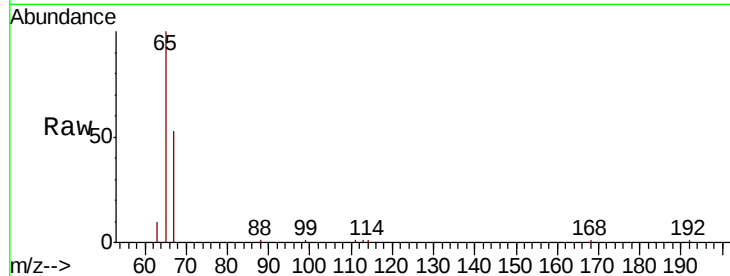




#3
 1,2-Dichloroethane-d4
 Concen: 4.033 ug/l
 RT: 8.01 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: VN056544.D
 Acq: 28 Jun 2019 10:34

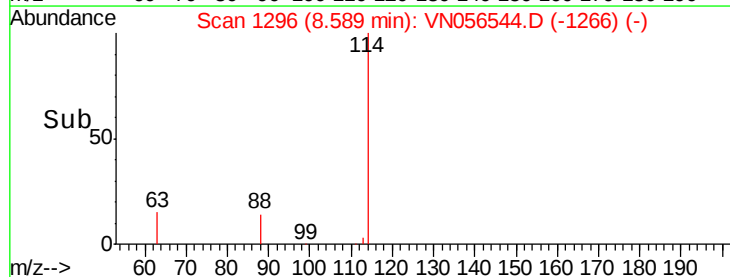
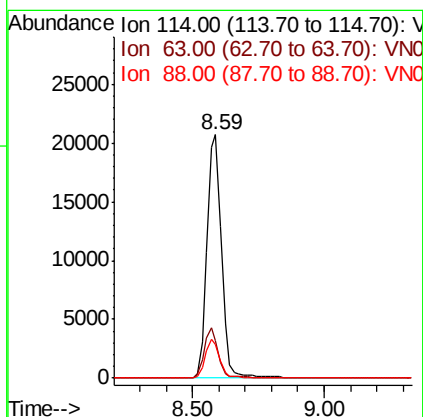
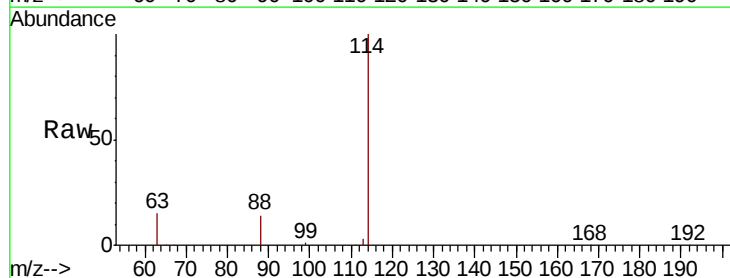
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 65 Resp: 25912
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.8



#4
 1,4-Difluorobenzene
 Concen: 5.000 ug/l
 RT: 8.59 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: VN056544.D
 Acq: 28 Jun 2019 10:34

Tgt Ion: 114 Resp: 89261
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 37.6
 88 13.8 0.0 31.2





#5

Dibromofluoromethane

Concen: 3.931 ug/l

RT: 7.58 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VN056544.D

Acq: 28 Jun 2019 10:34

Instrument :

MSVOA_N

ClientSampleId :

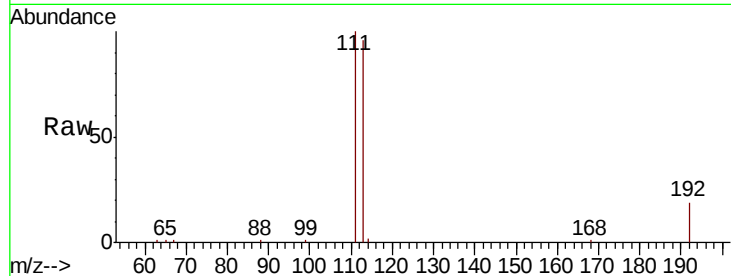
Tot Ion:113 Resp: 19345

Ion Ratio Lower Upper

113 100

111 104.2 81.7 122.5

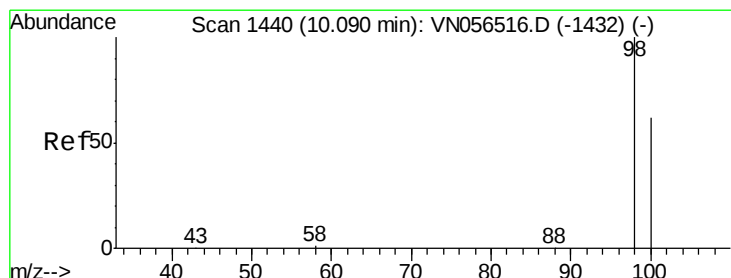
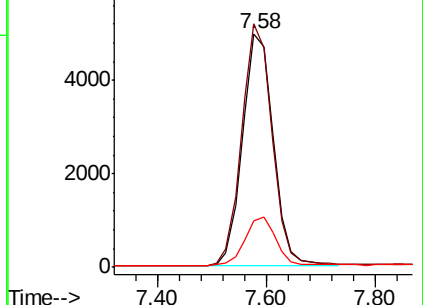
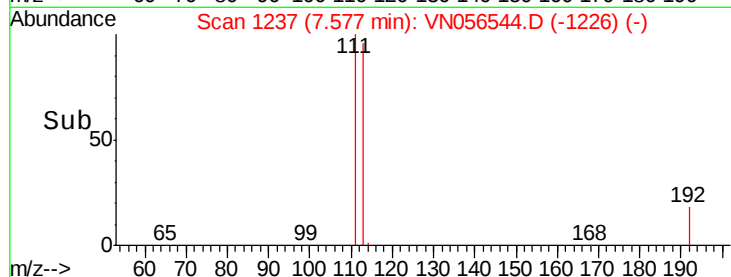
192 20.0 16.9 25.3



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: 3.832 ug/l

RT: 10.09 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VN056544.D

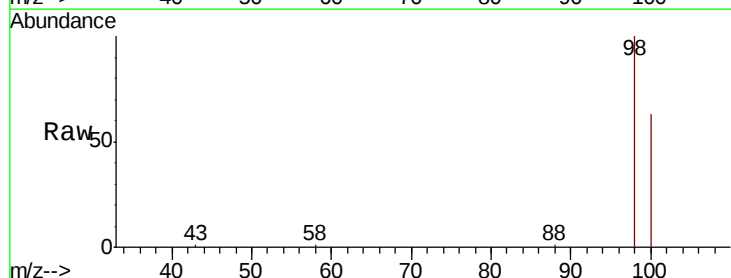
Acq: 28 Jun 2019 10:34

Tgt Ion: 98 Resp: 42667

Ion Ratio Lower Upper

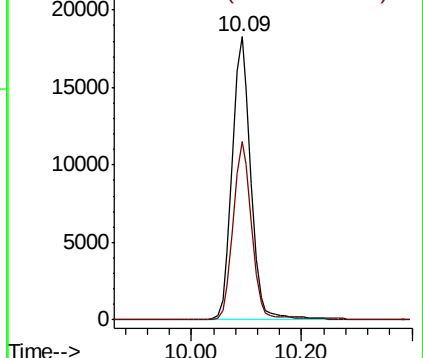
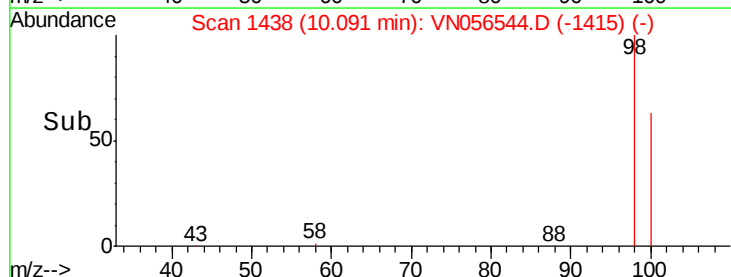
98 100

100 63.1 49.7 74.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#7

4-Bromofluorobenzene

Concen: 3.853 ug/l

RT: 12.39 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VN056544.D

Acq: 28 Jun 2019 10:34

Instrument :

MSVOA_N

ClientSampled :

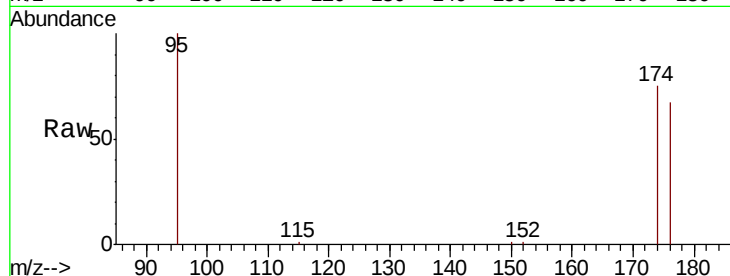
Tot Ion: 95 Resp: 10973

Ion Ratio Lower Upper

95 100

174 75.2 0.0 167.8

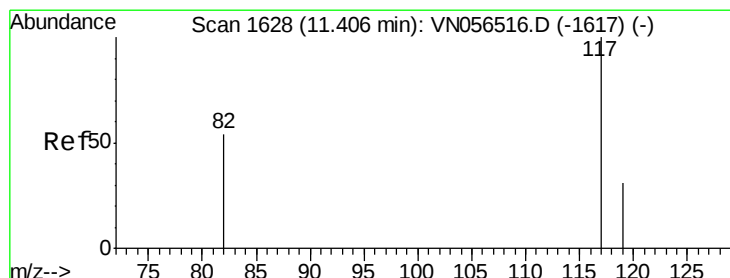
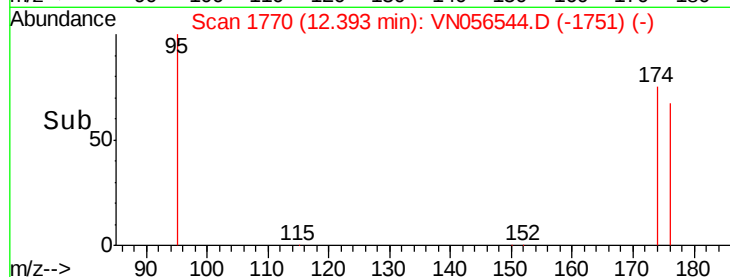
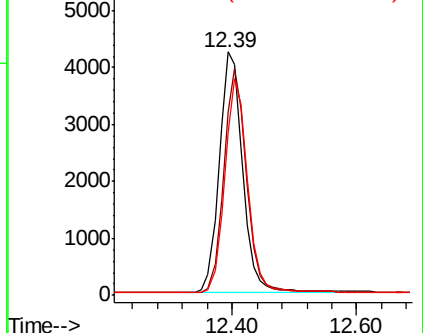
176 67.1 0.0 158.0



Abundance Ion 95.00 (94.70 to 95.70): VN056516.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN056516.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN056516.D (-1763) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VN056544.D

Acq: 28 Jun 2019 10:34

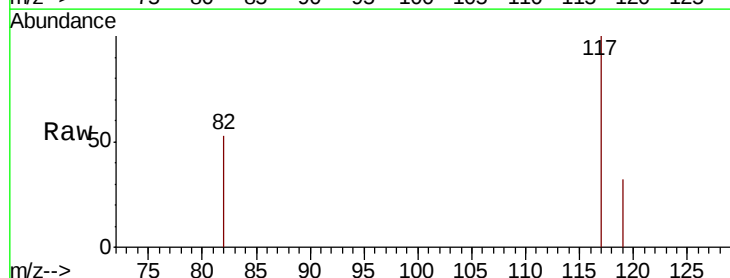
Tgt Ion: 117 Resp: 54068

Ion Ratio Lower Upper

117 100

82 53.0 43.0 64.4

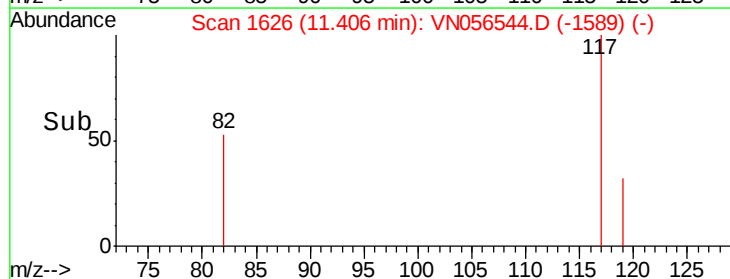
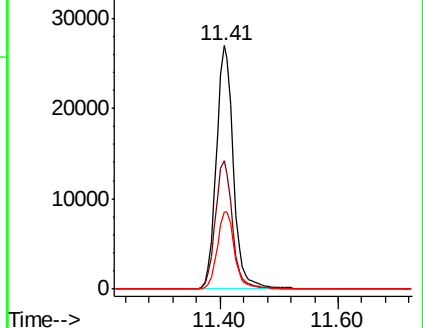
119 31.7 24.7 37.1

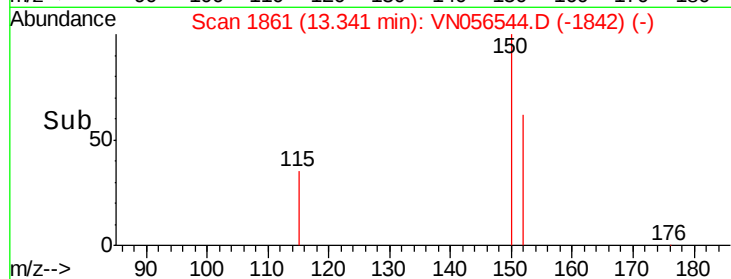
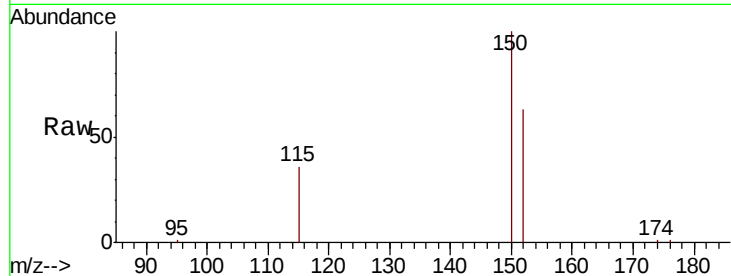


Abundance Ion 117.00 (116.70 to 117.70): VN056516.D (-1617) (-)

Ion 82.00 (81.70 to 82.70): VN056516.D (-1617) (-)

Ion 119.00 (118.70 to 119.70): VN056516.D (-1617) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.34 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VN056544.D

Acq: 28 Jun 2019 10:34

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:152 Resp: 8327

Ion Ratio Lower Upper

152 100

115 56.9 27.0 80.8

150 159.7 0.0 306.6

