

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072919\
 Data File : VN056960.D
 Acq On : 29 Jul 2019 18:38
 Operator : JC/SP
 Sample : VSSTDICCC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICCC005

Quant Time: Jul 30 01:49:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072919SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 01:43:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	36855	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.57	114	50901	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.40	117	34543	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	5105	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	21723	5.06	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	101.20%
5) Dibromofluoromethane	7.57	113	18122	5.87	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	117.40%
6) Toluene-d8	10.08	98	36974	5.87	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	117.40%#
7) 4-Bromofluorobenzene	12.39	95	8518	5.37	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	107.40%

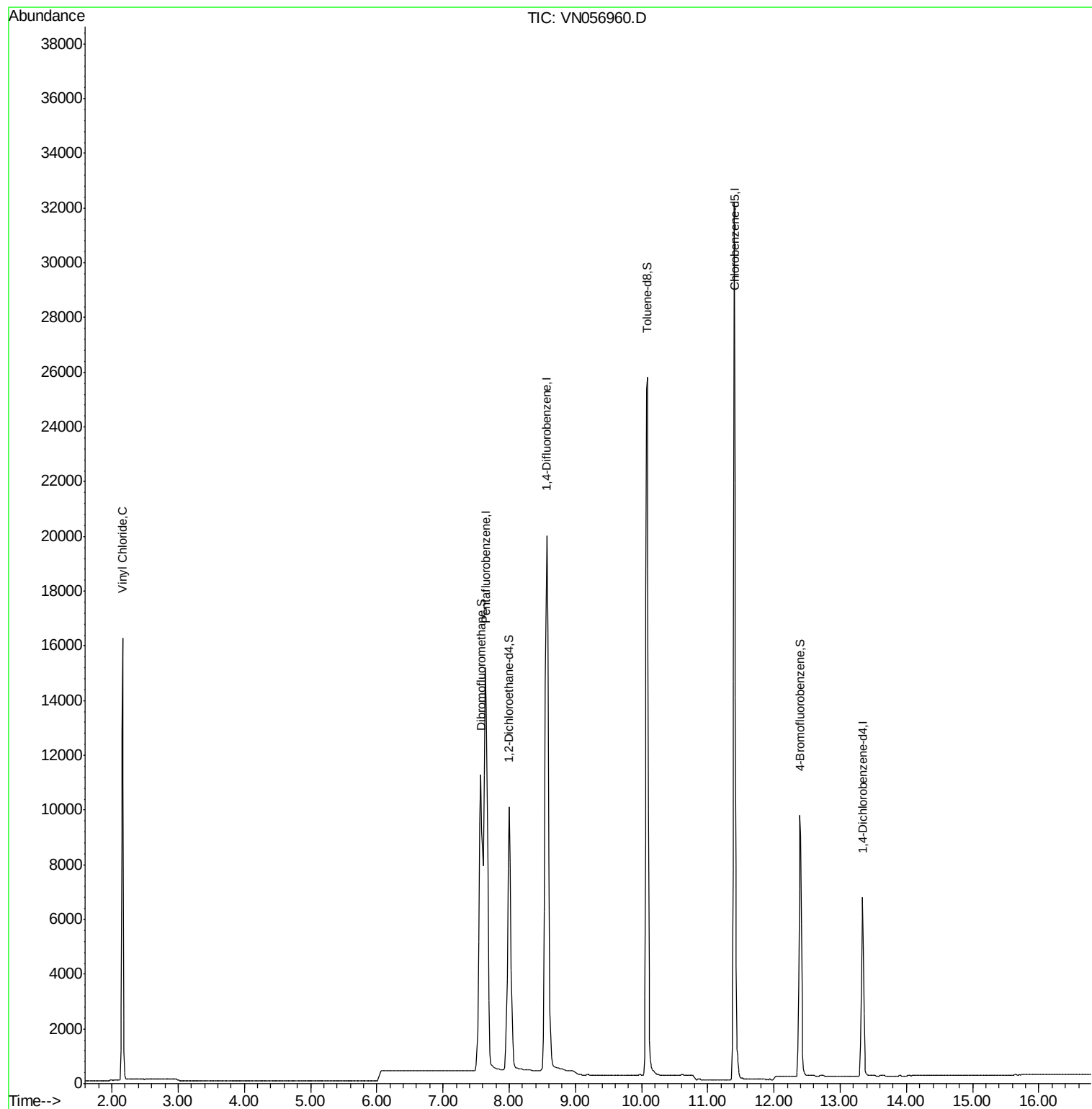
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	18099	5.584	ug/l	100

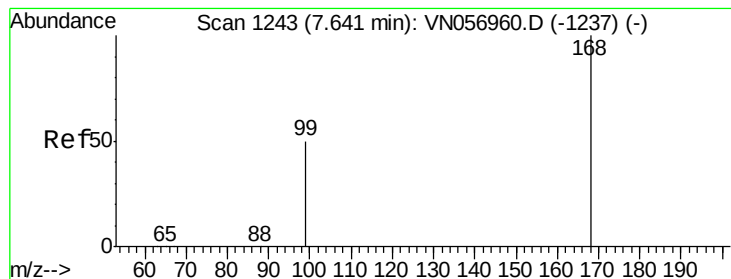
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.64 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN056960.D

Acq: 29 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

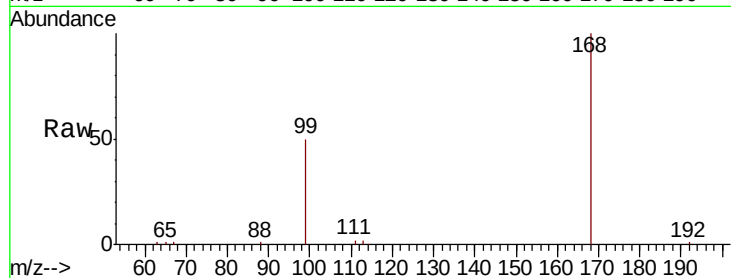
VSSTDICCC005

Tot Ion:168 Resp: 36855

Ion Ratio Lower Upper

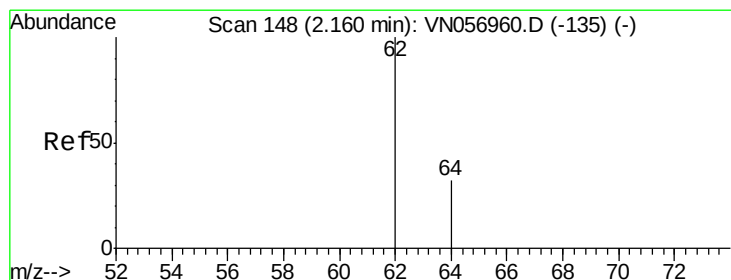
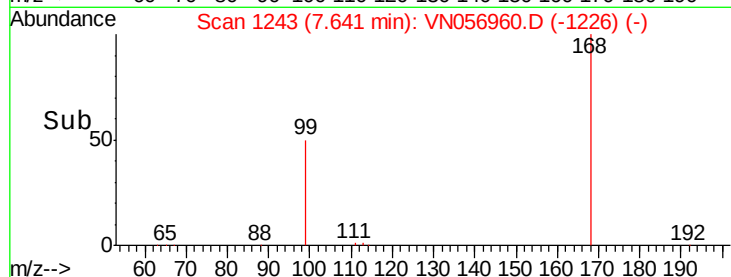
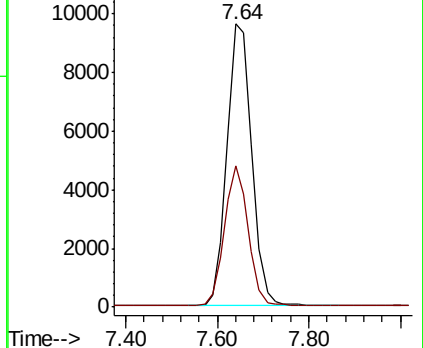
168 100

99 50.0 40.0 60.0



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#2

Vinyl Chloride

Concen: 5.584 ug/l

RT: 2.16 min Scan# 148

Delta R.T. 0.00 min

Lab File: VN056960.D

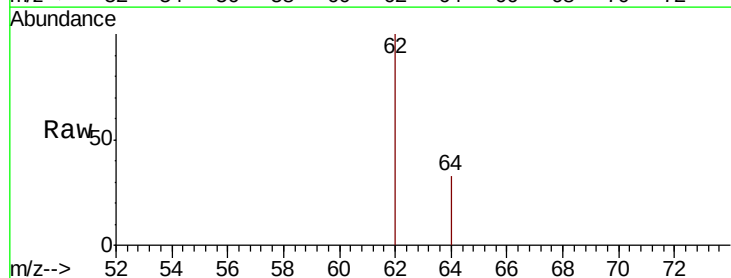
Acq: 29 Jul 2019 18:38

Tgt Ion: 62 Resp: 18099

Ion Ratio Lower Upper

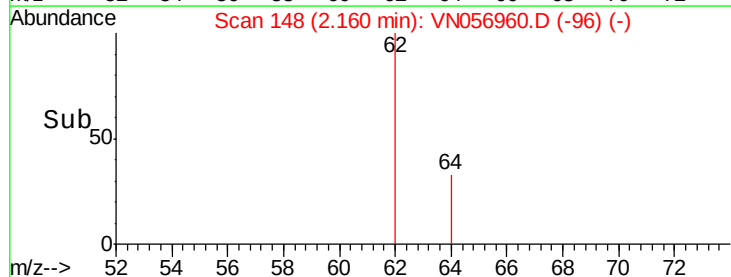
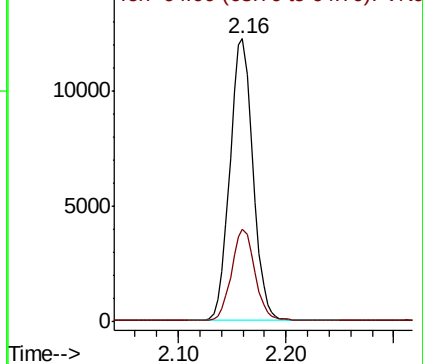
62 100

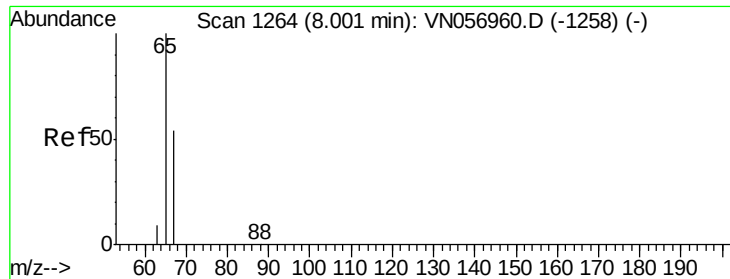
64 33.0 26.4 39.6



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN





#3

1,2-Dichloroethane-d4

Concen: 5.064 ug/l

RT: 8.00 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056960.D

Acq: 29 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

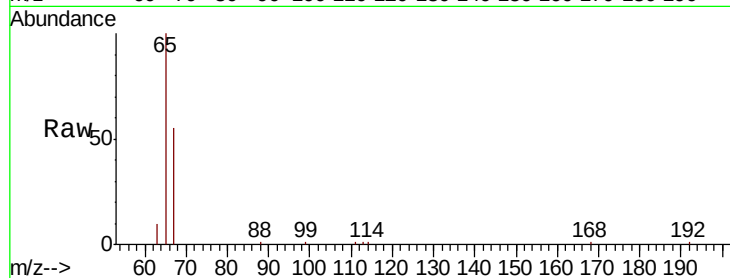
VSSTDICCC005

Tot Ion: 65 Resp: 21723

Ion Ratio Lower Upper

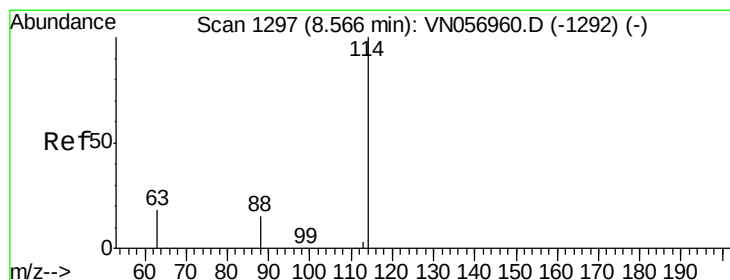
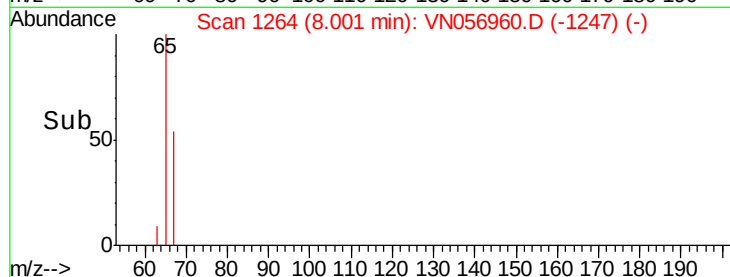
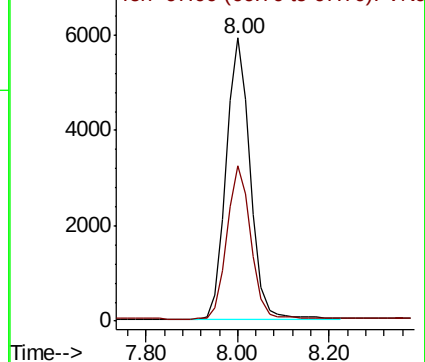
65 100

67 54.8 0.0 109.6



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.57 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056960.D

Acq: 29 Jul 2019 18:38

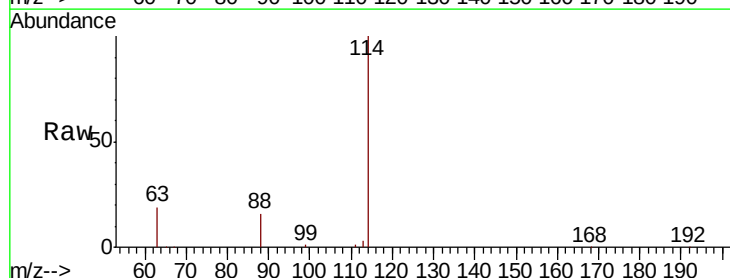
Tgt Ion: 114 Resp: 50901

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

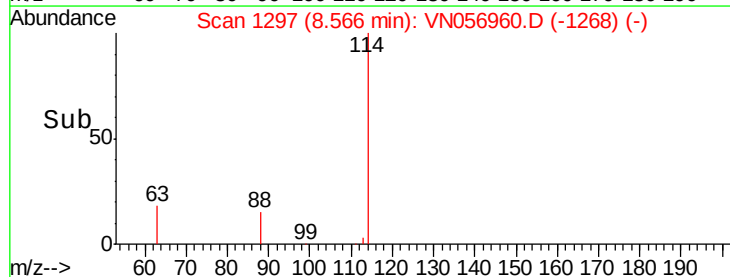
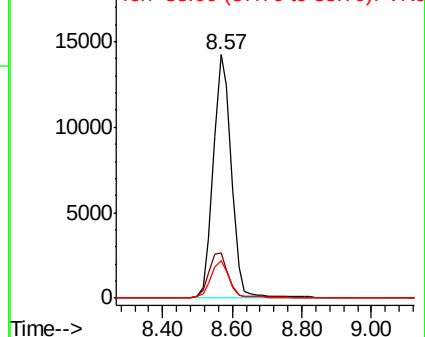
88 15.5 0.0 31.0

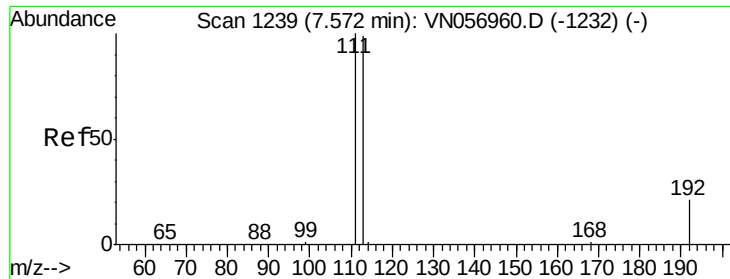


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





#5

Dibromofluoromethane

Concen: 5.872 ug/l

RT: 7.57 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056960.D

Acq: 29 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICCC005

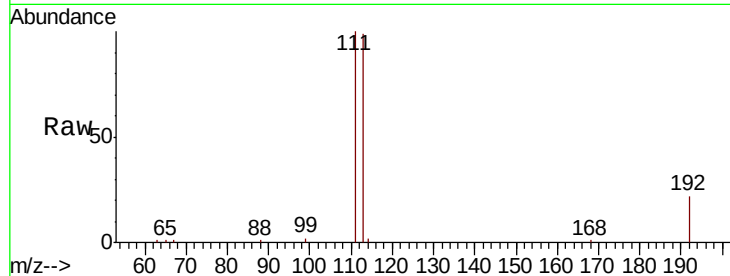
Tot Ion:113 Resp: 18122

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

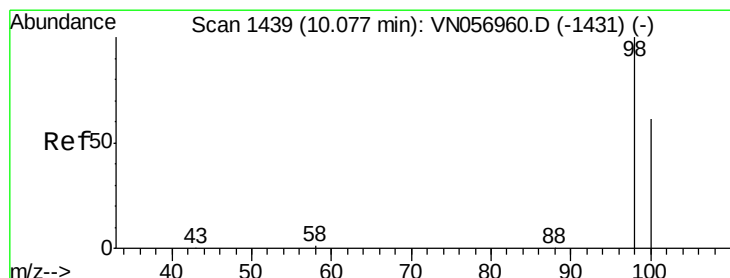
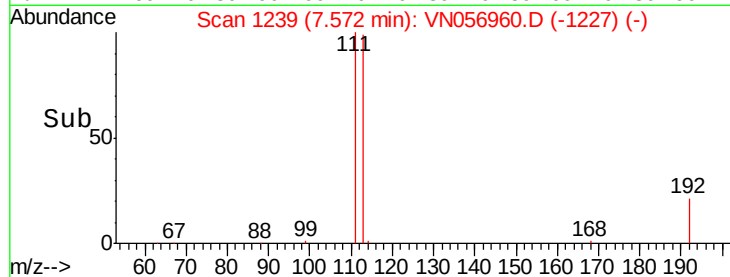
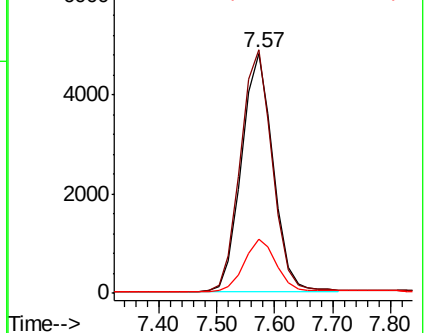
192 22.4 17.9 26.9



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: 5.873 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN056960.D

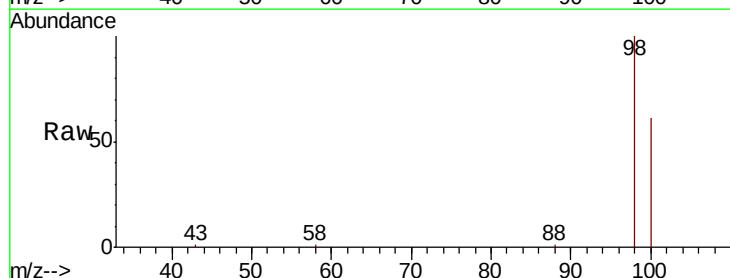
Acq: 29 Jul 2019 18:38

Tgt Ion: 98 Resp: 36974

Ion Ratio Lower Upper

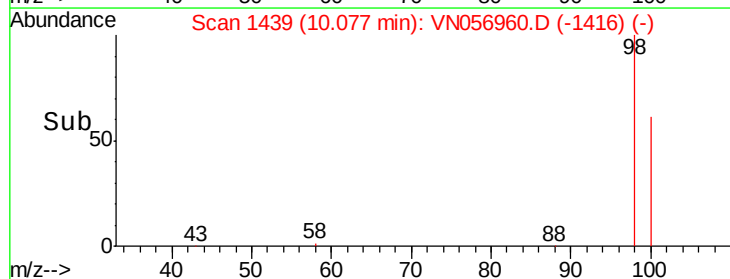
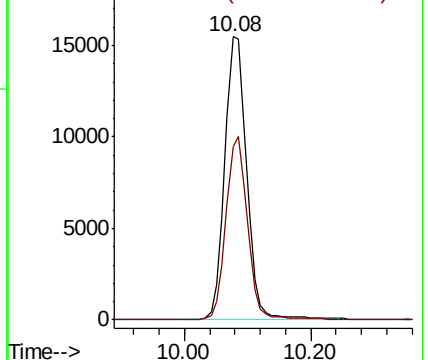
98 100

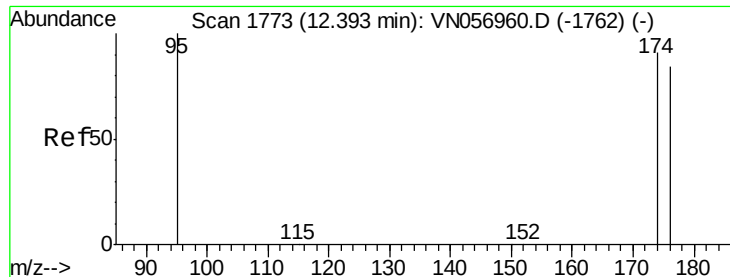
100 61.2 49.0 73.4



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 5.372 ug/l

RT: 12.39 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056960.D

Acq: 29 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICCC005

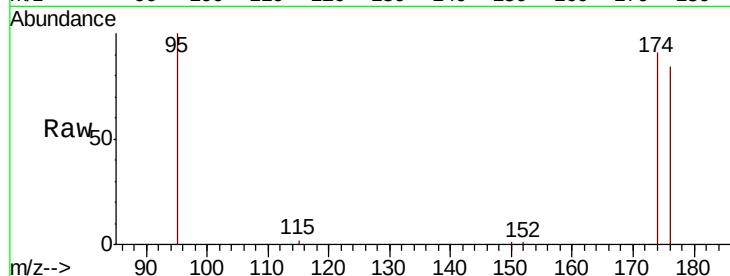
Tot Ion: 95 Resp: 8518

Ion Ratio Lower Upper

95 100

174 90.7 0.0 181.4

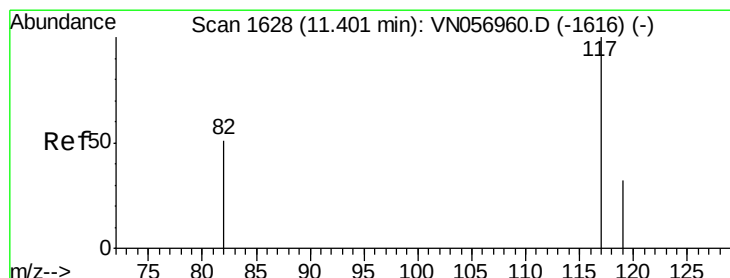
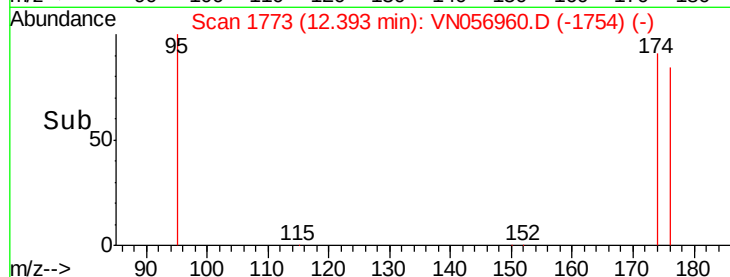
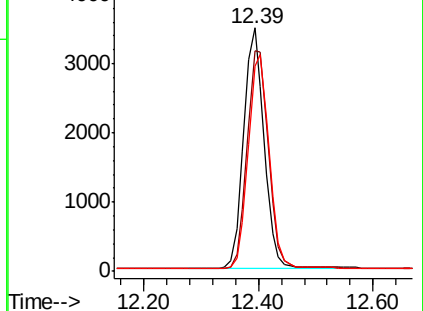
176 84.1 0.0 168.2



Abundance Ion 95.00 (94.70 to 95.70): VN056960.D (-1762) (-)

Ion 174.00 (173.70 to 174.70): VN056960.D (-1762) (-)

Ion 176.00 (175.70 to 176.70): VN056960.D (-1762) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.40 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056960.D

Acq: 29 Jul 2019 18:38

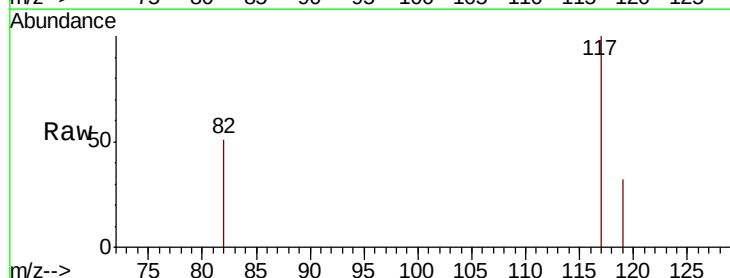
Tgt Ion: 117 Resp: 34543

Ion Ratio Lower Upper

117 100

82 50.9 40.7 61.1

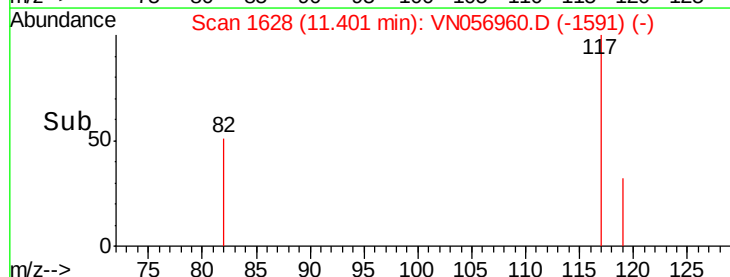
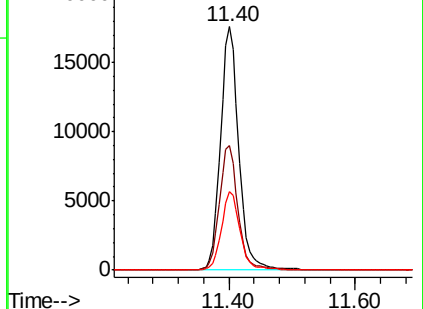
119 32.0 25.6 38.4

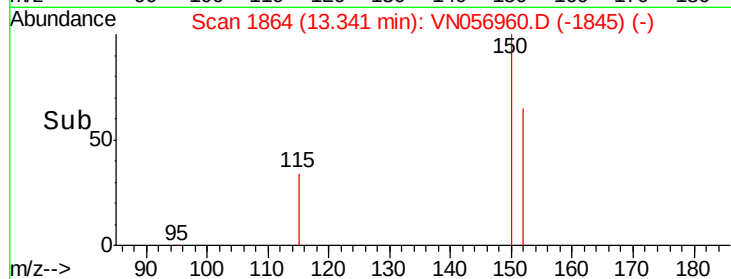
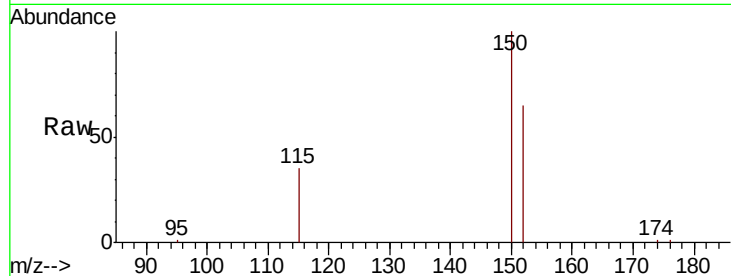
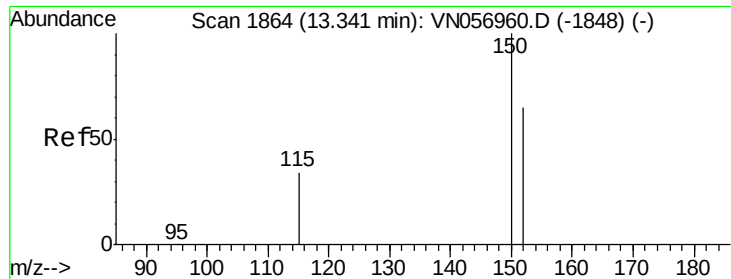


Abundance Ion 117.00 (116.70 to 117.70): VN056960.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN056960.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN056960.D (-1616) (-)





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.34 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056960.D

Acq: 29 Jul 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICCC005

Tot Ion:152 Resp: 5105

Ion Ratio Lower Upper

152 100

115 53.9 27.0 80.8

150 153.4 0.0 306.8

