

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072919\
 Data File : VN056959.D
 Acq On : 29 Jul 2019 18:15
 Operator : JC/SP
 Sample : VSSTDICC002
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC002

Quant Time: Jul 30 01:48:57 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	7.65	168	38789	5.00	ug/l	0.01
4) 1,4-Difluorobenzene	8.58	114	62956	5.00	ug/l	0.01
8) Chlorobenzene-d5	11.40	117	35892	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.33	152	5191	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.00	65	9193	2.04	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	40.80%#
5) Dibromofluoromethane	7.57	113	7721	2.02	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	40.40%#
6) Toluene-d8	10.08	98	15733	2.02	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	40.40%#
7) 4-Bromofluorobenzene	12.39	95	3550	1.81	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	36.20%#

Target Compounds

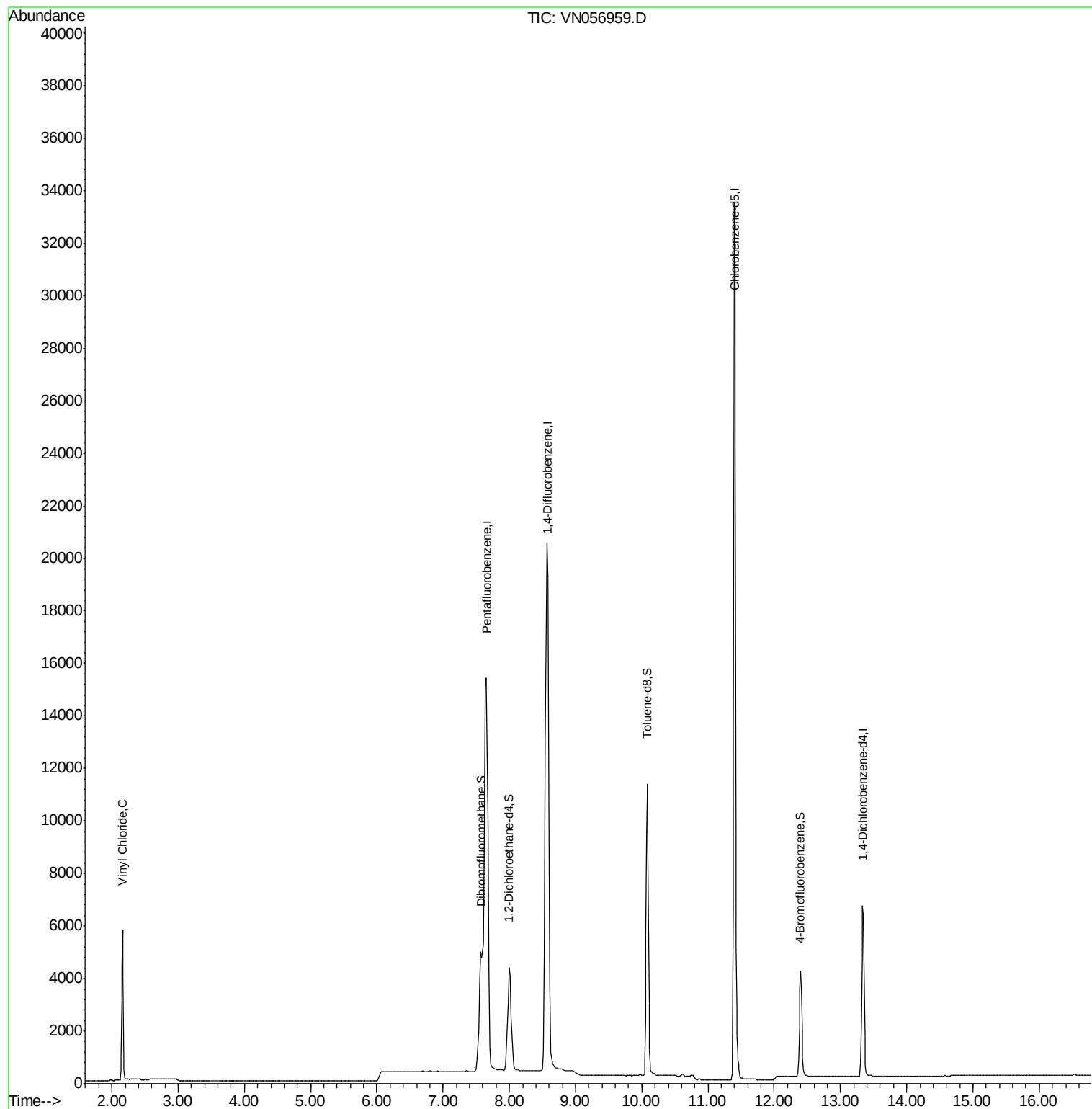
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.16	62	6403	1.877	ug/l	98

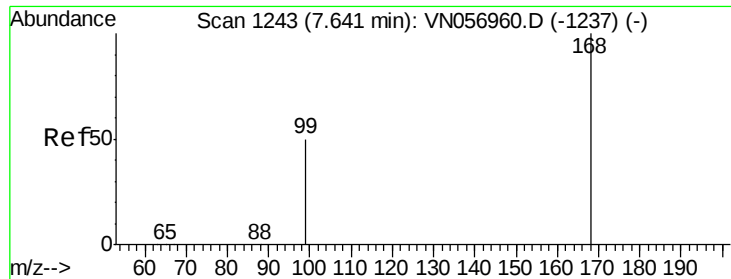
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056959.D

Acq: 29 Jul 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

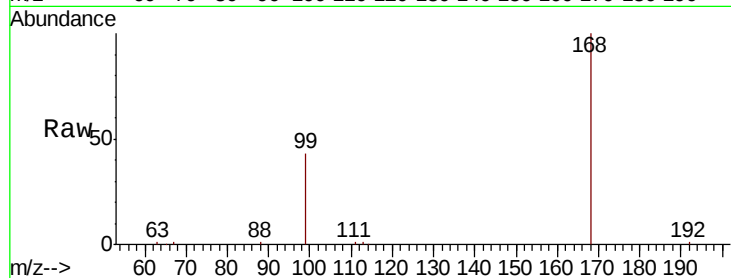
VSSTDICC002

Tot Ion:168 Resp: 38789

Ion Ratio Lower Upper

168 100

99 43.1 40.0 60.0



Abundance Ion 168.00 (167.70 to 168.70): VN056959.D (-1225) (-)

Ion 99.00 (98.70 to 99.70): VN056959.D (-1225) (-)

7.65

12000

10000

8000

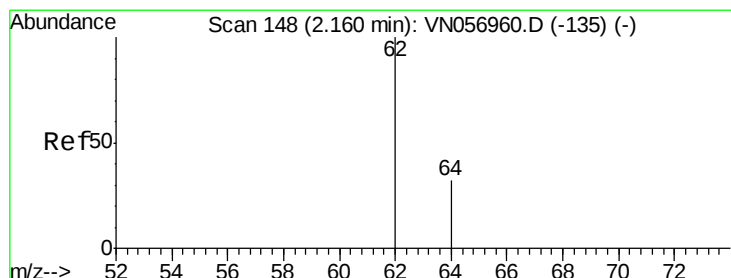
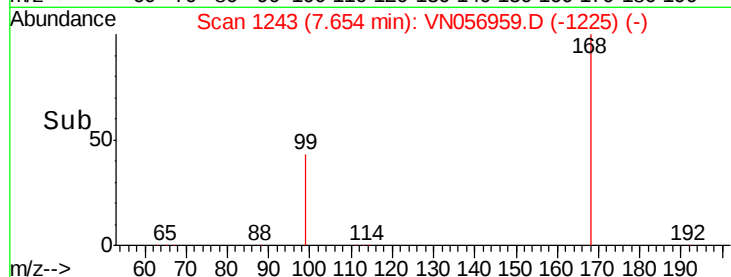
6000

4000

2000

0

Time-->



#2

Vinyl Chloride

Concen: 1.877 ug/l

RT: 2.16 min Scan# 148

Delta R.T. -0.00 min

Lab File: VN056959.D

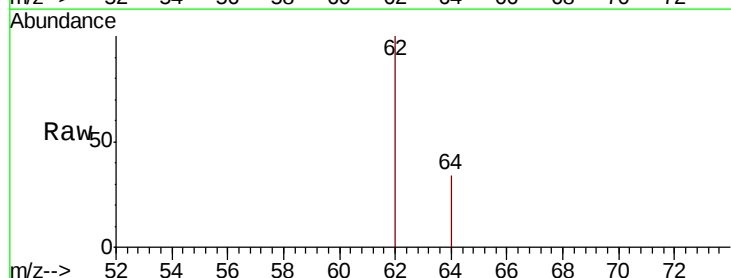
Acq: 29 Jul 2019 18:15

Tgt Ion: 62 Resp: 6403

Ion Ratio Lower Upper

62 100

64 33.9 26.4 39.6



Abundance Ion 62.00 (61.70 to 62.70): VN056959.D (-96) (-)

Ion 64.00 (63.70 to 64.70): VN056959.D (-96) (-)

2.16

5000

4000

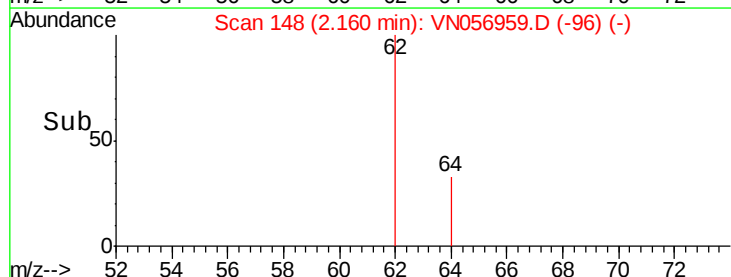
3000

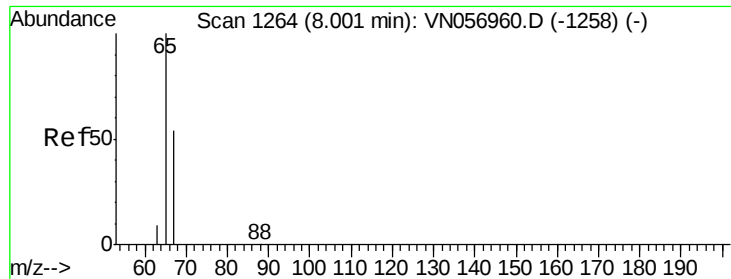
2000

1000

0

Time-->





#3

1,2-Dichloroethane-d4

Concen: 2.036 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN056959.D

Acq: 29 Jul 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

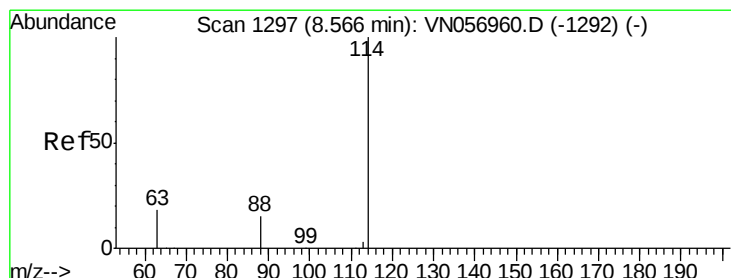
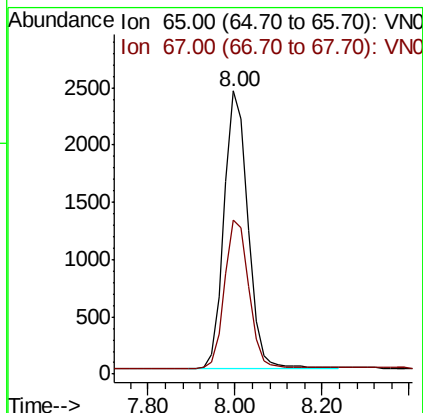
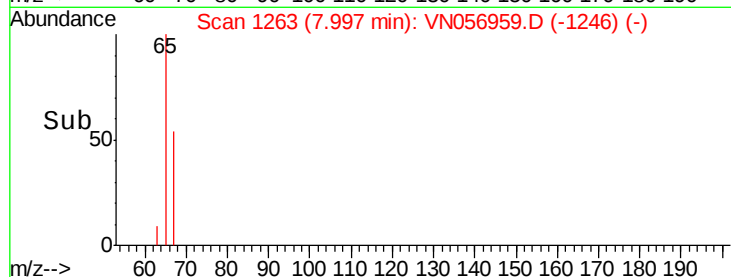
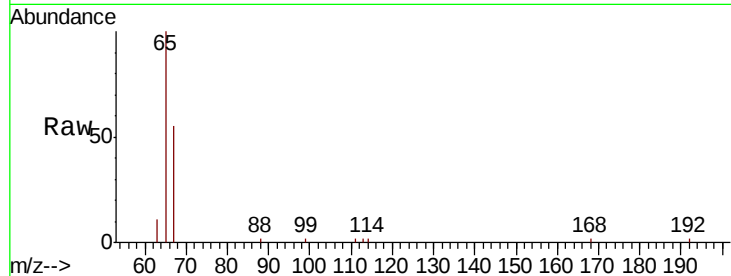
VSSTDICC002

Tot Ion: 65 Resp: 9193

Ion Ratio Lower Upper

65 100

67 54.6 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: VN056959.D

Acq: 29 Jul 2019 18:15

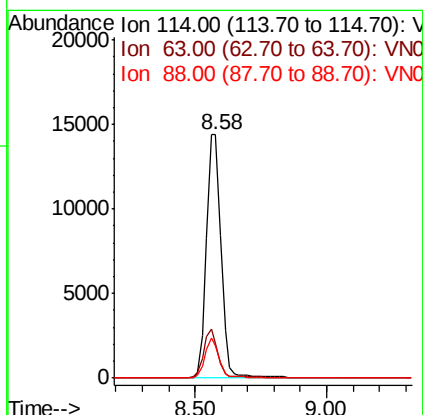
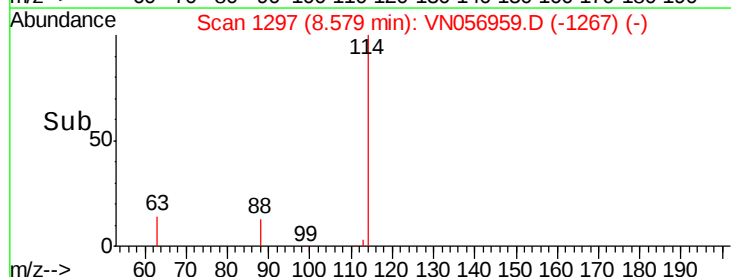
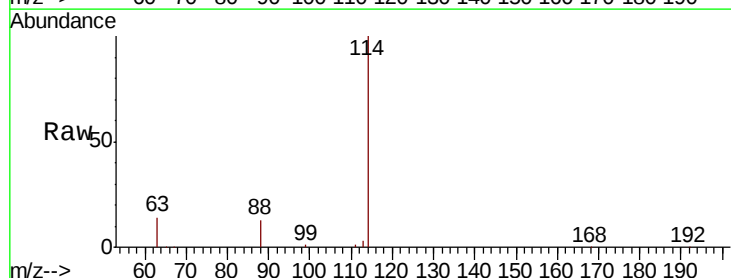
Tgt Ion: 114 Resp: 62956

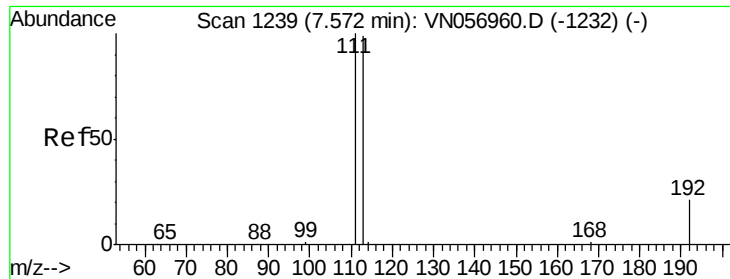
Ion Ratio Lower Upper

114 100

63 14.1 0.0 37.6

88 13.3 0.0 31.0





#5

Dibromofluoromethane

Concen: 2.023 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VN056959.D

Acq: 29 Jul 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC002

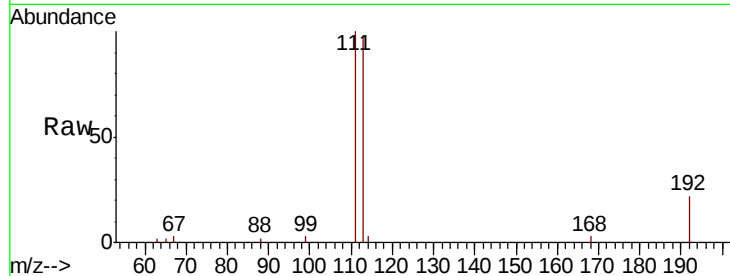
Tot Ion: 113 Resp: 7721

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

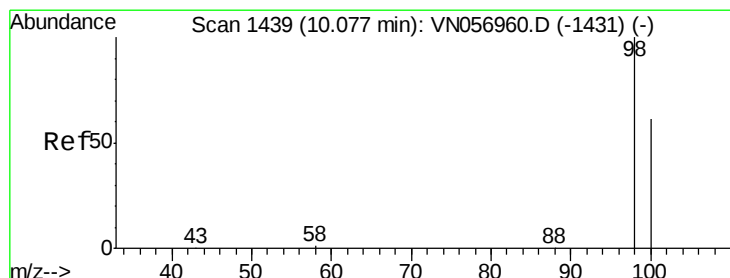
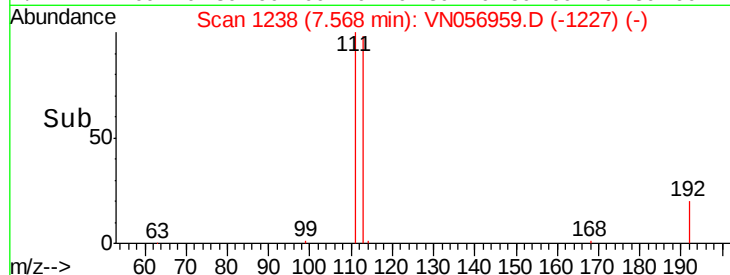
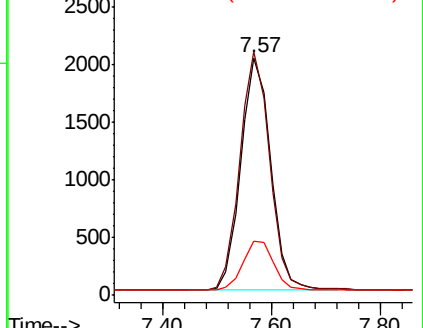
192 22.6 17.9 26.9



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: 2.021 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN056959.D

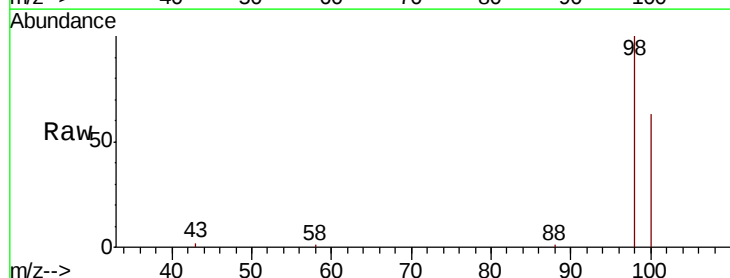
Acq: 29 Jul 2019 18:15

Tgt Ion: 98 Resp: 15733

Ion Ratio Lower Upper

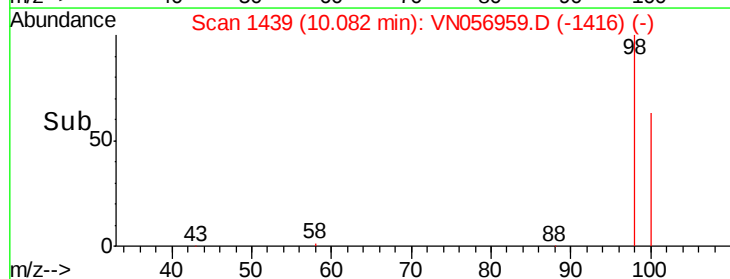
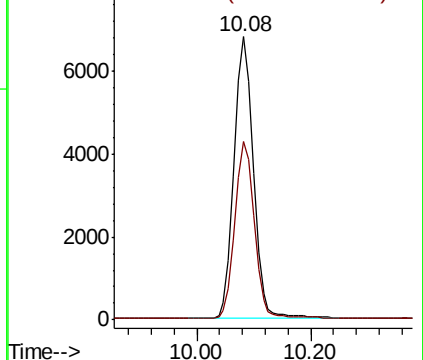
98 100

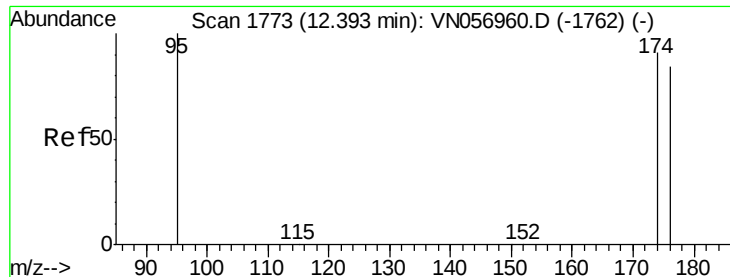
100 63.0 49.0 73.4



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 1.810 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056959.D

Acq: 29 Jul 2019 18:15

Instrument :

MSVOA_N

ClientSampleId :

VSSTDICC002

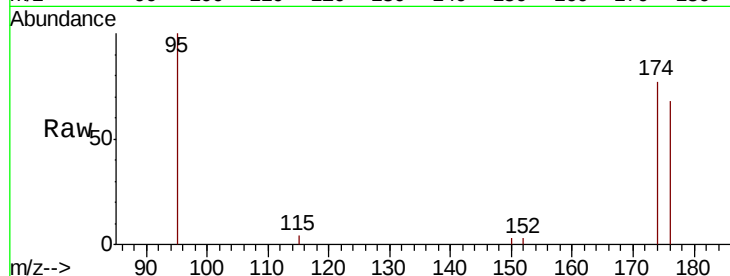
Tot Ion: 95 Resp: 3550

Ion Ratio Lower Upper

95 100

174 76.8 0.0 181.4

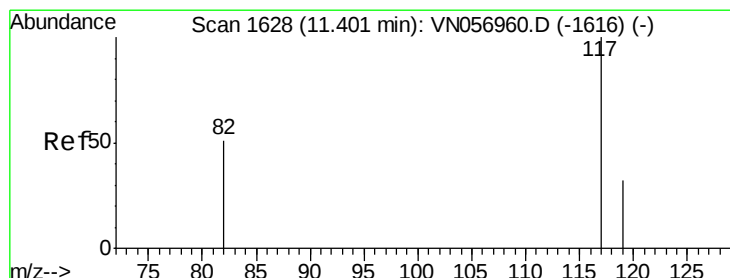
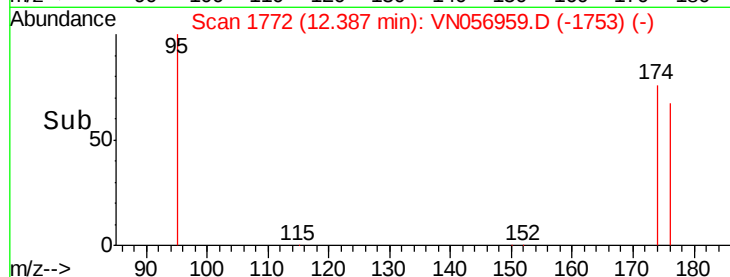
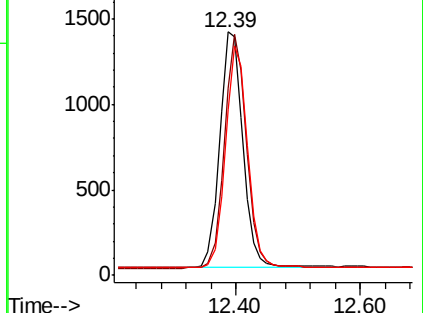
176 68.0 0.0 168.2



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# 1627

Delta R.T. -0.00 min

Lab File: VN056959.D

Acq: 29 Jul 2019 18:15

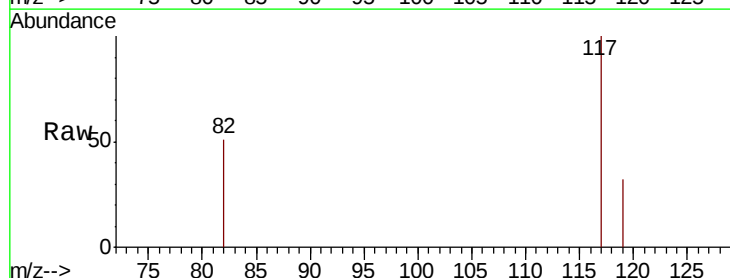
Tgt Ion: 117 Resp: 35892

Ion Ratio Lower Upper

117 100

82 51.4 40.7 61.1

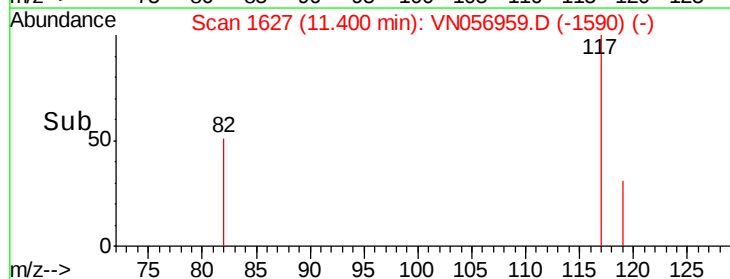
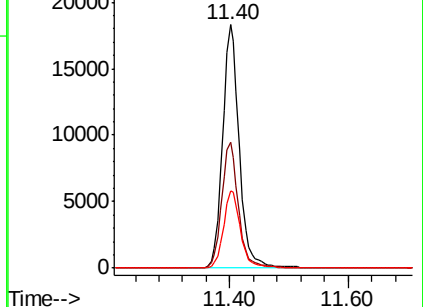
119 31.6 25.6 38.4

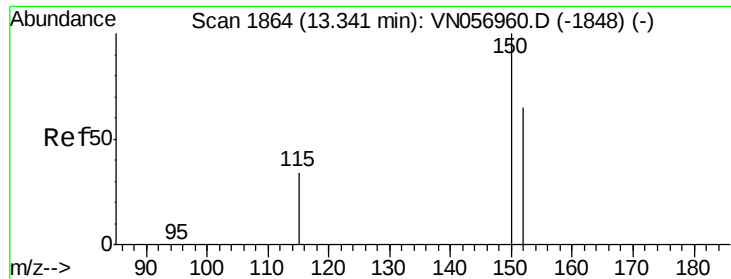


Abundance Ion 117.00 (116.70 to 117.70): VN056960.D (-1616) (-)

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

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



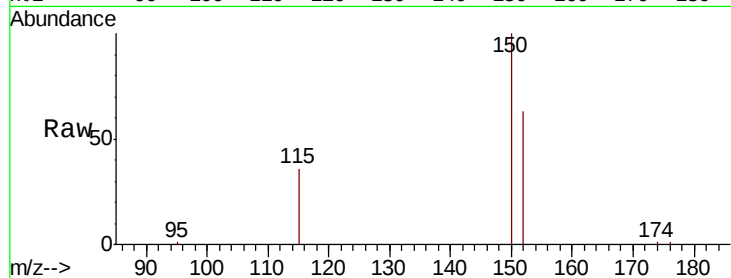


#9

1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.33 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VN056959.D
 Acq: 29 Jul 2019 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSSTDICC002

Tot Ion:152 Resp: 5191
 Ion Ratio Lower Upper
 152 100
 115 56.9 27.0 80.8
 150 159.0 0.0 306.8



Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V

