

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073019\
 Data File : VN056985.D
 Acq On : 30 Jul 2019 18:40
 Operator : JC/SP
 Sample : K4017-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU19-MSW0115

Quant Time: Jul 31 04:16:45 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	36773	5.00	ug/l	0.01
4) 1,4-Difluorobenzene	8.58	114	58797	5.00	ug/l	0.01
8) Chlorobenzene-d5	11.40	117	34596	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	5004	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	20765	4.56	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	91.20%
5) Dibromofluoromethane	7.57	113	17425	4.36	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	87.20%
6) Toluene-d8	10.08	98	33881	4.16	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	83.20%#
7) 4-Bromofluorobenzene	12.39	95	8060	4.24	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	84.80%#

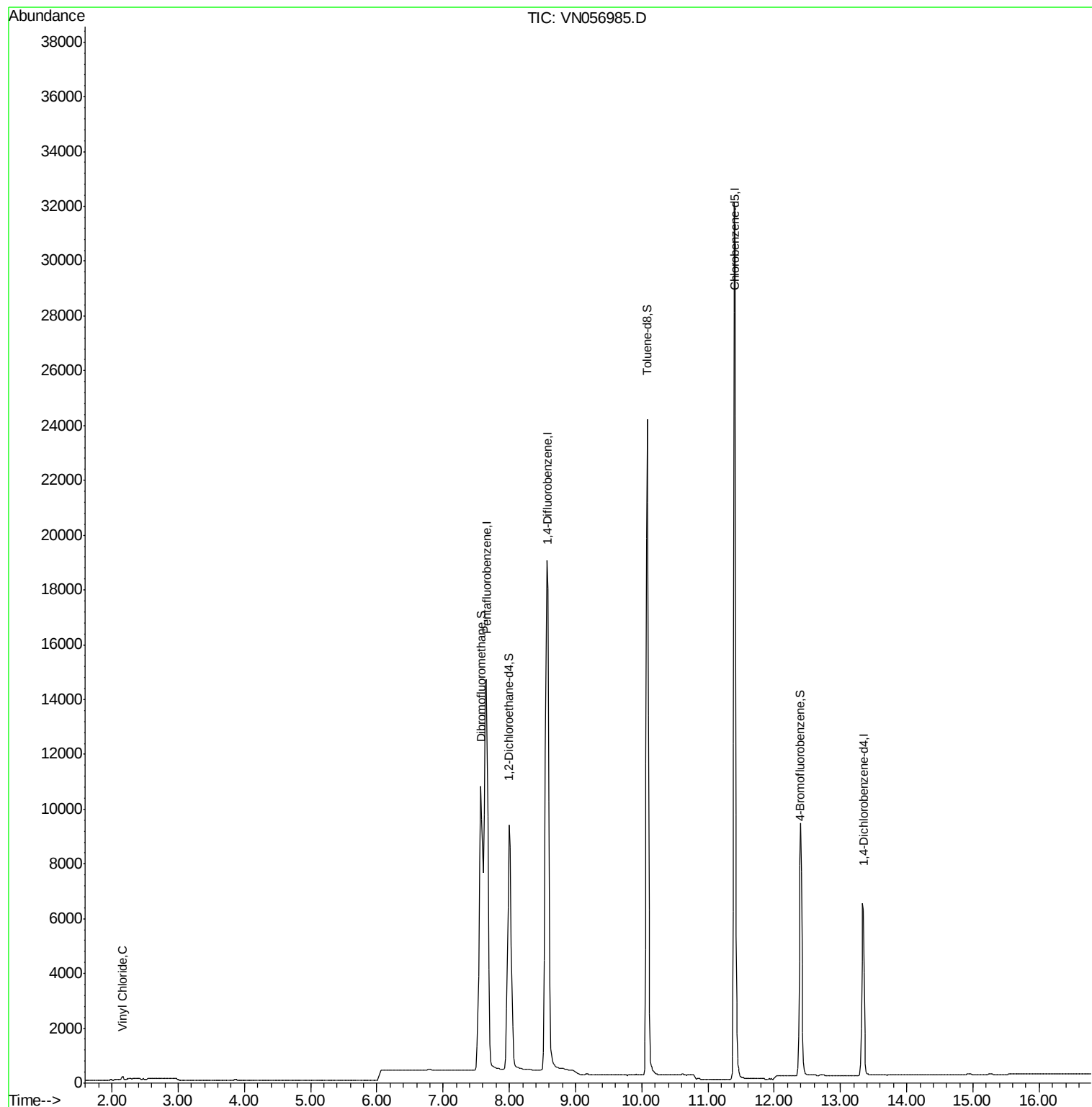
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	138	0.041 ug/l #	22

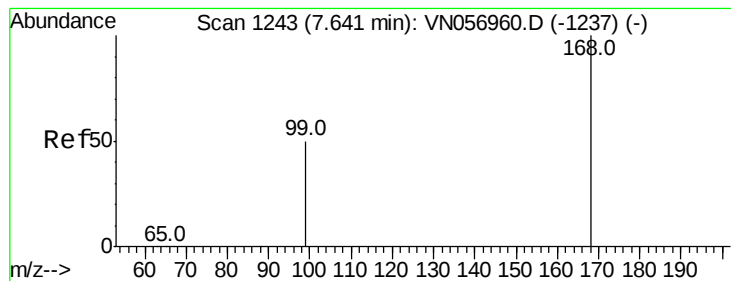
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056985.D

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Instrument :

MSVOA_N

ClientSampleId :

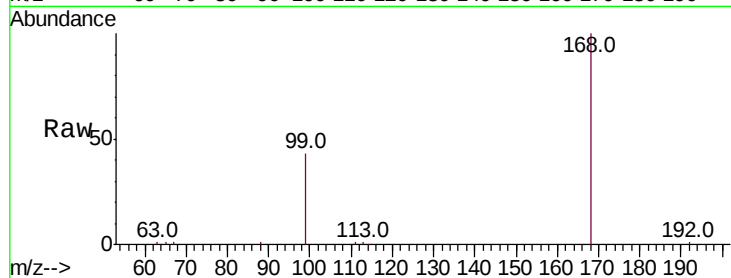
SU19-MSW0115

Tot Ion:168 Resp: 36773

Ion Ratio Lower Upper

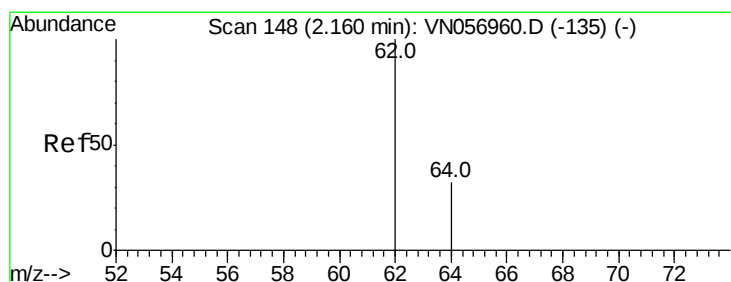
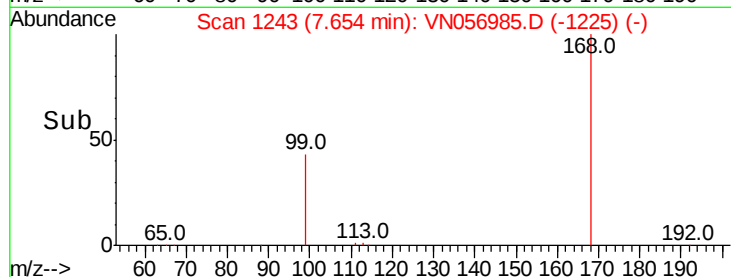
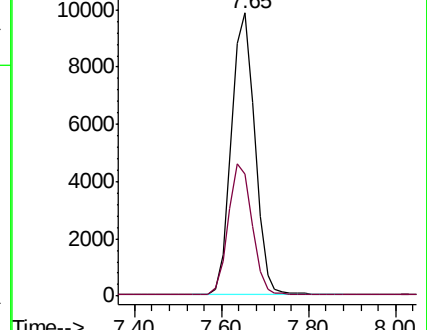
168 100

99 43.1 40.0 60.0



Abundance Ion 168.00 (167.70 to 168.70): VN056985.D (-1225) (-)

Ion 99.00 (98.70 to 99.70): VN056985.D (-1225) (-)



#2

Vinyl Chloride

Concen: 0.041 ug/l

RT: 2.16 min Scan# 148

Delta R.T. -0.00 min

Lab File: VN056985.D

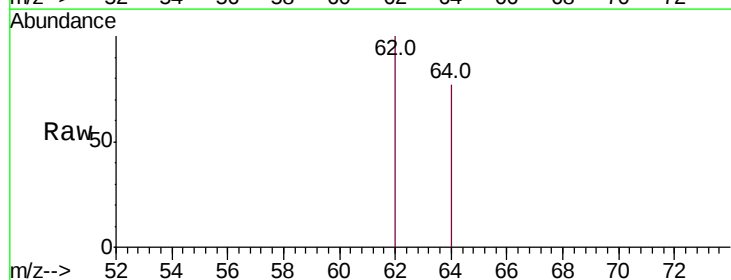
Acq: 30 Jul 2019 18:40

Tgt Ion: 62 Resp: 138

Ion Ratio Lower Upper

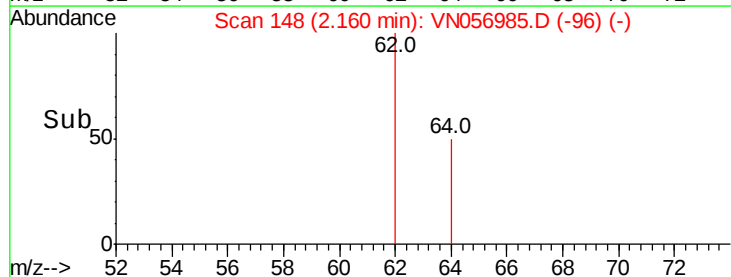
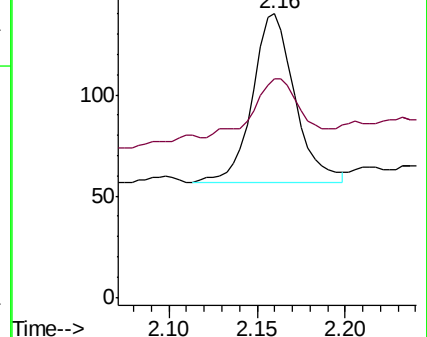
62 100

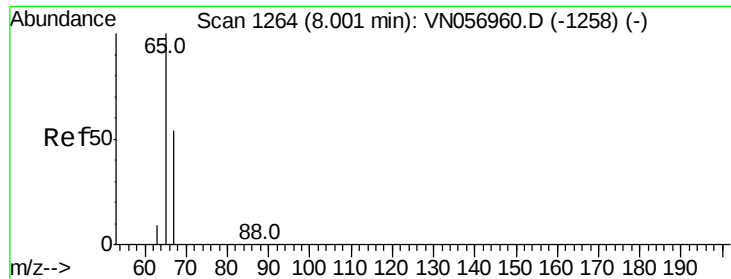
64 77.1 26.4 39.6#



Abundance Ion 62.00 (61.70 to 62.70): VN056985.D (-96) (-)

Ion 64.00 (63.70 to 64.70): VN056985.D (-96) (-)





#3

1,2-Dichloroethane-d4

Concen: 4.556 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN056985.D

Acq: 30 Jul 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

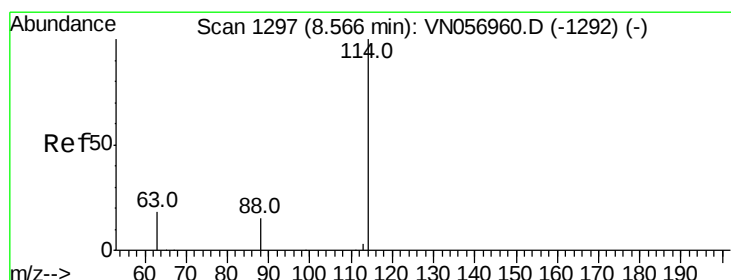
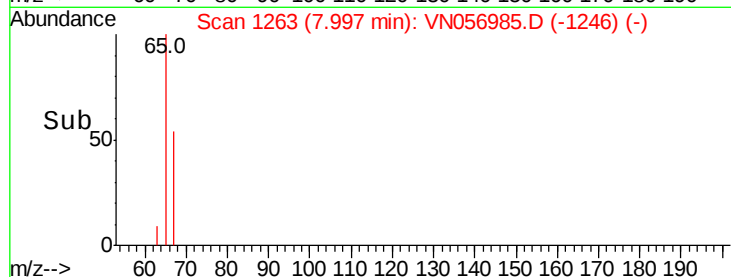
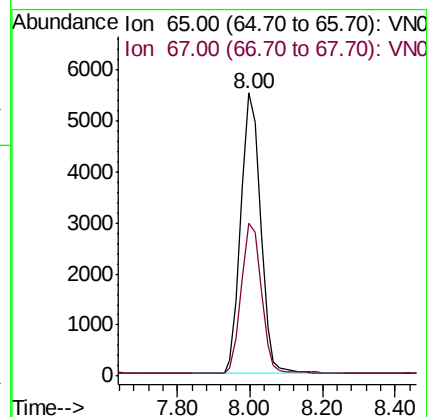
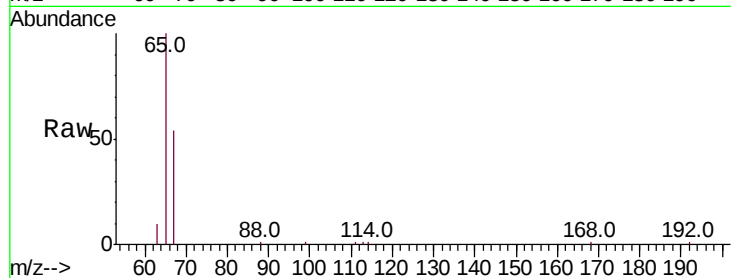
SU19-MSW0115

Tot Ion: 65 Resp: 20765

Ion Ratio Lower Upper

65 100

67 54.1 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: VN056985.D

Acq: 30 Jul 2019 18:40

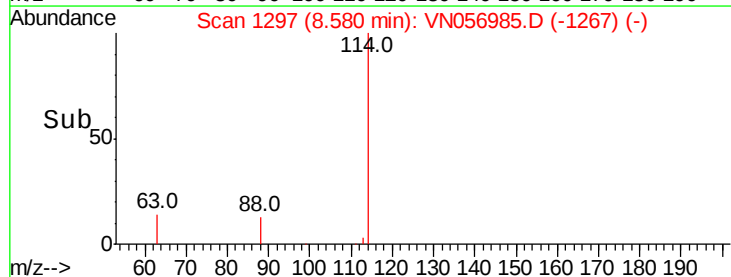
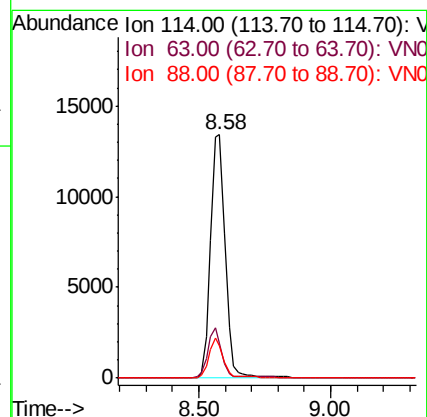
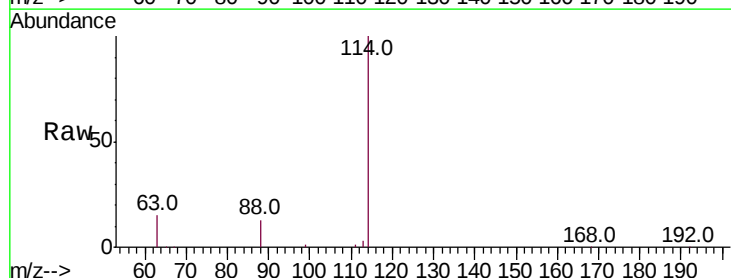
Tgt Ion: 114 Resp: 58797

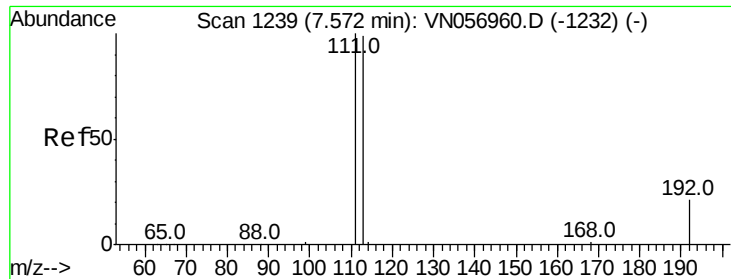
Ion Ratio Lower Upper

114 100

63 14.5 0.0 37.6

88 13.5 0.0 31.0





#5

Dibromofluoromethane

Concen: 4.362 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VN056985.D

Acq: 30 Jul 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

SU19-MSW0115

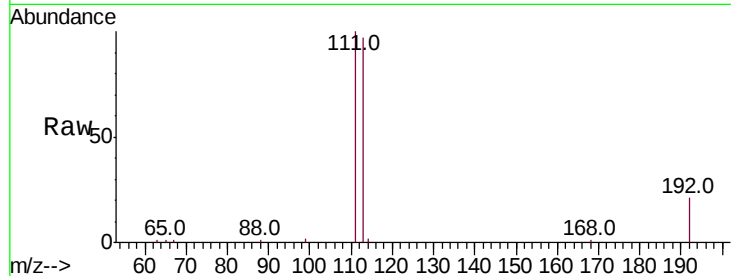
Tot Ion:113 Resp: 17425

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

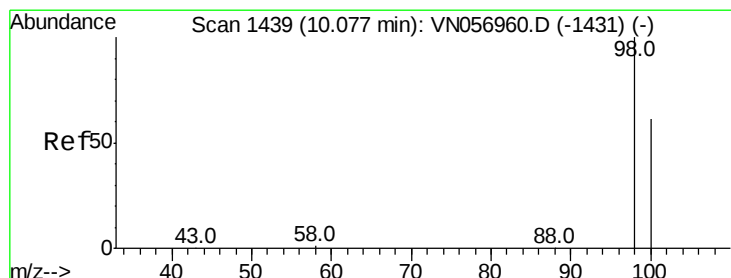
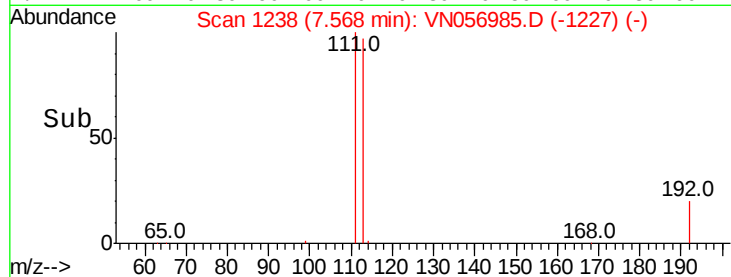
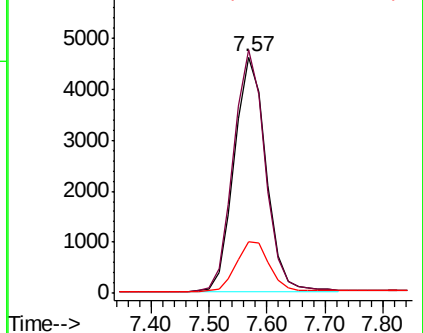
192 21.9 17.9 26.9



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: 4.156 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN056985.D

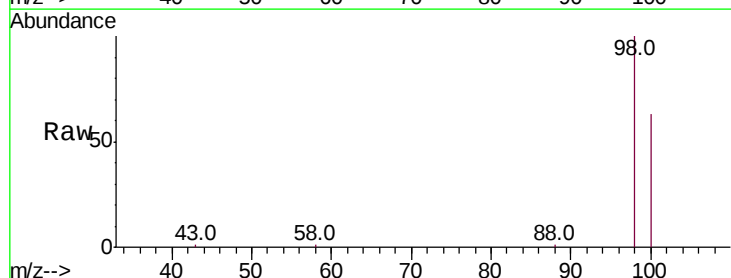
Acq: 30 Jul 2019 18:40

Tgt Ion: 98 Resp: 33881

Ion Ratio Lower Upper

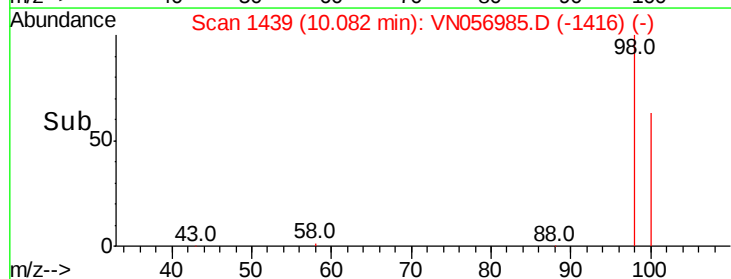
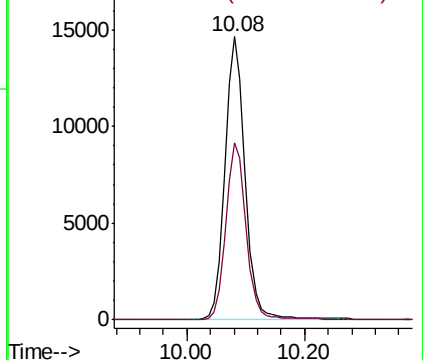
98 100

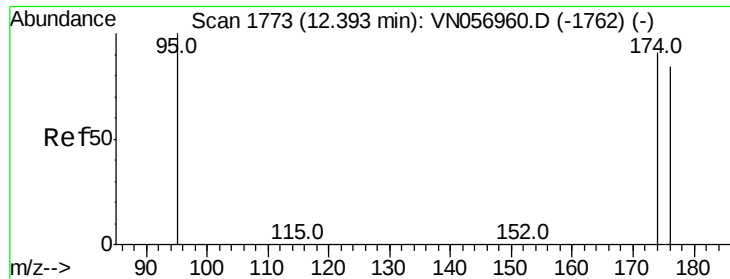
100 62.8 49.0 73.4



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 4.236 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056985.D

Acq: 30 Jul 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

SU19-MSW0115

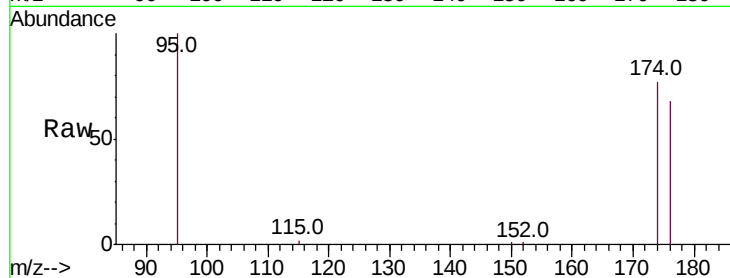
Tot Ion: 95 Resp: 8060

Ion Ratio Lower Upper

95 100

174 76.5 0.0 181.4

176 67.6 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) (-)

12.39

4000

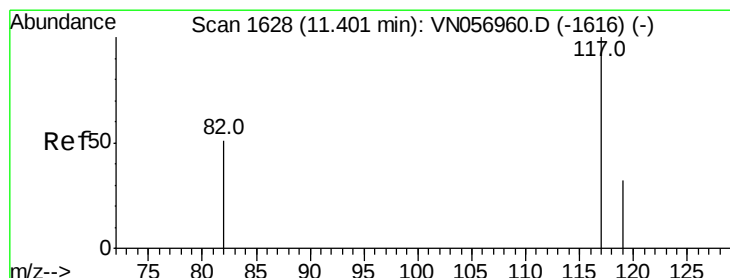
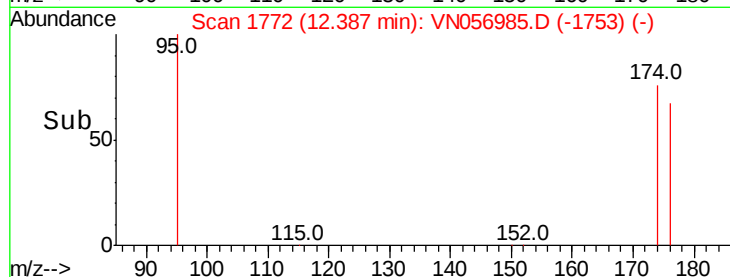
3000

2000

1000

0

Time--> 12.20 12.40 12.60



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.40 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN056985.D

Acq: 30 Jul 2019 18:40

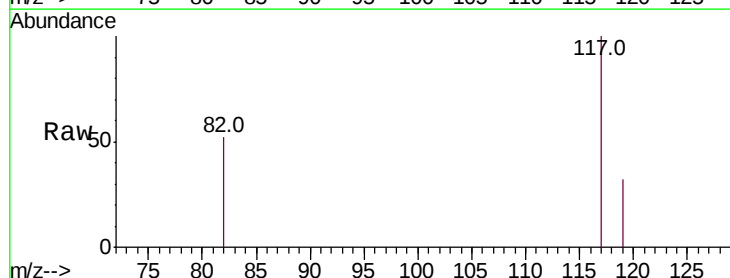
Tgt Ion: 117 Resp: 34596

Ion Ratio Lower Upper

117 100

82 51.7 40.7 61.1

119 31.5 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) (-)

11.40

20000

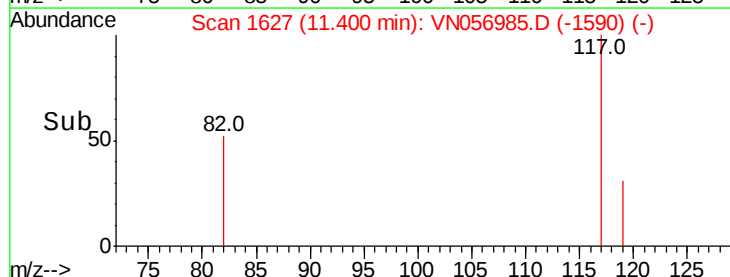
15000

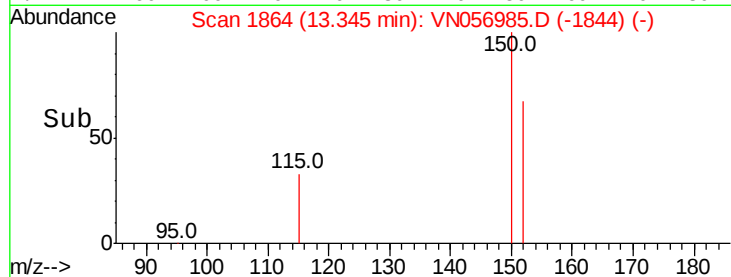
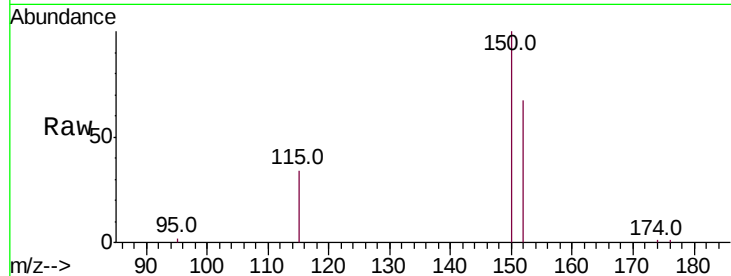
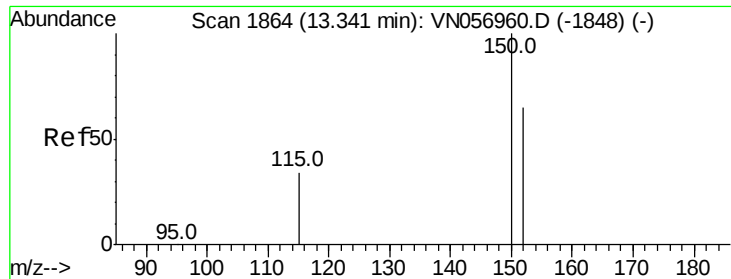
10000

5000

0

Time--> 11.20 11.40 11.60





#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056985.D

Acq: 30 Jul 2019 18:40

Instrument :

MSVOA_N

ClientSampleId :

SU19-MSW0115

Tot Ion:152 Resp: 5004

Ion Ratio Lower Upper

152 100

115 50.7 27.0 80.8

150 148.6 0.0 306.8

