

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063542.D
 Acq On : 22 Sep 2020 18:55
 Operator : JC/MD
 Sample : L4082-05DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200915DL

Quant Time: Sep 23 11:47:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

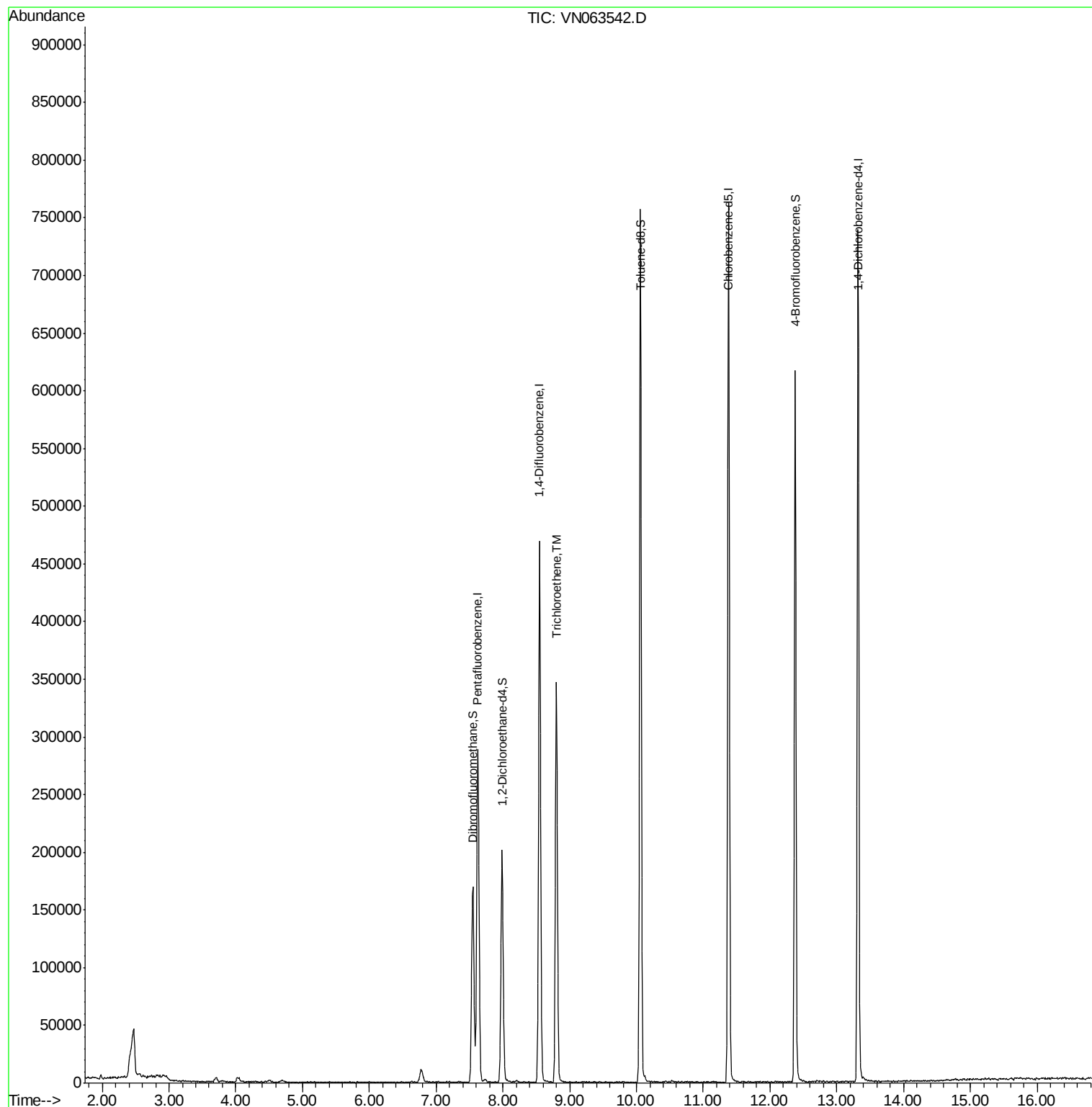
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	396913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175125	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
35) Dibromofluoromethane	7.55	113	128921	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
50) Toluene-d8	10.06	98	507383	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.38	95	204020	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
Target Compounds						
44) Trichloroethene	8.80	130	115576	39.801	ug/l	Qvalue 97

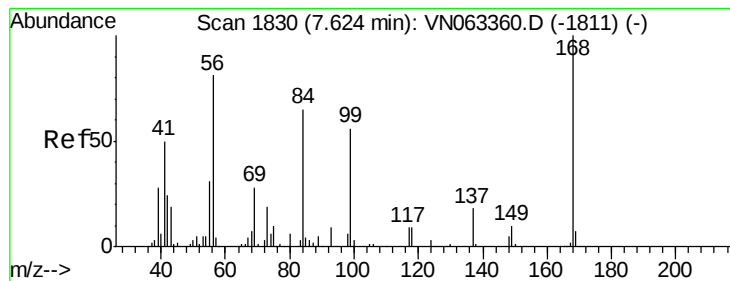
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

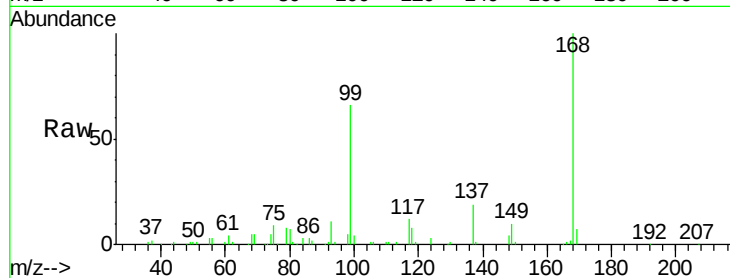
RE139D2-20200915DL

Tot Ion:168 Resp: 211356

Ion Ratio Lower Upper

168 100

99 66.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

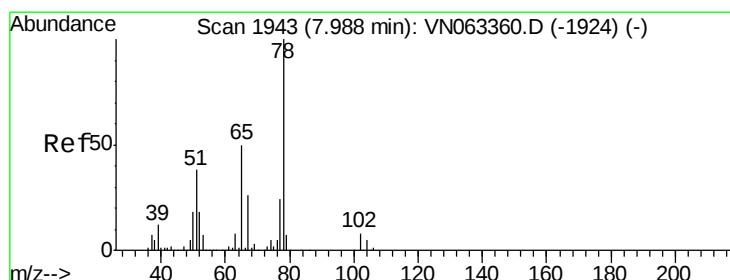
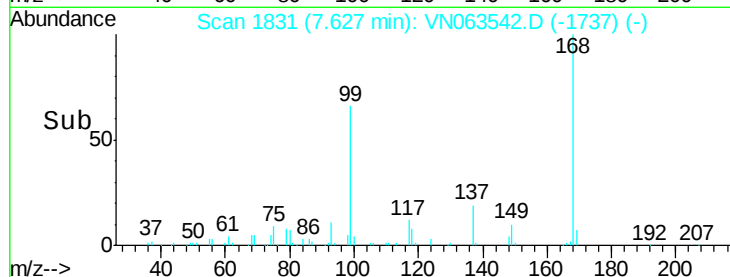
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.675 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063542.D

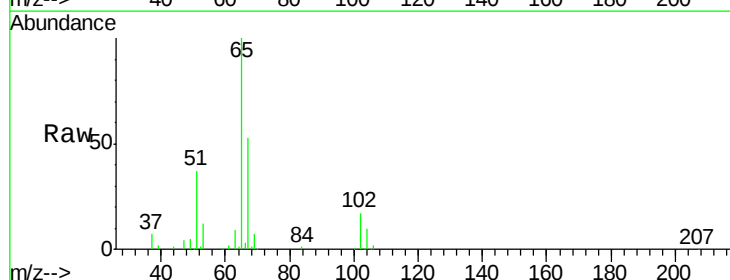
Acq: 22 Sep 2020 18:55

Tgt Ion: 65 Resp: 175125

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

80000

60000

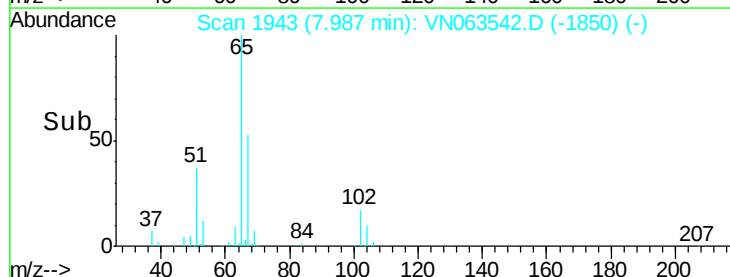
40000

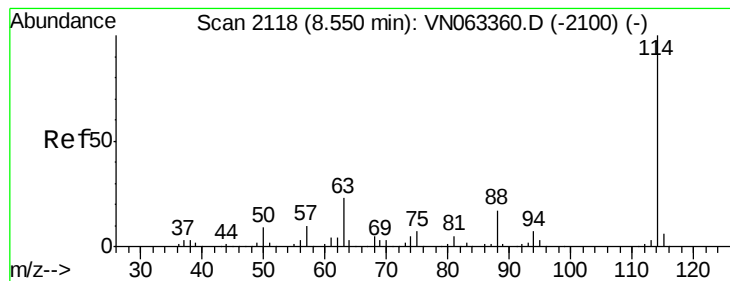
20000

0

7.90 7.95 8.00 8.05

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063542.D

Acq: 22 Sep 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200915DL

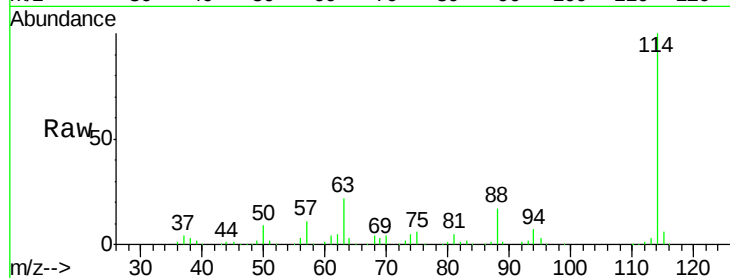
Tot Ion:114 Resp: 393671

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.4

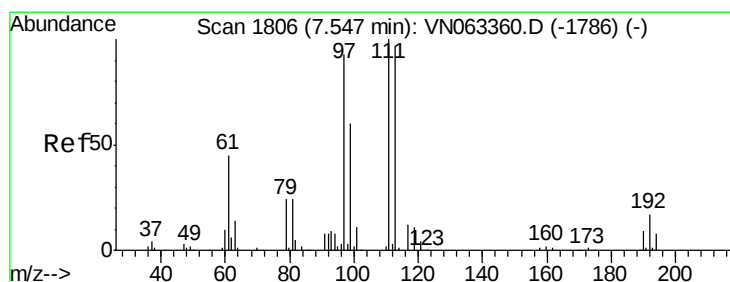
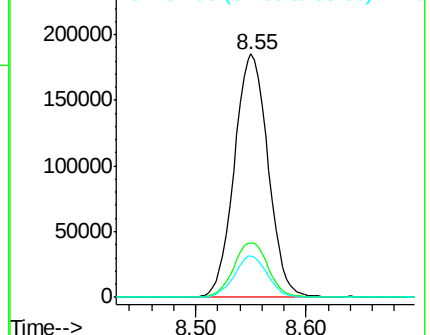
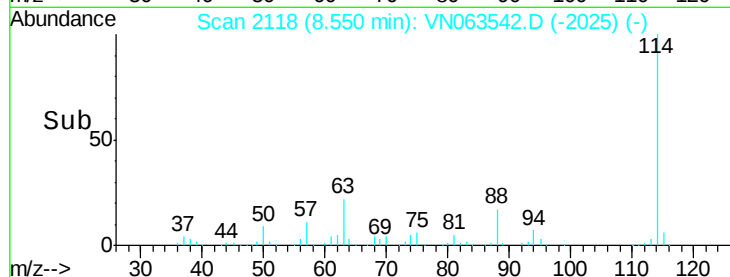
88 17.1 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.305 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063542.D

Acq: 22 Sep 2020 18:55

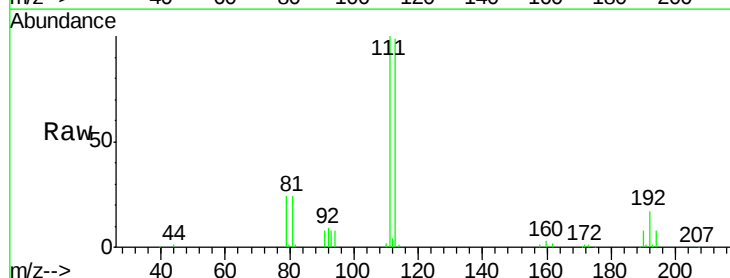
Tgt Ion:113 Resp: 128921

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

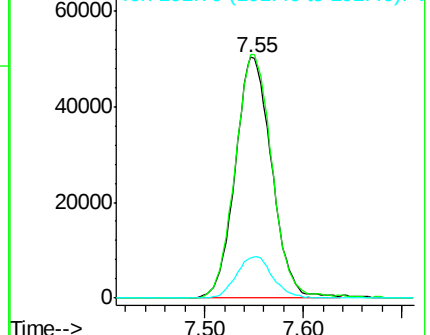
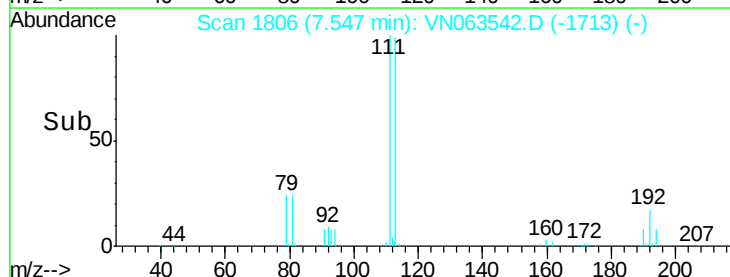
192 17.1 13.9 20.9

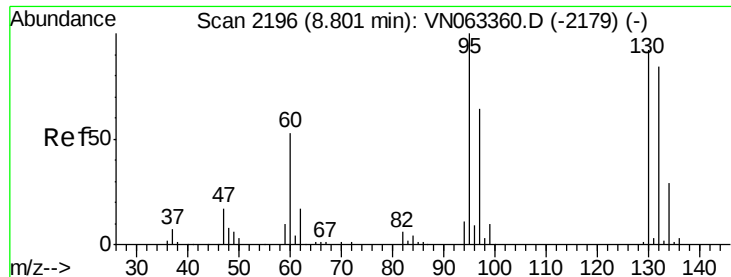


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 39.801 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063542.D

Acq: 22 Sep 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

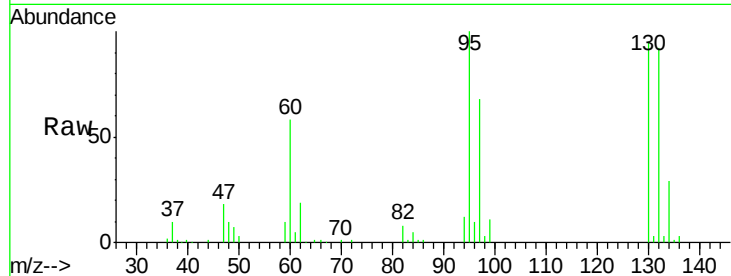
RE139D2-20200915DL

Tot Ion:130 Resp: 115576

Ion Ratio Lower Upper

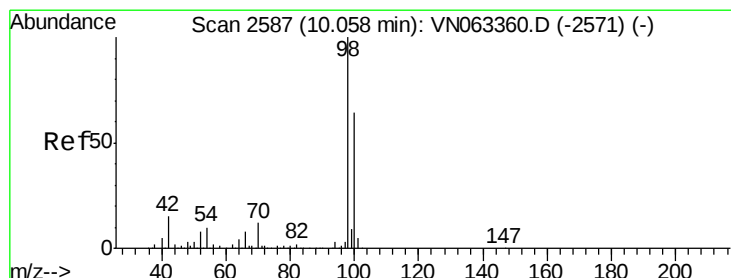
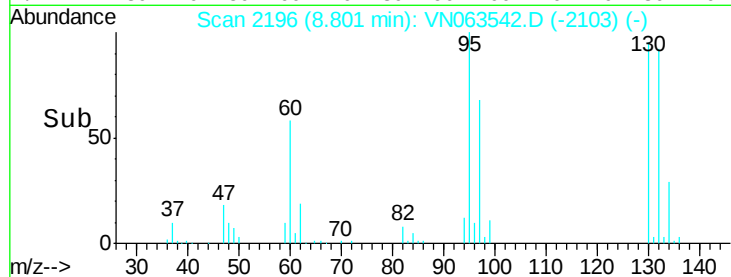
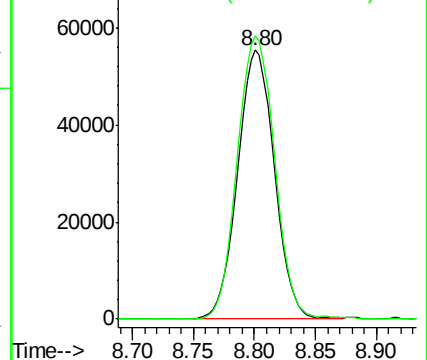
130 100

95 105.1 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 49.512 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063542.D

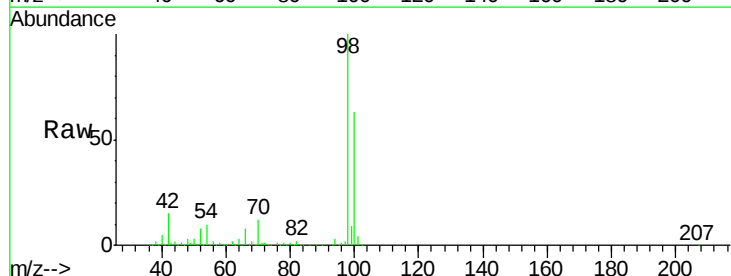
Acq: 22 Sep 2020 18:55

Tgt Ion: 98 Resp: 507383

Ion Ratio Lower Upper

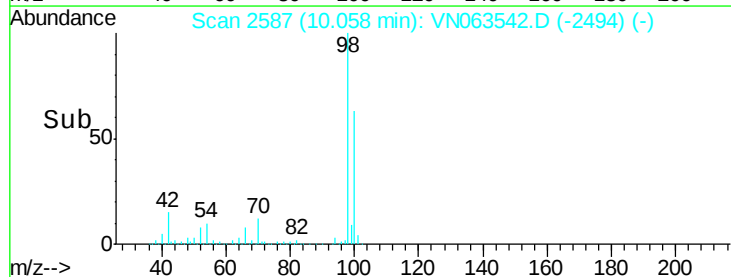
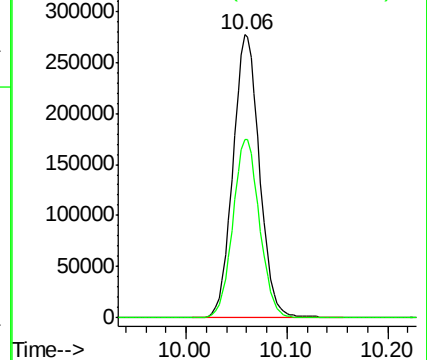
98 100

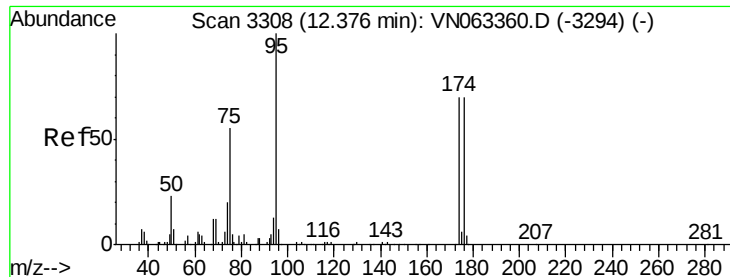
100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

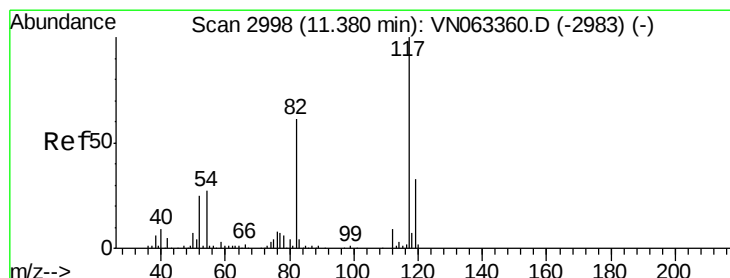
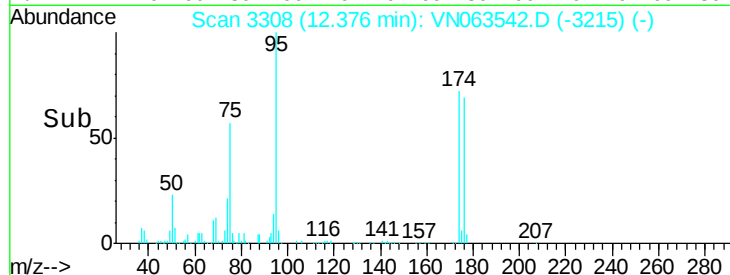
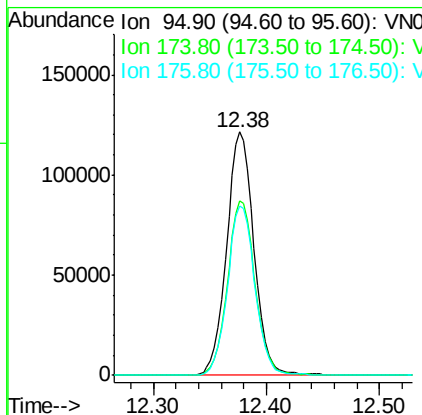
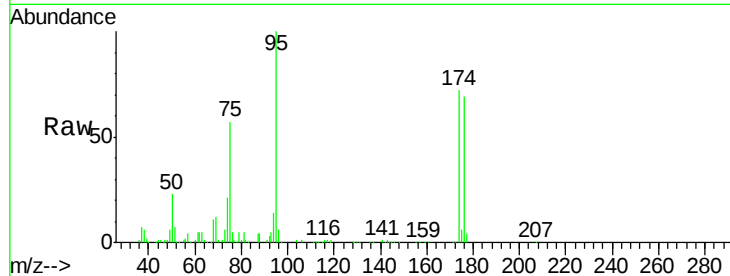




#62
4-Bromofluorobenzene
Concen: 54.310 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063542.D
Acq: 22 Sep 2020 18:55

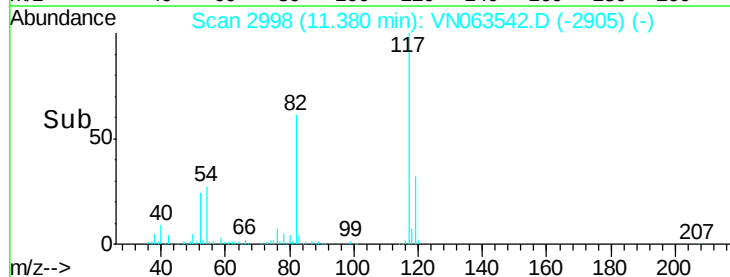
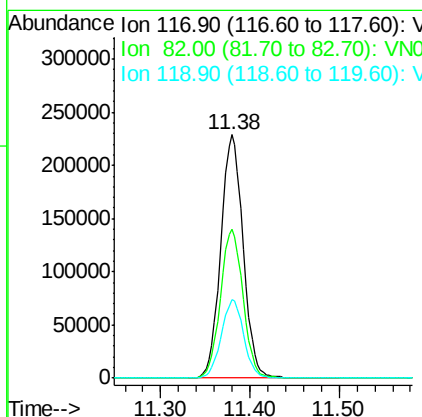
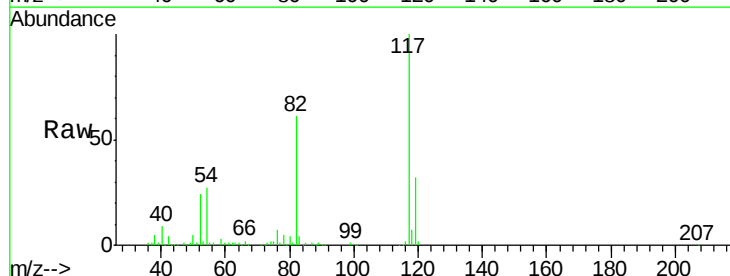
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20200915DL

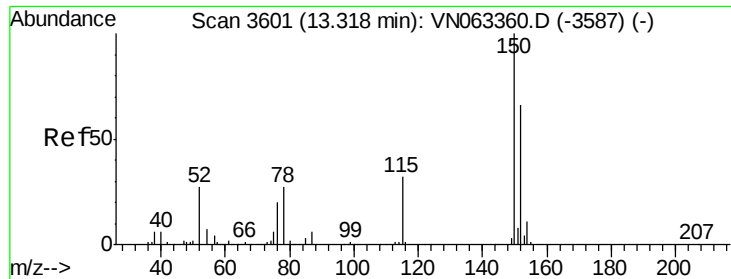
Tot Ion: 95 Resp: 204020
Ion Ratio Lower Upper
95 100
174 72.1 0.0 140.8
176 69.4 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063542.D
Acq: 22 Sep 2020 18:55

Tgt Ion: 117 Resp: 396913
Ion Ratio Lower Upper
117 100
82 61.0 49.2 73.8
119 32.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063542.D

Acq: 22 Sep 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

RE139D2-20200915DL

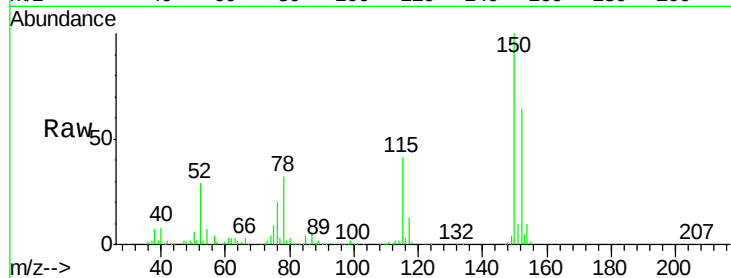
Tot Ion:152 Resp: 180629

Ion Ratio Lower Upper

152 100

115 62.8 32.2 96.6

150 156.3 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

