

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063714.D
 Acq On : 28 Sep 2020 18:45
 Operator : JC/MD
 Sample : L4178-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Sep 29 04:37:07 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

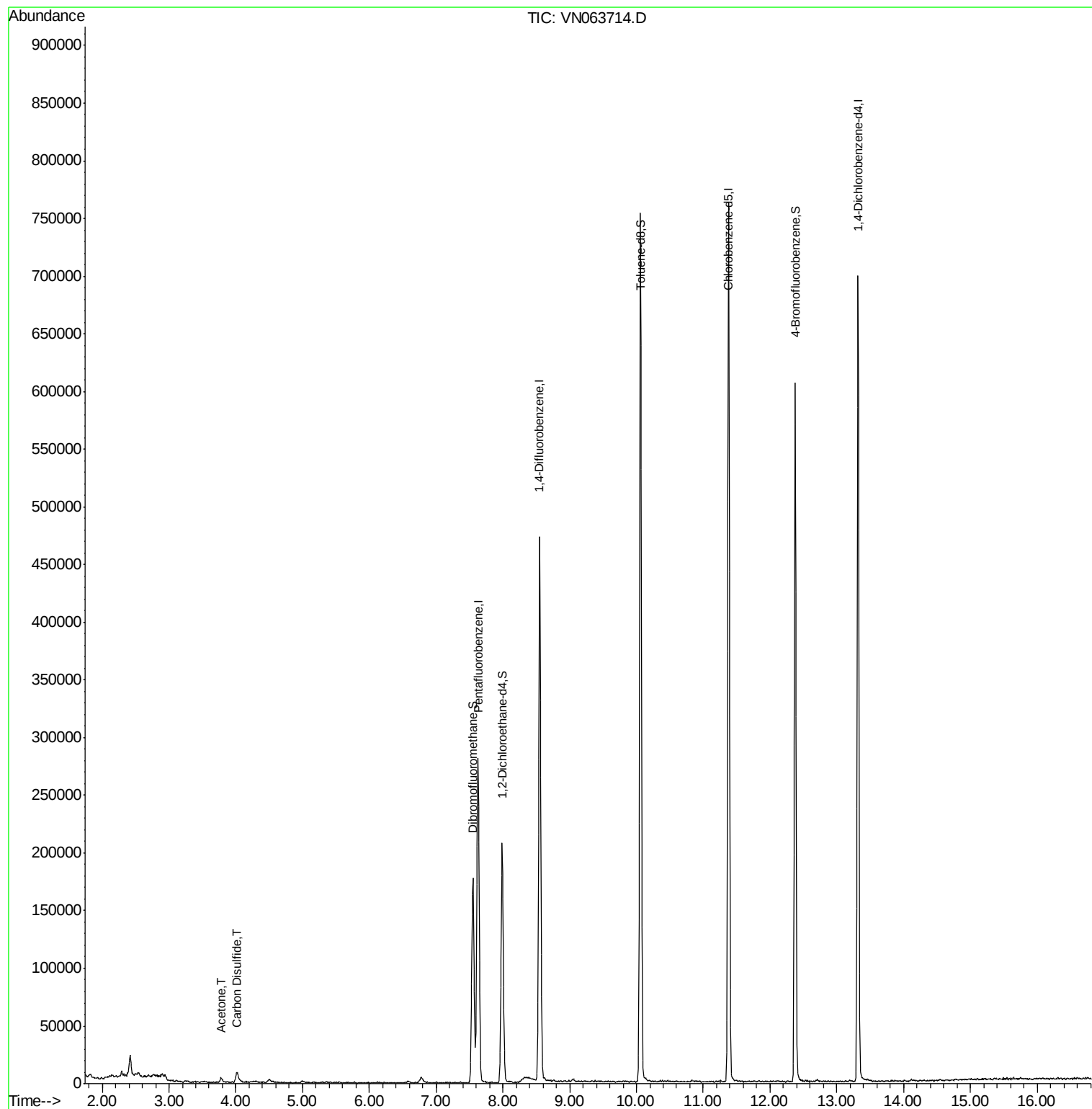
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	207284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	168817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	180753	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	7.55	113	132476	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	10.06	98	501176	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.38	95	197271	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
Target Compounds						
16) Acetone	3.78	43	6246	5.508	ug/l #	80
17) Carbon Disulfide	4.01	76	5399	0.793	ug/l	96

(#) = 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

Lab File: VN063714.D

Acq: 28 Sep 2020 18:45

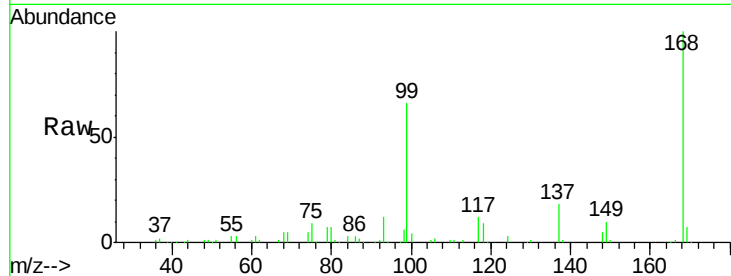
Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion:168 Resp: 207284

Ion Ratio Lower Upper

168 100

99 66.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

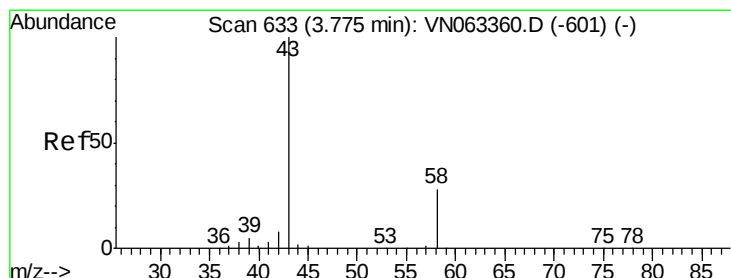
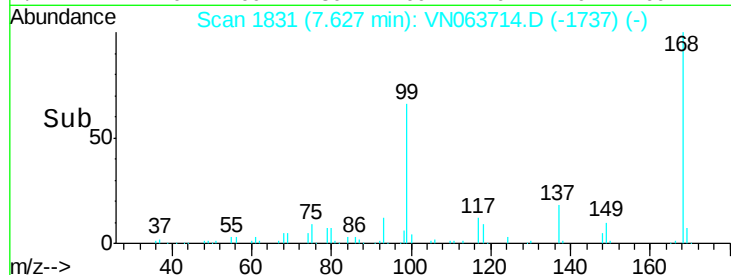
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 5.508 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063714.D

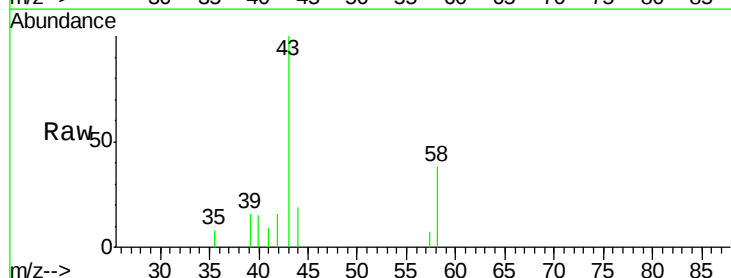
Acq: 28 Sep 2020 18:45

Tgt Ion: 43 Resp: 6246

Ion Ratio Lower Upper

43 100

58 38.5 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

2500

2000

1500

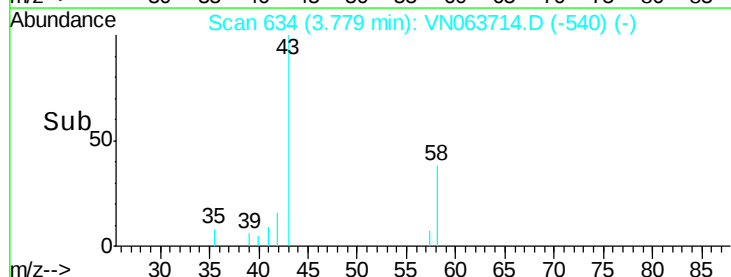
1000

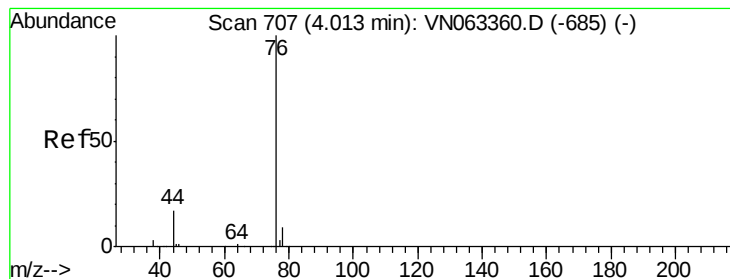
500

0

Time-->

3.70 3.75 3.80 3.85





#17

Carbon Disulfide

Concen: 0.793 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063714.D

Acq: 28 Sep 2020 18:45

Instrument :

MSVOA_N

ClientSampled :

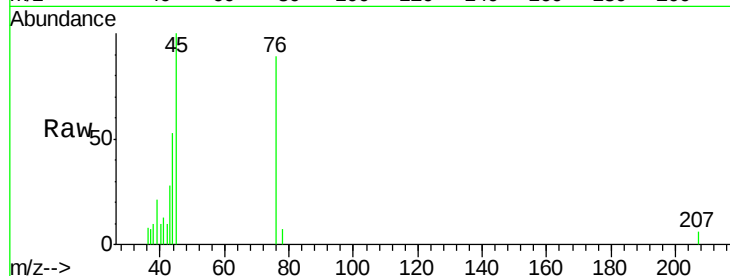
TP-2

Tot Ion: 76 Resp: 5399

Ion Ratio Lower Upper

76 100

78 7.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN063360.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063360.D (-685) (-)

4.01

2500

2000

1500

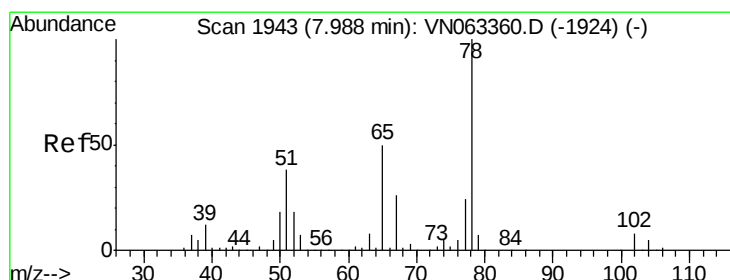
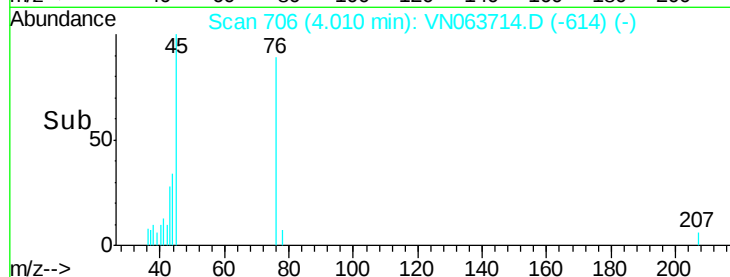
1000

500

0

3.95 4.00 4.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.226 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063714.D

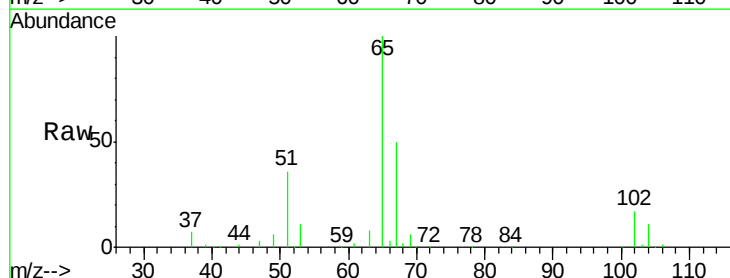
Acq: 28 Sep 2020 18:45

Tgt Ion: 65 Resp: 180753

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)

7.99

80000

60000

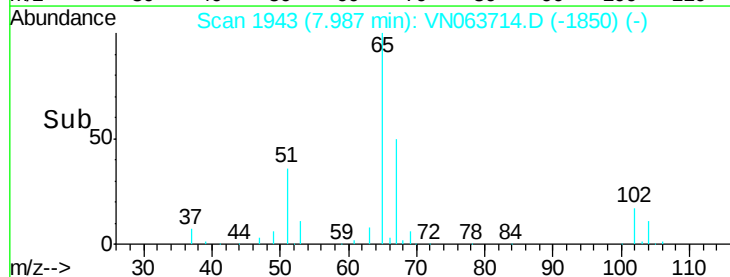
40000

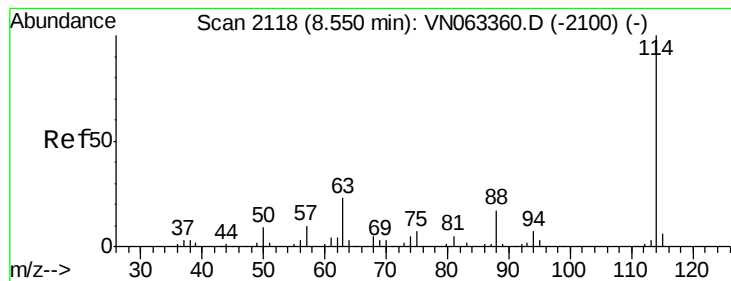
20000

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: VN063714.D

Acq: 28 Sep 2020 18:45

Instrument :

MSVOA_N

ClientSampleId :

TP-2

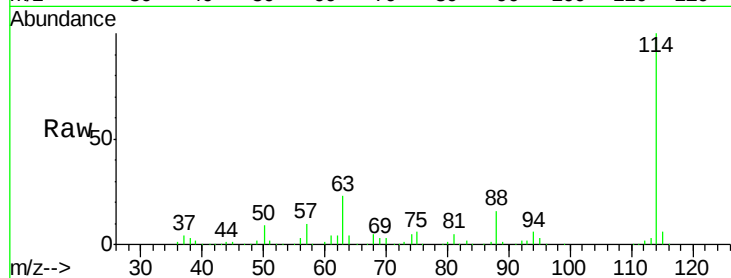
Tot Ion:114 Resp: 388840

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.4

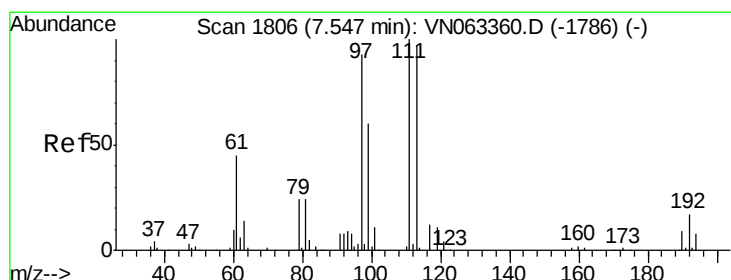
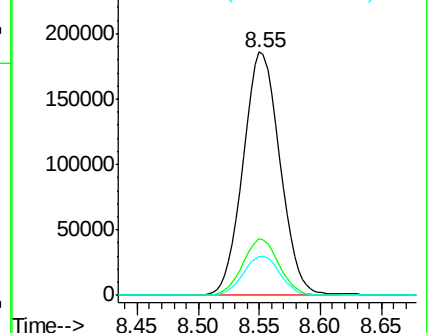
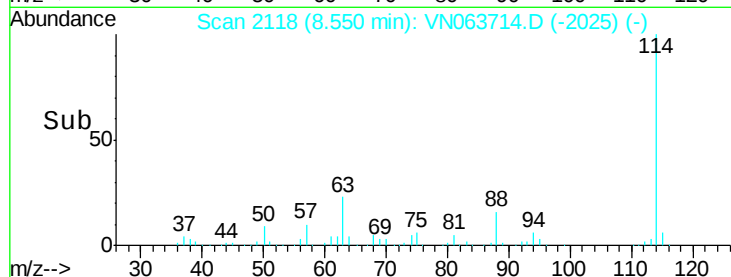
88 15.9 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.214 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063714.D

Acq: 28 Sep 2020 18:45

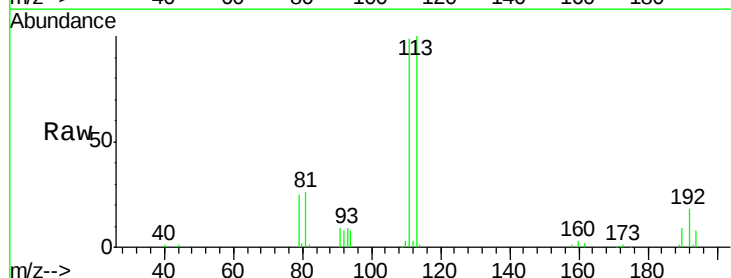
Tgt Ion:113 Resp: 132476

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

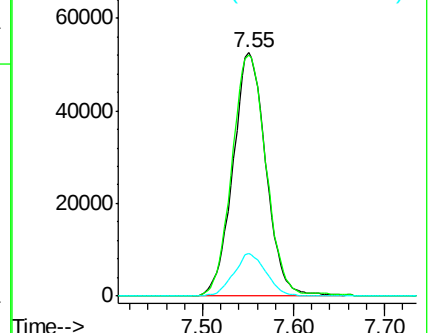
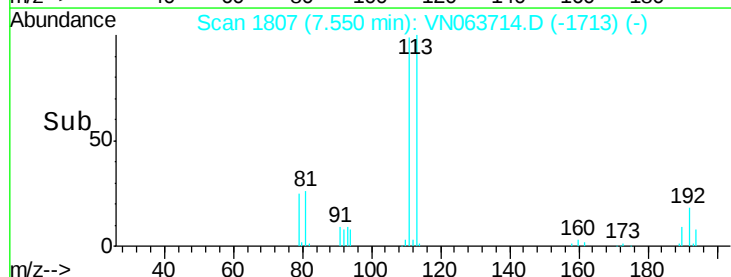
192 17.2 13.9 20.9

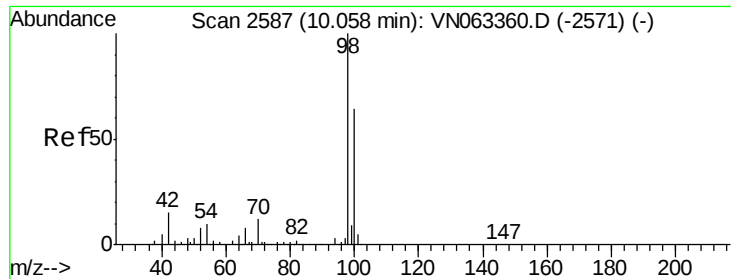


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.514 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063714.D

Acq: 28 Sep 2020 18:45

Instrument :

MSVOA_N

ClientSampled :

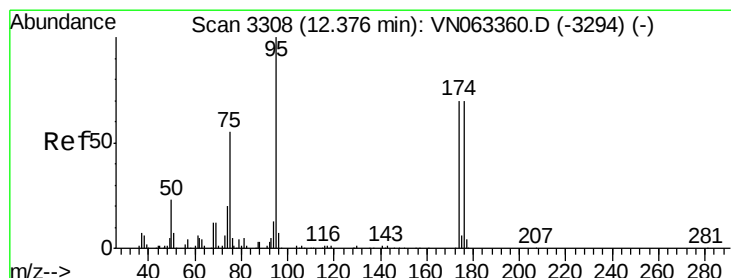
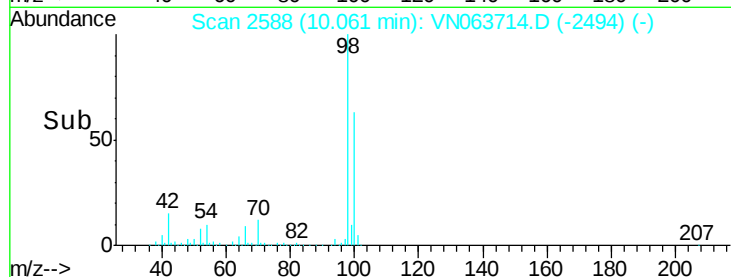
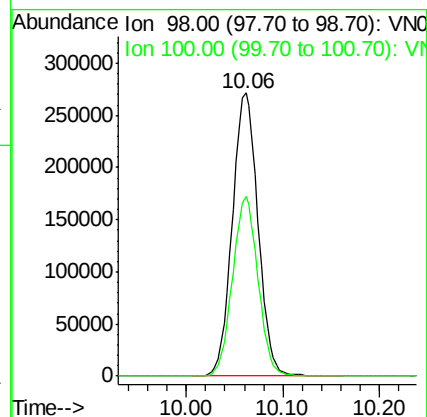
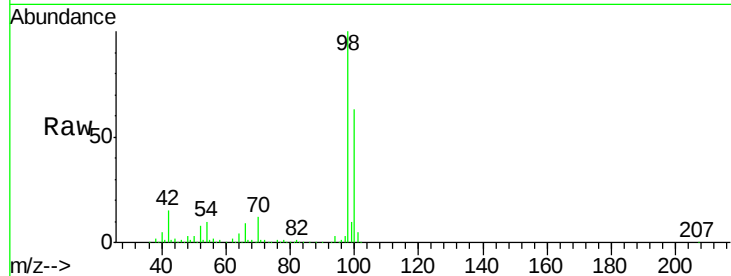
TP-2

Tot Ion: 98 Resp: 501176

Ion Ratio Lower Upper

98 100

100 62.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 53.166 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063714.D

Acq: 28 Sep 2020 18:45

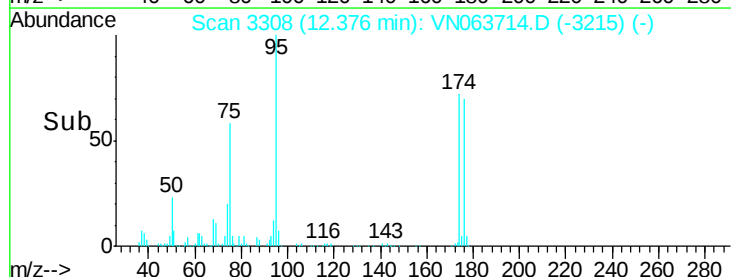
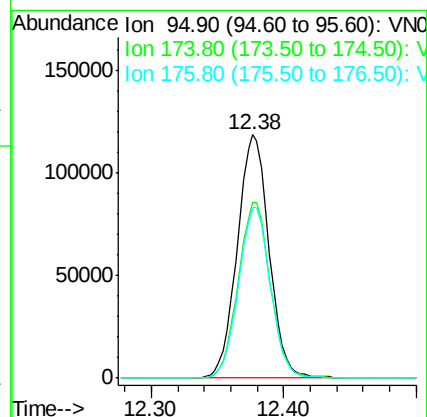
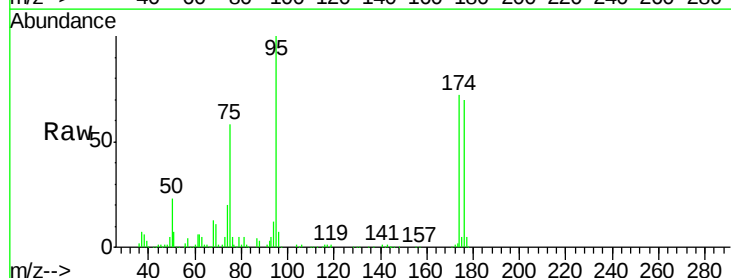
Tgt Ion: 95 Resp: 197271

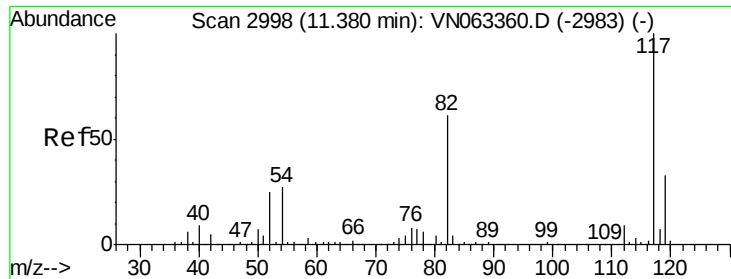
Ion Ratio Lower Upper

95 100

174 73.2 0.0 140.8

176 70.7 0.0 137.6

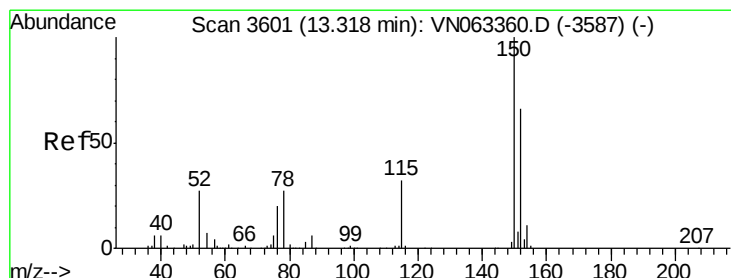
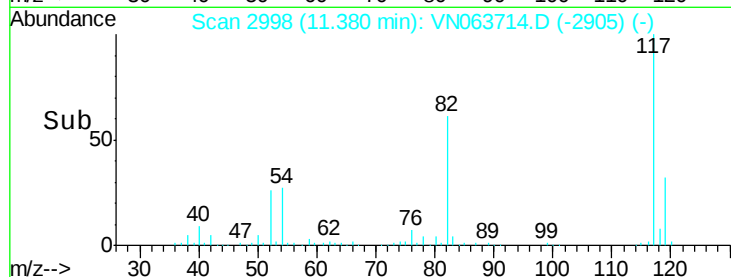
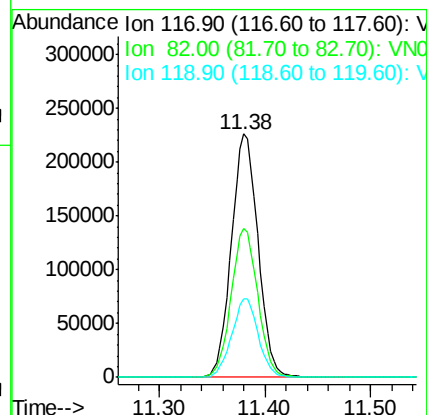
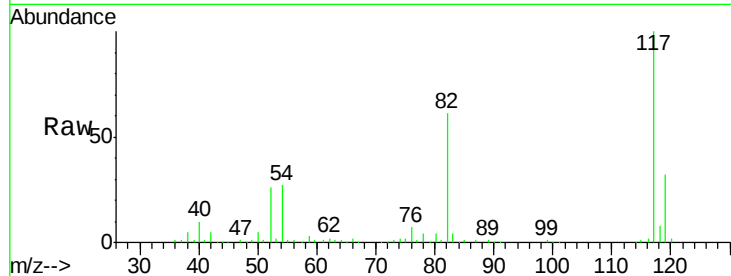




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063714.D
Acq: 28 Sep 2020 18:45

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:117 Resp: 395725
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 32.2 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: VN063714.D
Acq: 28 Sep 2020 18:45

Tgt Ion:152 Resp: 168817
Ion Ratio Lower Upper
152 100
115 61.4 32.2 96.6
150 159.0 0.0 343.4

