

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063550.D
 Acq On : 22 Sep 2020 22:06
 Operator : JC/MD
 Sample : L4093-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KTS-GW-TB

Quant Time: Sep 23 12:07:26 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	218602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176698	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	183180	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	7.55	113	134379	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	10.06	98	522077	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.38	95	208077	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	

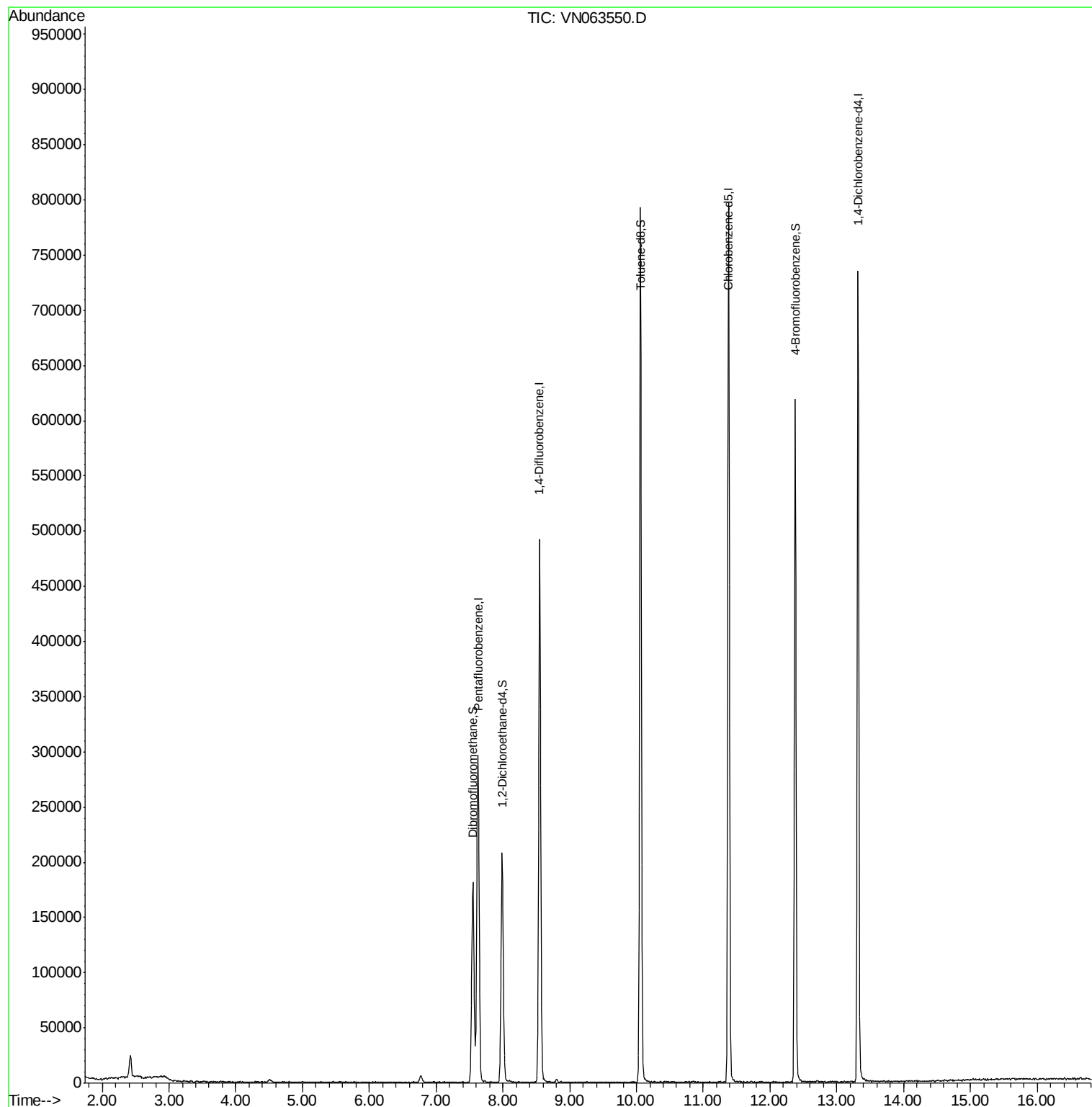
Target Compounds	Qvalue

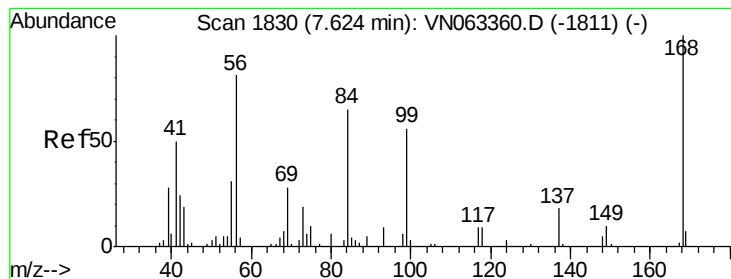
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063550.D

Acq: 22 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

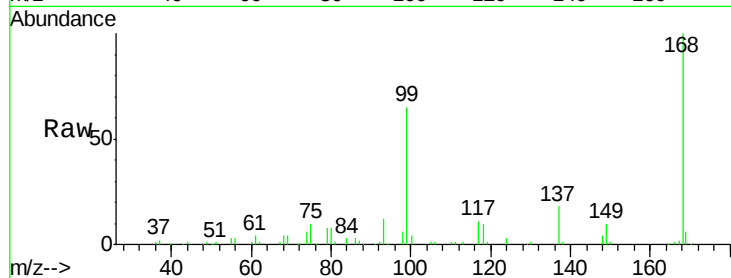
KTS-GW-TB

Tot Ion:168 Resp: 218602

Ion Ratio Lower Upper

168 100

99 64.7 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

100000

80000

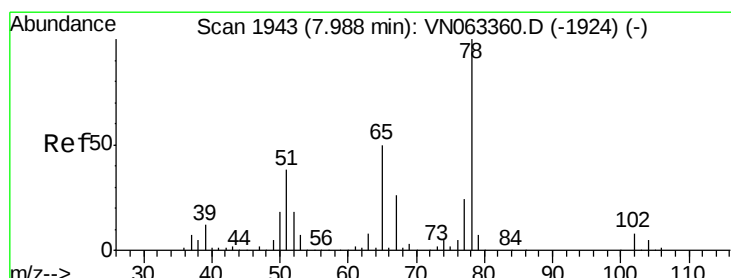
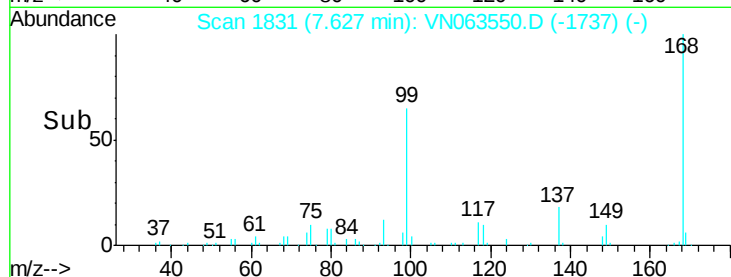
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.226 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063550.D

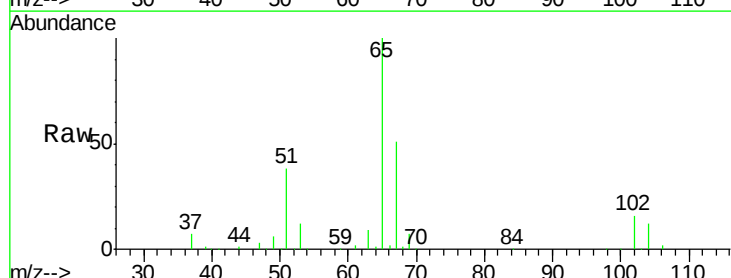
Acq: 22 Sep 2020 22:06

Tgt Ion: 65 Resp: 183180

Ion Ratio Lower Upper

65 100

67 50.6 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

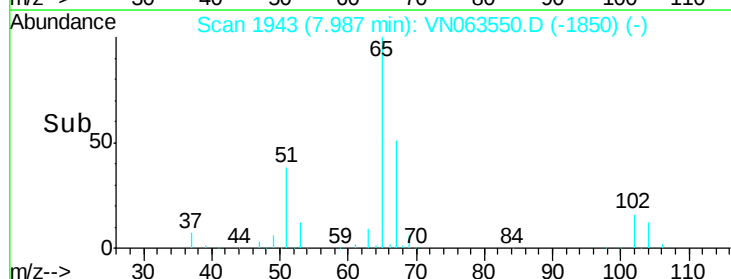
60000

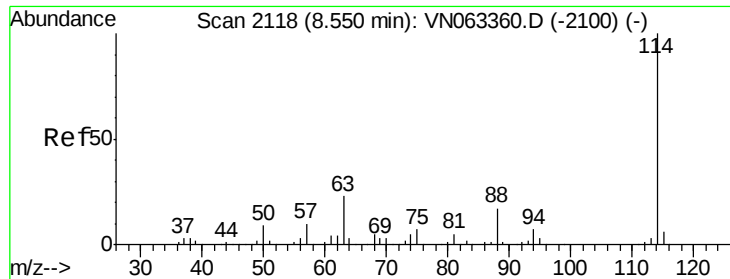
40000

20000

0

Time-->

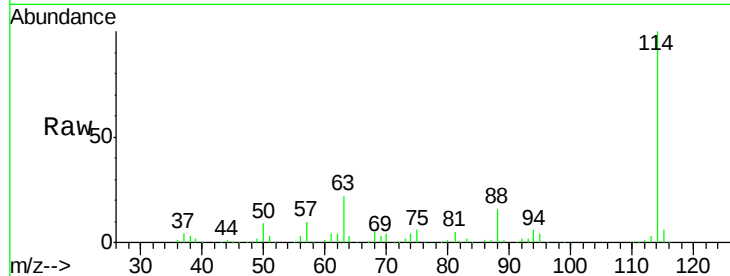




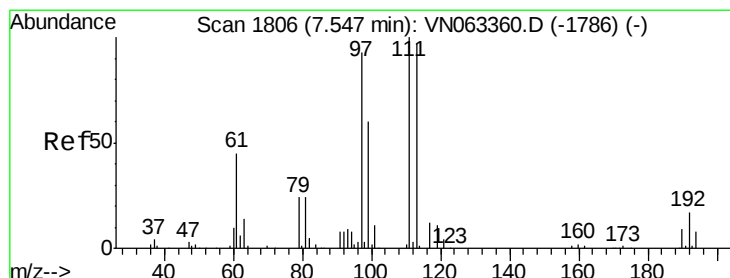
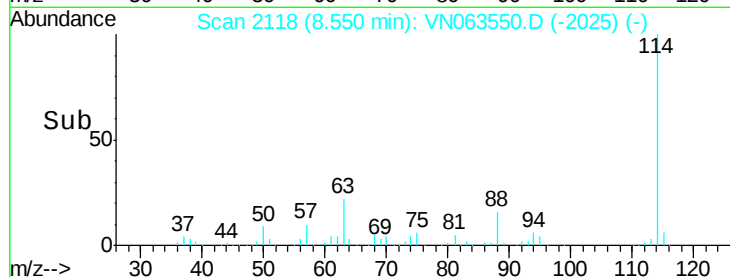
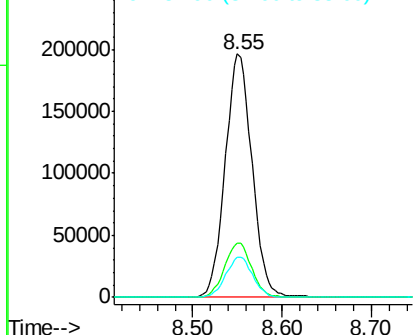
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063550.D
 Acq: 22 Sep 2020 22:06

Instrument :
 MSVOA_N
 ClientSampleId :
 KTS-GW-TB

Tot Ion:114 Resp: 409426
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.4
 88 16.4 0.0 33.2

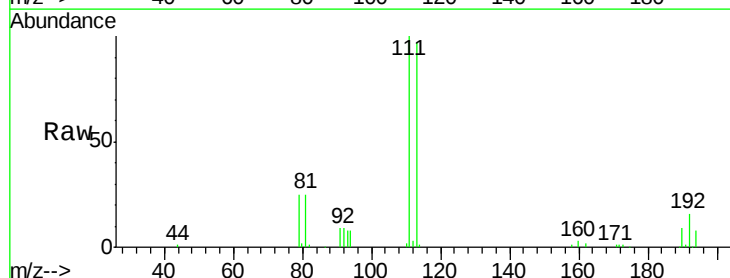


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

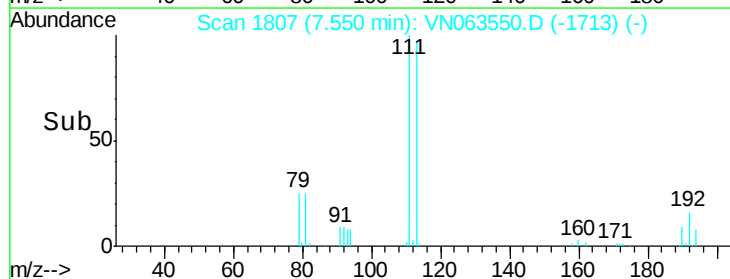
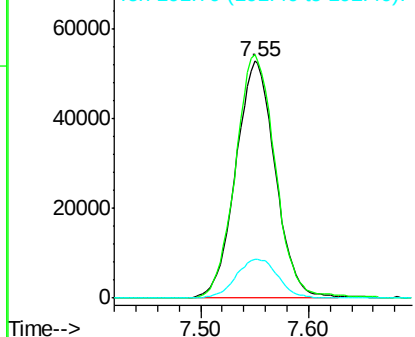


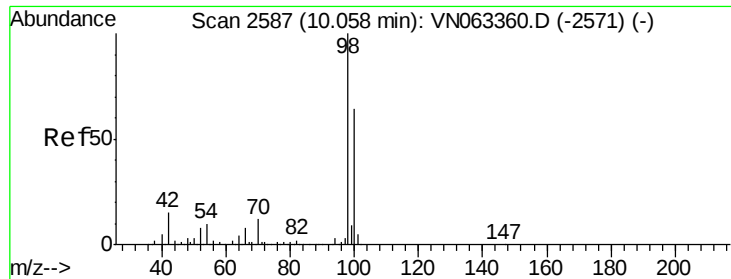
#35
 Dibromofluoromethane
 Concen: 47.410 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063550.D
 Acq: 22 Sep 2020 22:06

Tgt Ion:113 Resp: 134379
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 17.5 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: 48.986 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063550.D

Acq: 22 Sep 2020 22:06

Instrument :

MSVOA_N

ClientSampleId :

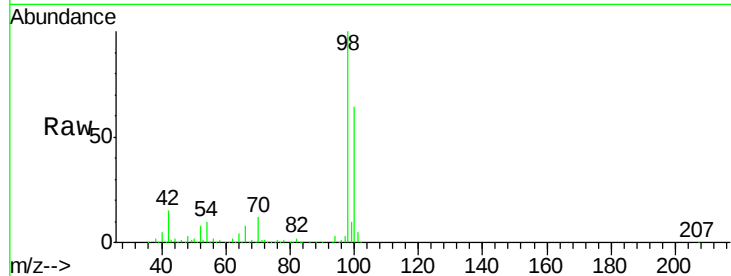
KTS-GW-TB

Tot Ion: 98 Resp: 522077

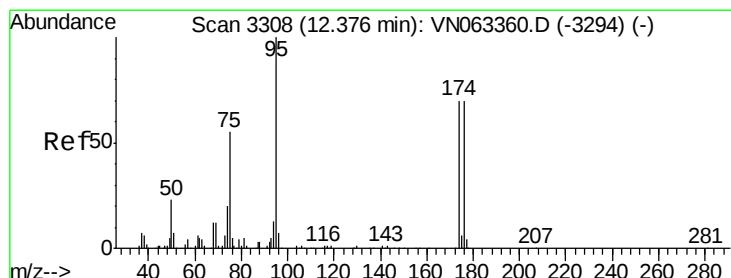
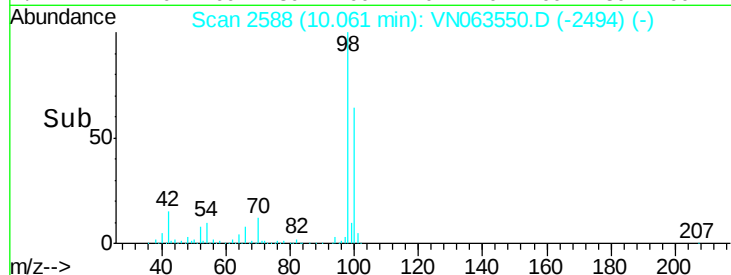
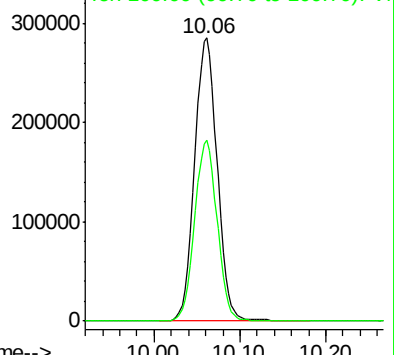
Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 53.258 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063550.D

Acq: 22 Sep 2020 22:06

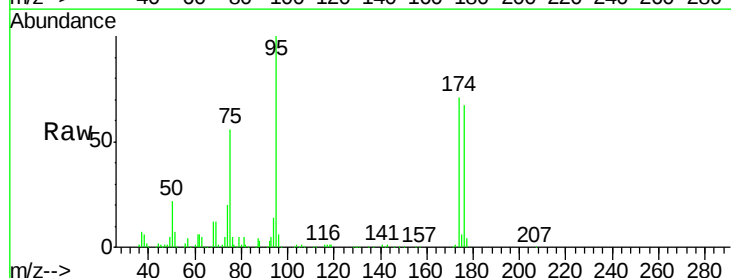
Tgt Ion: 95 Resp: 208077

Ion Ratio Lower Upper

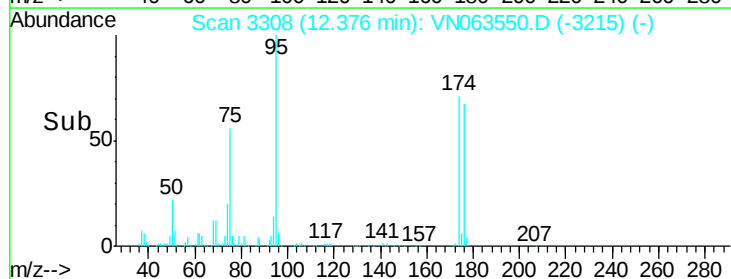
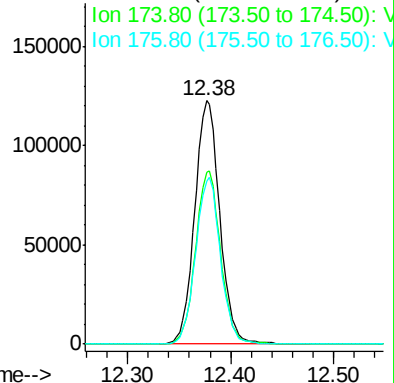
95 100

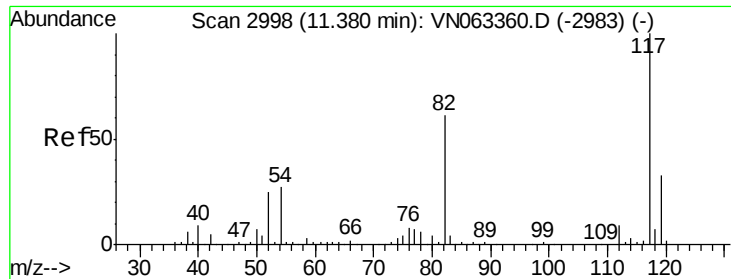
174 70.9 0.0 140.8

176 67.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

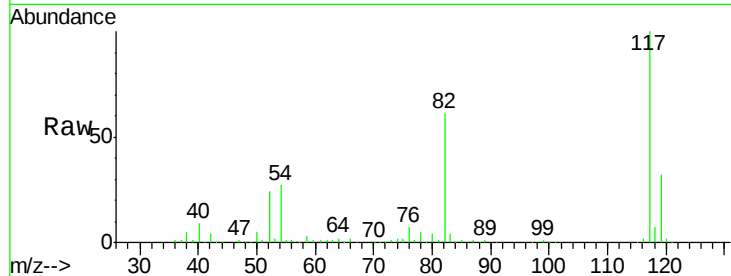




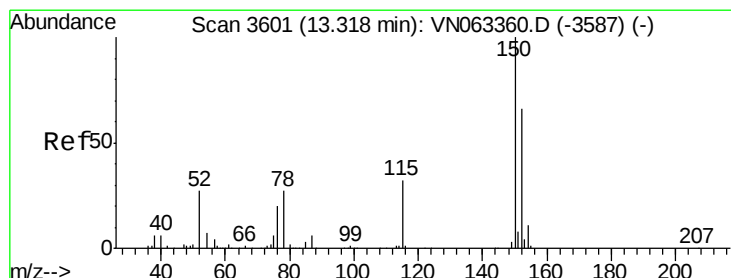
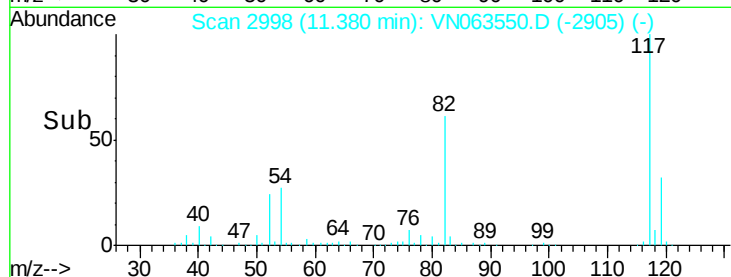
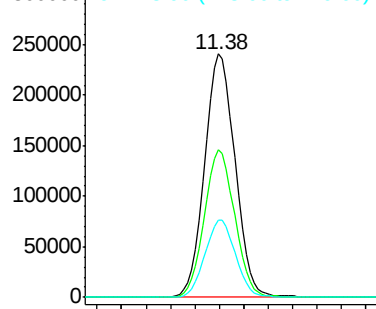
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063550.D
Acq: 22 Sep 2020 22:06

Instrument :
MSVOA_N
ClientSampled :
KTS-GW-TB

Tot Ion:117 Resp: 416437
Ion Ratio Lower Upper
117 100
82 60.5 49.2 73.8
119 31.6 26.2 39.4

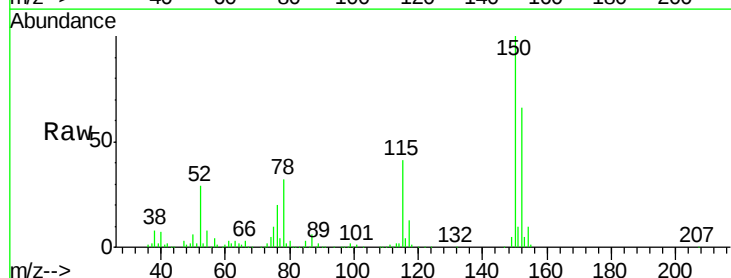


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063550.D
Acq: 22 Sep 2020 22:06

Tgt Ion:152 Resp: 176698
Ion Ratio Lower Upper
152 100
115 63.2 32.2 96.6
150 154.6 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

