

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063061.D
 Acq On : 21 Aug 2020 2:29
 Operator : JC/MD
 Sample : L3698-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0209

Quant Time: Aug 21 11:00:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

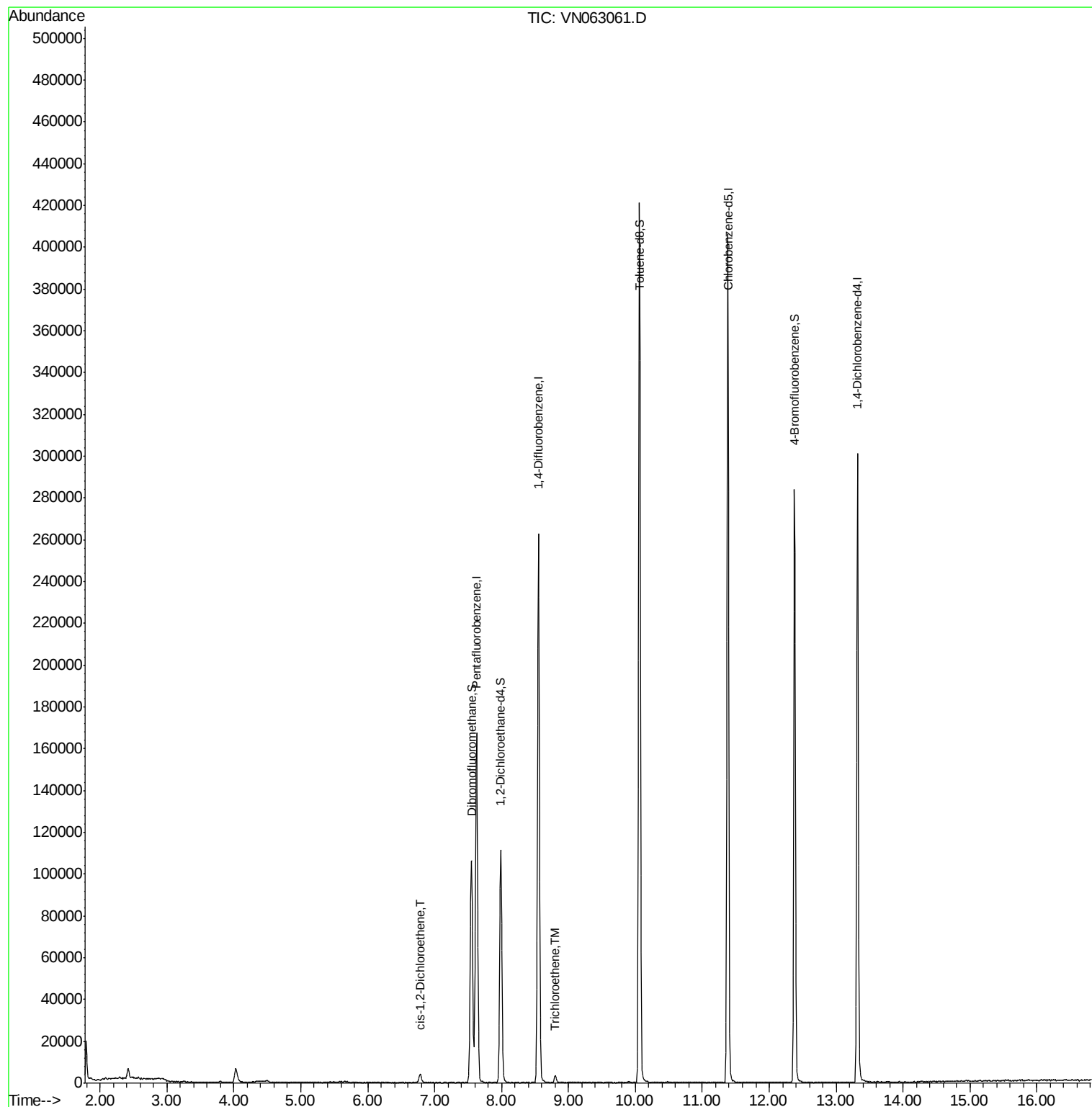
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	140818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	236192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96609	57.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.78%	
35) Dibromofluoromethane	7.55	113	82949	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
50) Toluene-d8	10.06	98	303695	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.38	95	98989	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.78	96	3093	1.973	ug/l	84
44) Trichloroethene	8.80	130	1655	1.008	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082020\
Data File : VN063061.D
Acq On : 21 Aug 2020 2:29
Operator : JC/MD
Sample : L3698-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S39-0209

Quant Time: Aug 21 11:00:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063061.D

Acq: 21 Aug 2020 2:29

Instrument :

MSVOA_N

ClientSampleId :

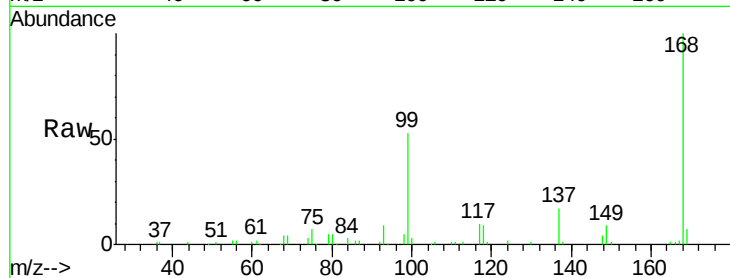
S39-0209

Tot Ion:168 Resp: 140818

Ion Ratio Lower Upper

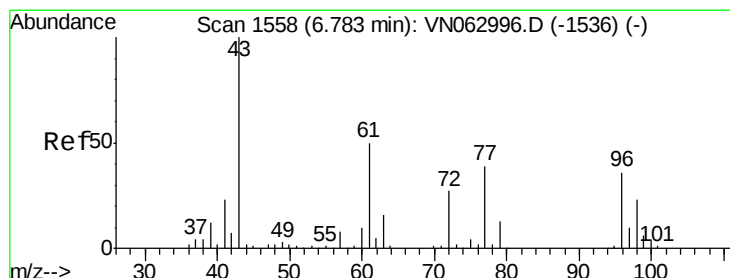
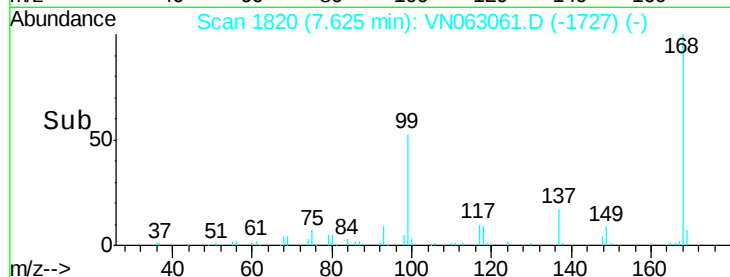
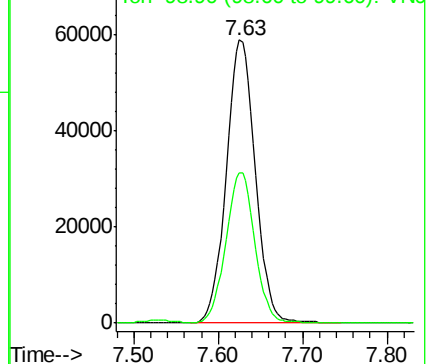
168 100

99 53.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#27

cis-1,2-Dichloroethene

Concen: 1.973 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN063061.D

Acq: 21 Aug 2020 2:29

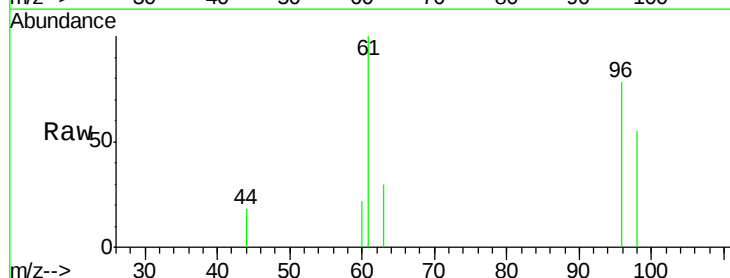
Tgt Ion: 96 Resp: 3093

Ion Ratio Lower Upper

96 100

61 122.4 0.0 292.8

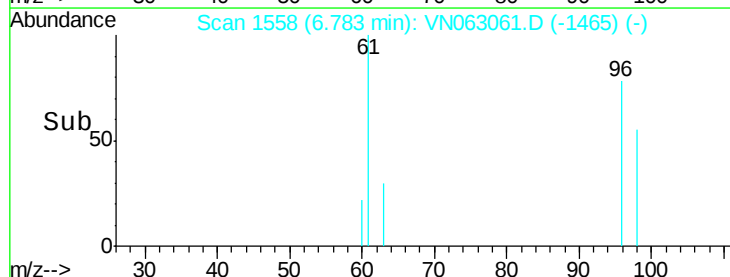
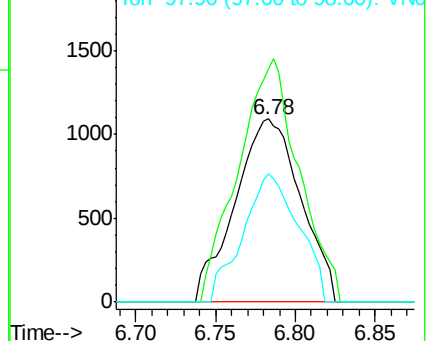
98 59.1 0.0 130.6

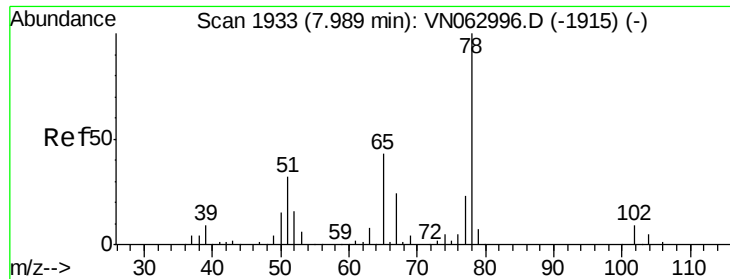


Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

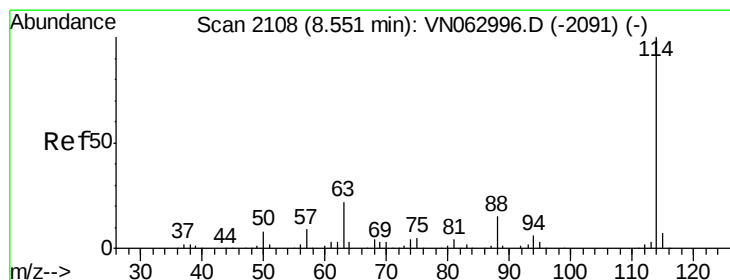
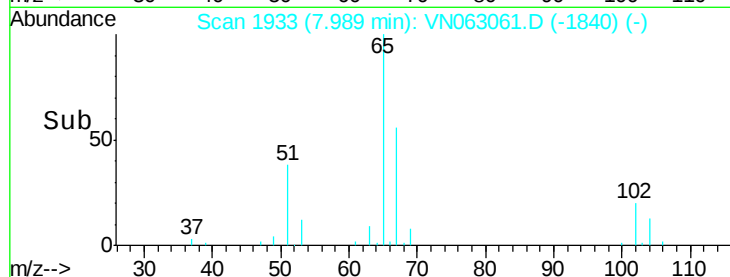
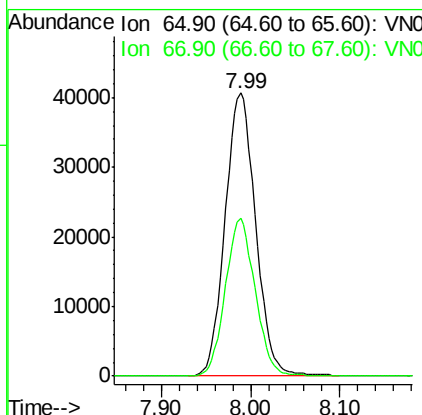
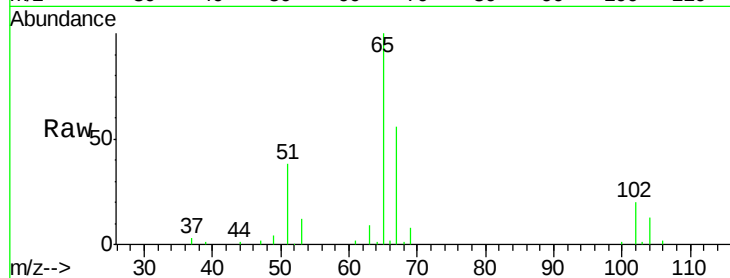




#33
 1,2-Dichloroethane-d4
 Concen: 57.886 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063061.D
 Acq: 21 Aug 2020 2:29

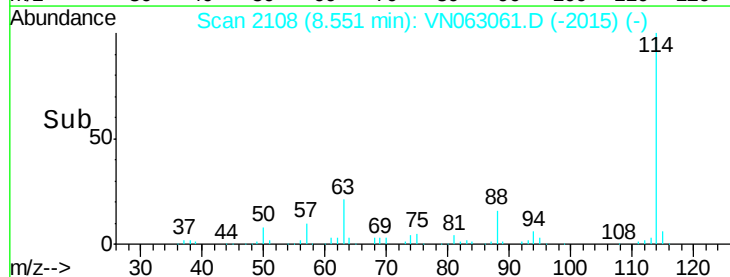
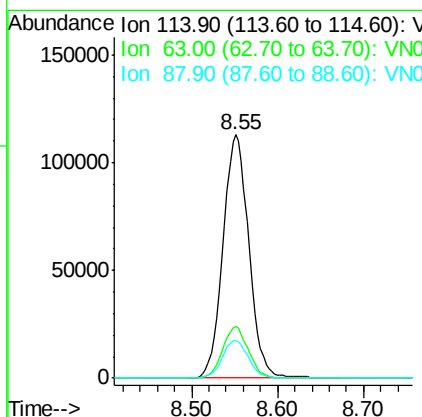
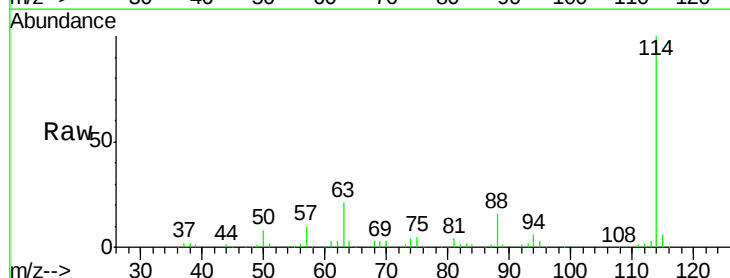
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0209

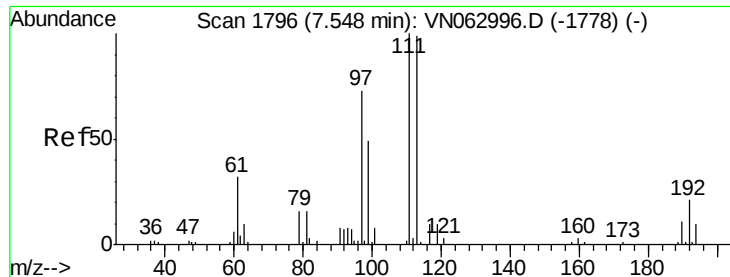
Tot Ion: 65 Resp: 96609
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063061.D
 Acq: 21 Aug 2020 2:29

Tgt Ion: 114 Resp: 236192
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 15.6 0.0 30.6

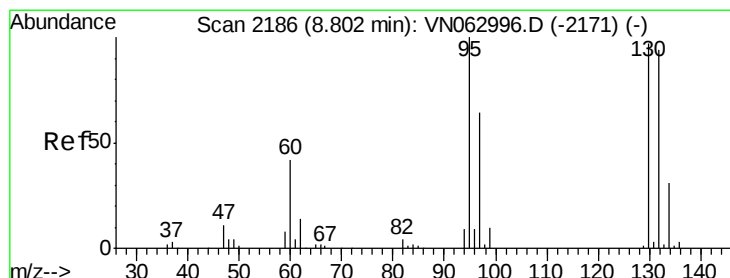
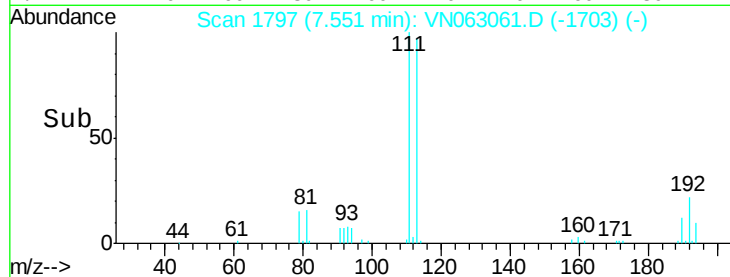
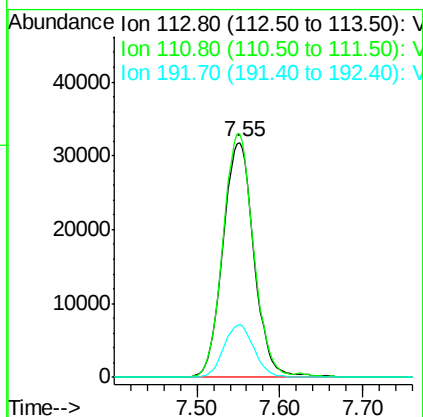
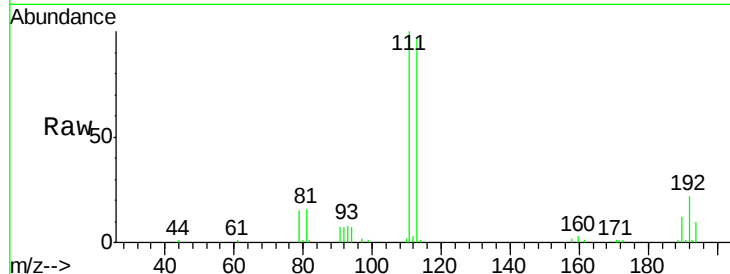




#35
Dibromofluoromethane
Concen: 53.897 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN063061.D
Acq: 21 Aug 2020 2:29

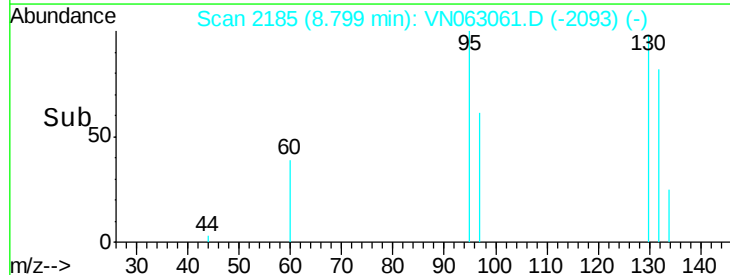
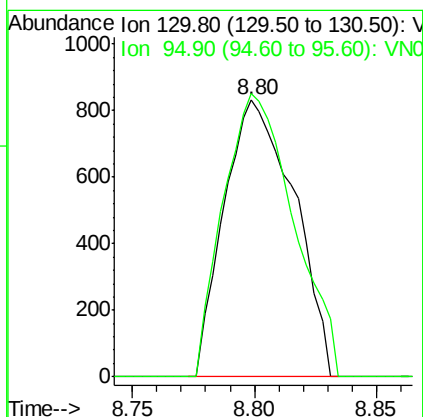
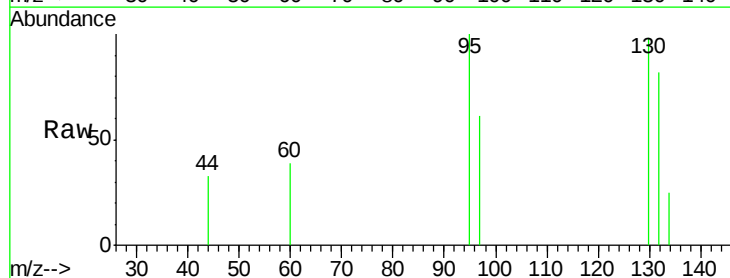
Instrument :
MSVOA_N
ClientSampleId :
S39-0209

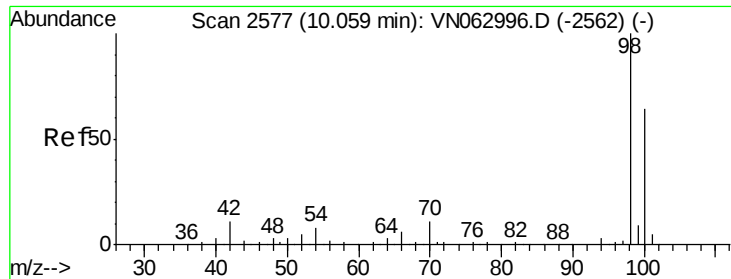
Tot Ion:113 Resp: 82949
Ion Ratio Lower Upper
113 100
111 101.7 81.7 122.5
192 21.7 17.5 26.3



#44
Trichloroethene
Concen: 1.008 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN063061.D
Acq: 21 Aug 2020 2:29

Tgt Ion:130 Resp: 1655
Ion Ratio Lower Upper
130 100
95 102.2 0.0 205.6





#50

Toluene-d8

Concen: 51.374 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063061.D

Acq: 21 Aug 2020 2:29

Instrument :

MSVOA_N

ClientSampleId :

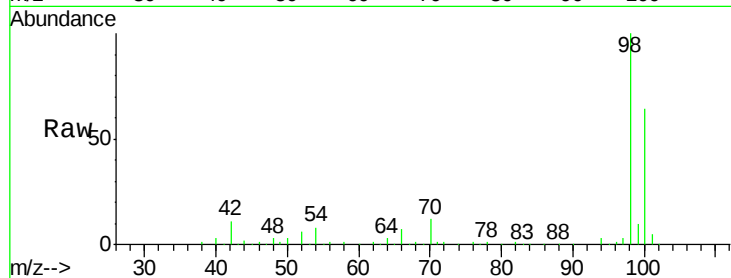
S39-0209

Tot Ion: 98 Resp: 303695

Ion Ratio Lower Upper

98 100

100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

150000

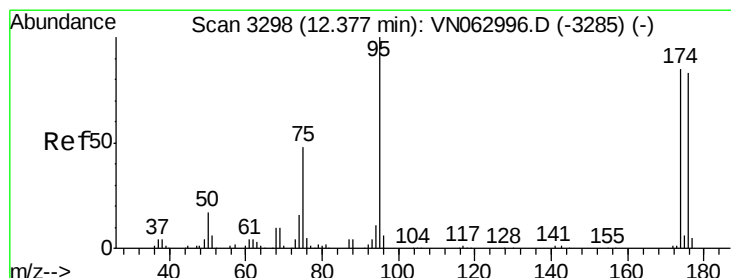
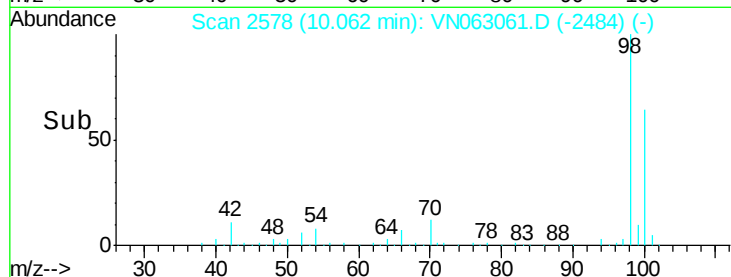
100000

50000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 47.453 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063061.D

Acq: 21 Aug 2020 2:29

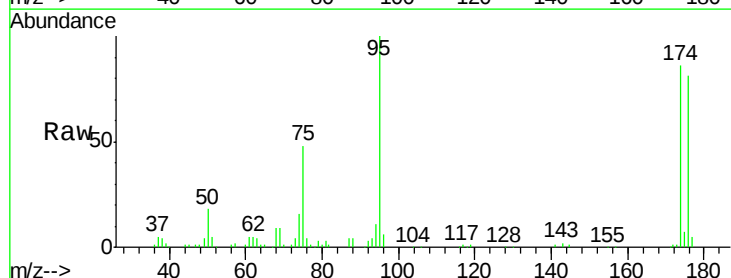
Tgt Ion: 95 Resp: 98989

Ion Ratio Lower Upper

95 100

174 86.9 0.0 170.8

176 83.7 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)

80000

60000

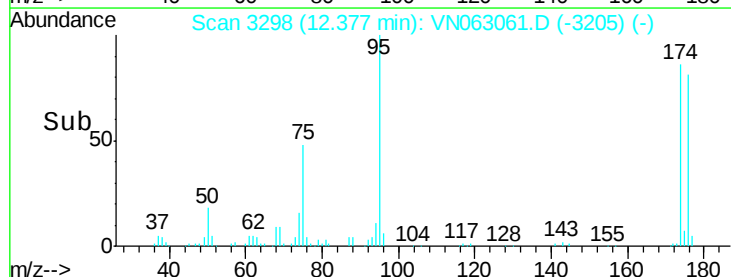
40000

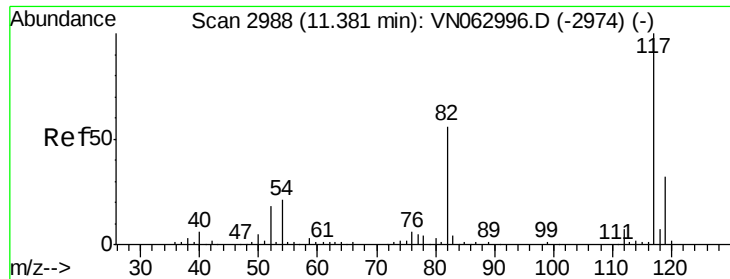
20000

0

Time-->

12.30 12.40





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063061.D

Acq: 21 Aug 2020 2:29

Instrument :

MSVOA_N

ClientSampleId :

S39-0209

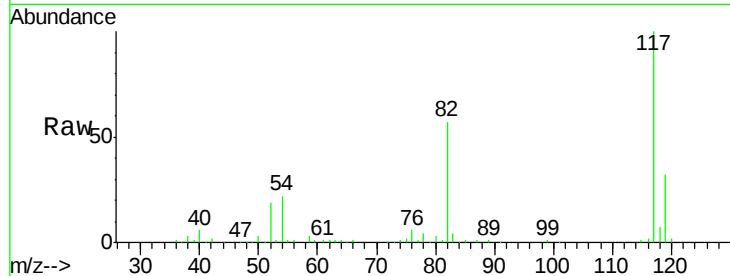
Tot Ion:117 Resp: 239708

Ion Ratio Lower Upper

117 100

82 56.7 44.5 66.7

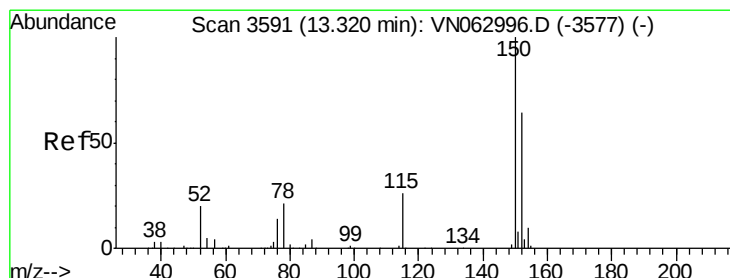
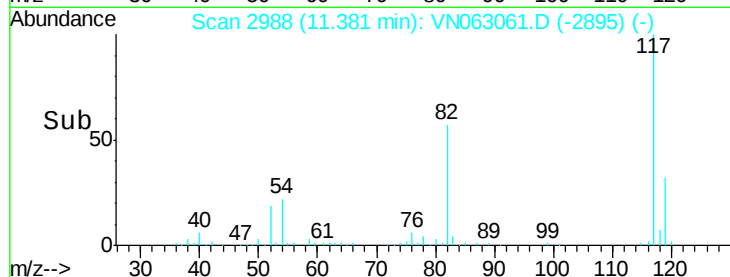
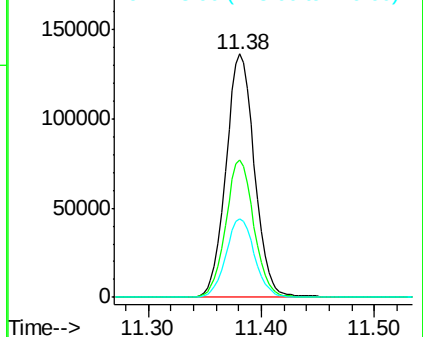
119 32.4 25.5 38.3



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# 3591

Delta R.T. 0.00 min

Lab File: VN063061.D

Acq: 21 Aug 2020 2:29

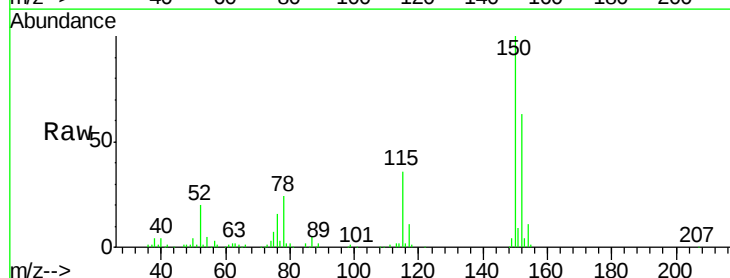
Tgt Ion:152 Resp: 86846

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.3

150 156.7 0.0 348.8



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

