

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062914.D
 Acq On : 13 Aug 2020 16:28
 Operator : JC/MD
 Sample : L3667-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0205

Quant Time: Aug 14 06:11:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

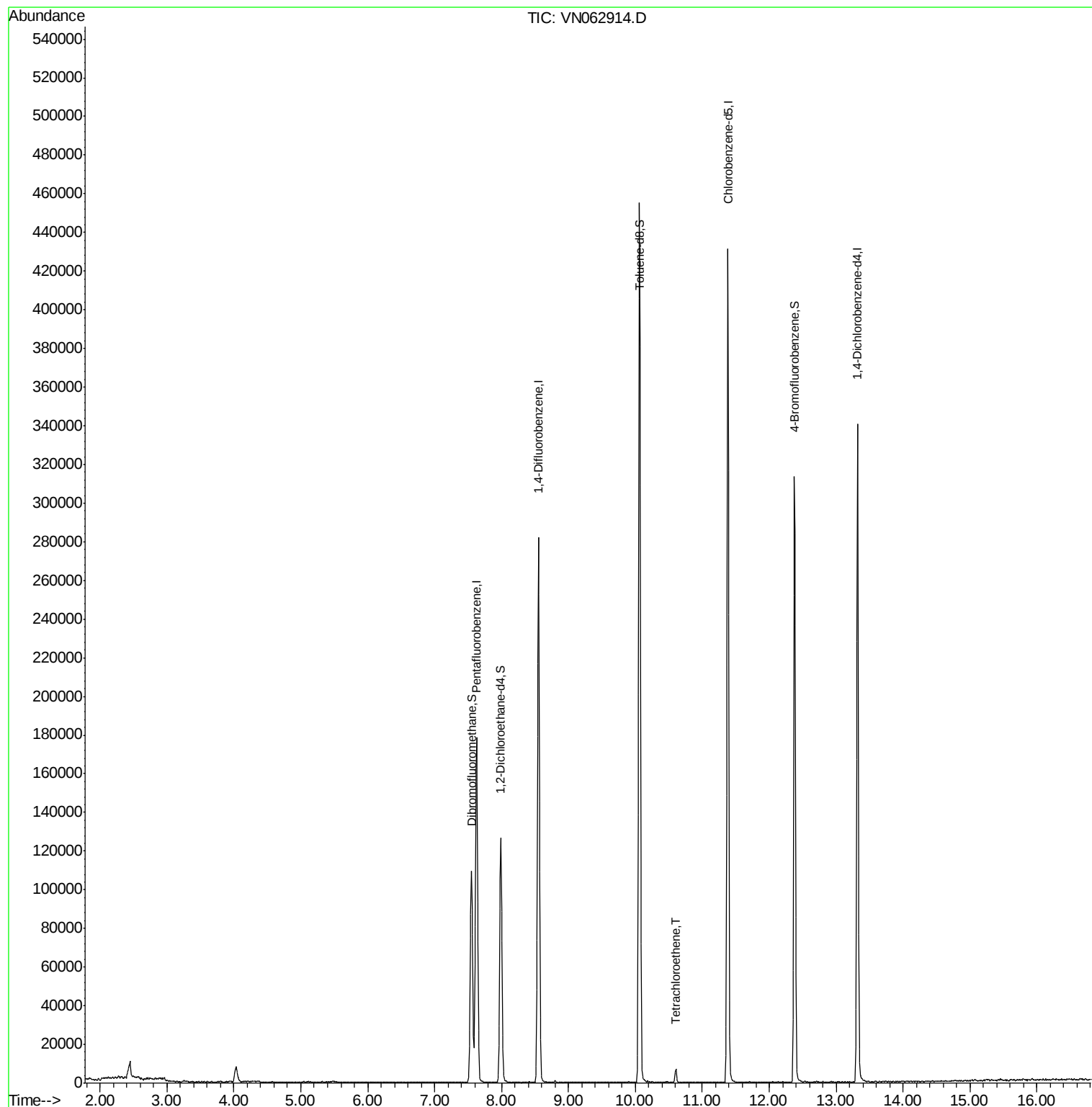
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	138438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	238623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	241221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	115743	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	7.55	113	83941	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
50) Toluene-d8	10.06	98	311158	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.38	95	112775	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
Target Compounds						
64) Tetrachloroethene	10.61	164	1534	0.986	ug/l	Qvalue 93

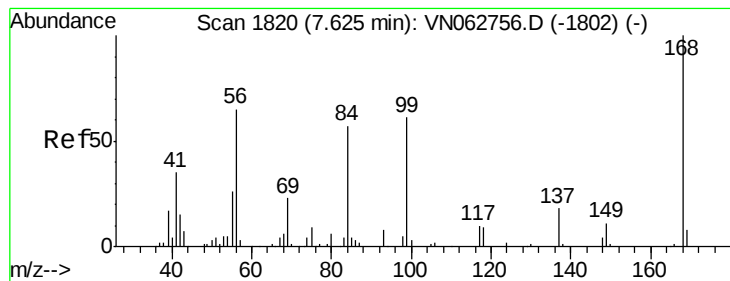
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081320\
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 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: VN062914.D

Acq: 13 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

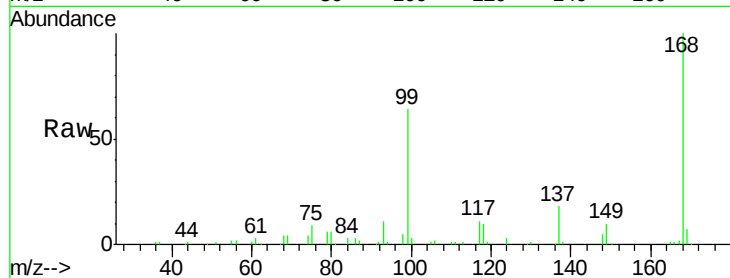
S39-0205

Tot Ion:168 Resp: 138438

Ion Ratio Lower Upper

168 100

99 63.6 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

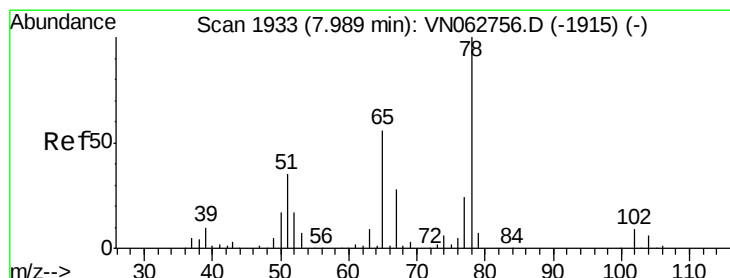
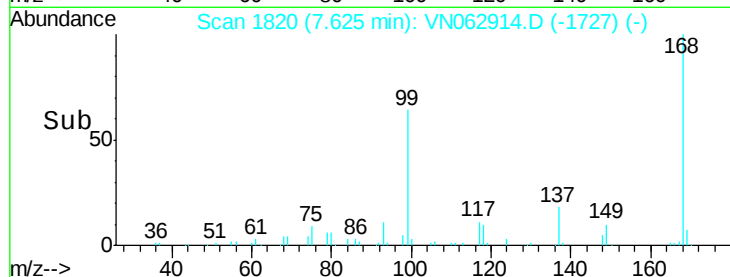
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 50.558 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062914.D

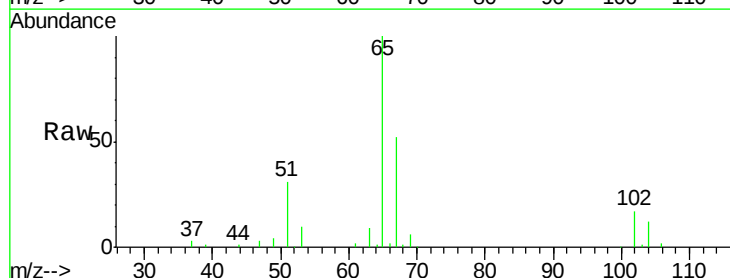
Acq: 13 Aug 2020 16:28

Tgt Ion: 65 Resp: 115743

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): V

Ion 66.90 (66.60 to 67.60): VN

7.99

50000

40000

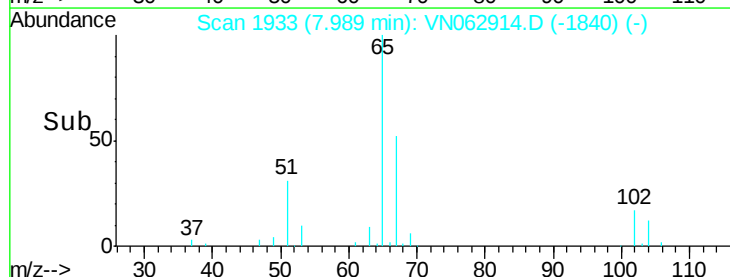
30000

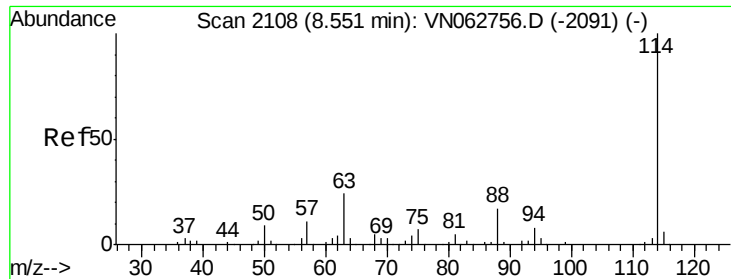
20000

10000

0

Time--> 7.90 8.00 8.10

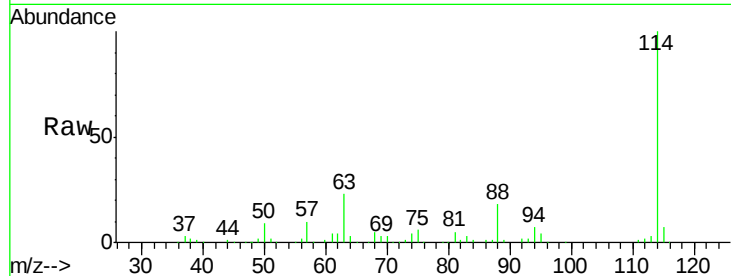




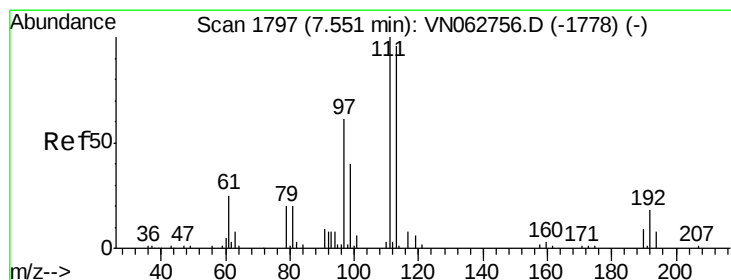
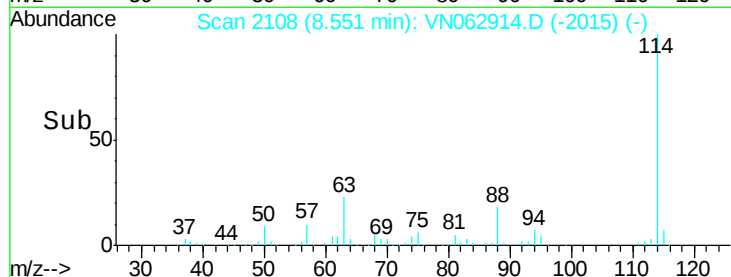
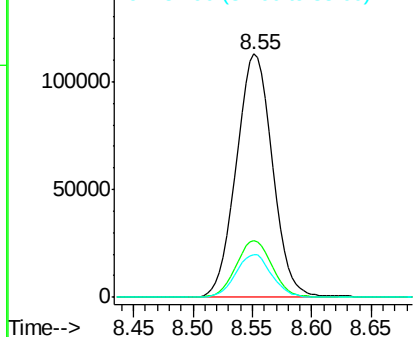
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062914.D
 Acq: 13 Aug 2020 16:28

Instrument :
 MSVOA_N
 ClientSampled :
 S39-0205

Tot Ion:114 Resp: 238623
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 47.6
 88 17.6 0.0 34.4

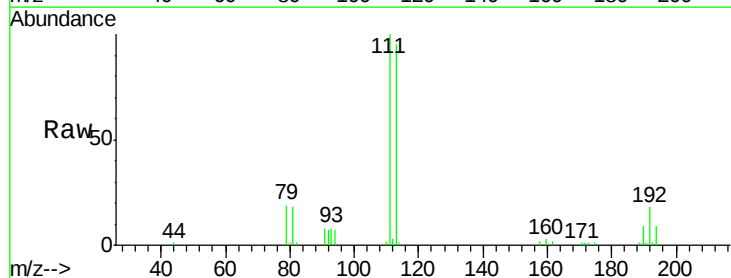


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

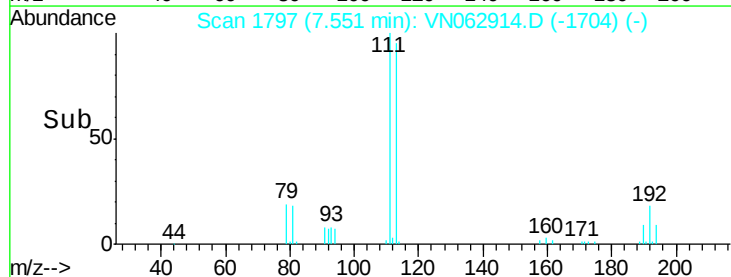
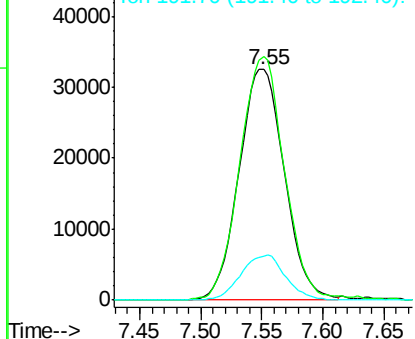


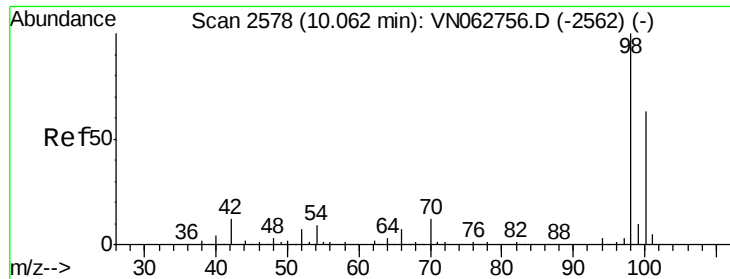
#35
 Dibromofluoromethane
 Concen: 51.424 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062914.D
 Acq: 13 Aug 2020 16:28

Tgt Ion:113 Resp: 83941
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.8 122.6
 192 19.1 15.0 22.4



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: 48.827 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062914.D

Acq: 13 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampled :

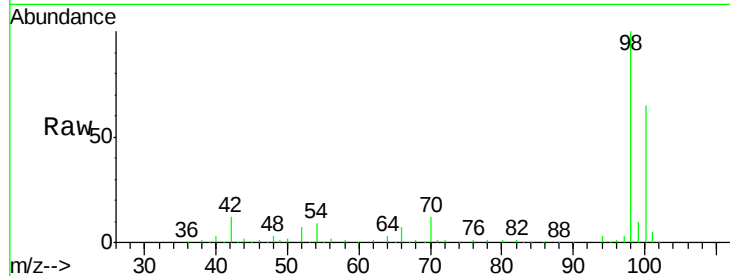
S39-0205

Tot Ion: 98 Resp: 311158

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062914.D (-2485) (-)

10.06

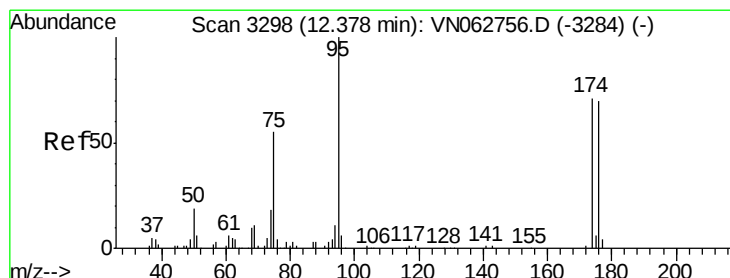
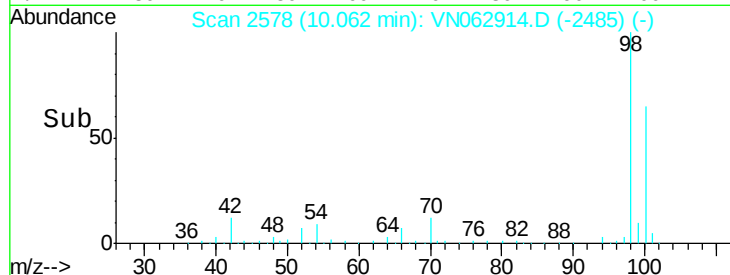
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.829 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062914.D

Acq: 13 Aug 2020 16:28

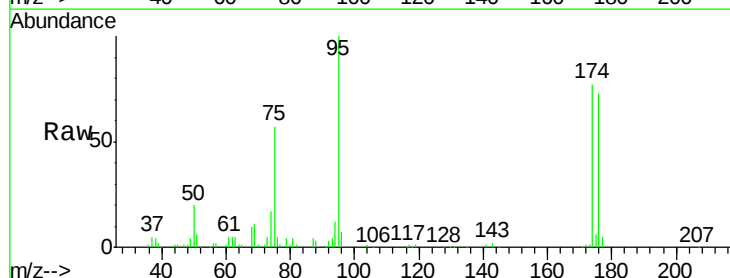
Tgt Ion: 95 Resp: 112775

Ion Ratio Lower Upper

95 100

174 75.5 0.0 144.8

176 73.0 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062914.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062914.D (-3205) (-)

12.38

80000

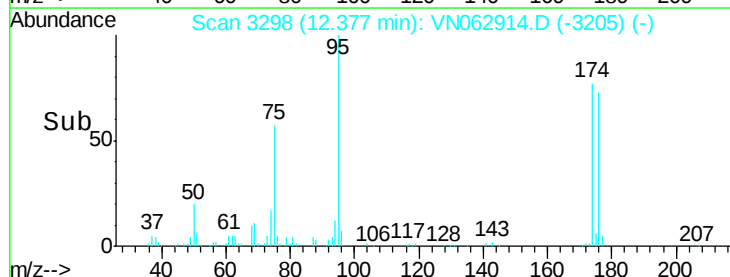
60000

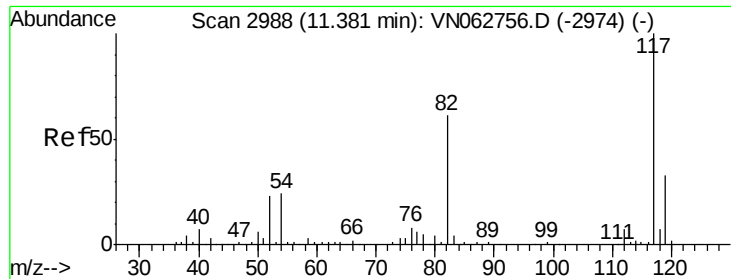
40000

20000

0

Time-->

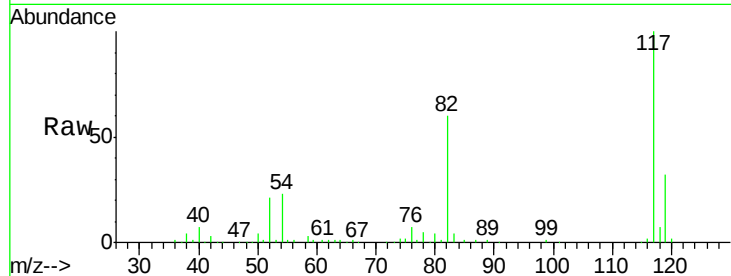




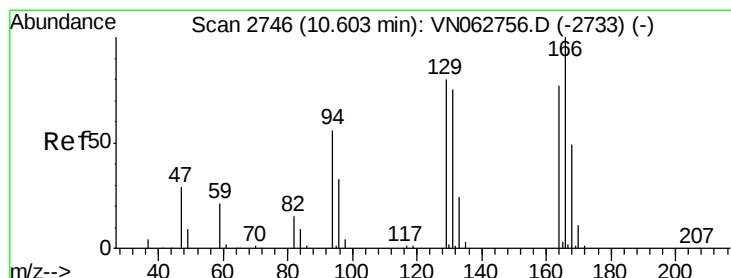
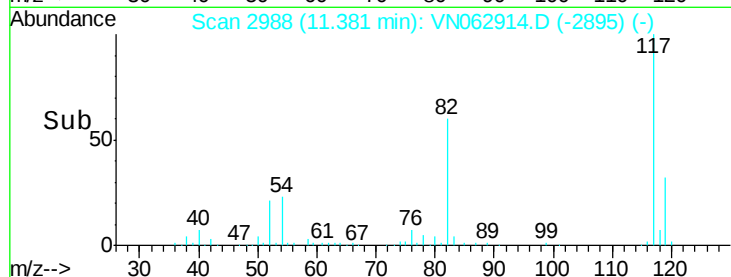
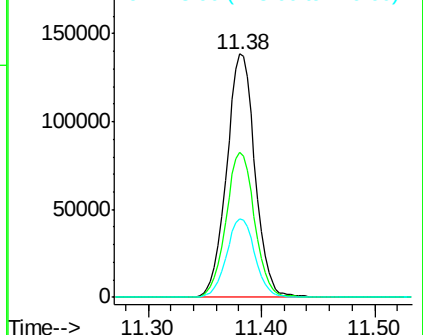
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062914.D
Acq: 13 Aug 2020 16:28

Instrument :
MSVOA_N
ClientSampleId :
S39-0205

Tot Ion:117 Resp: 241221
Ion Ratio Lower Upper
117 100
82 59.6 49.0 73.4
119 32.3 26.2 39.2



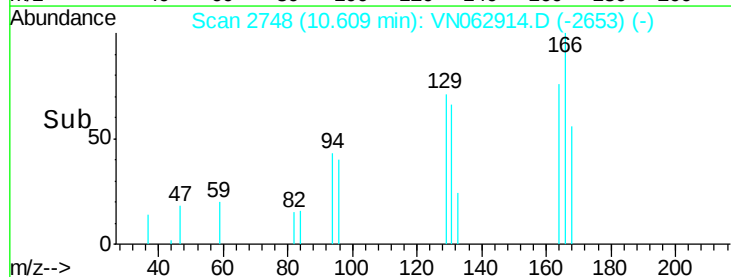
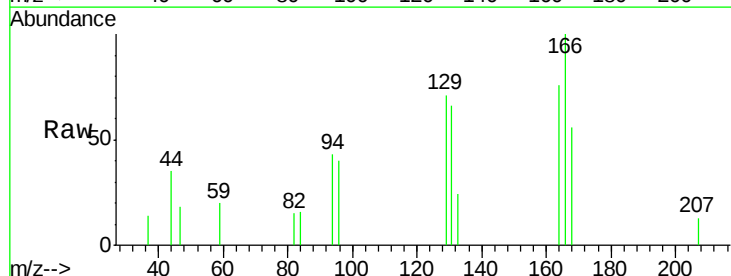
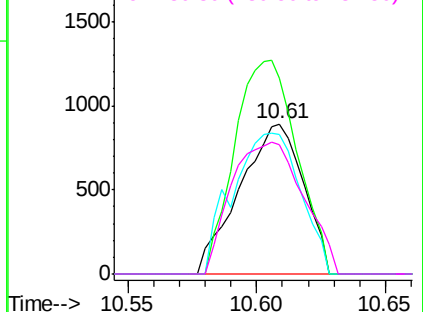
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

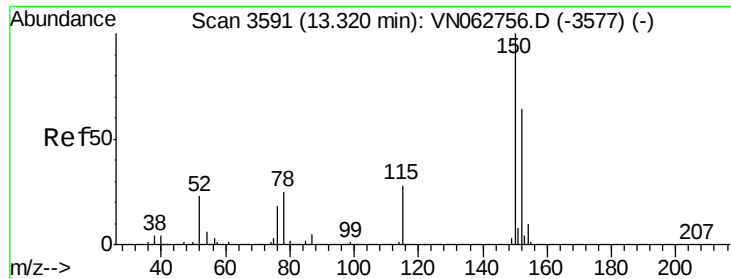


#64
Tetrachloroethene
Concen: 0.986 ug/l
RT: 10.61 min Scan# 2748
Delta R.T. 0.01 min
Lab File: VN062914.D
Acq: 13 Aug 2020 16:28

Tgt Ion:164 Resp: 1534
Ion Ratio Lower Upper
164 100
166 130.9 103.8 155.8
129 93.3 82.7 124.1
131 86.4 78.2 117.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VN062914.D

Acq: 13 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

S39-0205

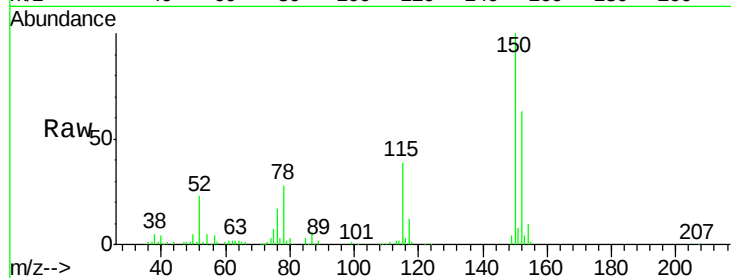
Tot Ion:152 Resp: 88921

Ion Ratio Lower Upper

152 100

115 64.3 31.6 94.8

150 159.3 0.0 349.2



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

