

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN080219\
 Data File : VN057060.D
 Acq On : 2 Aug 2019 12:45
 Operator : JC/SP
 Sample : K4118-23
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ13311-20190731

Quant Time: Aug 14 10:19:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

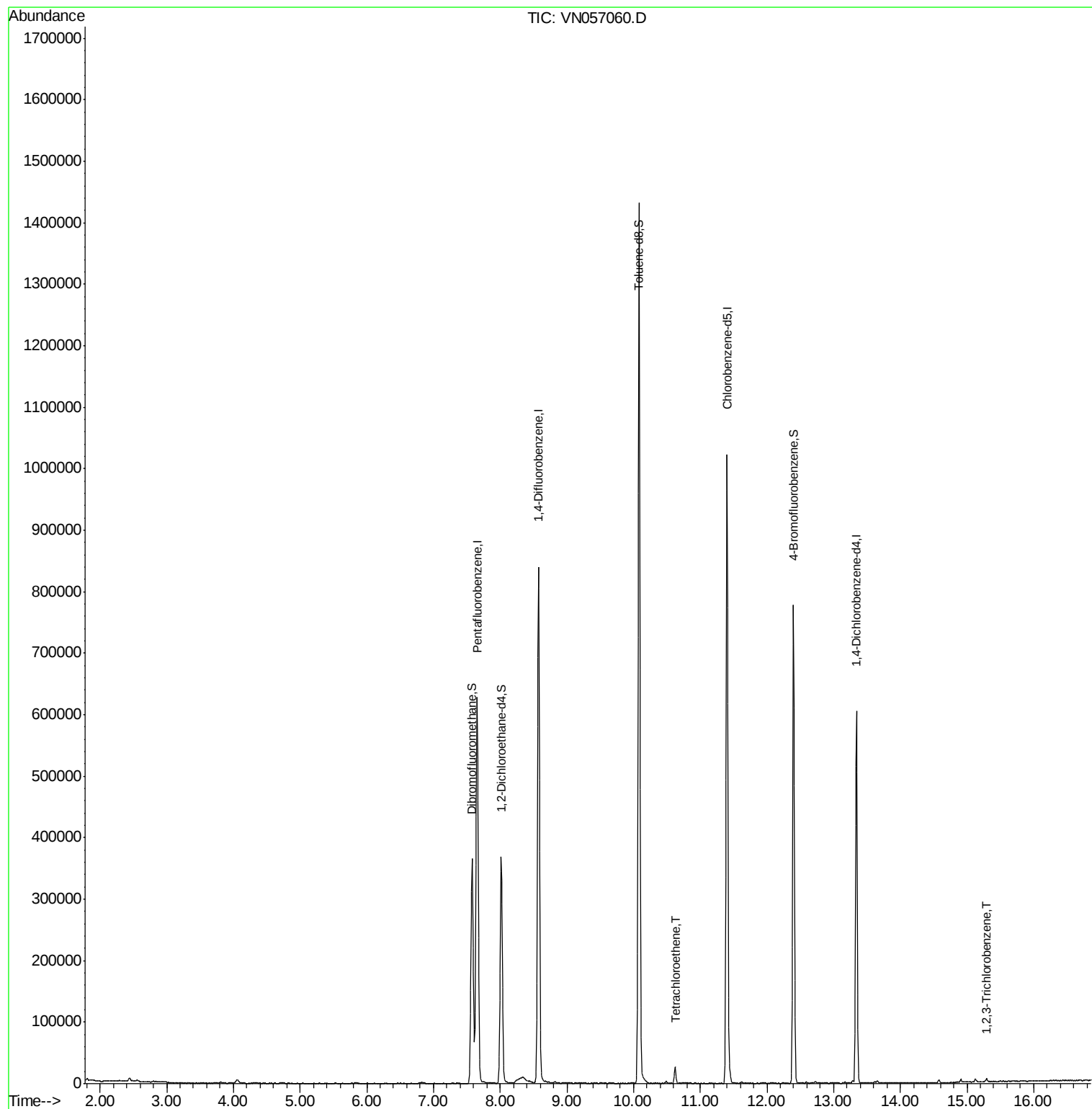
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	563968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	802825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	660415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	314486	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	7.58	113	285446	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.08%	
50) Toluene-d8	10.08	98	1057029	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
62) 4-Bromofluorobenzene	12.40	95	278601	43.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.34%	
Target Compounds						
64) Tetrachloroethene	10.63	164	6691	1.176	ug/l	96
96) 1,2,3-Trichlorobenzene	15.29	180	2563	2.818	ug/l	97

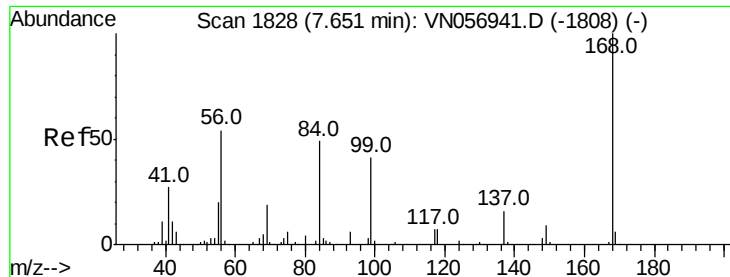
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN080219\
Data File : VN057060.D
Acq On : 2 Aug 2019 12:45
Operator : JC/SP
Sample : K4118-23
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ133I1-20190731

Quant Time: Aug 14 10:19:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057060.D

Acq: 2 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

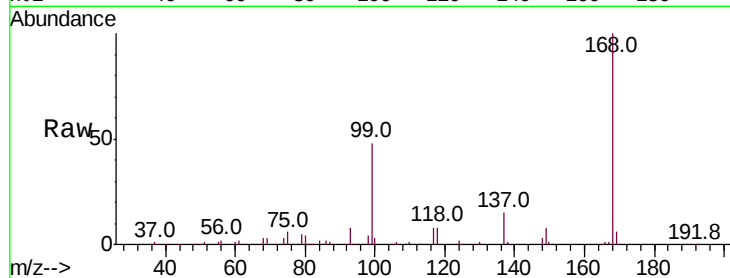
SA-PZ13311-20190731

Tot Ion:168 Resp: 563968

Ion Ratio Lower Upper

168 100

99 47.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)

7.66

250000

200000

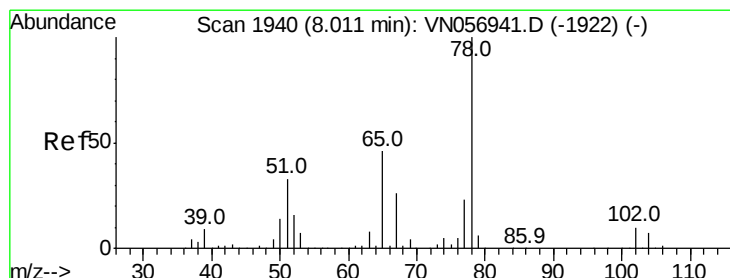
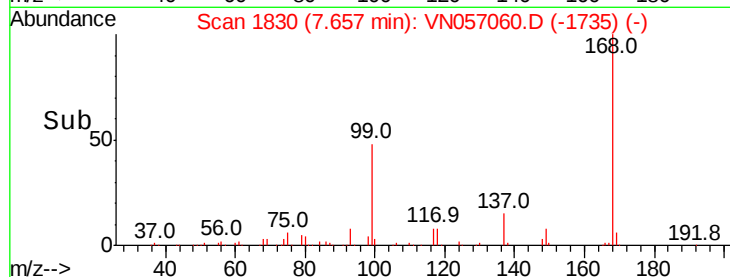
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.475 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057060.D

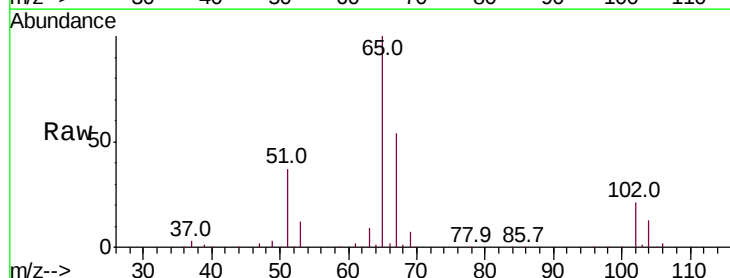
Acq: 2 Aug 2019 12:45

Tgt Ion: 65 Resp: 314486

Ion Ratio Lower Upper

65 100

67 53.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN056941.D (-1922) (-)

Ion 66.90 (66.60 to 67.60): VN056941.D (-1922) (-)

8.01

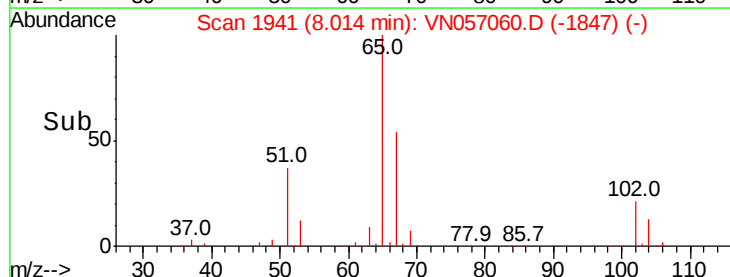
150000

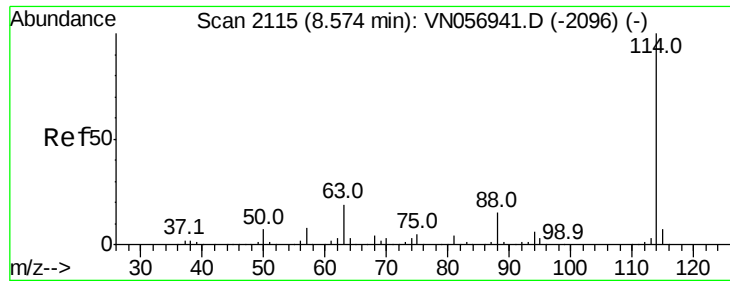
100000

50000

0

Time-->

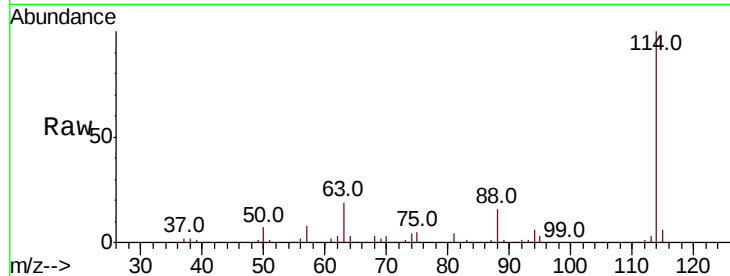




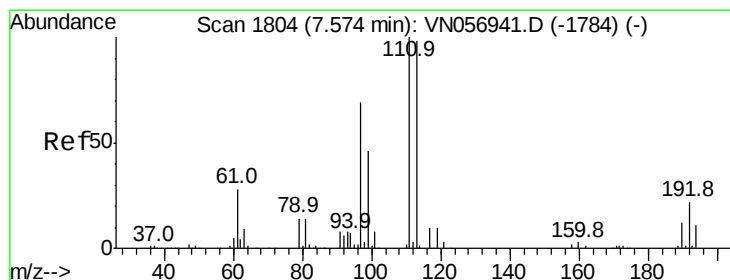
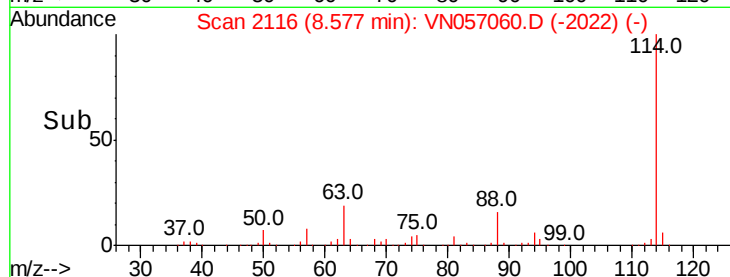
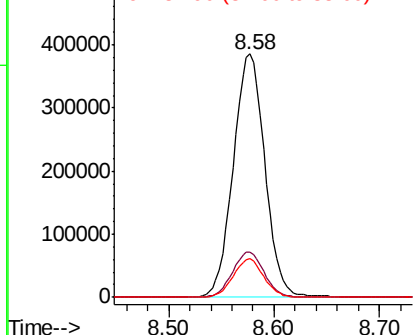
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057060.D
 Acq: 2 Aug 2019 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ13311-20190731

Tot Ion:114 Resp: 802825
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 15.8 0.0 30.0

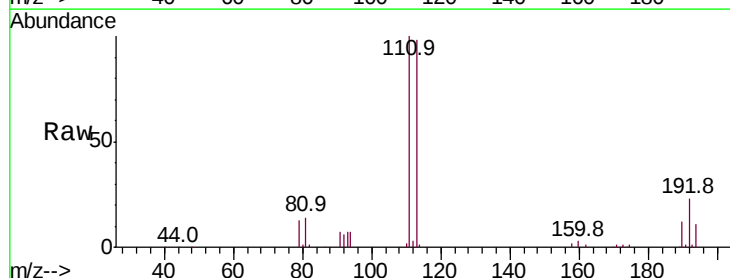


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

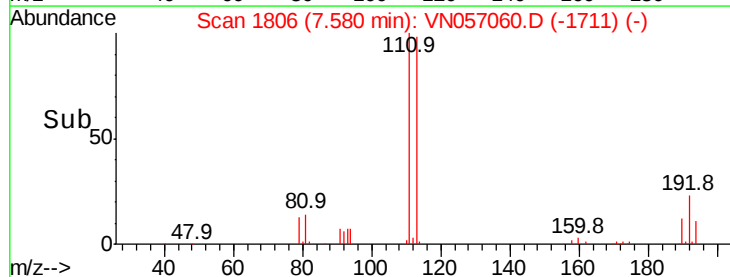
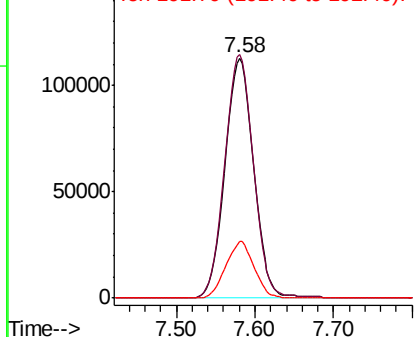


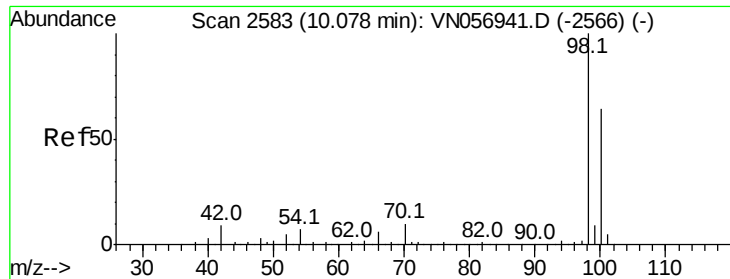
#35
 Dibromofluoromethane
 Concen: 55.541 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057060.D
 Acq: 2 Aug 2019 12:45

Tgt Ion:113 Resp: 285446
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.0 123.0
 192 23.2 18.4 27.6



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: 53.933 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057060.D

Acq: 2 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

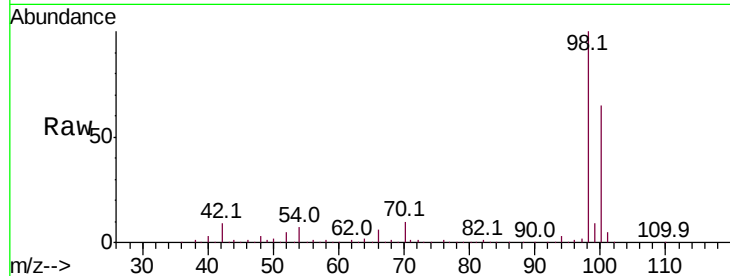
SA-PZ13311-20190731

Tot Ion: 98 Resp: 1057029

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

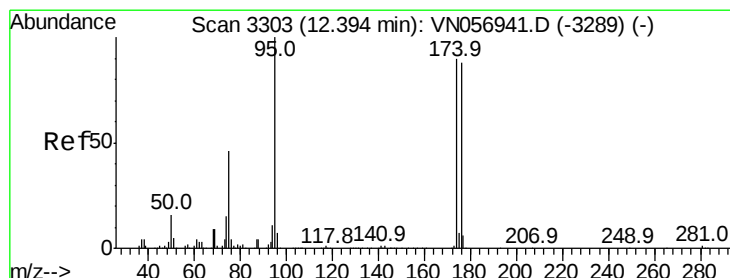
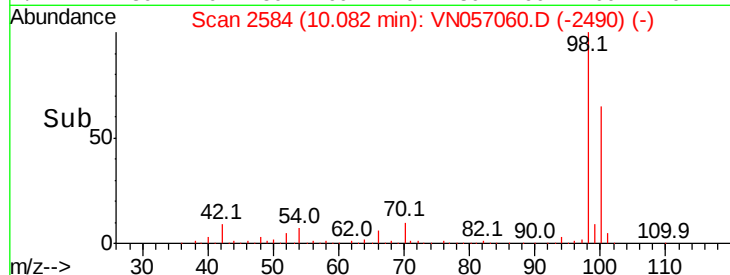
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.665 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057060.D

Acq: 2 Aug 2019 12:45

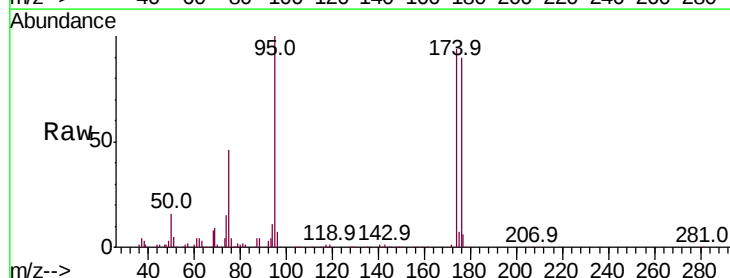
Tgt Ion: 95 Resp: 278601

Ion Ratio Lower Upper

95 100

174 94.5 0.0 182.2

176 91.9 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

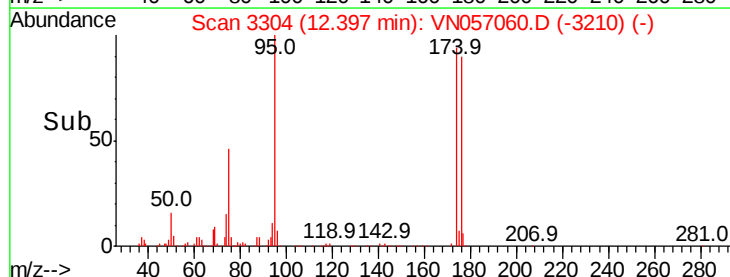
150000

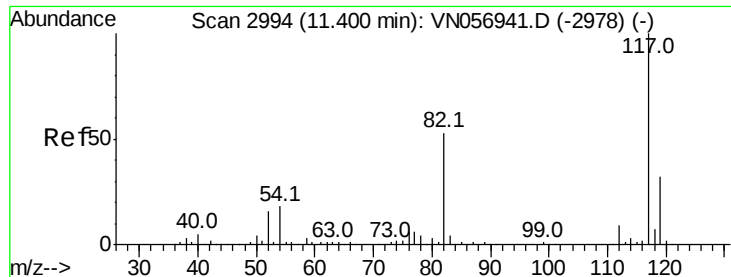
100000

50000

0

Time-->

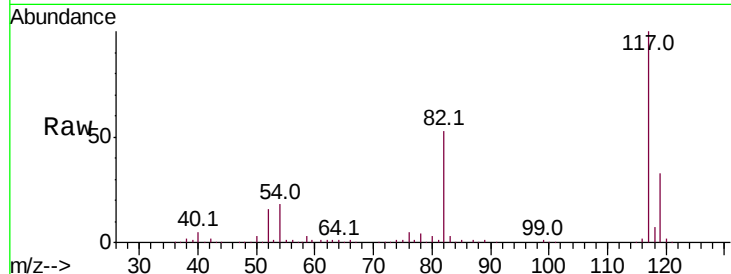




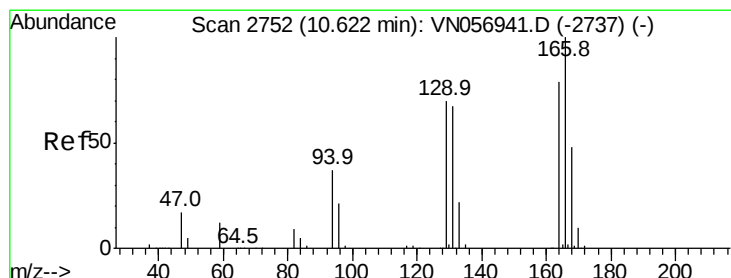
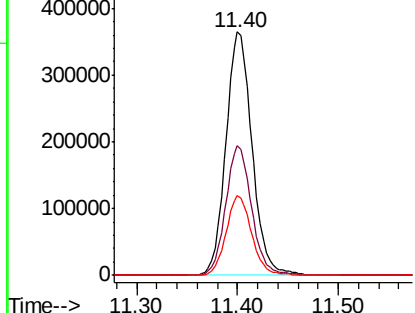
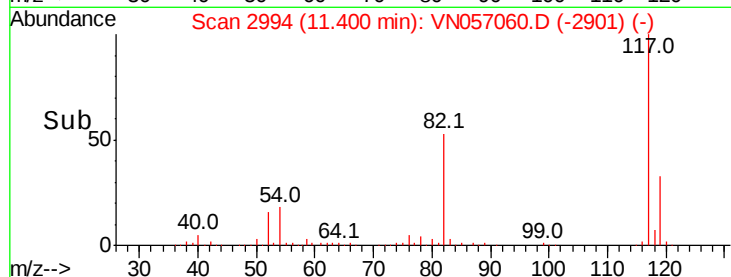
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057060.D
Acq: 2 Aug 2019 12:45

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ13311-20190731

Tot Ion:117 Resp: 660415
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 32.5 25.8 38.6

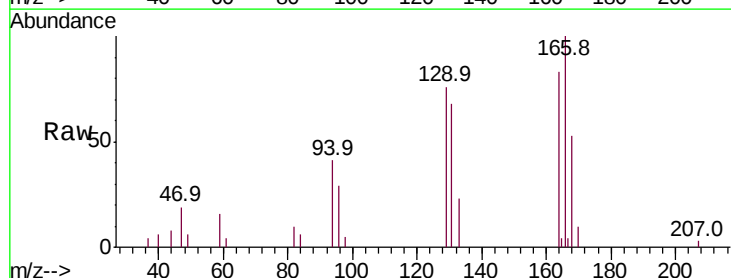


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

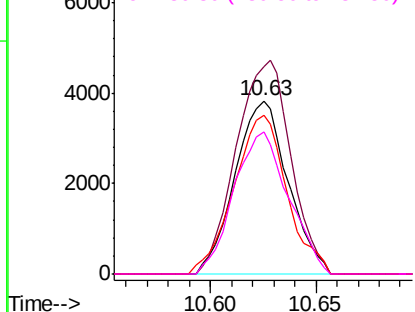
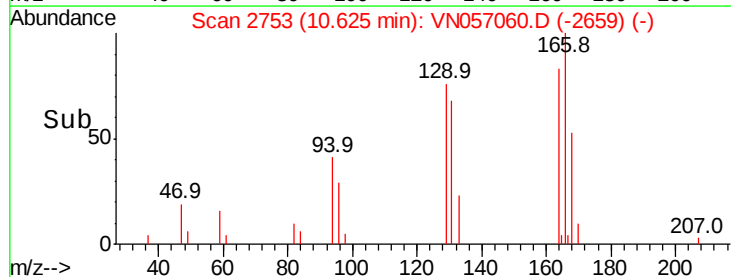


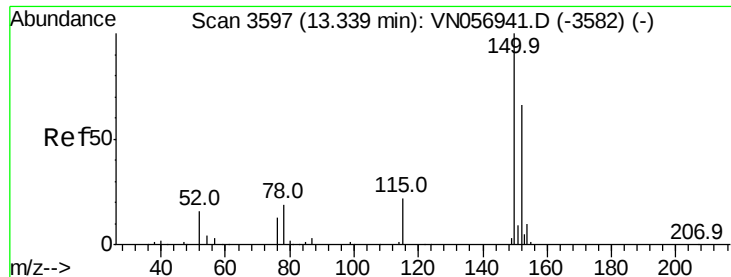
#64
Tetrachloroethene
Concen: 1.176 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN057060.D
Acq: 2 Aug 2019 12:45

Tgt Ion:164 Resp: 6691
Ion Ratio Lower Upper
164 100
166 120.1 101.1 151.7
129 91.7 70.9 106.3
131 81.9 67.7 101.5



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057060.D

Acq: 2 Aug 2019 12:45

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ13311-20190731

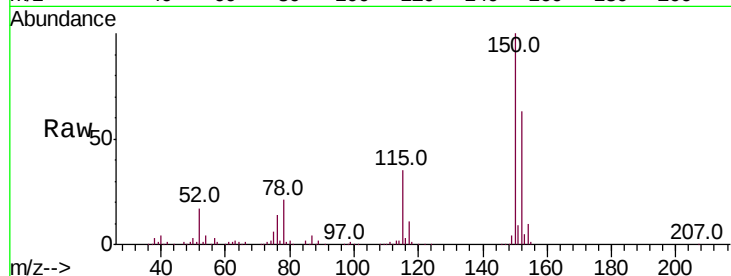
Tot Ion:152 Resp: 181725

Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.6

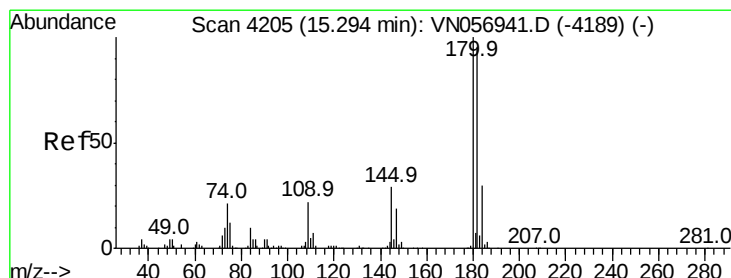
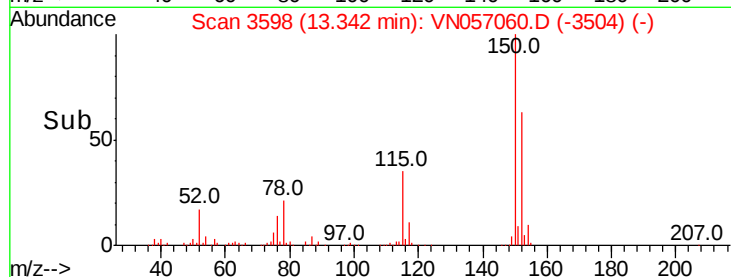
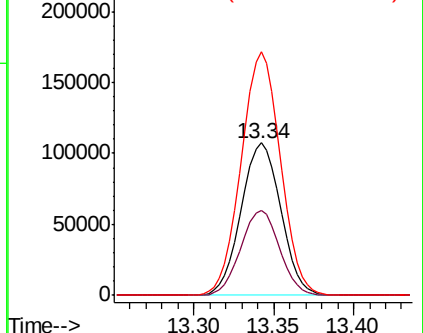
150 158.0 0.0 349.4



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



#96

1,2,3-Trichlorobenzene

Concen: 2.818 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN057060.D

Acq: 2 Aug 2019 12:45

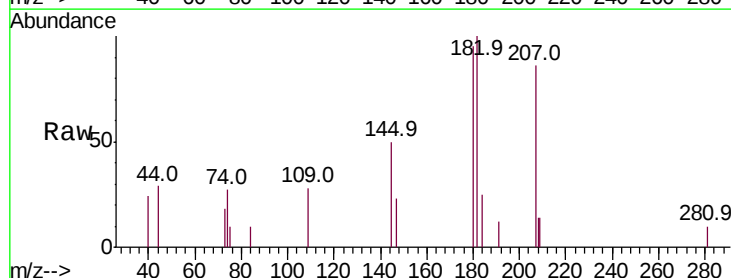
Tgt Ion:180 Resp: 2563

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.2

145 36.0 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

