

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058441.D
 Acq On : 30 Sep 2019 17:24
 Operator : JC/SP
 Sample : K5080-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ172I-20190925

Quant Time: Oct 01 08:37:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

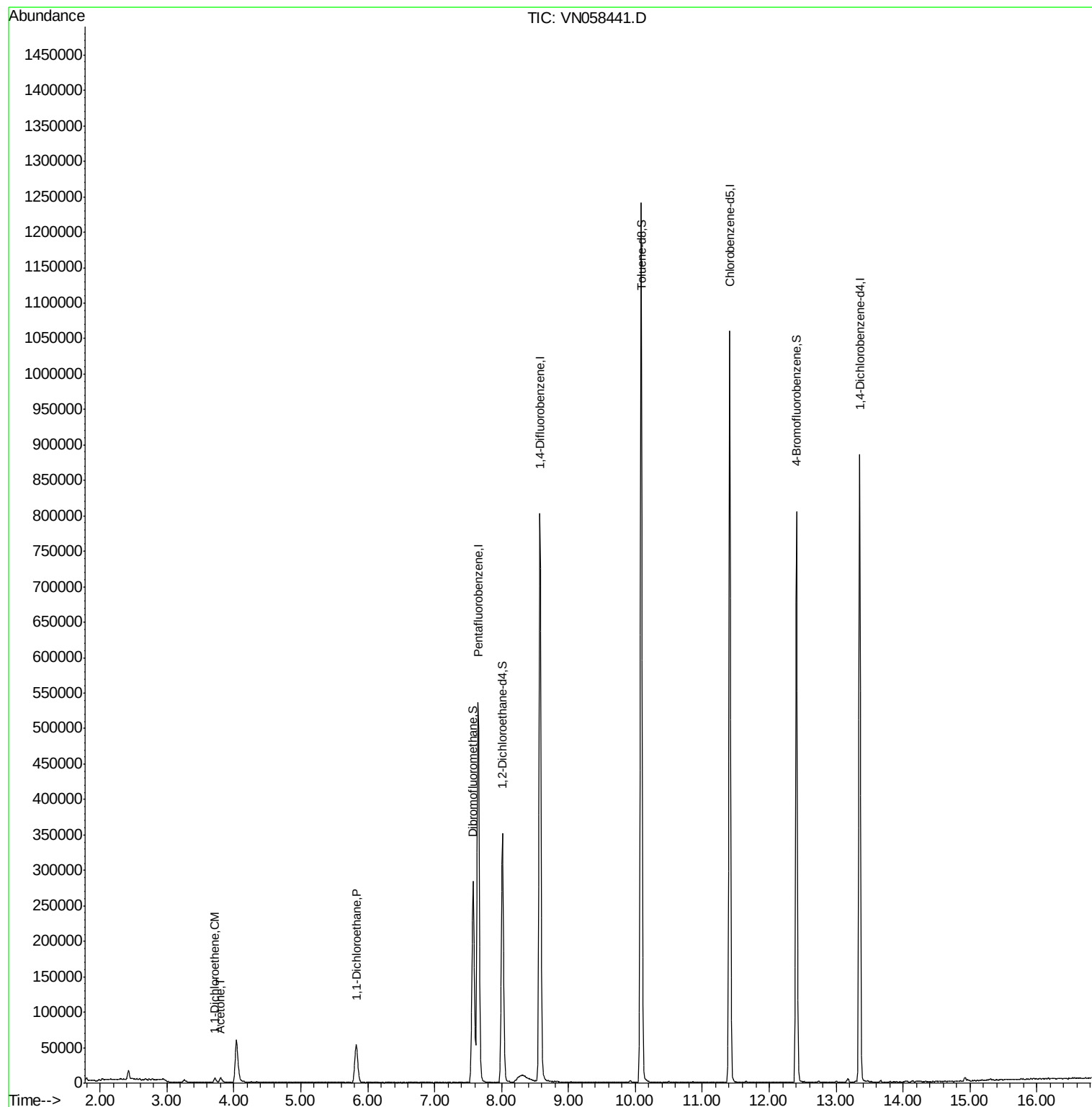
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	420400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	690732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	582295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	309510	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
35) Dibromofluoromethane	7.58	113	214512	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.09	98	859240	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.41	95	268711	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
12) 1,1-Dichloroethene	3.72	96	3117	0.786	ug/l	98
16) Acetone	3.80	43	12430	5.935	ug/l	98
24) 1,1-Dichloroethane	5.83	63	82040	9.386	ug/l	99

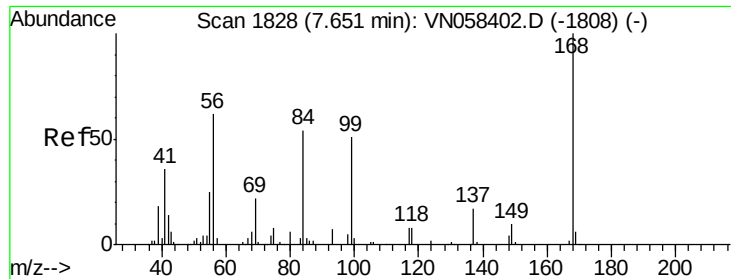
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058441.D

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MSVOA_N

ClientSampleId :

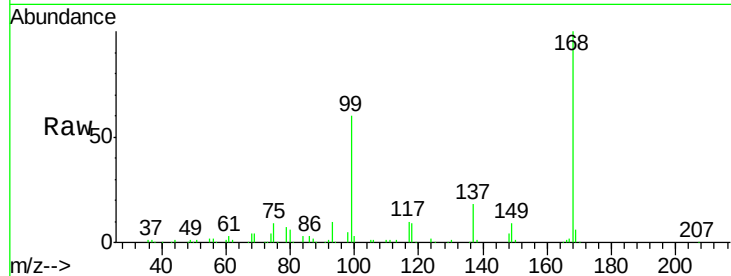
SA-PZ172I-20190925

Tot Ion:168 Resp: 420400

Ion Ratio Lower Upper

168 100

99 60.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

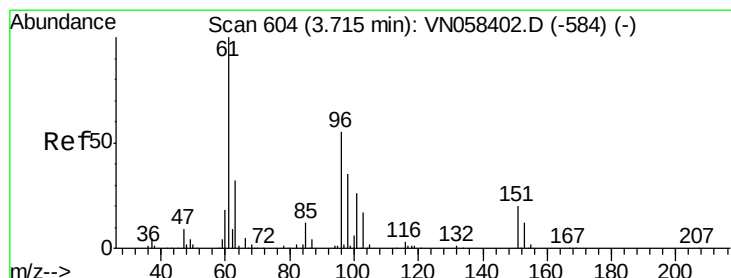
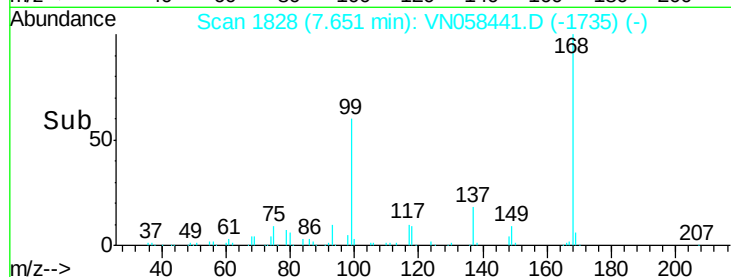
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#12

1,1-Dichloroethene

Concen: 0.786 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN058441.D

Acq: 30 Sep 2019 17:24

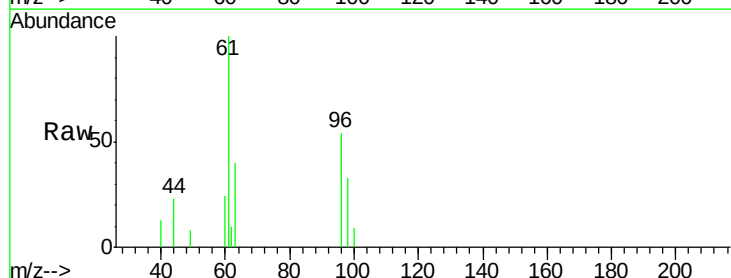
Tgt Ion: 96 Resp: 3117

Ion Ratio Lower Upper

96 100

61 185.4 146.7 220.1

98 61.1 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

3000

2500

2000

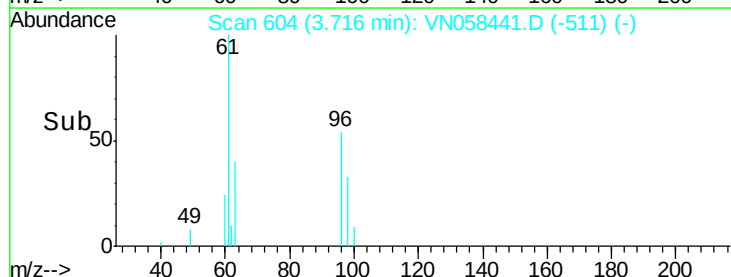
1500

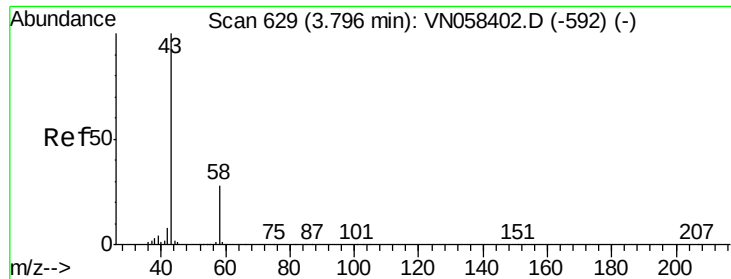
1000

500

0

Time--> 3.65 3.70 3.75





#16

Acetone

Concen: 5.935 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058441.D

Acq: 30 Sep 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

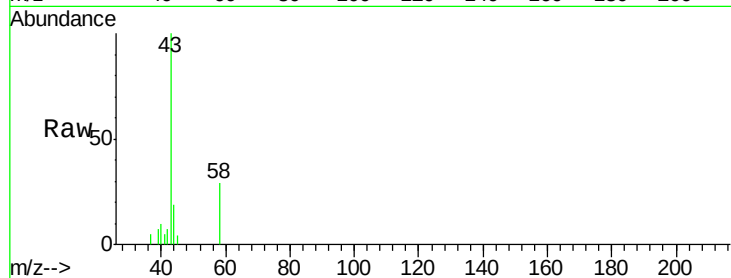
SA-PZ172I-20190925

Tot Ion: 43 Resp: 12430

Ion Ratio Lower Upper

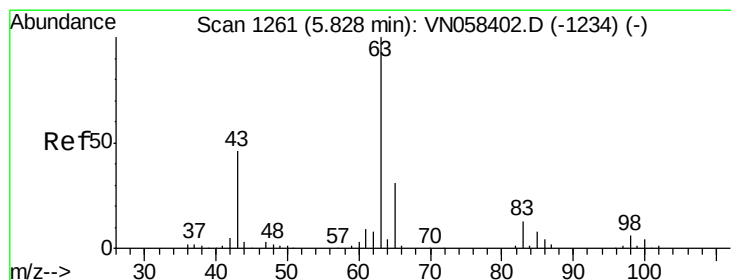
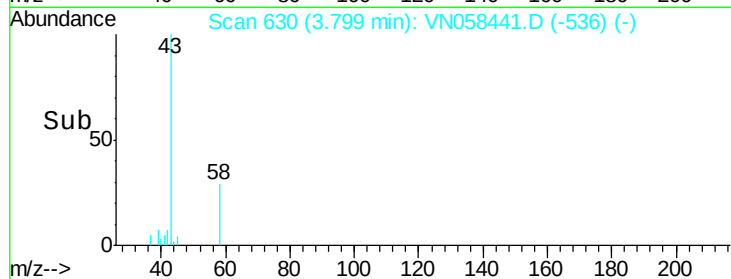
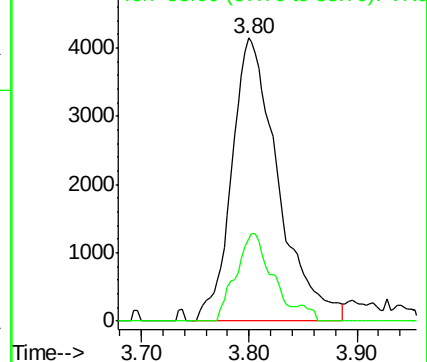
43 100

58 29.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#24

1,1-Dichloroethane

Concen: 9.386 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN058441.D

Acq: 30 Sep 2019 17:24

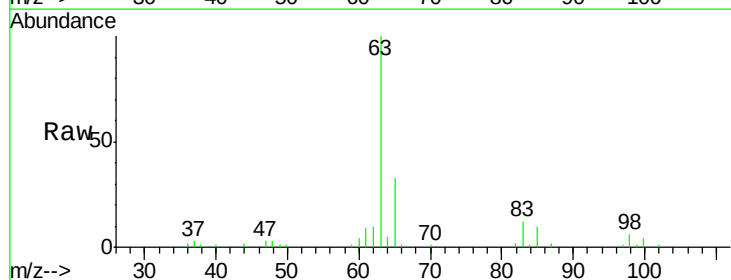
Tgt Ion: 63 Resp: 82040

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.0

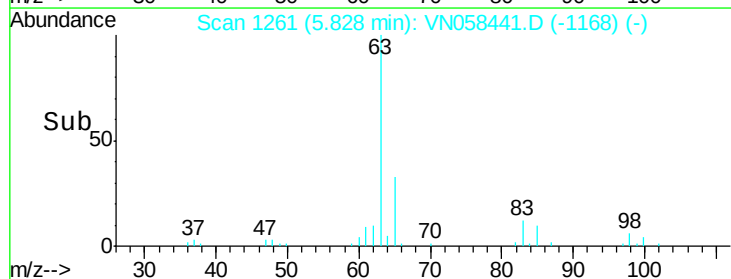
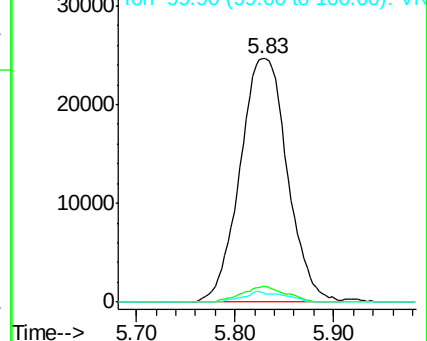
100 4.0 2.0 5.8

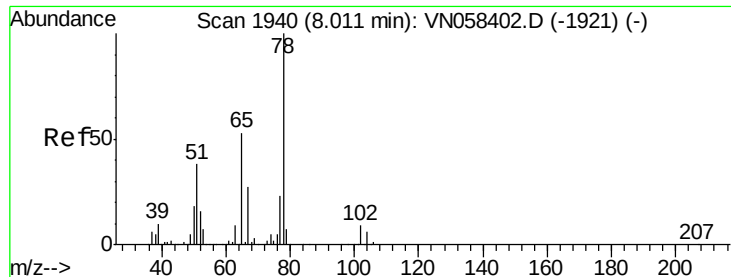


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

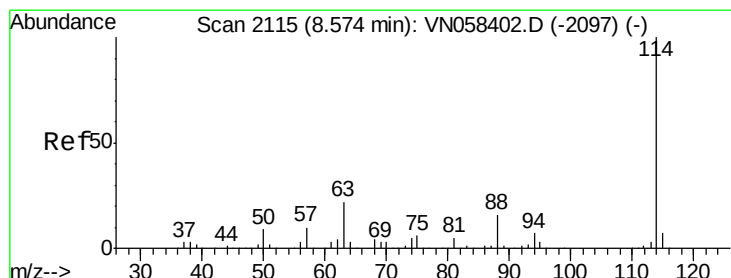
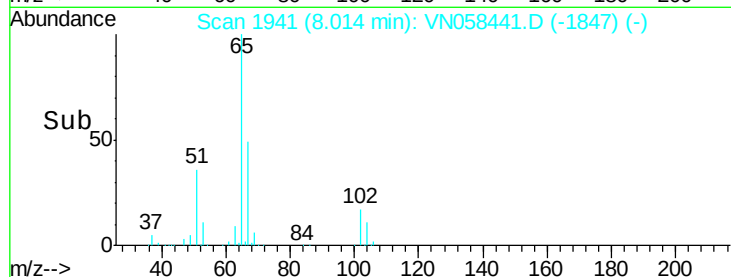
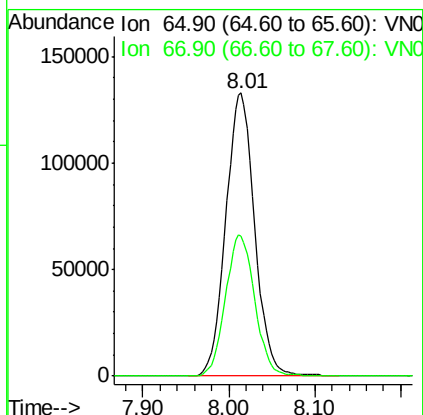
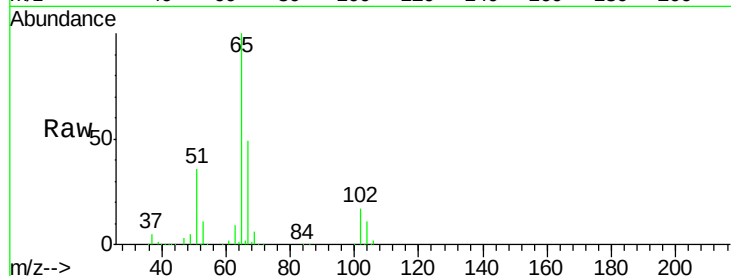




#33
 1,2-Dichloroethane-d4
 Concen: 50.380 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058441.D
 Acq: 30 Sep 2019 17:24

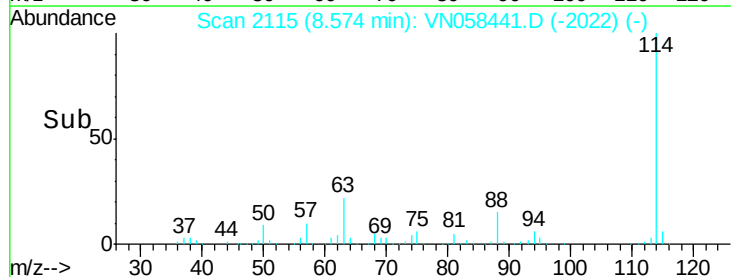
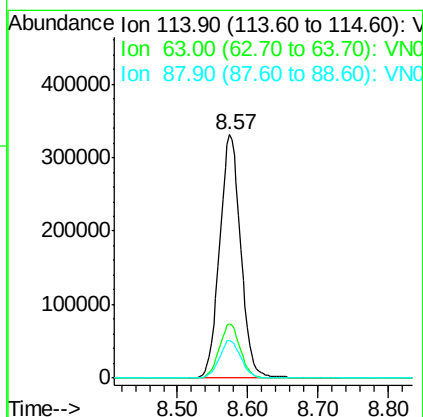
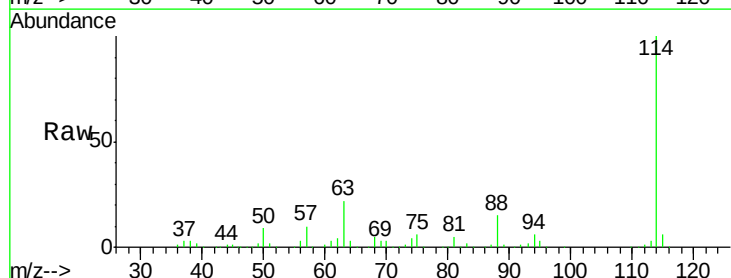
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ172I-20190925

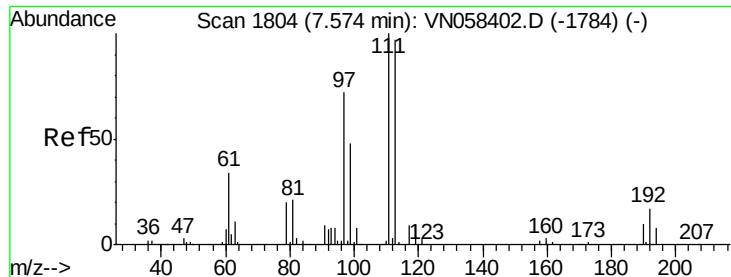
Tot Ion: 65 Resp: 309510
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058441.D
 Acq: 30 Sep 2019 17:24

Tgt Ion: 114 Resp: 690732
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.0
 88 15.5 0.0 32.2

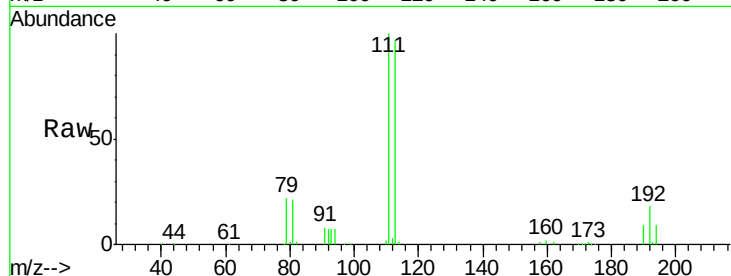




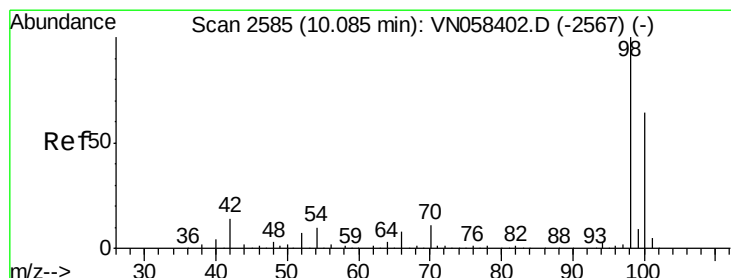
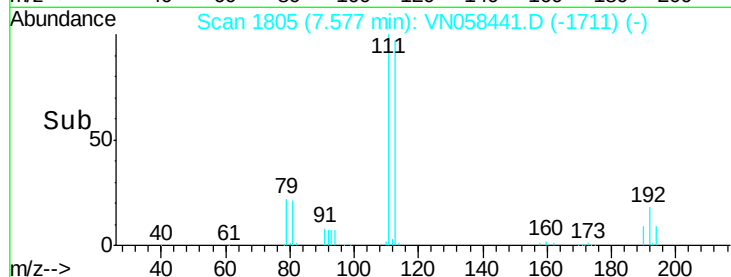
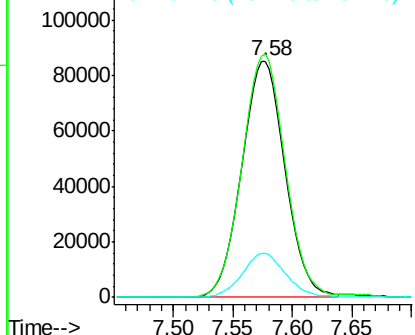
#35
Dibromofluoromethane
Concen: 50.671 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058441.D
Acq: 30 Sep 2019 17:24

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20190925

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	18.7	14.9	22.3

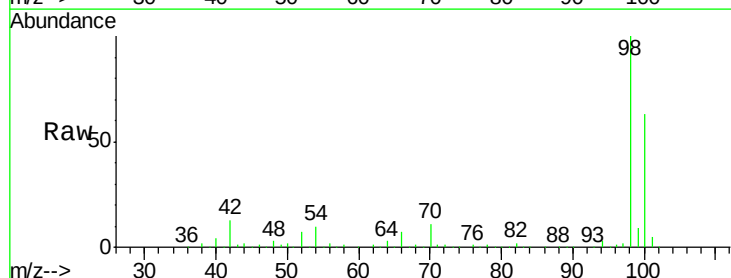


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

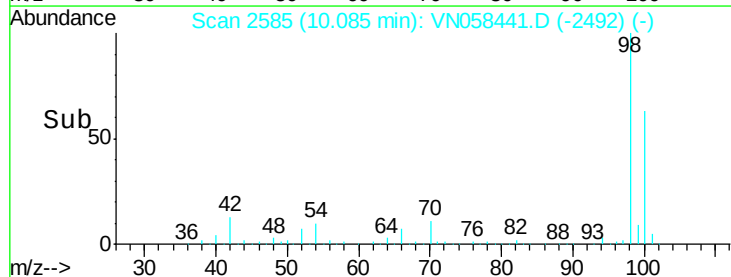
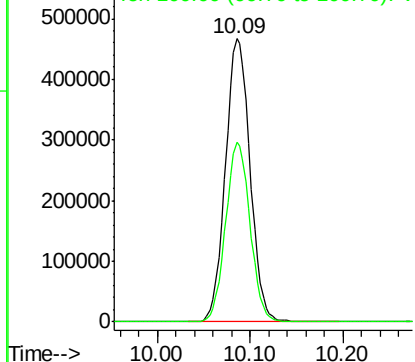


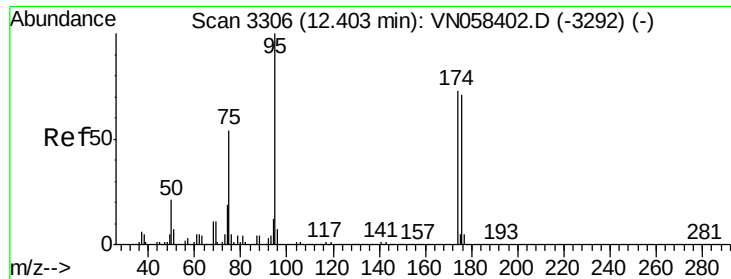
#50
Toluene-d8
Concen: 51.811 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058441.D
Acq: 30 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.0	76.6



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.811 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058441.D

Acq: 30 Sep 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ172I-20190925

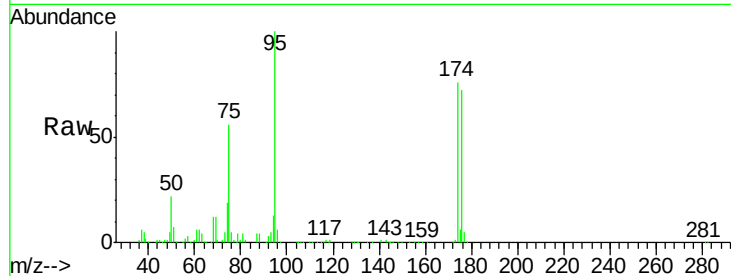
Tot Ion: 95 Resp: 268711

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.6

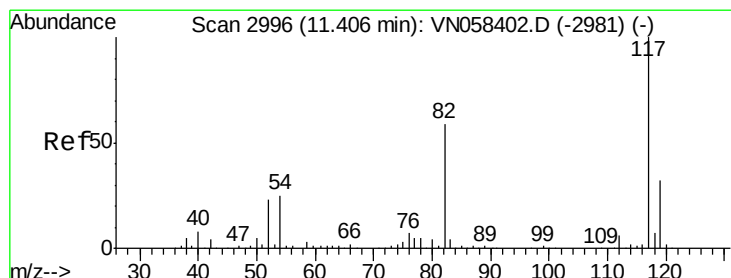
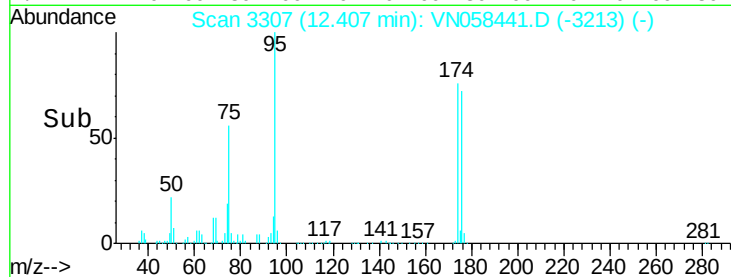
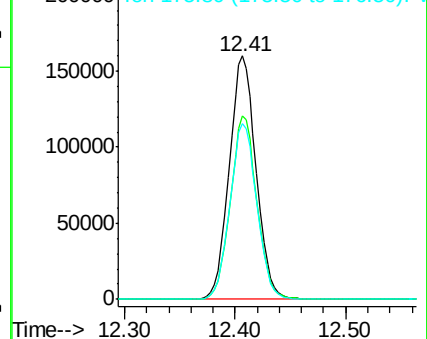
176 72.5 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058441.D

Acq: 30 Sep 2019 17:24

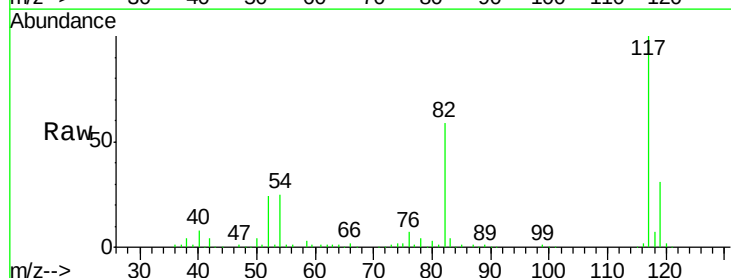
Tgt Ion: 117 Resp: 582295

Ion Ratio Lower Upper

117 100

82 58.6 47.4 71.0

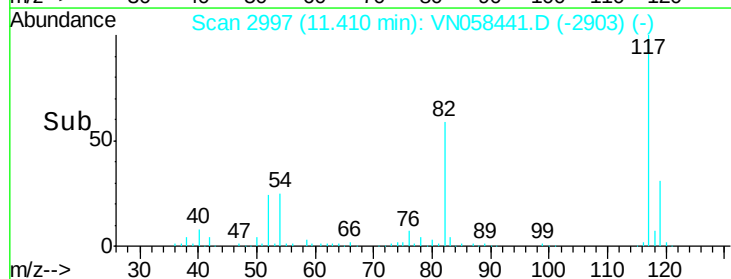
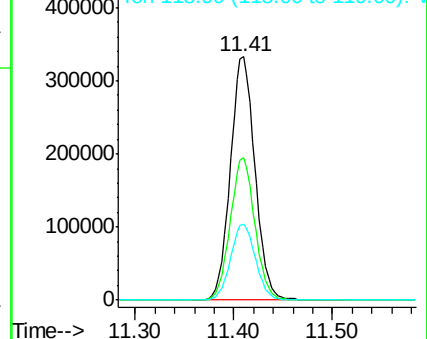
119 31.1 25.5 38.3

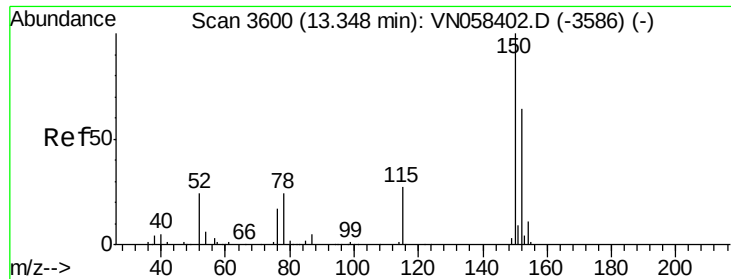


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058441.D

Acq: 30 Sep 2019 17:24

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ172I-20190925

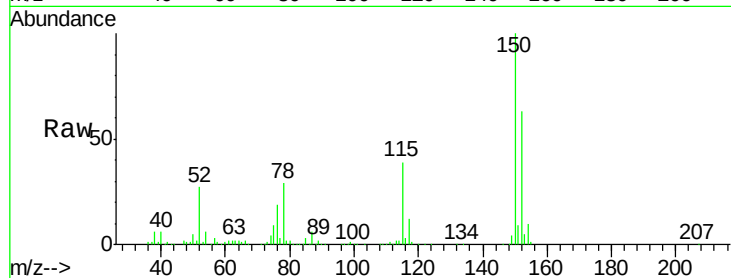
Tot Ion:152 Resp: 221952

Ion Ratio Lower Upper

152 100

115 61.8 30.0 90.0

150 159.7 0.0 348.2



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

