

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102619\
 Data File : VN058977.D
 Acq On : 25 Oct 2019 11:26
 Operator : JC/SP
 Sample : K5542-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EQUIPMENT-BLANK-102419

Quant Time: Oct 25 23:36:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

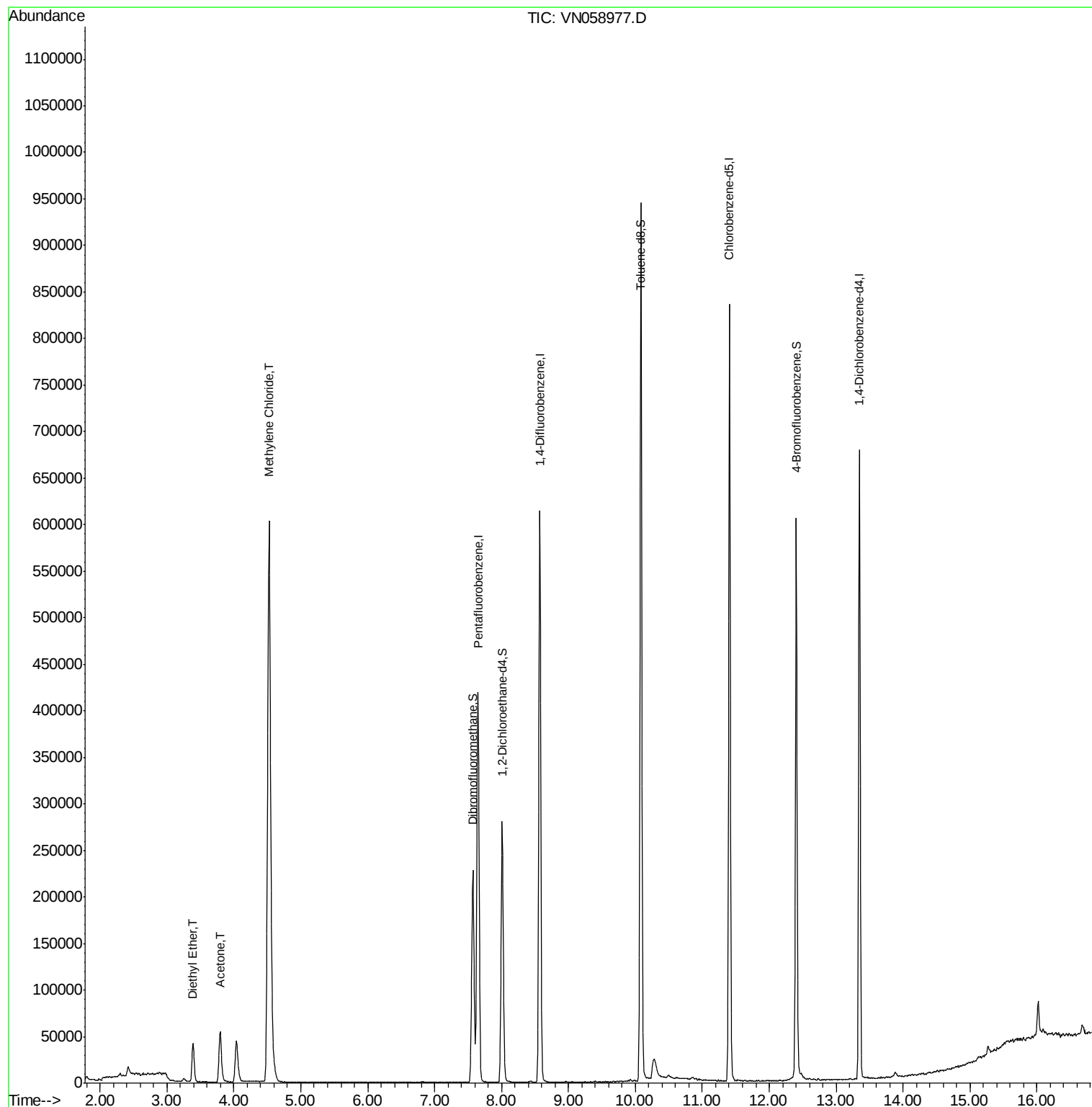
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	327298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	518941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	469903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	174536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	243449	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
35) Dibromofluoromethane	7.57	113	175252	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
50) Toluene-d8	10.08	98	646847	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.40	95	205866	42.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.66%	
Target Compounds						
8) Diethyl Ether	3.39	74	19684	9.174	ug/l	98
16) Acetone	3.79	43	95314	40.182	ug/l	98
20) Methylene Chloride	4.53	84	463953	114.547	ug/l	99

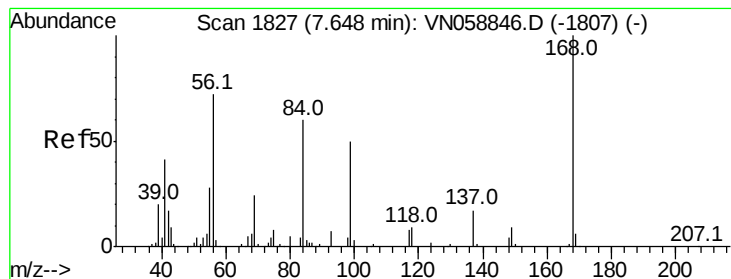
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058977.D

Acq: 25 Oct 2019 11:26

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ClientSampleId :

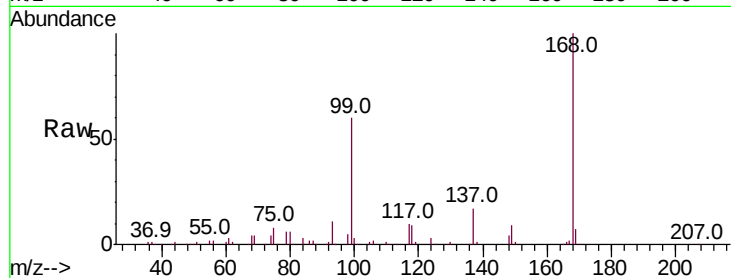
EQUIPMENT-BLANK-102419

Tot Ion:168 Resp: 327298

Ion Ratio Lower Upper

168 100

99 60.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

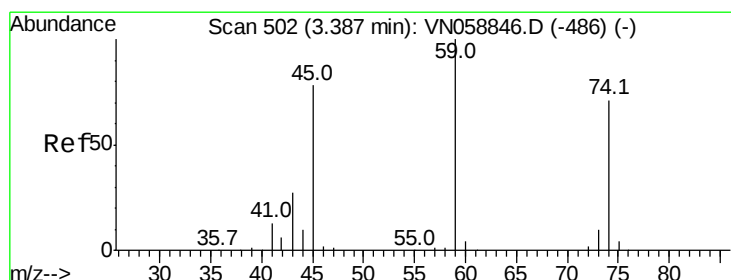
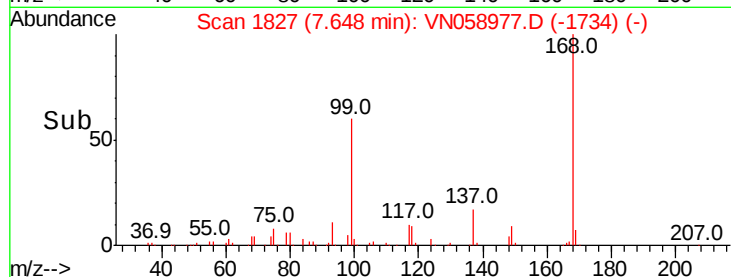
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 9.174 ug/l

RT: 3.39 min Scan# 503

Delta R.T. 0.00 min

Lab File: VN058977.D

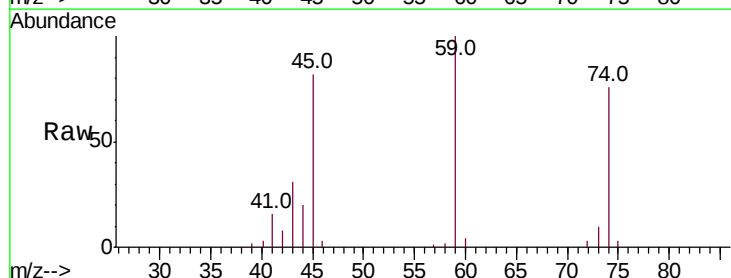
Acq: 25 Oct 2019 11:26

Tgt Ion: 74 Resp: 19684

Ion Ratio Lower Upper

74 100

45 111.5 54.9 164.5



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.39

10000

8000

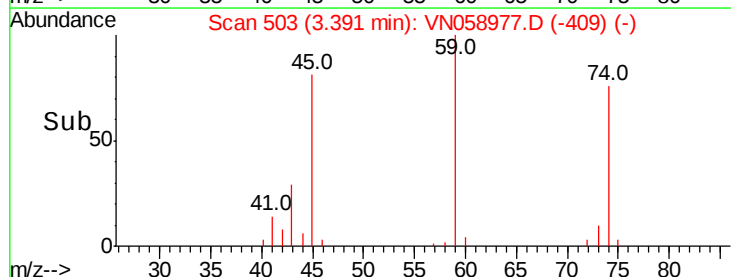
6000

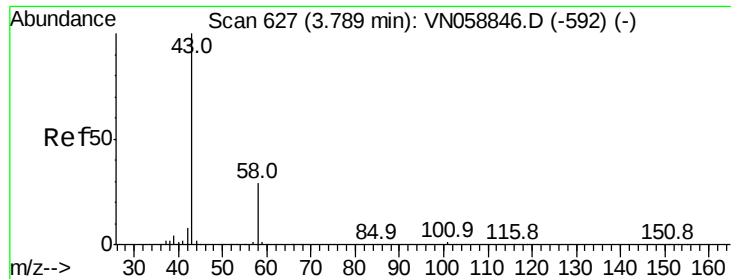
4000

2000

0

Time-->





#16

Acetone

Concen: 40.182 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN058977.D

Acq: 25 Oct 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

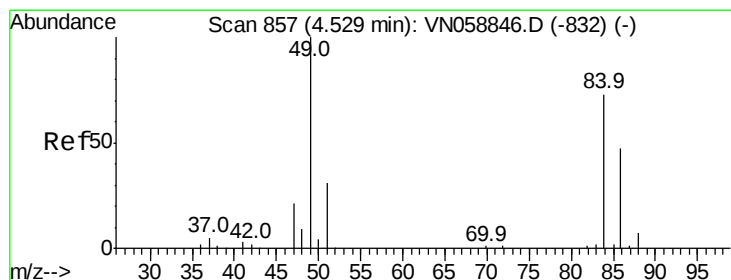
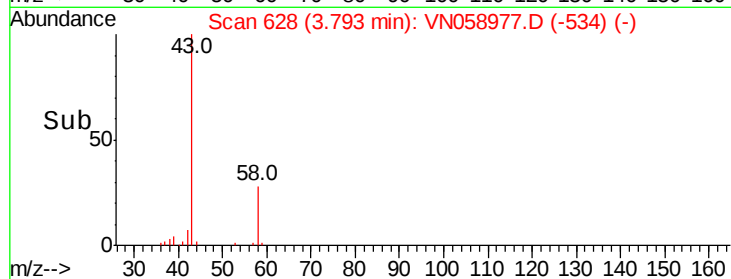
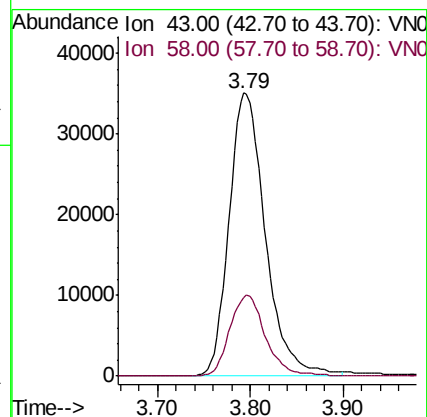
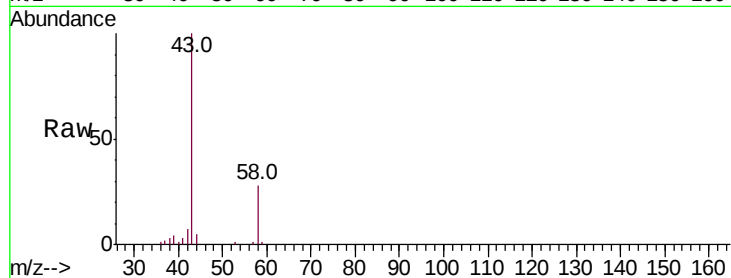
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Tot Ion: 43 Resp: 95314

Ion Ratio Lower Upper

43 100

58 27.9 23.1 34.7



#20

Methylene Chloride

Concen: 114.547 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN058977.D

Acq: 25 Oct 2019 11:26

Tgt Ion: 84 Resp: 463953

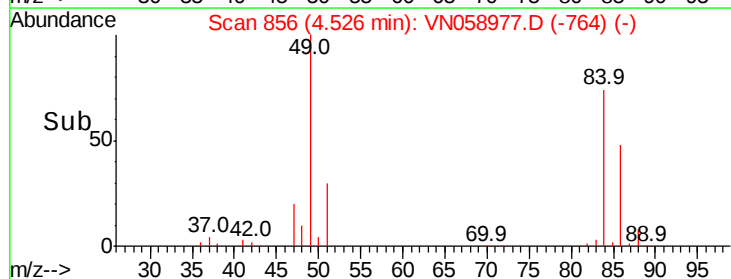
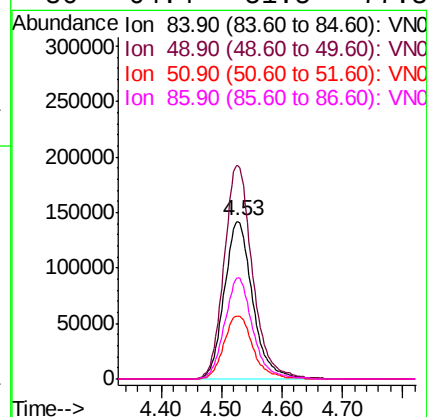
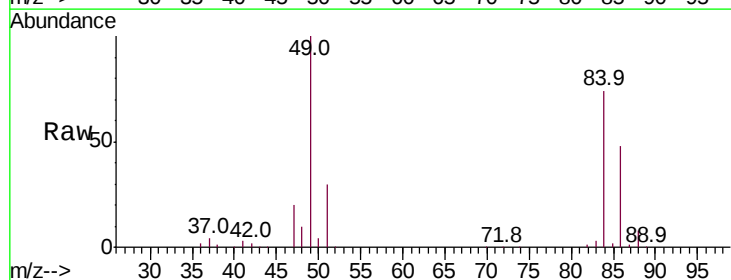
Ion Ratio Lower Upper

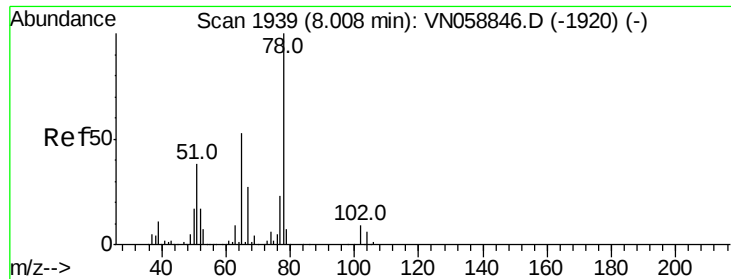
84 100

49 135.3 109.6 164.4

51 40.0 33.8 50.6

86 64.4 51.5 77.3

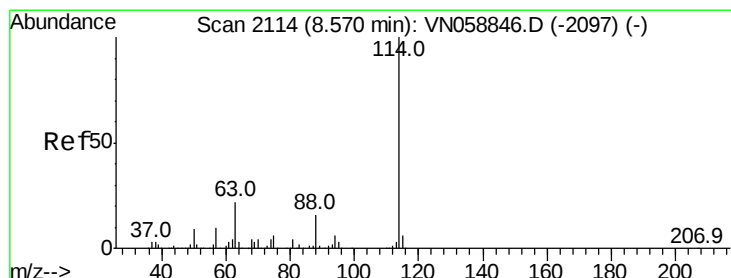
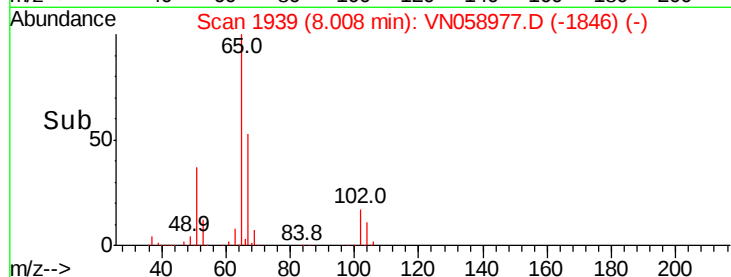
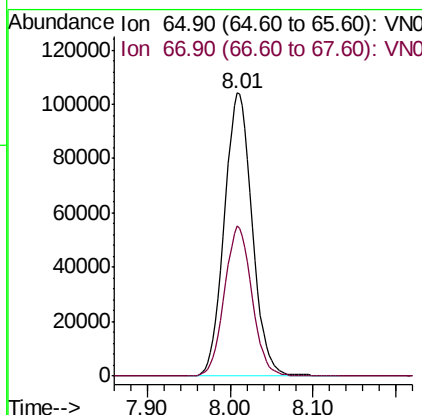
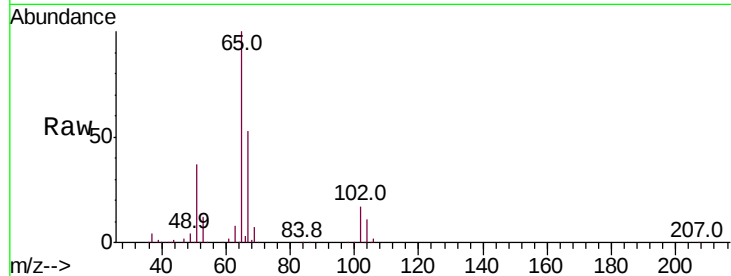




#33
 1,2-Dichloroethane-d4
 Concen: 50.715 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN058977.D
 Acq: 25 Oct 2019 11:26

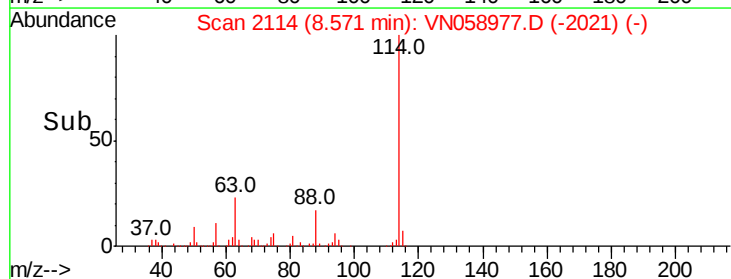
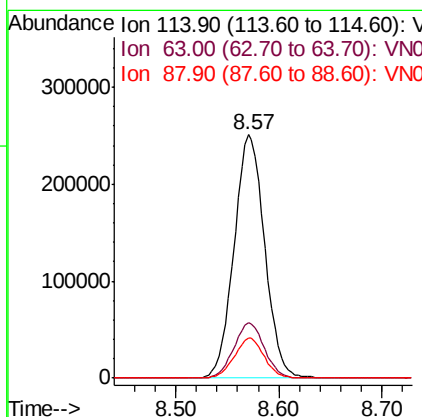
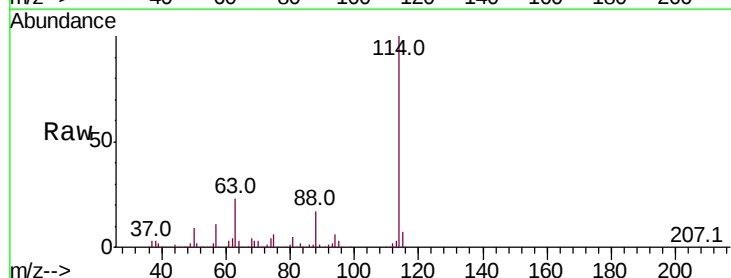
Instrument :
 MSVOA_N
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 EQUIPMENT-BLANK-102419

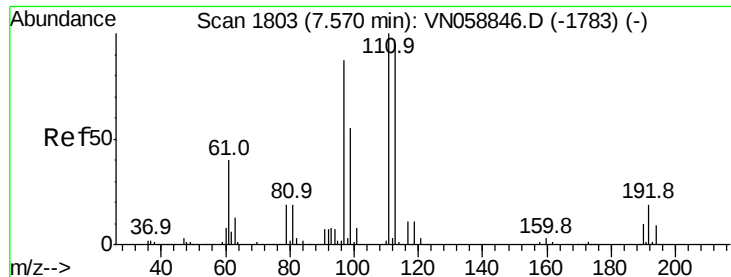
Tot Ion: 65 Resp: 243449
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058977.D
 Acq: 25 Oct 2019 11:26

Tgt Ion: 114 Resp: 518941
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.4
 88 16.5 0.0 31.4

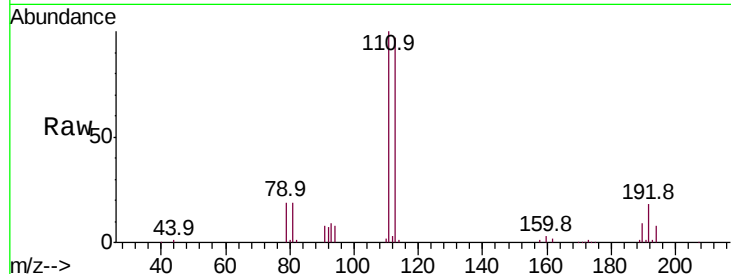




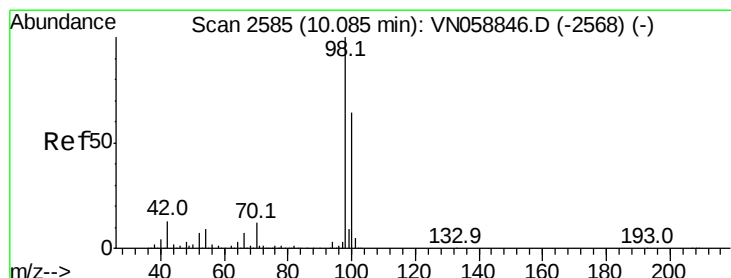
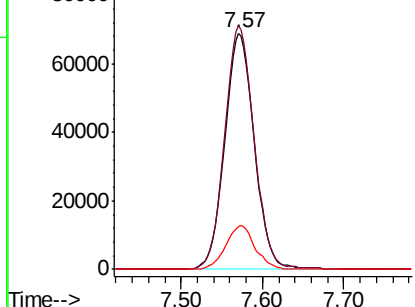
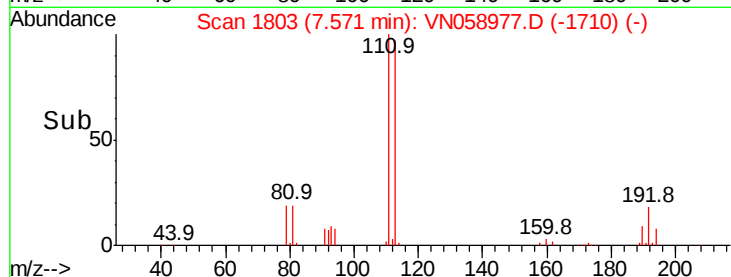
#35
 Dibromofluoromethane
 Concen: 51.365 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN058977.D
 Acq: 25 Oct 2019 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 EQUIPMENT-BLANK-102419

Tot Ion:113 Resp: 175252
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 18.3 15.0 22.6

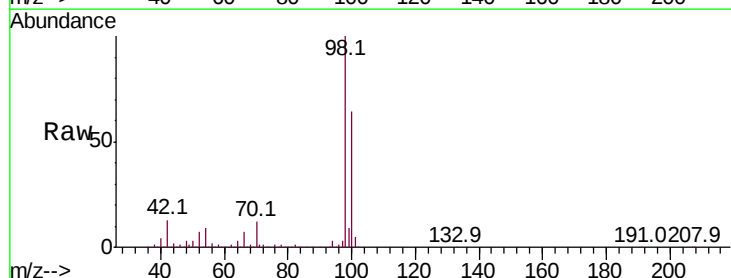


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

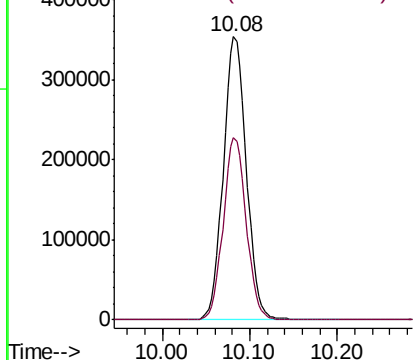
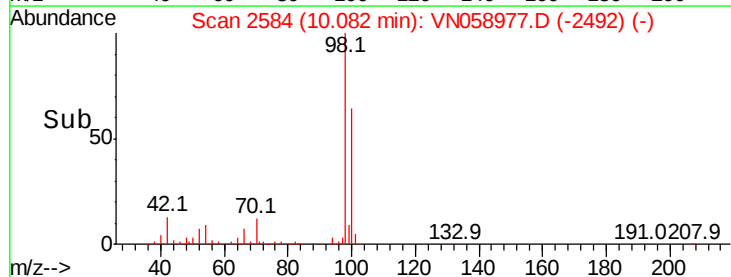


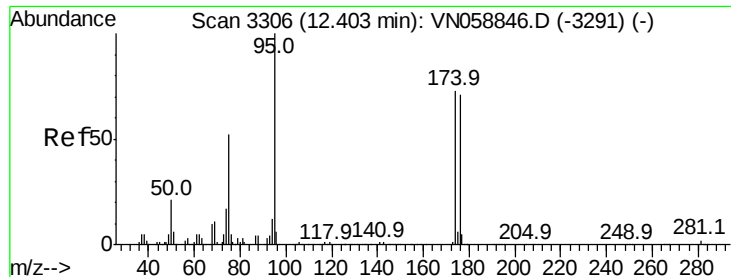
#50
 Toluene-d8
 Concen: 48.839 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: VN058977.D
 Acq: 25 Oct 2019 11:26

Tgt Ion: 98 Resp: 646847
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.2



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





#62

4-Bromofluorobenzene

Concen: 42.327 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058977.D

Acq: 25 Oct 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

EQUIPMENT-BLANK-102419

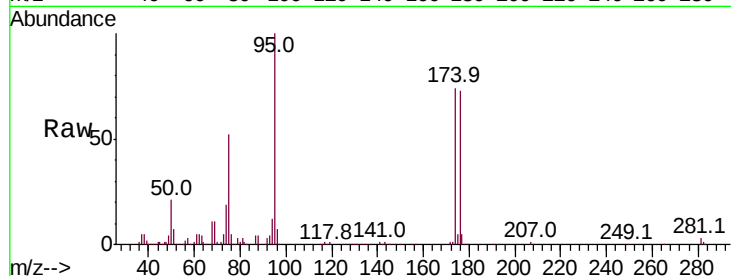
Tot Ion: 95 Resp: 205866

Ion Ratio Lower Upper

95 100

174 76.4 0.0 147.6

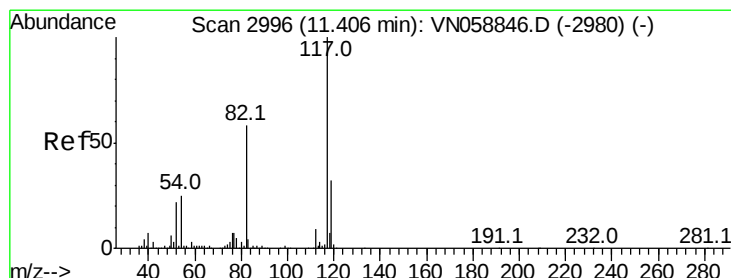
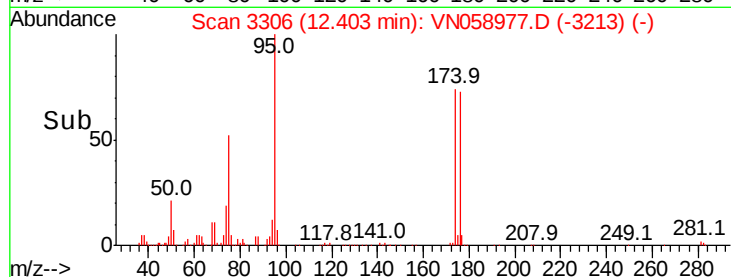
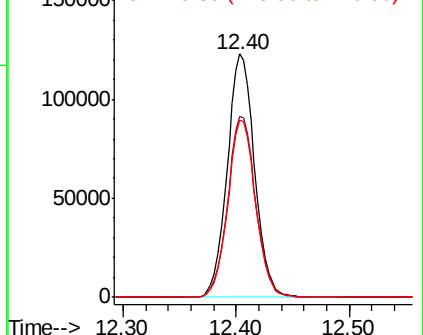
176 73.8 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058977.D

Acq: 25 Oct 2019 11:26

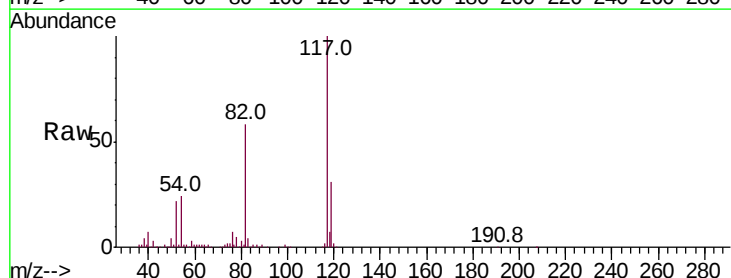
Tgt Ion: 117 Resp: 469903

Ion Ratio Lower Upper

117 100

82 58.0 46.6 69.8

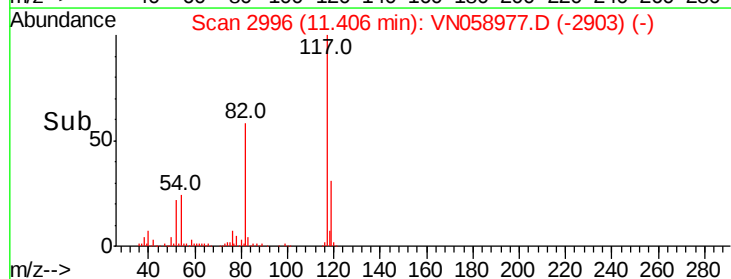
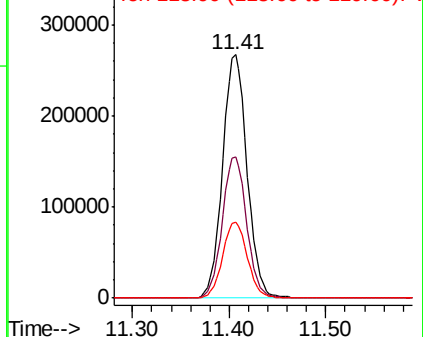
119 31.3 25.6 38.4

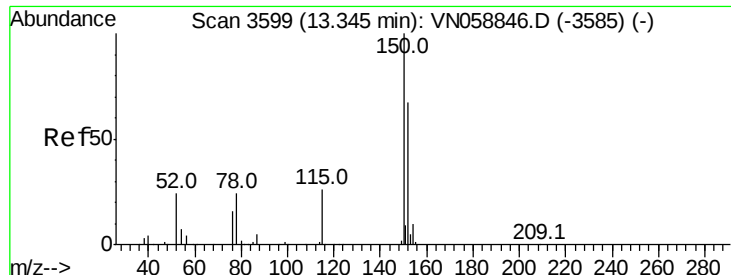


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058977.D

Acq: 25 Oct 2019 11:26

Instrument :

MSVOA_N

ClientSampleId :

EQUIPMENT-BLANK-102419

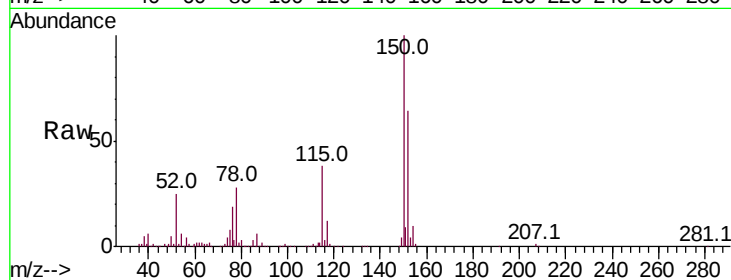
Tot Ion:152 Resp: 174536

Ion Ratio Lower Upper

152 100

115 60.6 30.5 91.5

150 157.5 0.0 344.4



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

