

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058923.D
 Acq On : 23 Oct 2019 12:50
 Operator : JC/SP
 Sample : K5495-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE

Quant Time: Oct 24 01:38:54 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

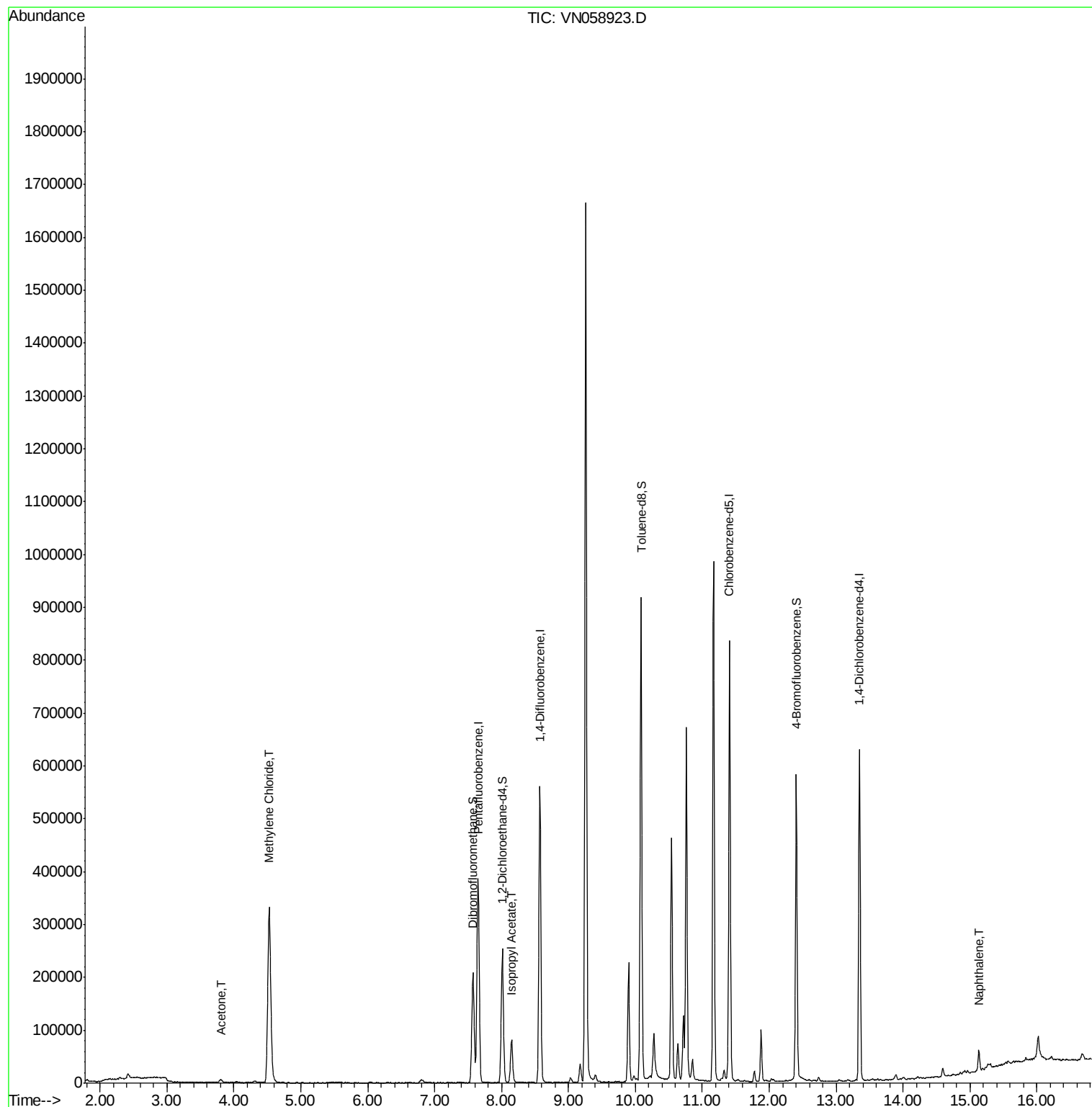
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	298455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	476990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	447240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	162986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	220670	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
35) Dibromofluoromethane	7.57	113	158135	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	10.09	98	622213	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	196301	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.82%	
Target Compounds						
16) Acetone	3.80	43	10943	5.059	ug/l	99
20) Methylene Chloride	4.53	84	246109	66.635	ug/l	99
43) Isopropyl Acetate	8.15	43	97165	11.386	ug/l #	90
95) Naphthalene	15.13	128	29422	5.237	ug/l	97

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

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Quant Time: Oct 24 01:38:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

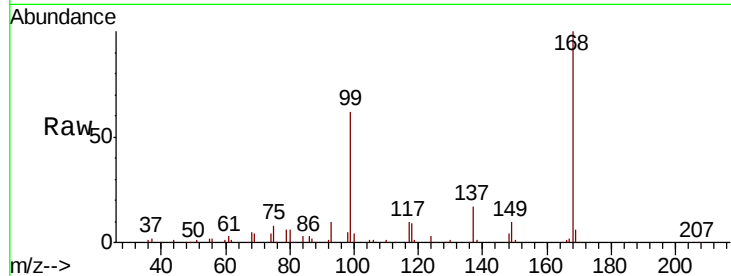
Instrument :
MSVOA_N
ClientSampleId :
WASTE

Tot Ion:168 Resp: 298455

Ion Ratio Lower Upper

168 100

99 62.2 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

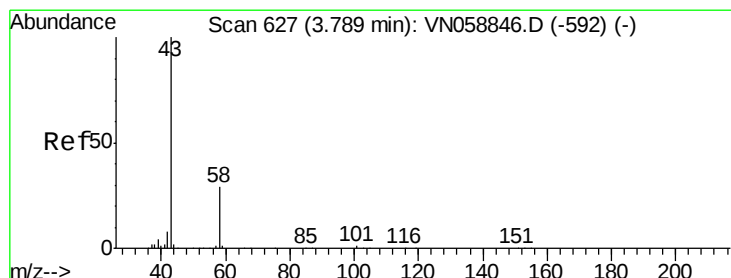
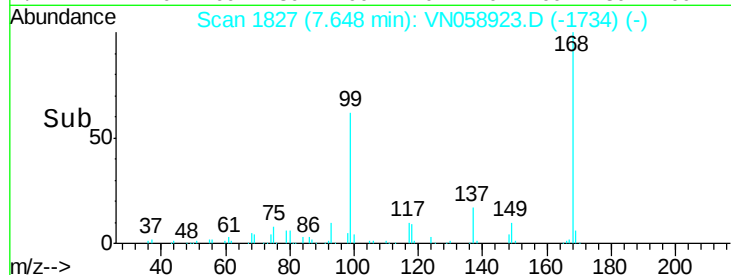
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.059 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058923.D

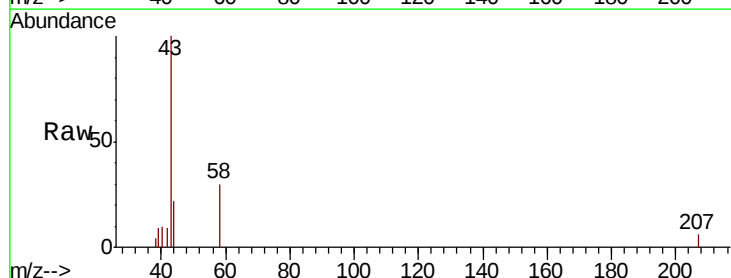
Acq: 23 Oct 2019 12:50

Tgt Ion: 43 Resp: 10943

Ion Ratio Lower Upper

43 100

58 29.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

4000

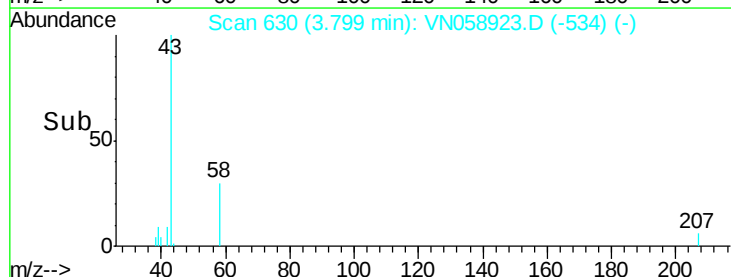
3000

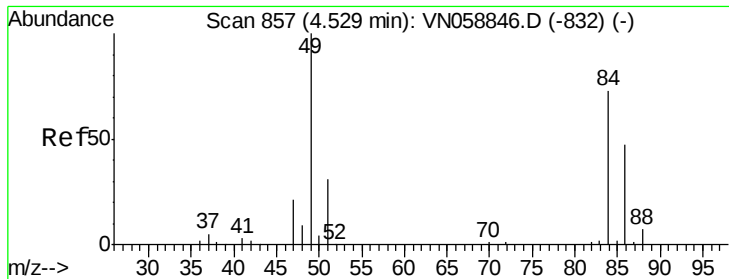
2000

1000

0

Time-->

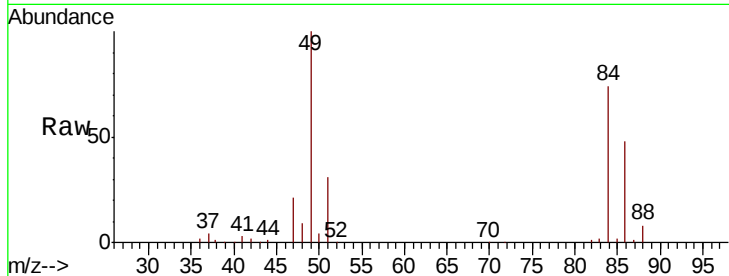




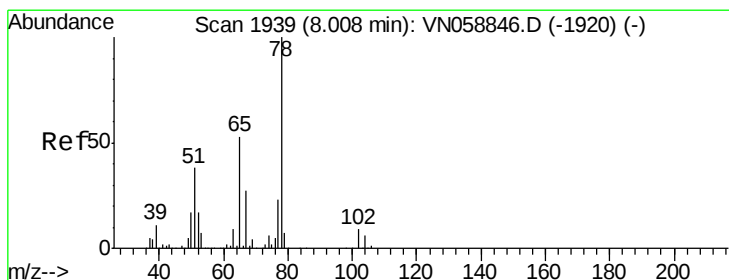
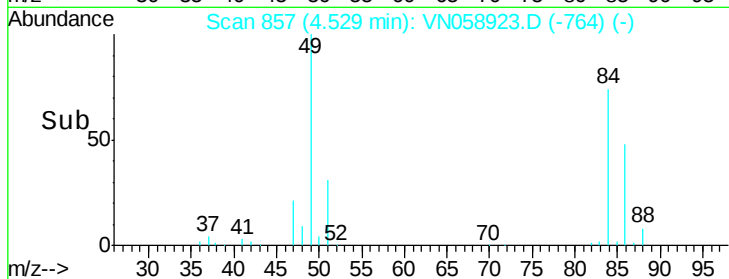
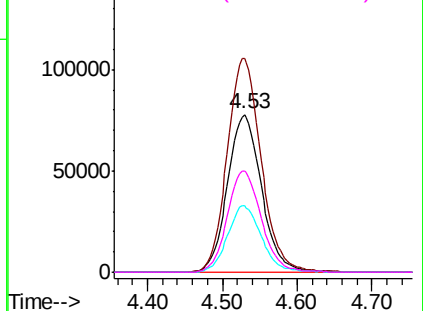
#20
Methylene Chloride
Concen: 66.635 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058923.D
Acq: 23 Oct 2019 12:50

Instrument :
MSVOA_N
ClientSampleId :
WASTE

Tot Ion: 84 Resp: 246109
Ion Ratio Lower Upper
84 100
49 135.6 109.6 164.4
51 41.9 33.8 50.6
86 64.6 51.5 77.3

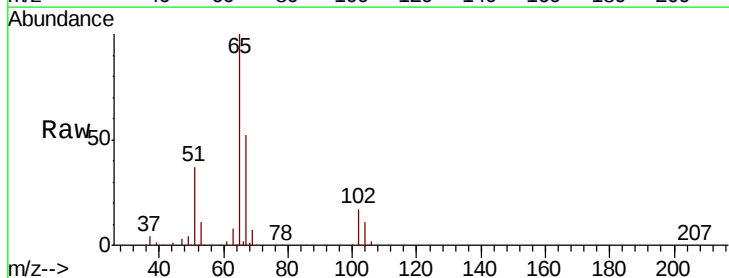


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

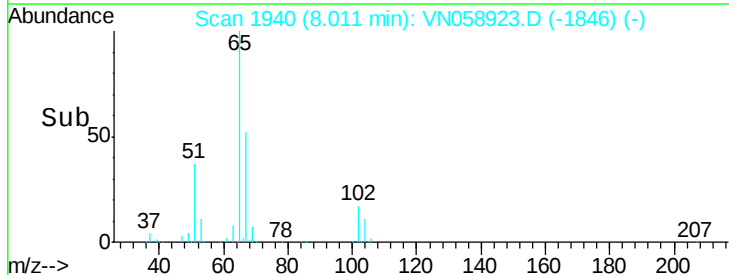
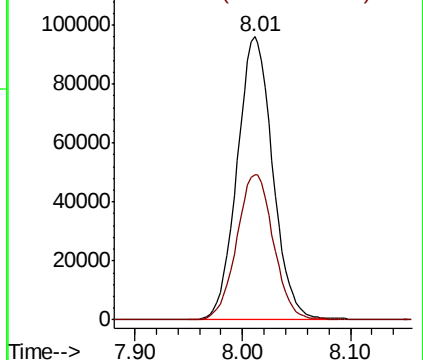


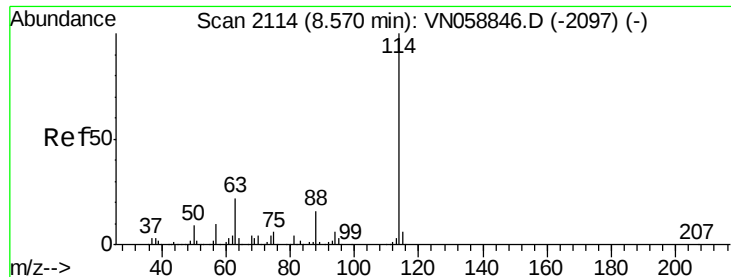
#33
1,2-Dichloroethane-d4
Concen: 50.412 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058923.D
Acq: 23 Oct 2019 12:50

Tgt Ion: 65 Resp: 220670
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

ClientSampleId :

WASTE

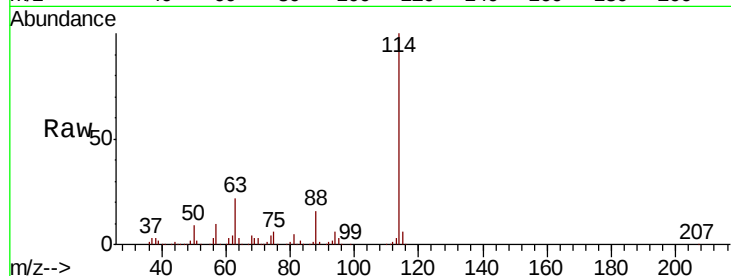
Tot Ion:114 Resp: 476990

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.4

88 16.4 0.0 31.4



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

8.57

250000

200000

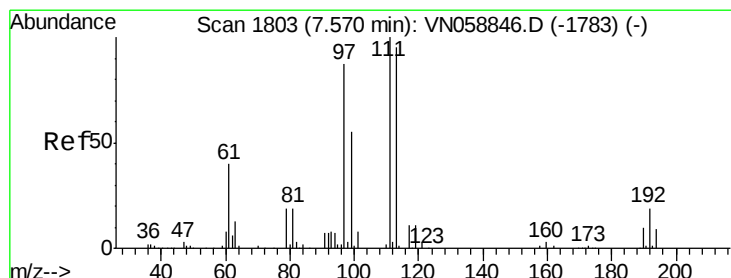
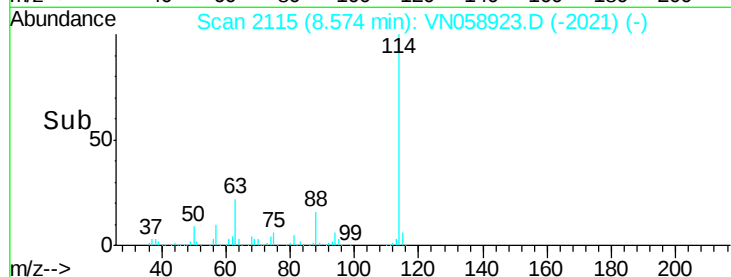
150000

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 50.424 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

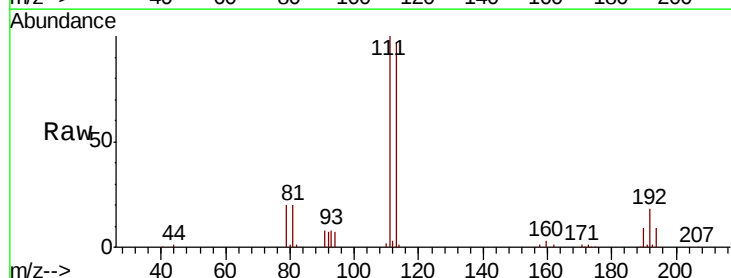
Tgt Ion:113 Resp: 158135

Ion Ratio Lower Upper

113 100

111 104.3 82.0 123.0

192 19.0 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

7.57

80000

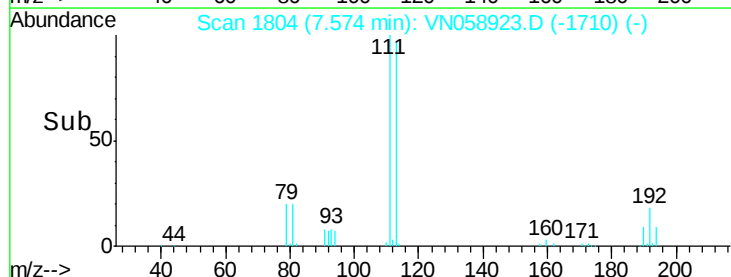
60000

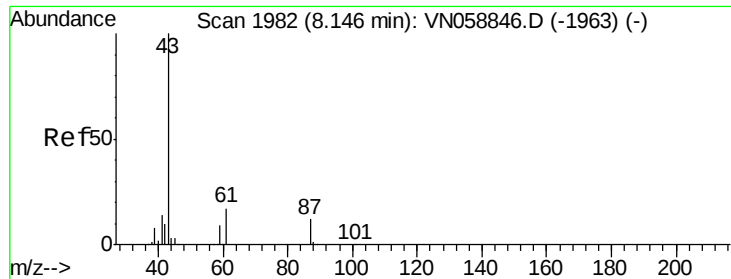
40000

20000

0

Time-->





#43

Isopropyl Acetate

Concen: 11.386 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

ClientSampleId :

WASTE

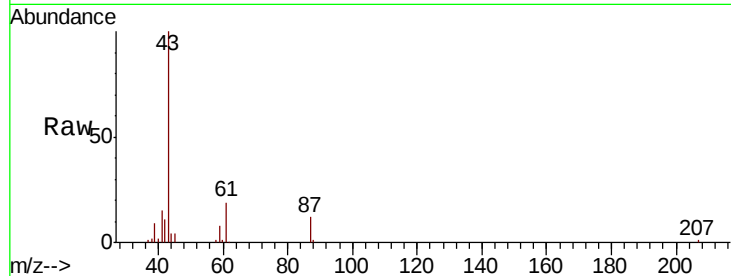
Tot Ion: 43 Resp: 97165

Ion Ratio Lower Upper

43 100

61 18.5 20.2 30.2#

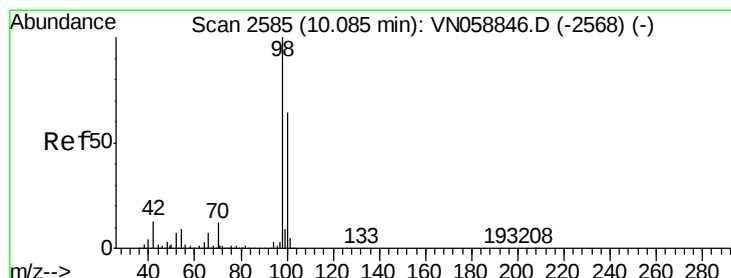
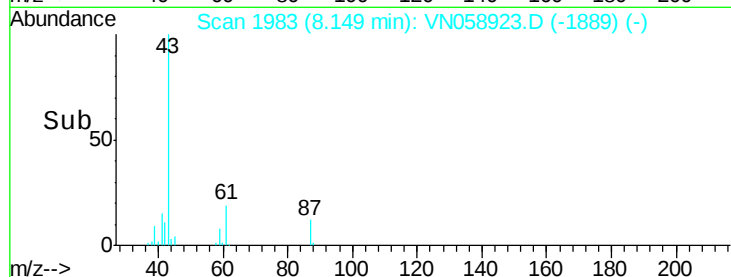
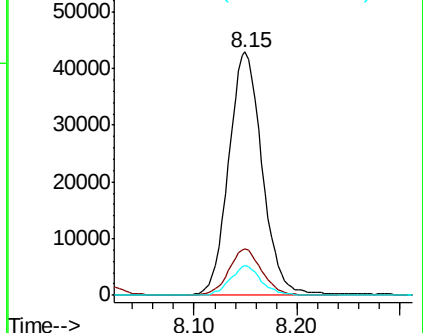
87 11.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN058846.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN058846.D (-1963) (-)



#50

Toluene-d8

Concen: 51.111 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058923.D

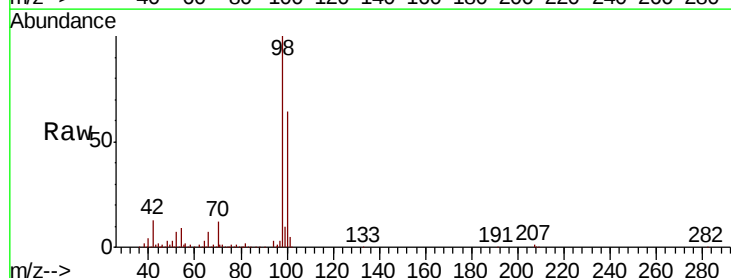
Acq: 23 Oct 2019 12:50

Tgt Ion: 98 Resp: 622213

Ion Ratio Lower Upper

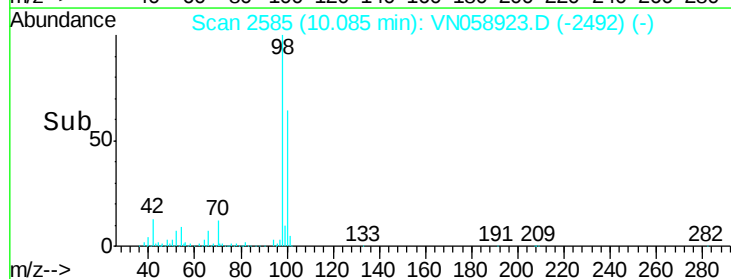
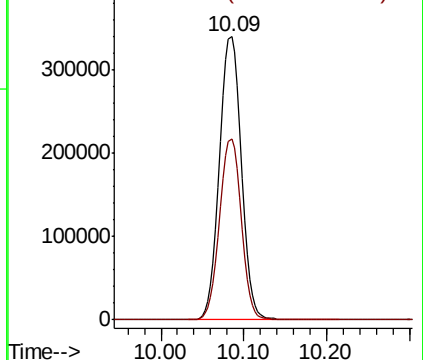
98 100

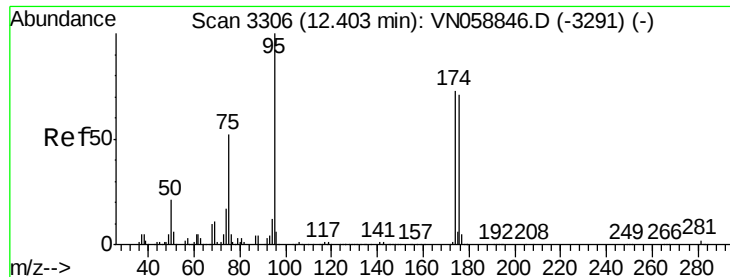
100 63.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058846.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058846.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: 43.910 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

ClientSampleId :

WASTE

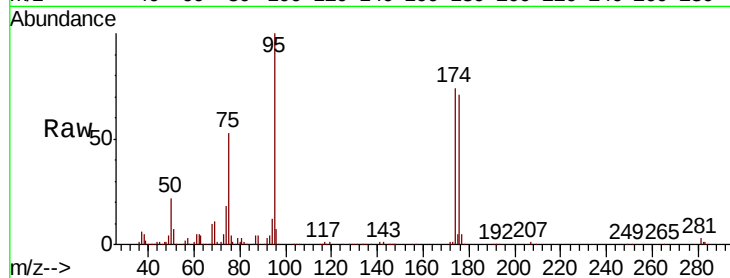
Tot Ion: 95 Resp: 196301

Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.6

176 72.9 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058923.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN058923.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN058923.D (-2903) (-)

12.40

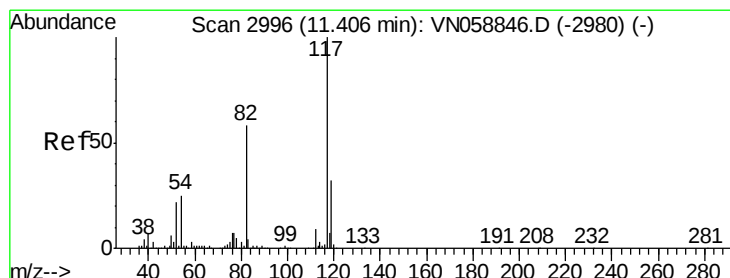
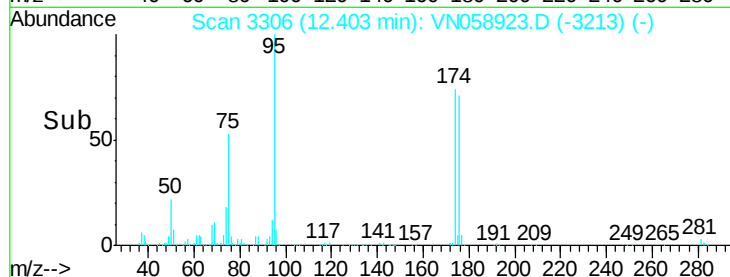
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

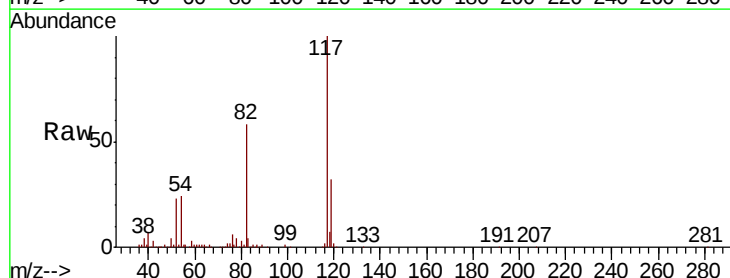
Tgt Ion: 117 Resp: 447240

Ion Ratio Lower Upper

117 100

82 58.1 46.6 69.8

119 31.7 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN058923.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058923.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058923.D (-2903) (-)

11.41

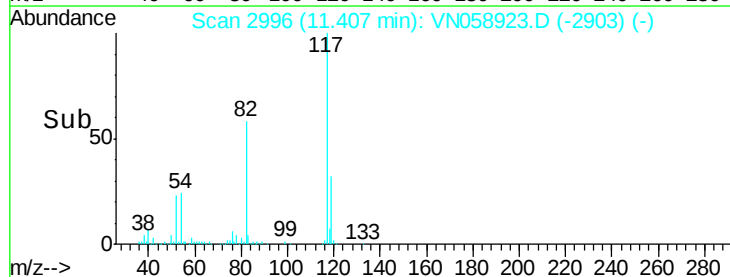
300000

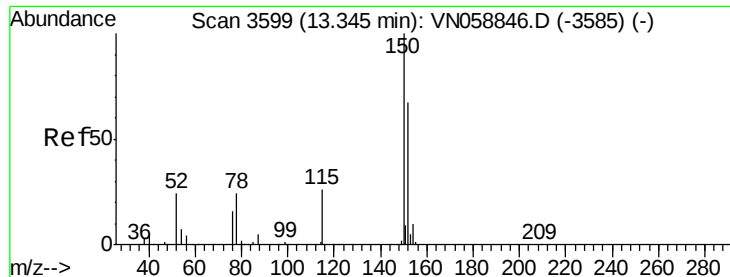
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

Instrument :

MSVOA_N

ClientSampleId :

WASTE

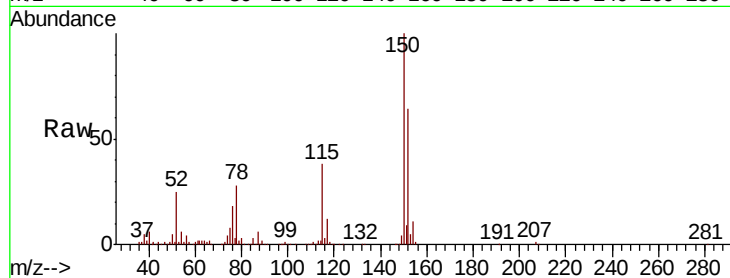
Tot Ion:152 Resp: 162986

Ion Ratio Lower Upper

152 100

115 60.3 30.5 91.5

150 156.3 0.0 344.4

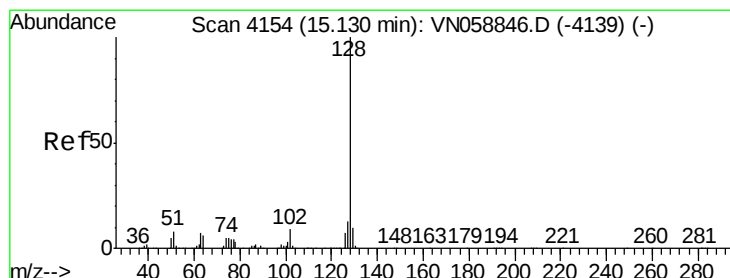
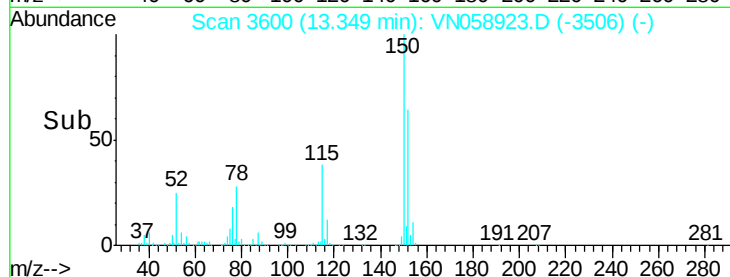
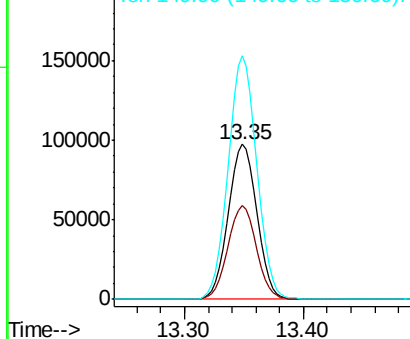


Abundance

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



#95

Naphthalene

Concen: 5.237 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058923.D

Acq: 23 Oct 2019 12:50

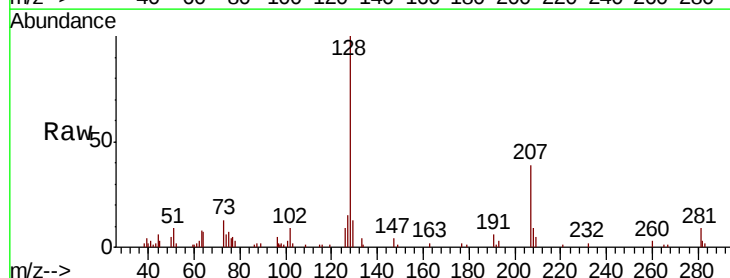
Tgt Ion:128 Resp: 29422

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

129 11.6 8.4 12.6



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

