

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058927.D
 Acq On : 23 Oct 2019 14:18
 Operator : JC/SP
 Sample : K5139-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-03-102119

Quant Time: Oct 24 01:59:37 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

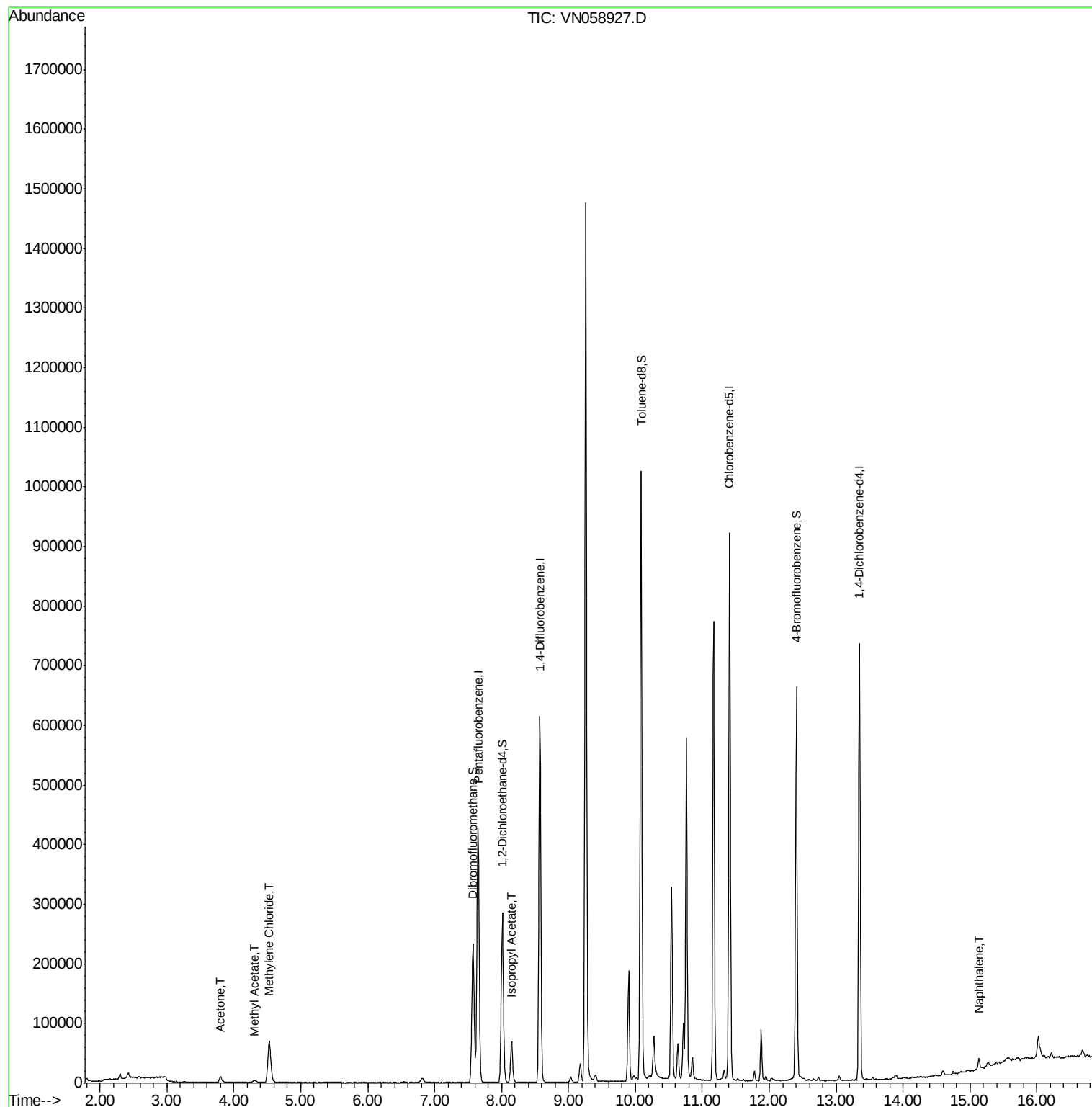
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	332535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	527592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	189515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	247132	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
35) Dibromofluoromethane	7.57	113	176577	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
50) Toluene-d8	10.08	98	683794	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.41	95	222688	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.06%	
Target Compounds						
16) Acetone	3.80	43	17194	7.134	ug/l	92
18) Methyl Acetate	4.31	43	6799	1.241	ug/l	96
20) Methylene Chloride	4.53	84	51186	12.438	ug/l	97
43) Isopropyl Acetate	8.15	43	81201	8.603	ug/l #	90
95) Naphthalene	15.13	128	13227	3.390	ug/l	98

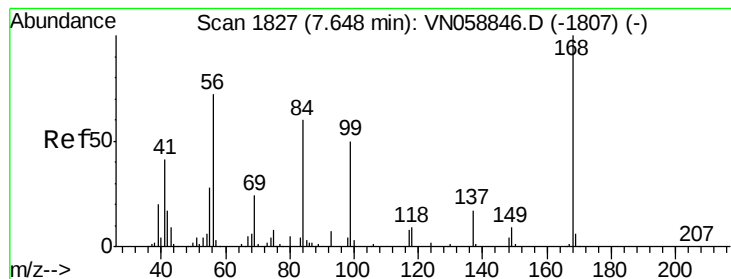
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102419\
Data File : VN058927.D
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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: VN058927.D

Acq: 23 Oct 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

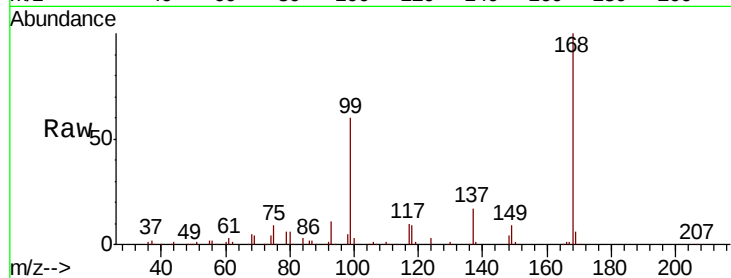
BU-03-102119

Tot Ion:168 Resp: 332535

Ion Ratio Lower Upper

168 100

99 59.5 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058846.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN058846.D (-1807) (-)

7.65

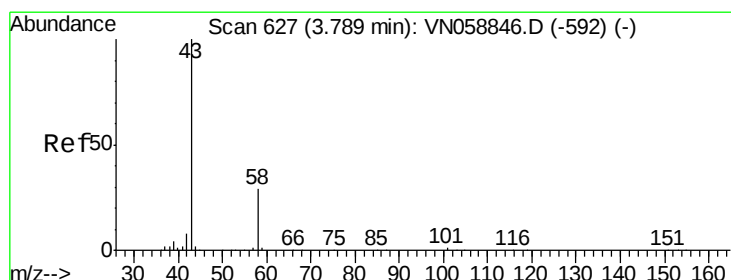
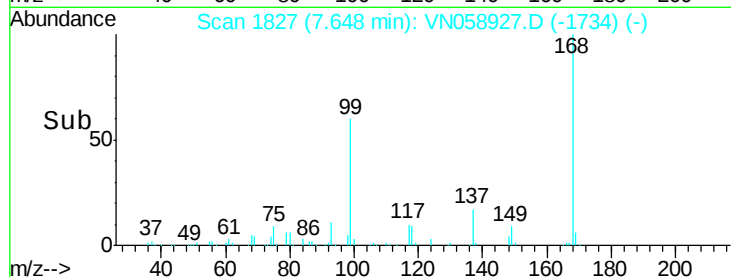
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.134 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058927.D

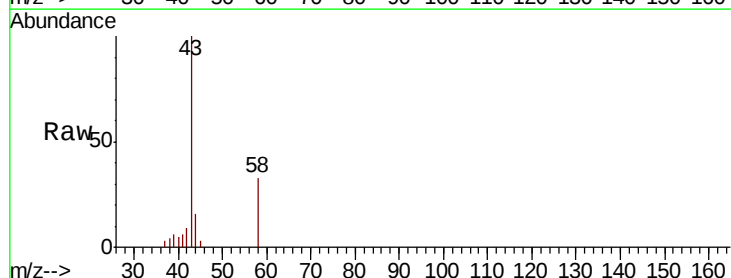
Acq: 23 Oct 2019 14:18

Tgt Ion: 43 Resp: 17194

Ion Ratio Lower Upper

43 100

58 33.3 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-592) (-)

3.80

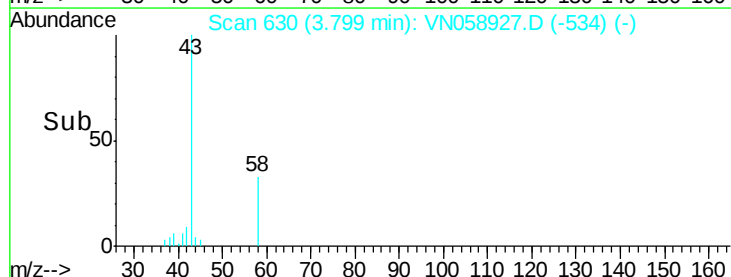
6000

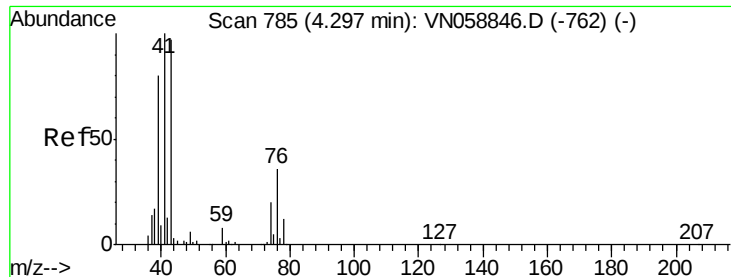
4000

2000

0

Time-->

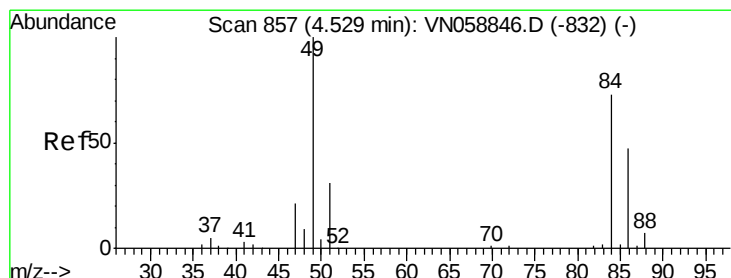
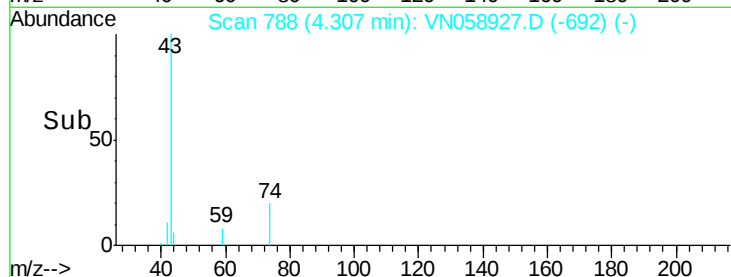
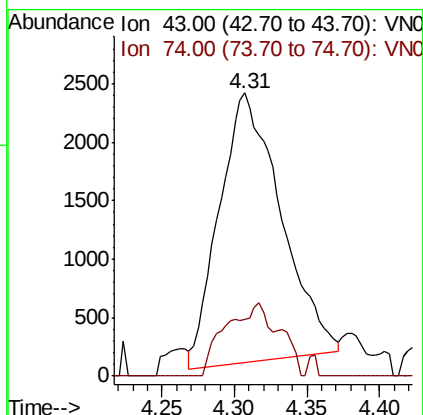
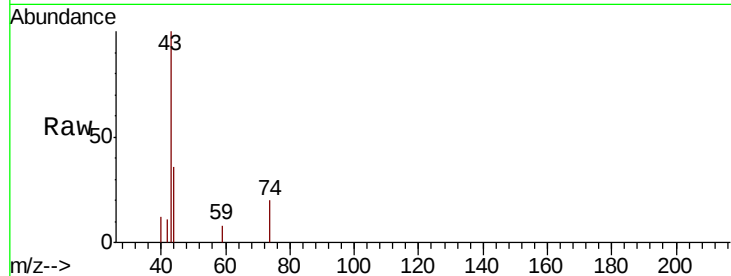




#18
Methyl Acetate
Concen: 1.241 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058927.D
Acq: 23 Oct 2019 14:18

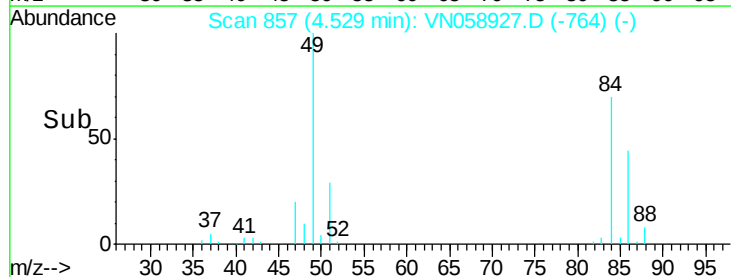
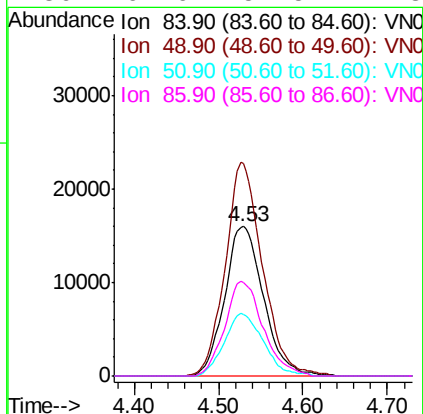
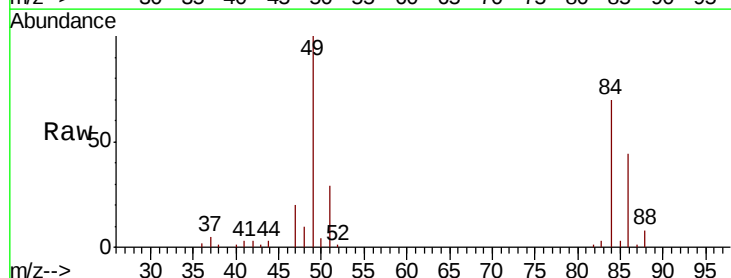
Instrument :
MSVOA_N
ClientSampled :
BU-03-102119

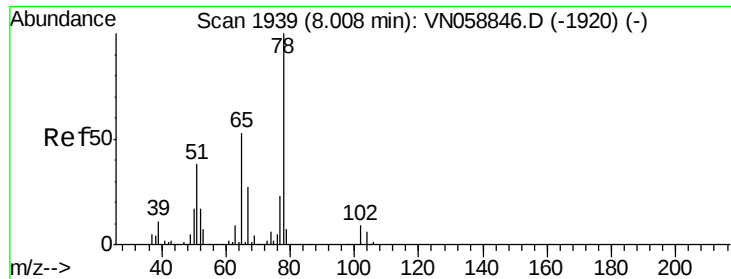
Tot Ion: 43 Resp: 6799
Ion Ratio Lower Upper
43 100
74 23.5 17.1 25.7



#20
Methylene Chloride
Concen: 12.438 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058927.D
Acq: 23 Oct 2019 14:18

Tgt Ion: 84 Resp: 51186
Ion Ratio Lower Upper
84 100
49 142.5 109.6 164.4
51 41.4 33.8 50.6
86 62.6 51.5 77.3

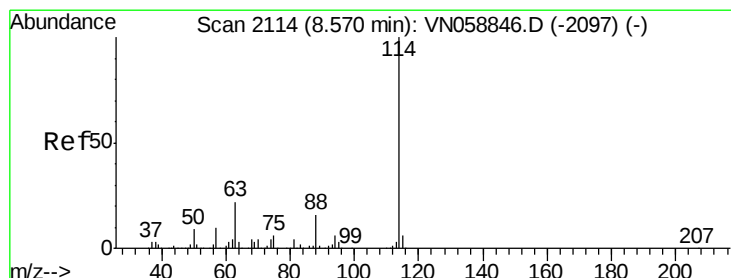
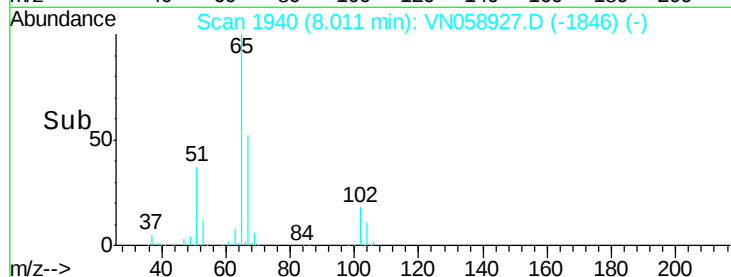
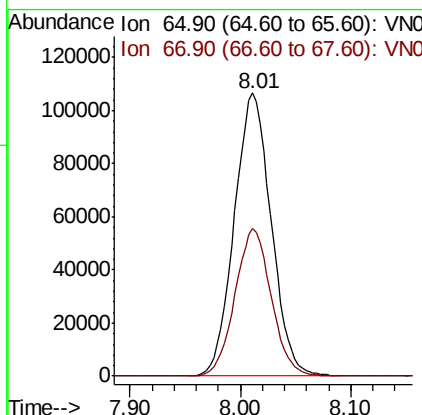
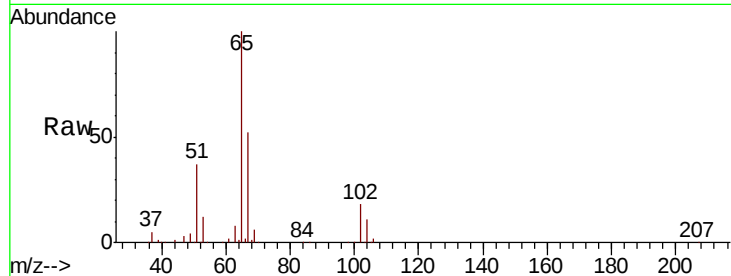




#33
 1,2-Dichloroethane-d4
 Concen: 50.671 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058927.D
 Acq: 23 Oct 2019 14:18

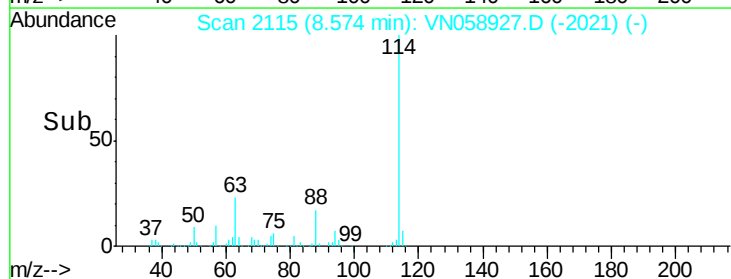
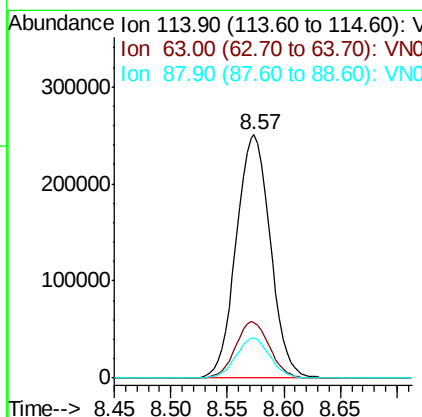
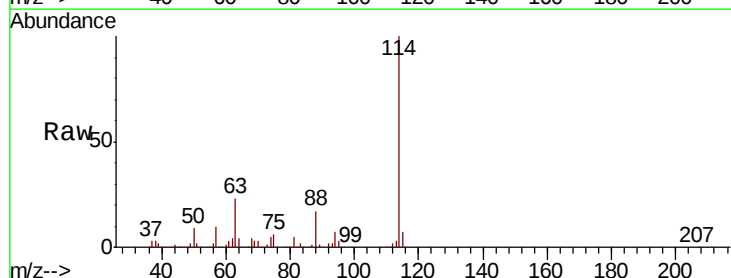
Instrument :
 MSVOA_N
 ClientSampleId :
 BU-03-102119

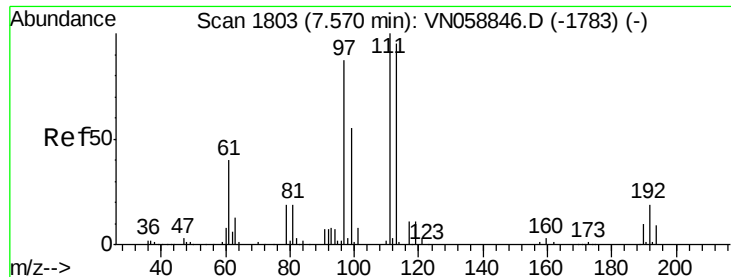
Tot Ion: 65 Resp: 247132
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058927.D
 Acq: 23 Oct 2019 14:18

Tgt Ion: 114 Resp: 527592
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 44.4
 88 16.6 0.0 31.4

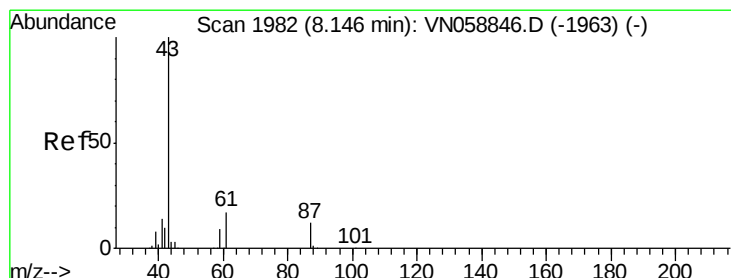
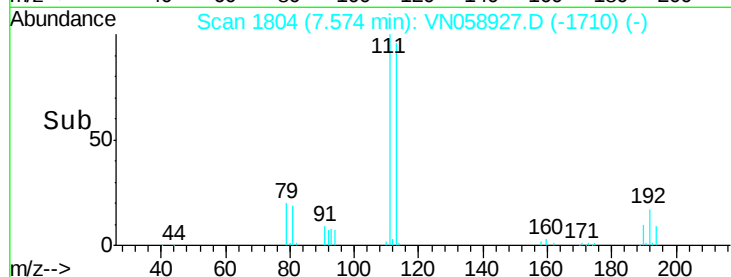
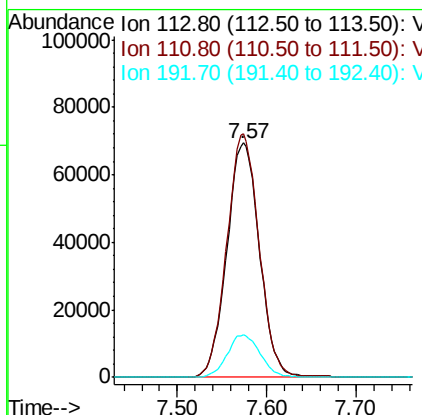
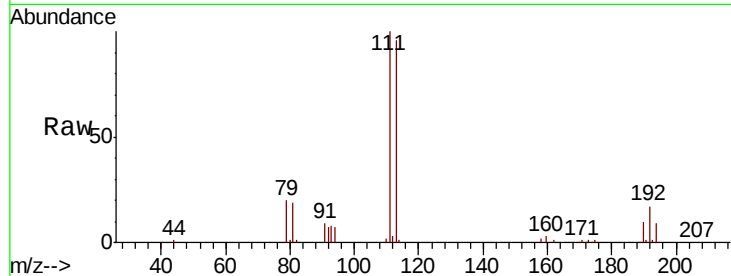




#35
 Dibromofluoromethane
 Concen: 50.905 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058927.D
 Acq: 23 Oct 2019 14:18

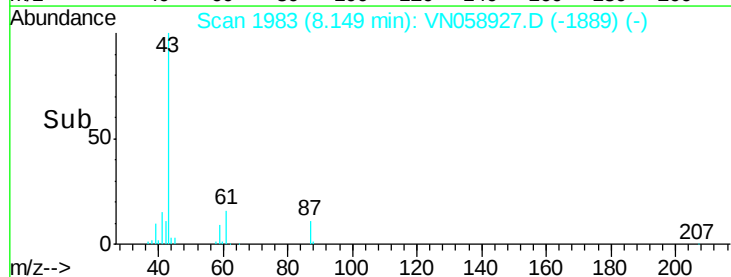
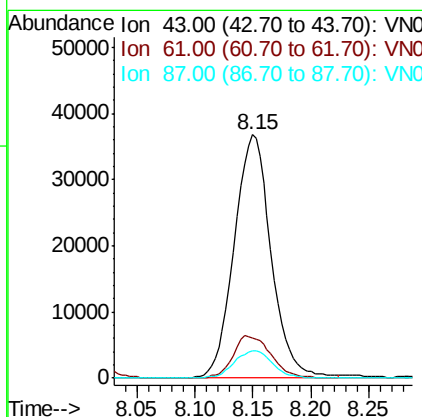
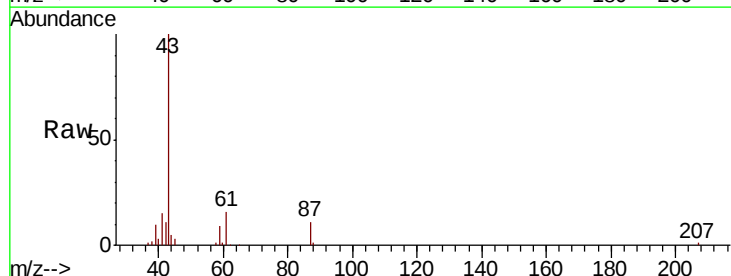
Instrument :
 MSVOA_N
 ClientSampleId :
 BU-03-102119

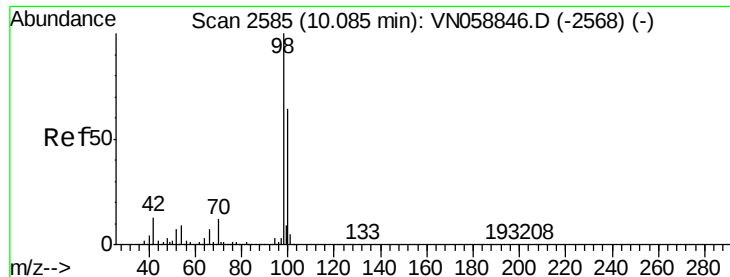
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	18.3	15.0	22.6



#43
 Isopropyl Acetate
 Concen: 8.603 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058927.D
 Acq: 23 Oct 2019 14:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	20.2	30.2#
87	11.5	9.5	14.3





#50

Toluene-d8

Concen: 50.782 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058927.D

Acq: 23 Oct 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

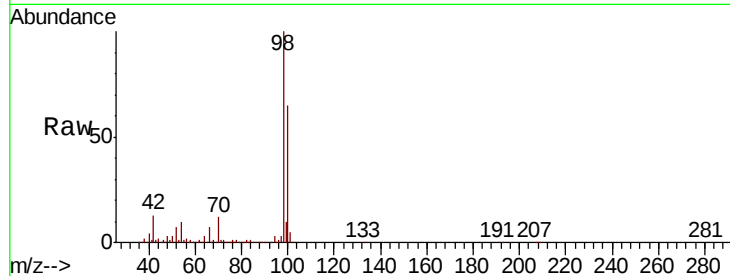
BU-03-102119

Tot Ion: 98 Resp: 683794

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

400000

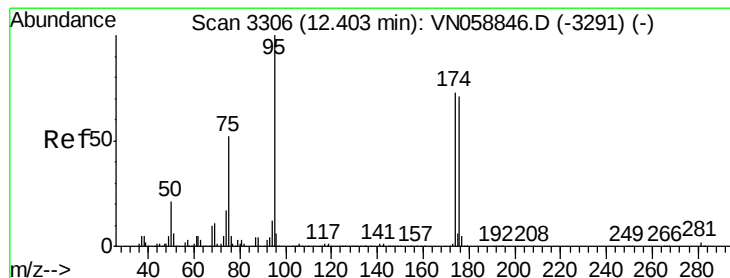
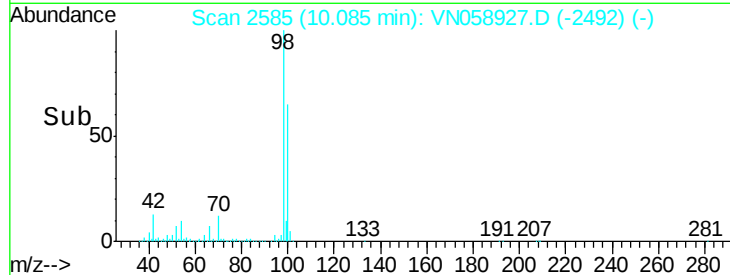
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.035 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058927.D

Acq: 23 Oct 2019 14:18

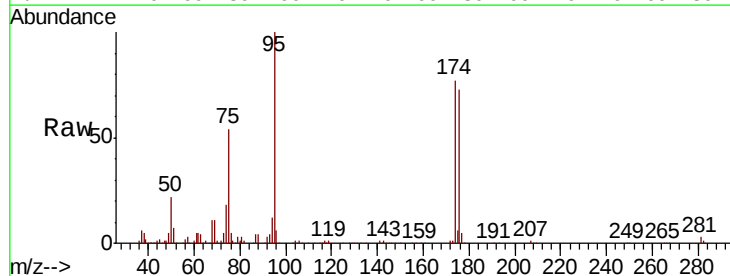
Tgt Ion: 95 Resp: 222688

Ion Ratio Lower Upper

95 100

174 75.9 0.0 147.6

176 73.6 0.0 143.2



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

12.41

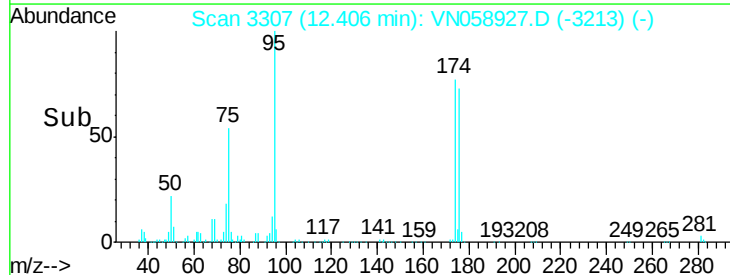
150000

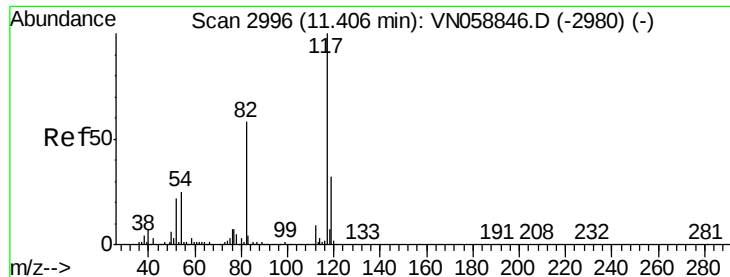
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058927.D

Acq: 23 Oct 2019 14:18

Instrument :

MSVOA_N

ClientSampleId :

BU-03-102119

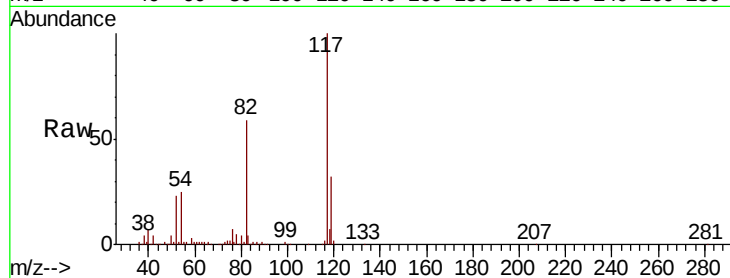
Tot Ion:117 Resp: 501707

Ion Ratio Lower Upper

117 100

82 58.8 46.6 69.8

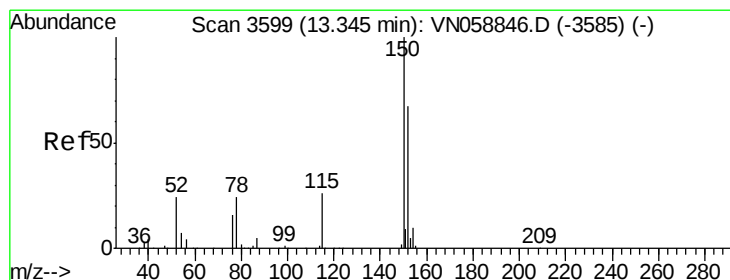
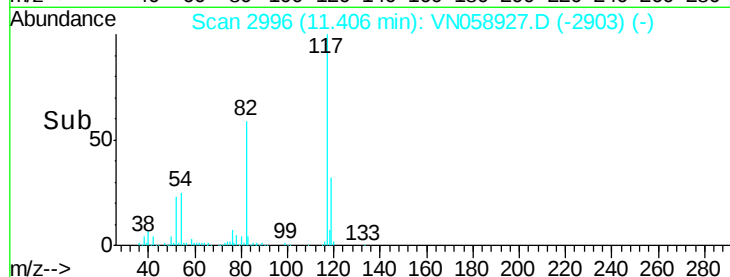
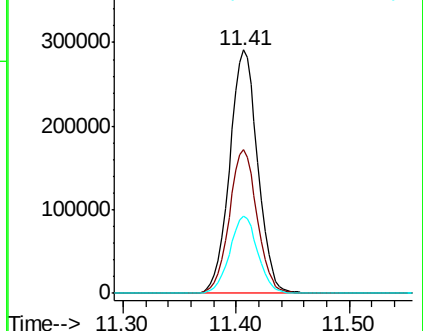
119 31.7 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058927.D

Acq: 23 Oct 2019 14:18

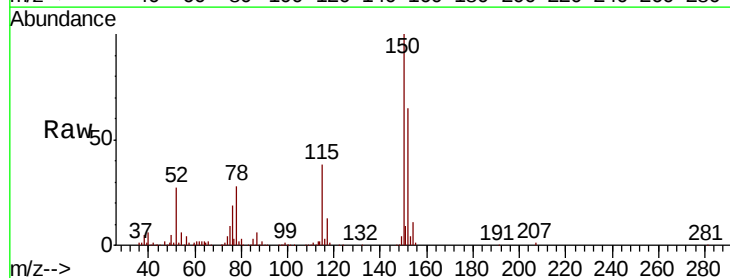
Tgt Ion:152 Resp: 189515

Ion Ratio Lower Upper

152 100

115 60.3 30.5 91.5

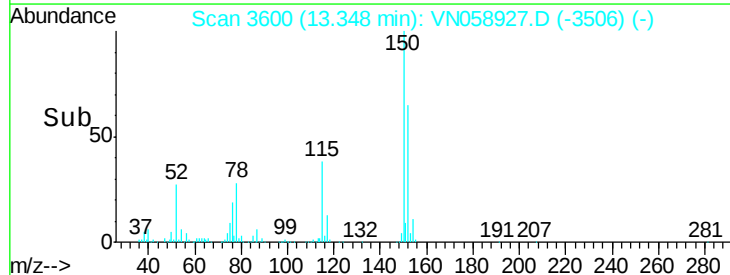
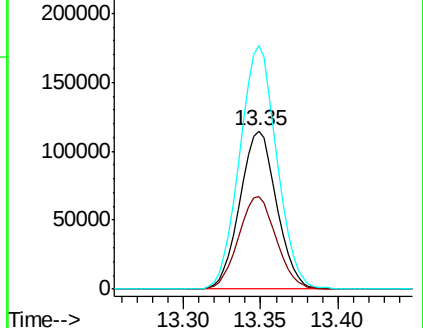
150 156.0 0.0 344.4

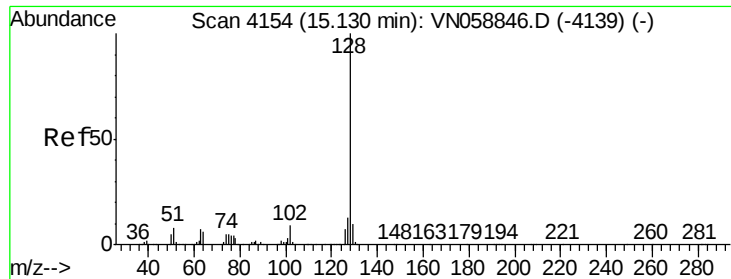


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.390 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058927.D

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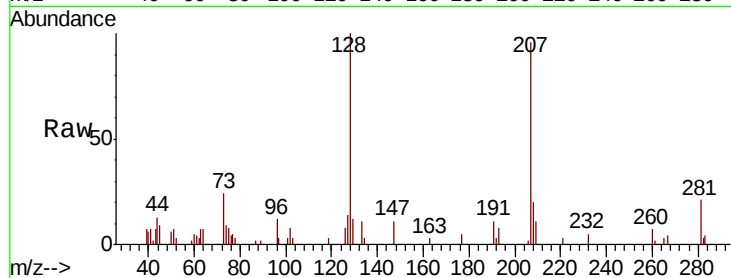
Tot Ion:128 Resp: 13227

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.1 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

