

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058858.D
 Acq On : 18 Oct 2019 15:20
 Operator : JC/SP
 Sample : K5439-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33RD-ST-7TH-AVE-WEST-COMP

Quant Time: Oct 21 07:55:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 18 11:02:19 2019
 Response via : Initial Calibration

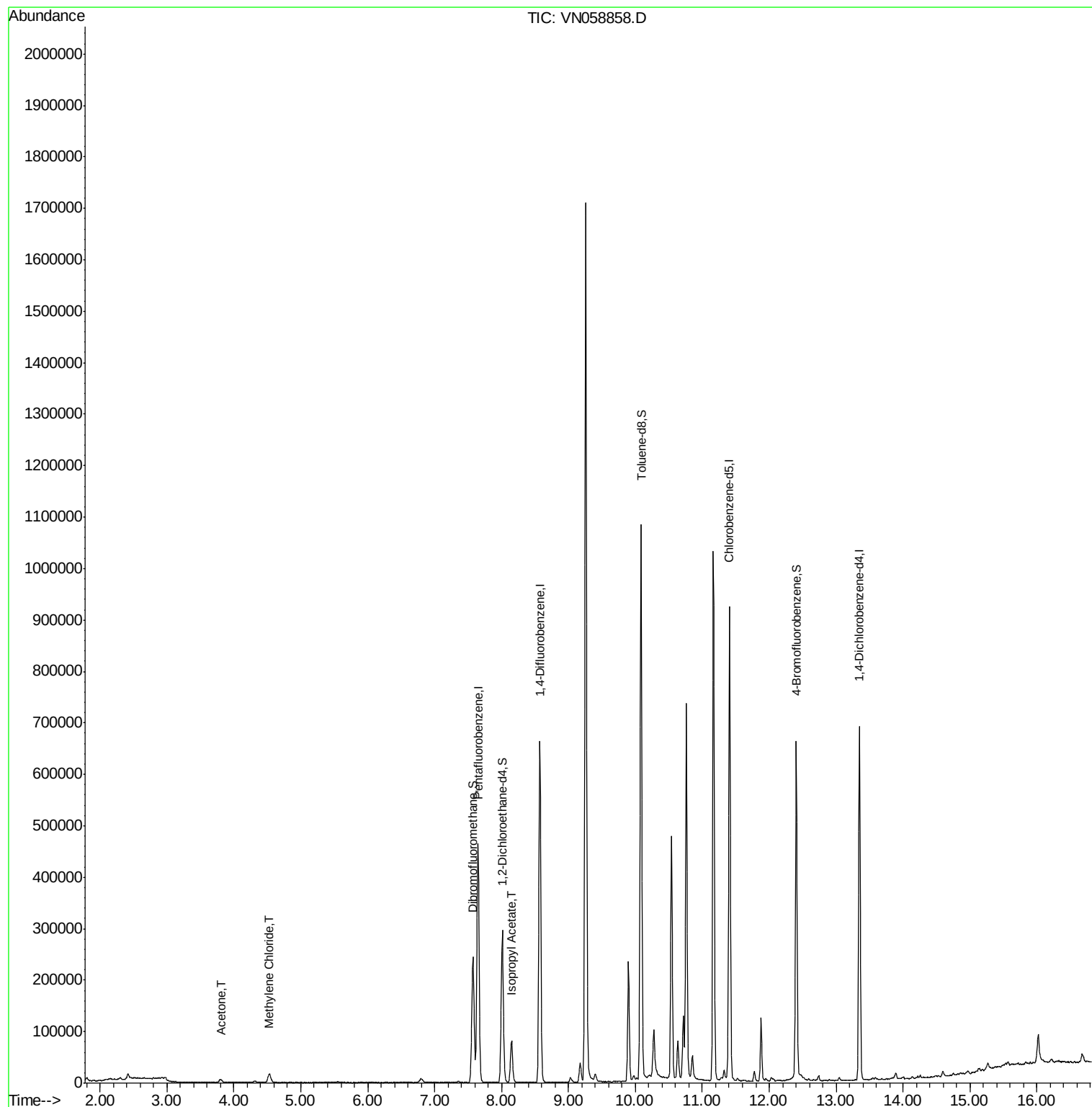
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	357518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	565338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	505422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	174057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	259213	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
35) Dibromofluoromethane	7.57	113	186504	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.08	98	724572	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	222107	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	
Target Compounds						
16) Acetone	3.80	43	11391	4.396	ug/l #	85
20) Methylene Chloride	4.53	84	12899	2.915	ug/l	97
43) Isopropyl Acetate	8.15	43	97462	9.636	ug/l #	90

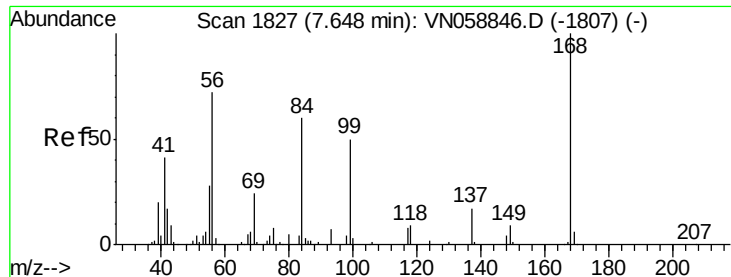
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 18 11:02:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

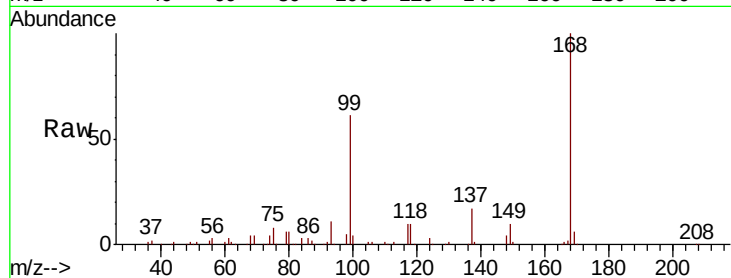
33RD-ST-7TH-AVE-WEST-COMP

Tot Ion:168 Resp: 357518

Ion Ratio Lower Upper

168 100

99 61.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

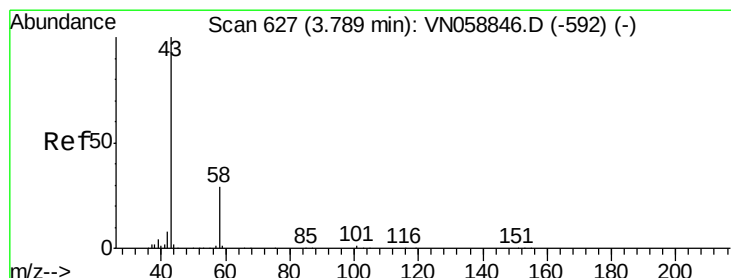
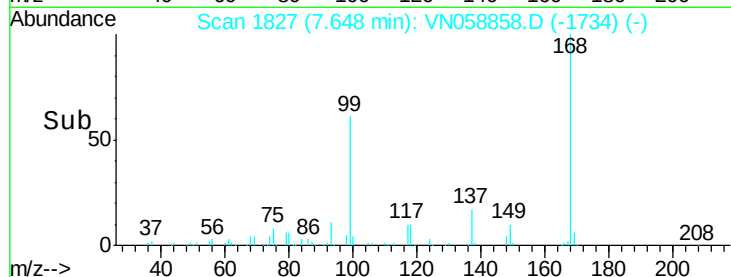
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.396 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058858.D

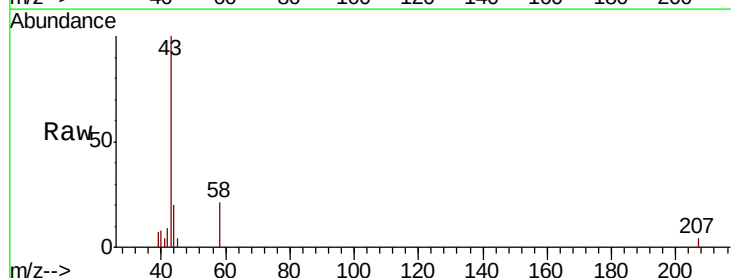
Acq: 18 Oct 2019 15:20

Tgt Ion: 43 Resp: 11391

Ion Ratio Lower Upper

43 100

58 20.9 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

4000

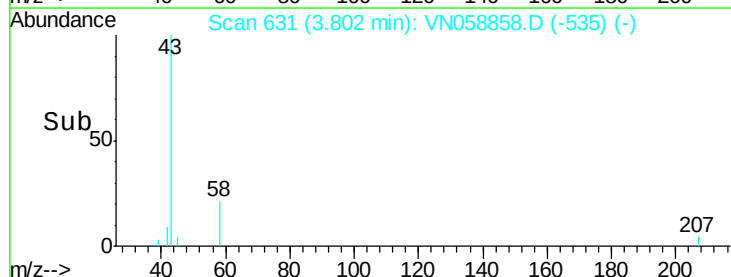
3000

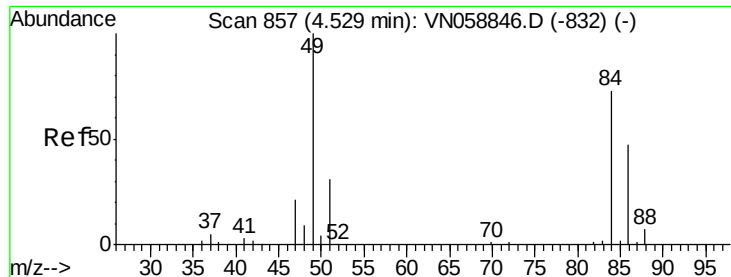
2000

1000

0

Time-->

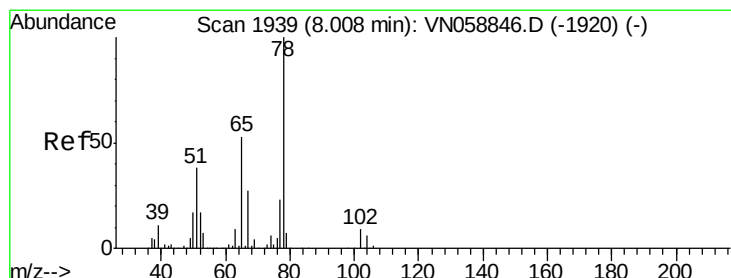
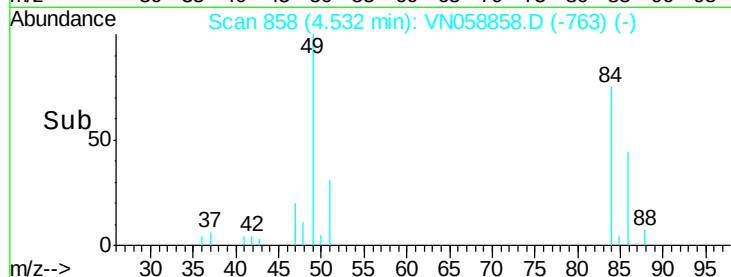
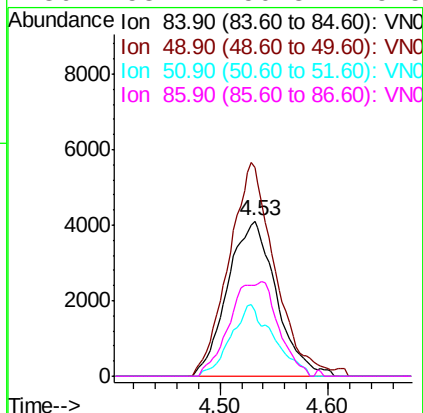
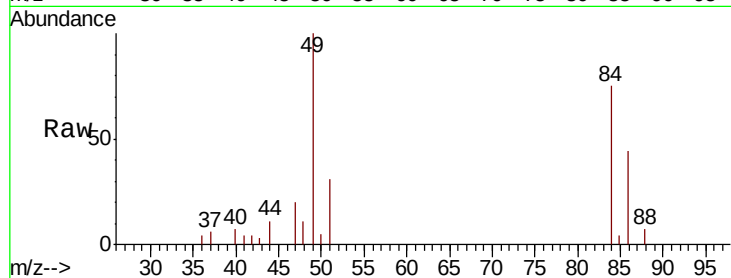




#20
Methylene Chloride
Concen: 2.915 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058858.D
Acq: 18 Oct 2019 15:20

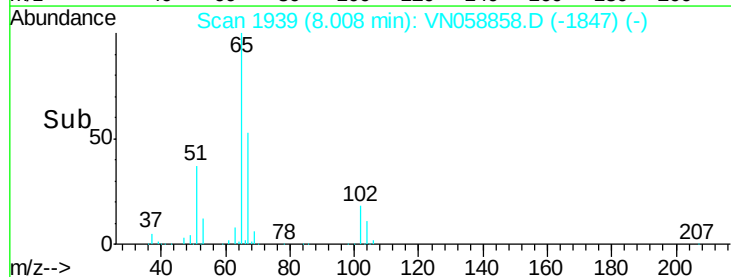
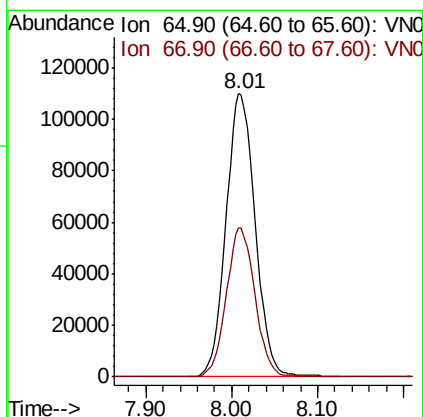
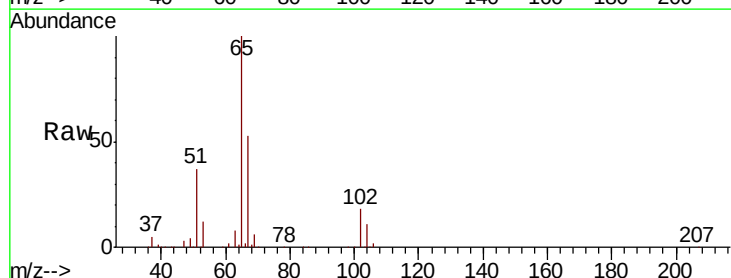
Instrument :
MSVOA_N
ClientSampleId :
33RD-ST-7TH-AVE-WEST-COMP

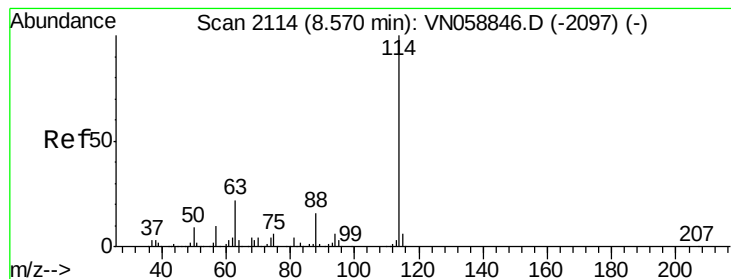
Tot Ion: 84 Resp: 12899
Ion Ratio Lower Upper
84 100
49 134.0 107.6 161.4
51 42.0 31.4 47.0
86 58.4 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 49.435 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN058858.D
Acq: 18 Oct 2019 15:20

Tgt Ion: 65 Resp: 259213
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058858.D

Acq: 18 Oct 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

33RD-ST-7TH-AVE-WEST-COMP

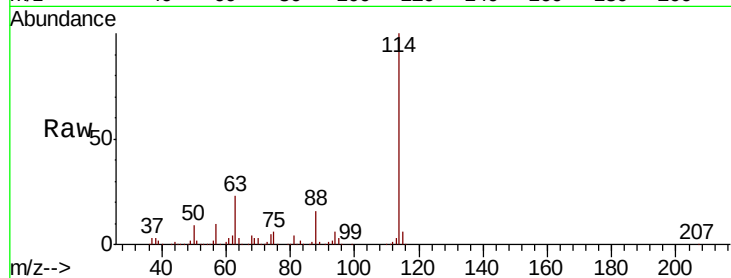
Tot Ion:114 Resp: 565338

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.8

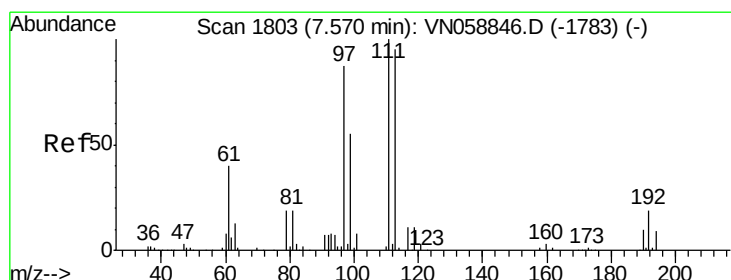
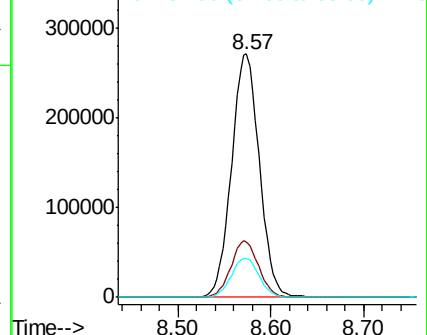
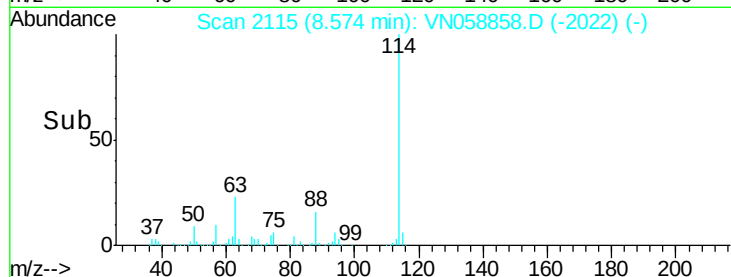
88 16.1 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.177 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN058858.D

Acq: 18 Oct 2019 15:20

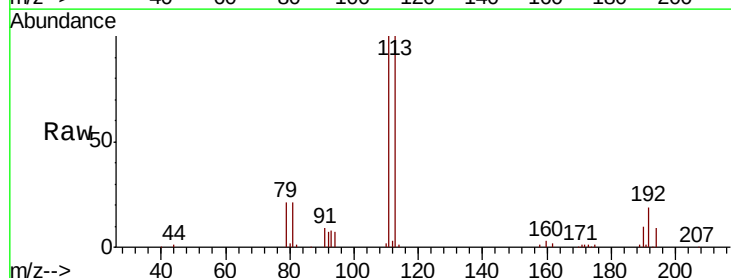
Tgt Ion:113 Resp: 186504

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

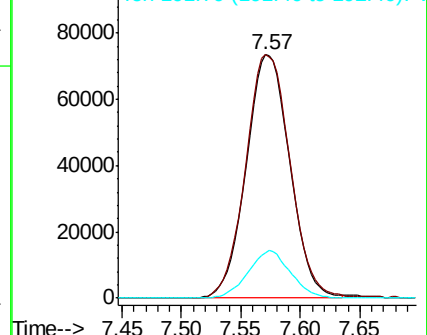
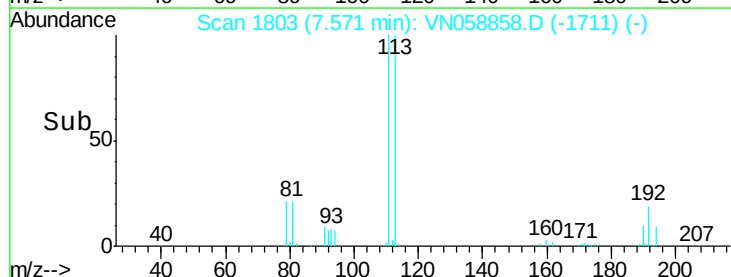
192 18.9 15.0 22.6

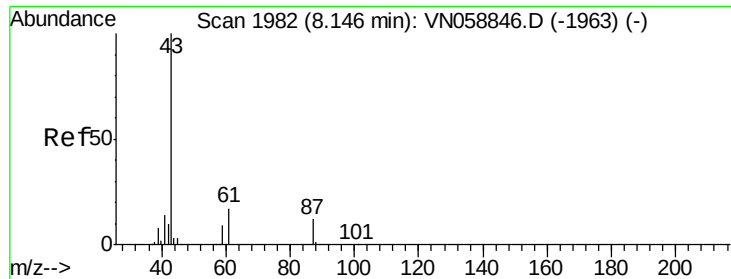


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.636 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058858.D

Acq: 18 Oct 2019 15:20

Instrument :

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ClientSampleId :

33RD-ST-7TH-AVE-WEST-COMP

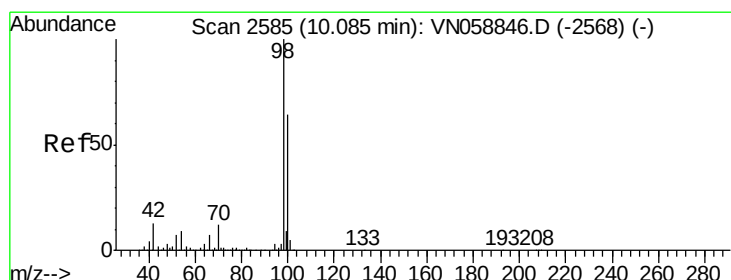
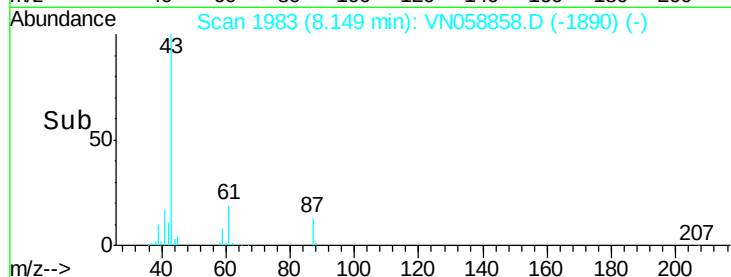
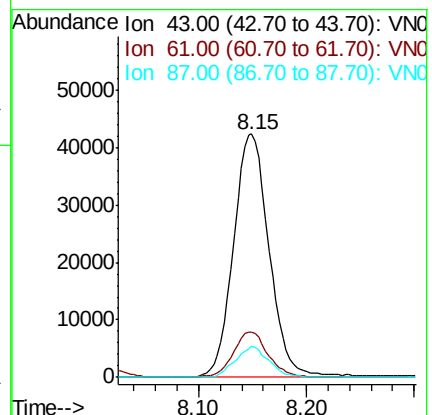
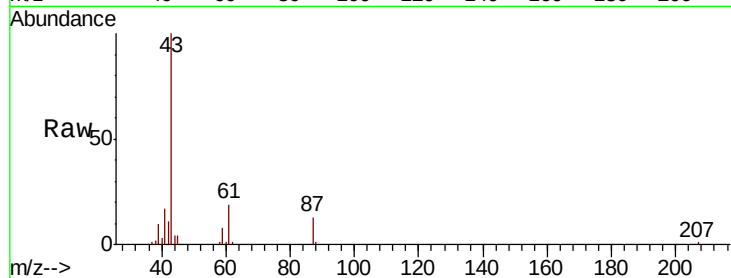
Tot Ion: 43 Resp: 97462

Ion Ratio Lower Upper

43 100

61 18.2 20.3 30.5#

87 11.9 9.8 14.6



#50

Toluene-d8

Concen: 50.217 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058858.D

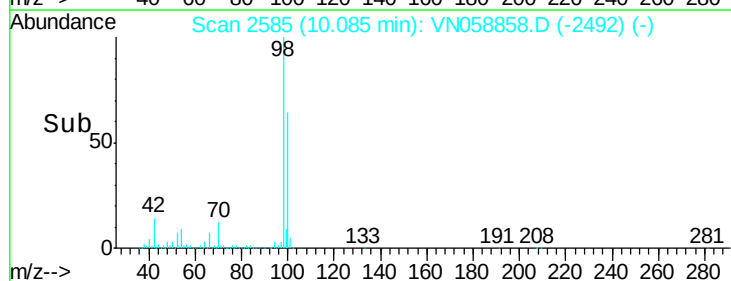
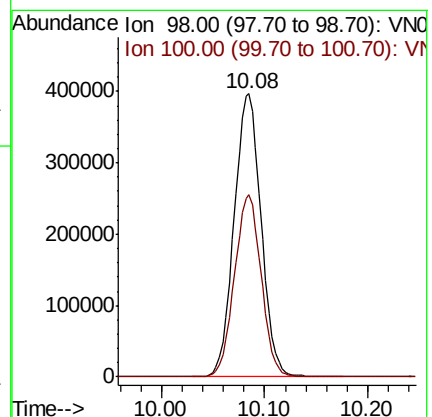
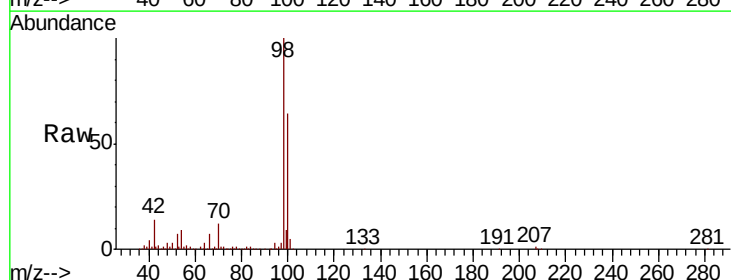
Acq: 18 Oct 2019 15:20

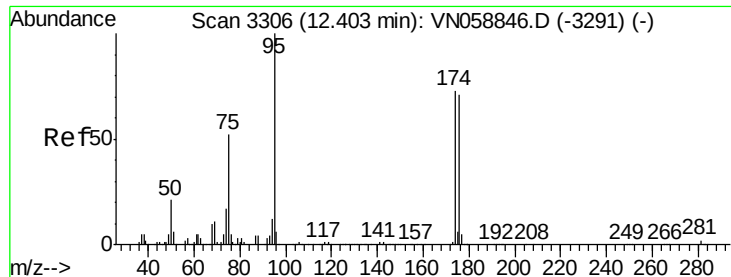
Tgt Ion: 98 Resp: 724572

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 41.918 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058858.D

Acq: 18 Oct 2019 15:20

Instrument :

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ClientSampleId :

33RD-ST-7TH-AVE-WEST-COMP

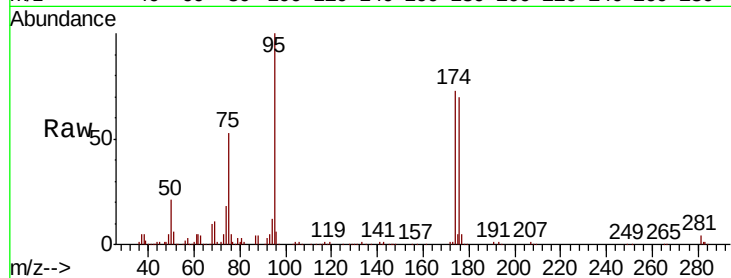
Tot Ion: 95 Resp: 222107

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.4

176 71.7 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)

12.40

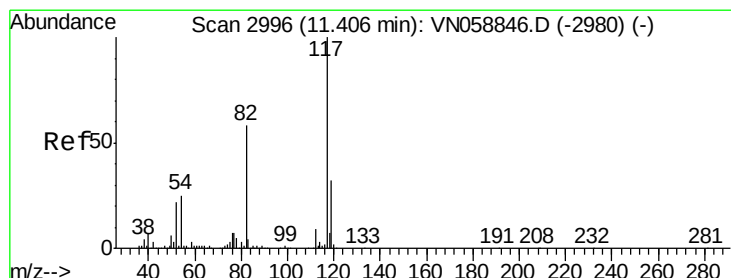
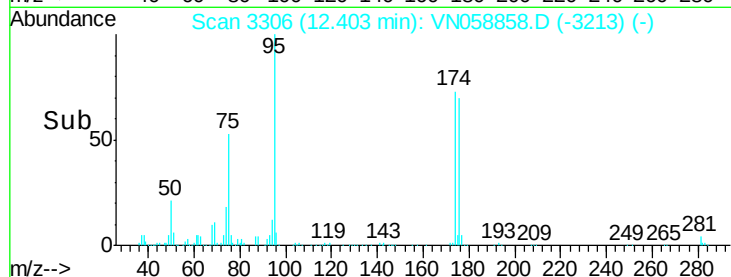
150000

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: VN058858.D

Acq: 18 Oct 2019 15:20

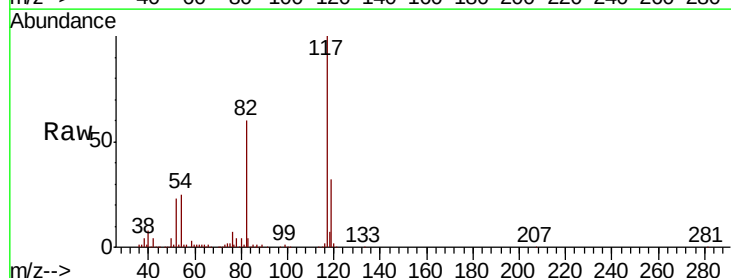
Tgt Ion: 117 Resp: 505422

Ion Ratio Lower Upper

117 100

82 60.0 47.0 70.4

119 32.5 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058846.D (-2980) (-)

11.41

400000

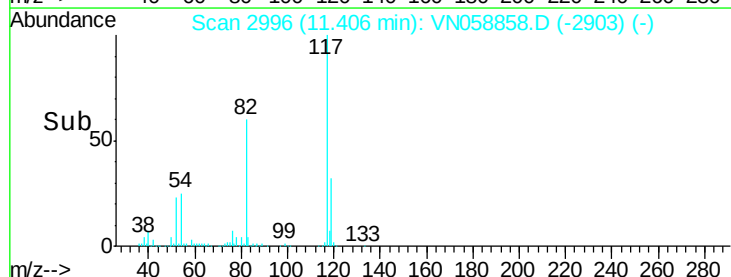
300000

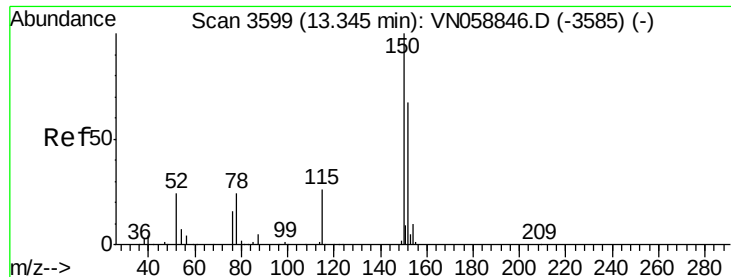
200000

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: VN058858.D

Acq: 18 Oct 2019 15:20

Instrument :

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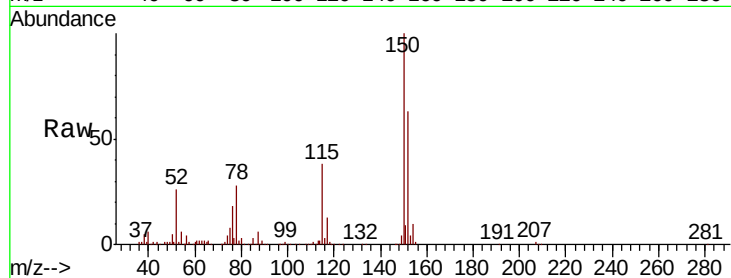
Tot Ion:152 Resp: 174057

Ion Ratio Lower Upper

152 100

115 61.7 30.4 91.2

150 158.8 0.0 345.4



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

