

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059358.D
 Acq On : 22 Nov 2019 12:51
 Operator : JC/SP
 Sample : K5934-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Nov 22 13:47:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

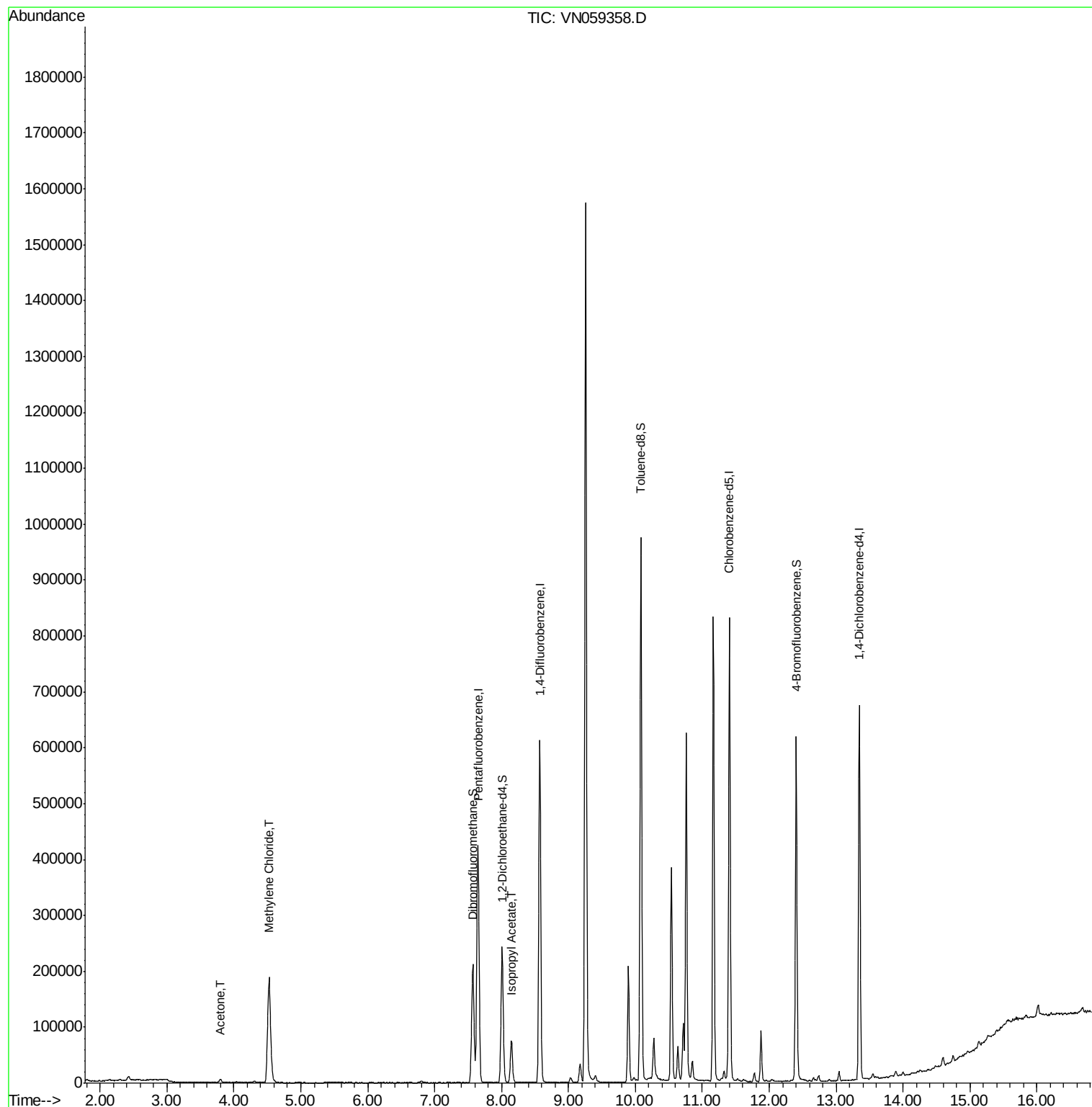
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	362022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	561022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	498321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	206532	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
35) Dibromofluoromethane	7.57	113	168074	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	10.08	98	685267	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.40	95	222723	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
Target Compounds						
16) Acetone	3.80	43	9980	5.124	ug/l	95
20) Methylene Chloride	4.53	84	148659	33.843	ug/l	99
43) Isopropyl Acetate	8.15	43	88450	9.298	ug/l #	91

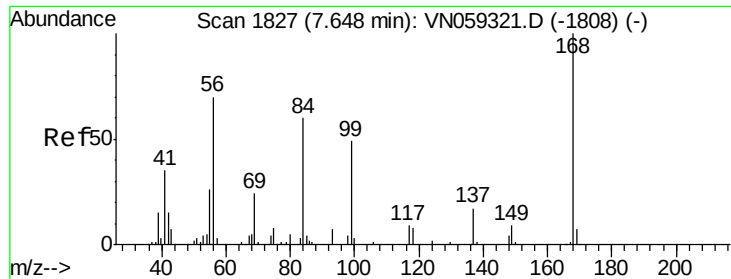
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112219\
Data File : VN059358.D
Acq On : 22 Nov 2019 12:51
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 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: VN059358.D

Acq: 22 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampled :

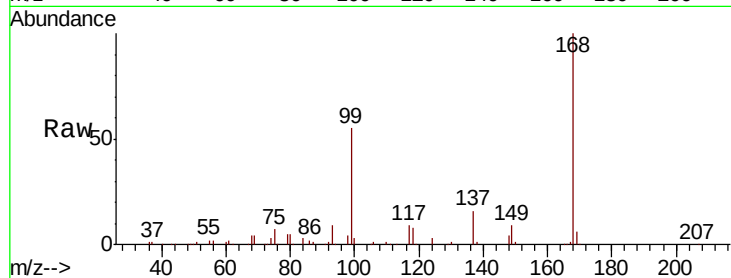
TP-2

Tot Ion:168 Resp: 362022

Ion Ratio Lower Upper

168 100

99 54.5 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

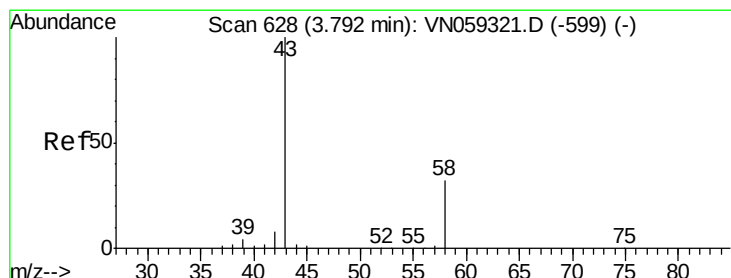
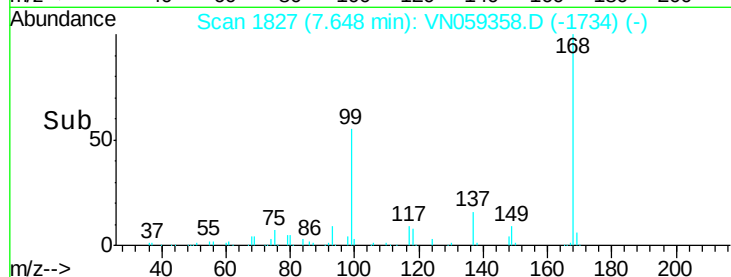
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.124 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN059358.D

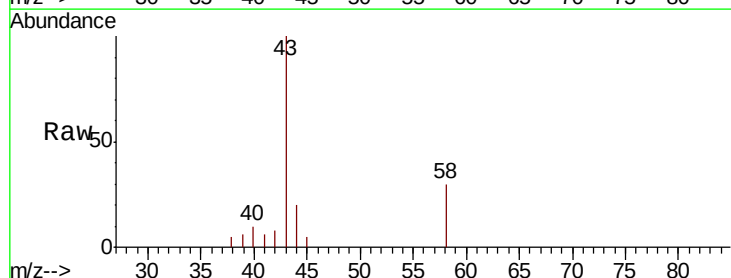
Acq: 22 Nov 2019 12:51

Tgt Ion: 43 Resp: 9980

Ion Ratio Lower Upper

43 100

58 29.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

4000

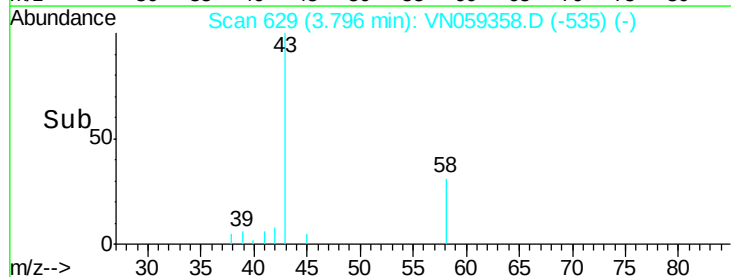
3000

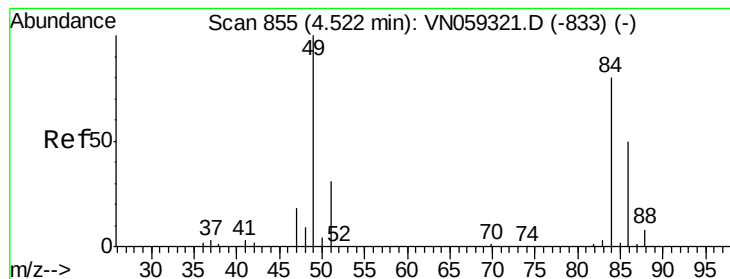
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90





#20

Methvlene Chloride

Concen: 33.843 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059358.D

Acq: 22 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampled :

TP-2

Tot Ion: 84 Resp: 148659

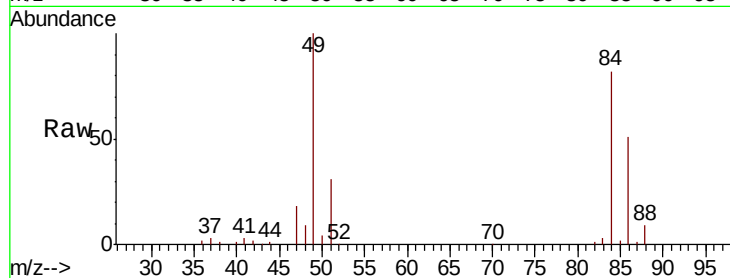
Ion Ratio Lower Upper

84 100

49 122.2 99.5 149.3

51 38.0 31.1 46.7

86 62.2 49.9 74.9

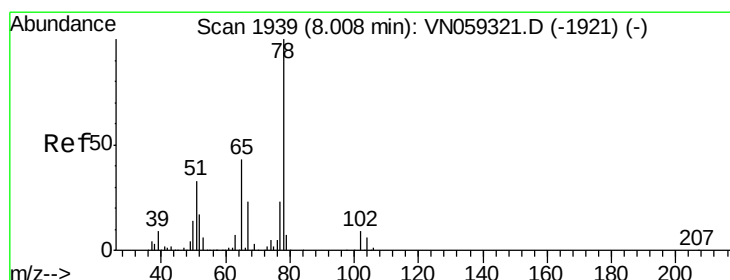
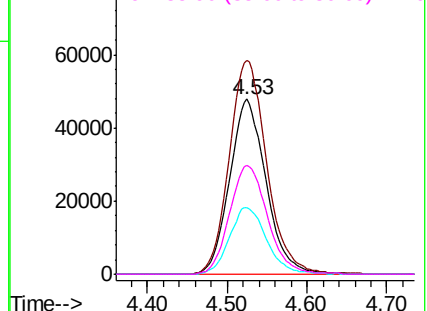
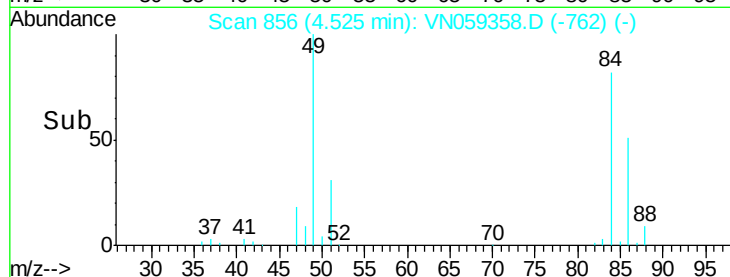


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 47.548 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN059358.D

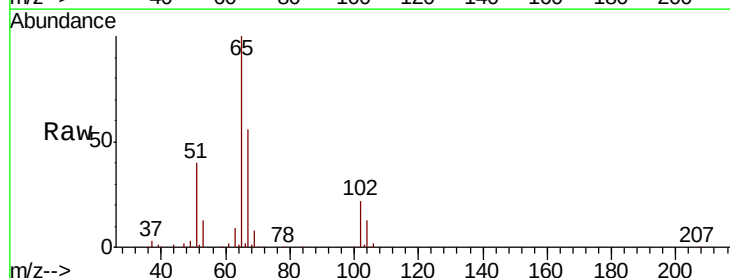
Acq: 22 Nov 2019 12:51

Tgt Ion: 65 Resp: 206532

Ion Ratio Lower Upper

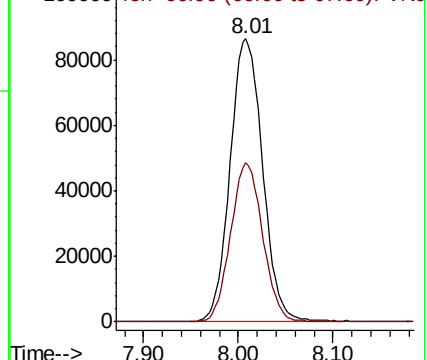
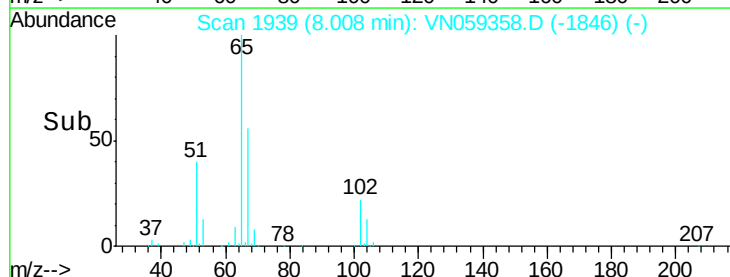
65 100

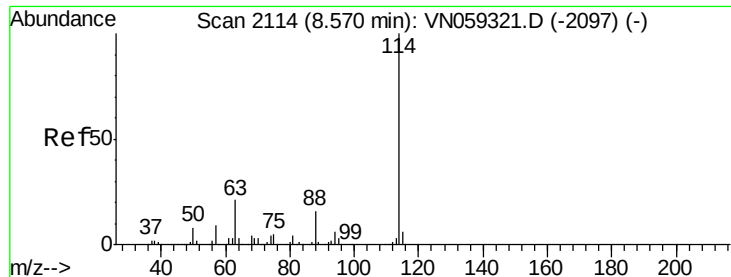
67 55.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

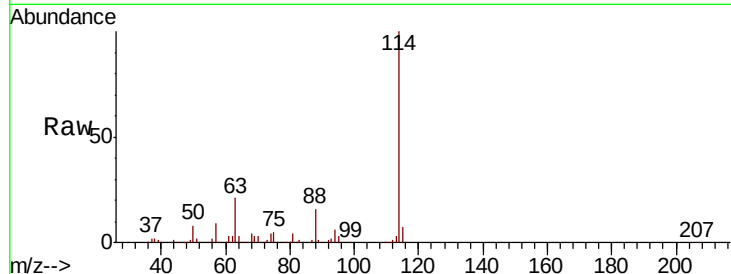




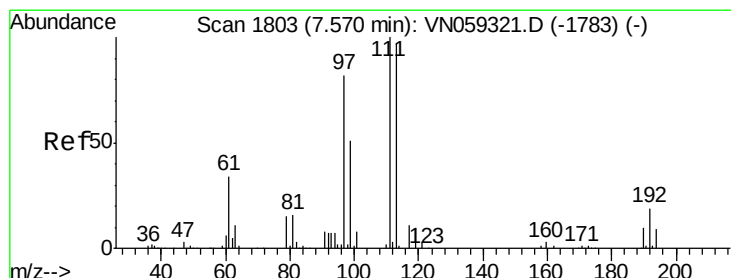
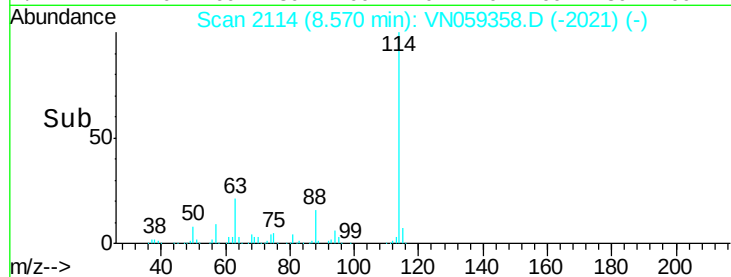
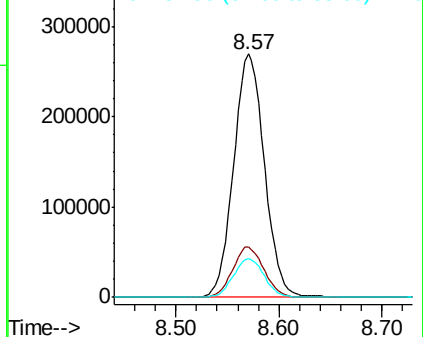
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059358.D
 Acq: 22 Nov 2019 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.2
88	16.0	0.0	32.2

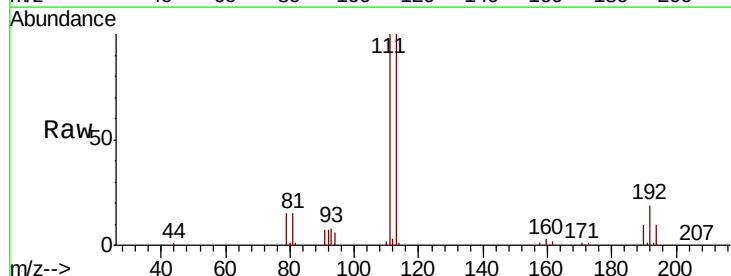


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

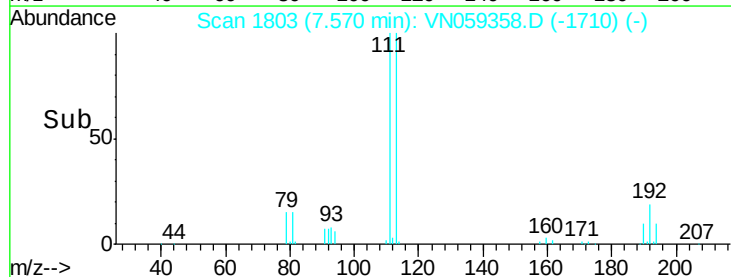
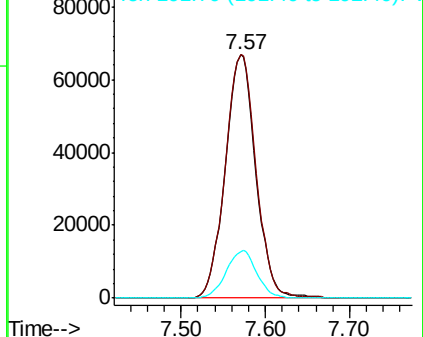


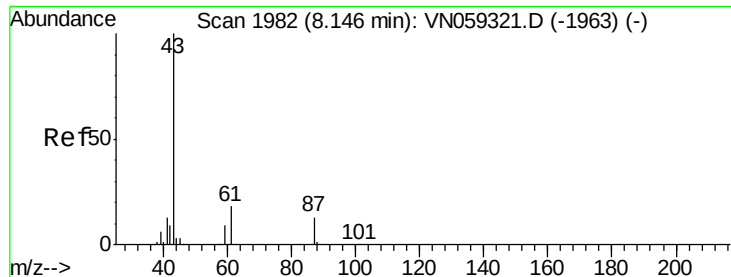
#35
 Dibromofluoromethane
 Concen: 49.936 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN059358.D
 Acq: 22 Nov 2019 12:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.7	124.1
192	19.6	16.3	24.5



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: 9.298 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VN059358.D

Acq: 22 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampled :

TP-2

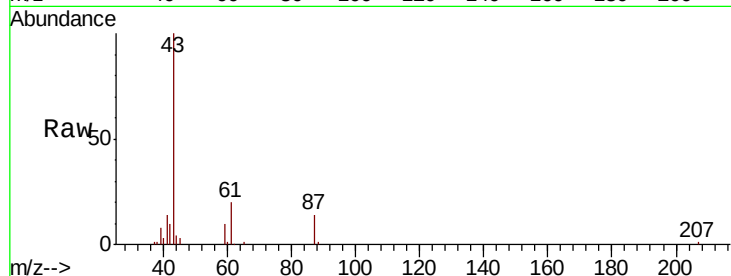
Tot Ion: 43 Resp: 88450

Ion Ratio Lower Upper

43 100

61 20.8 21.7 32.5#

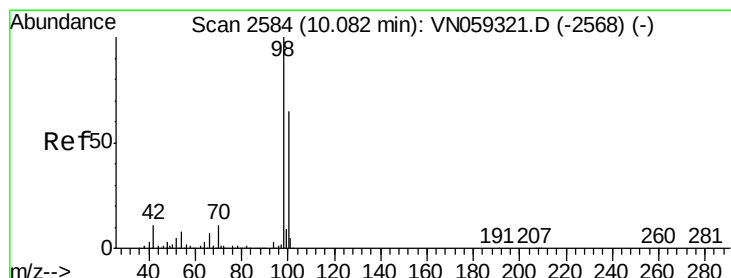
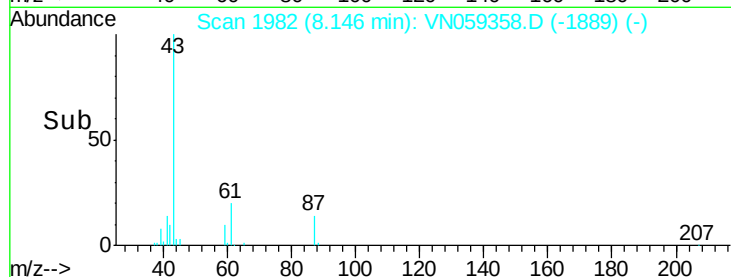
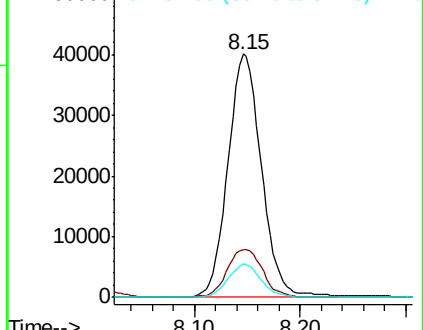
87 13.3 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN059321.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN059321.D (-1963) (-)



#50

Toluene-d8

Concen: 51.213 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059358.D

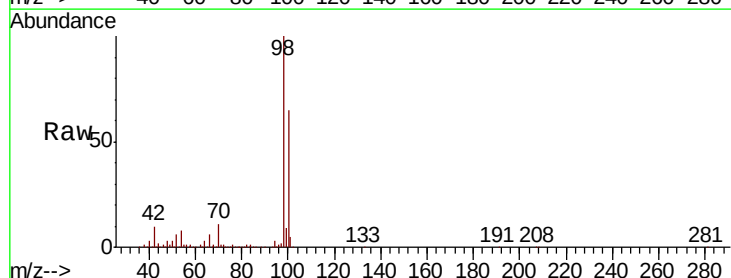
Acq: 22 Nov 2019 12:51

Tgt Ion: 98 Resp: 685267

Ion Ratio Lower Upper

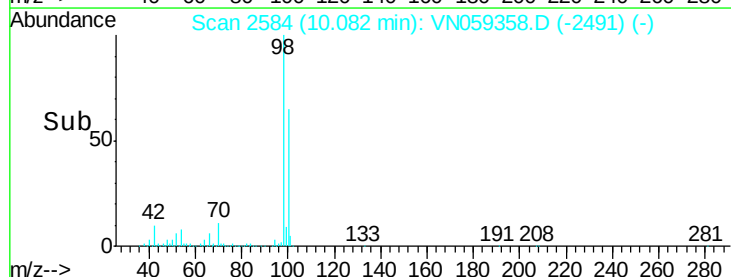
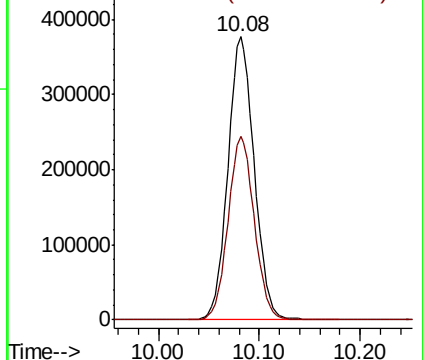
98 100

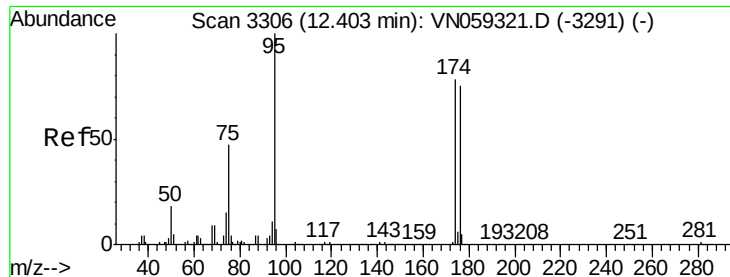
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN059321.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN059321.D (-2568) (-)

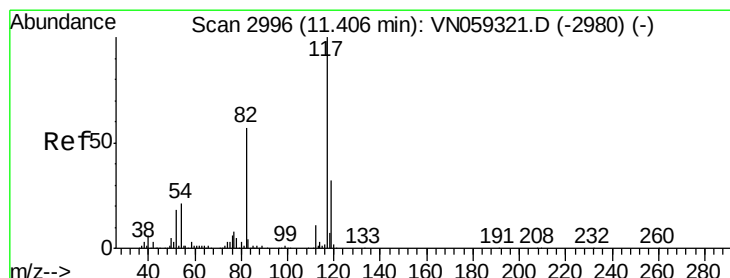
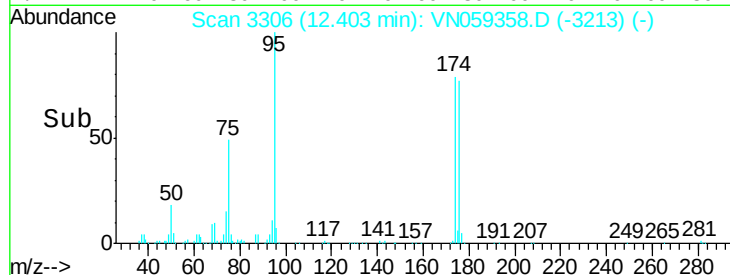
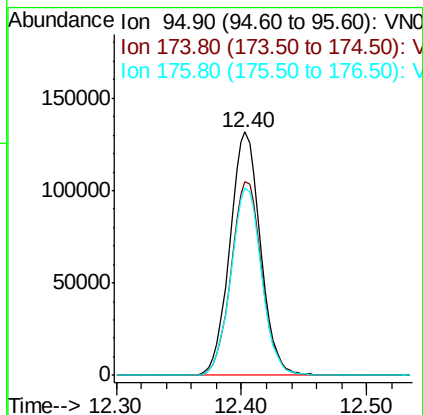
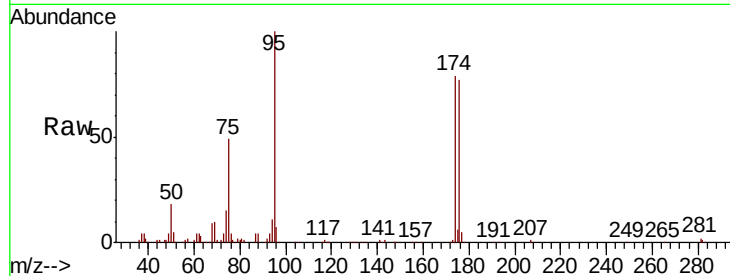




#62
4-Bromofluorobenzene
Concen: 47.605 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN059358.D
Acq: 22 Nov 2019 12:51

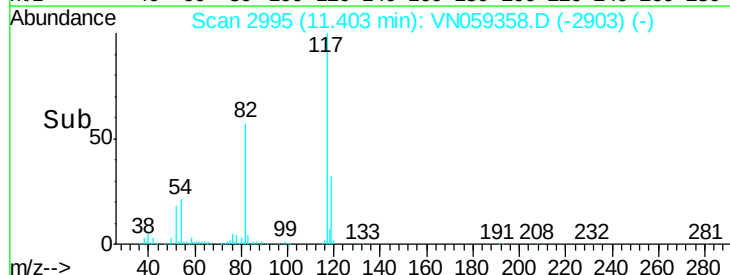
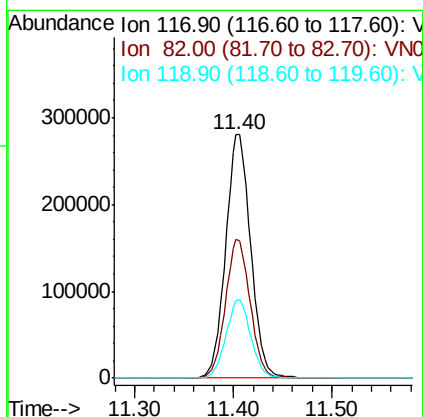
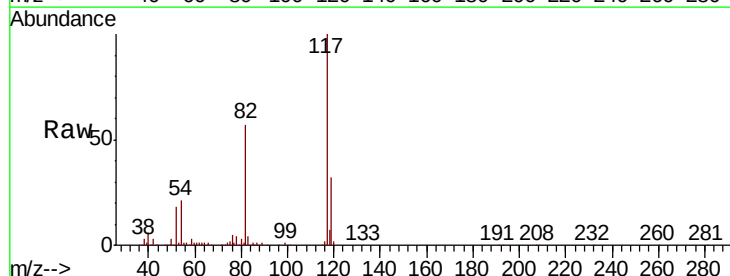
Instrument :
MSVOA_N
ClientSampleId :
TP-2

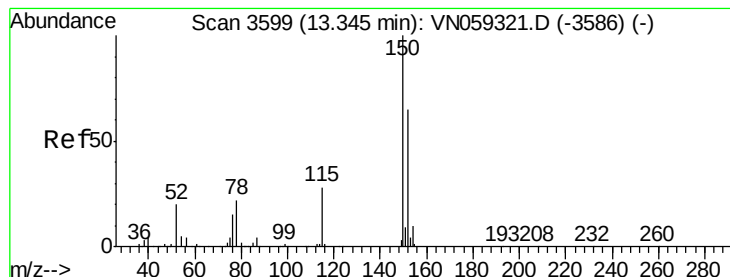
Tot Ion: 95 Resp: 222723
Ion Ratio Lower Upper
95 100
174 79.9 0.0 157.4
176 77.3 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059358.D
Acq: 22 Nov 2019 12:51

Tgt Ion: 117 Resp: 498321
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059358.D

Acq: 22 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

TP-2

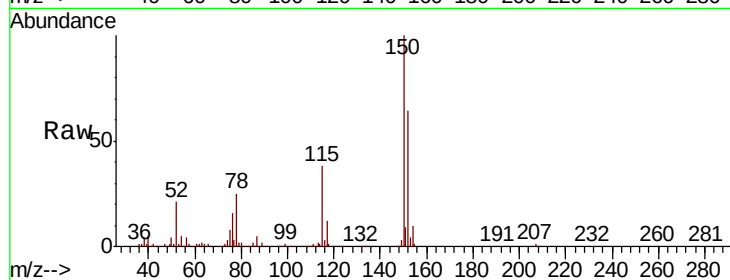
Tot Ion:152 Resp: 187161

Ion Ratio Lower Upper

152 100

115 59.9 29.3 88.0

150 157.5 0.0 346.0



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

