

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110218\
 Data File : VN052127.D
 Acq On : 2 Nov 2018 14:22
 Operator : MD\SY
 Sample : PB114370ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114370ZHE#16

Manual Integrations
 APPROVED

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 11/5/2018 11:53:11 AM

Quant Time: Nov 02 23:16:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	282658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	531925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	503898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	200248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	242734	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
35) Dibromofluoromethane	7.60	113	197473	59.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.68%	
50) Toluene-d8	10.09	98	790621	59.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.88%	
62) 4-Bromofluorobenzene	12.40	95	268961	55.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.18%	
Target Compounds						
16) Acetone	3.82	43	14819	15.306	ug/l	99
20) Methylene Chloride	4.56	84	6091m	1.651	ug/l	
43) Isopropyl Acetate	8.17	43	189484	29.428	ug/l	99

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

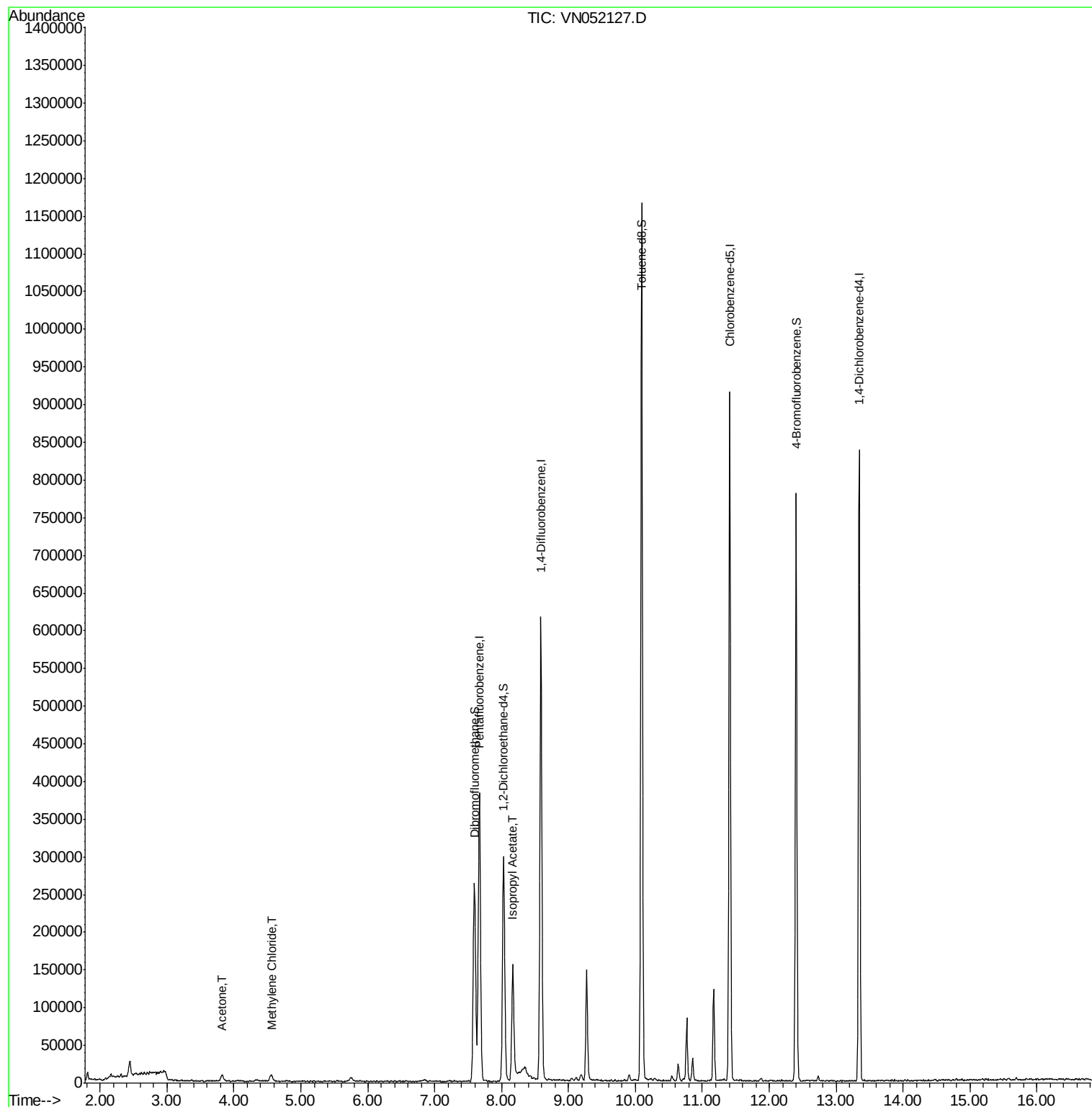
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110218\
Data File : VN052127.D
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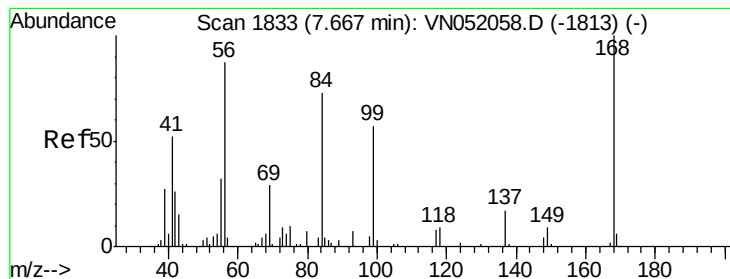
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052127.D

Acq: 2 Nov 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#16

Tot Ion:168 Resp: 282658

Ion Ratio Lower Upper

168 100

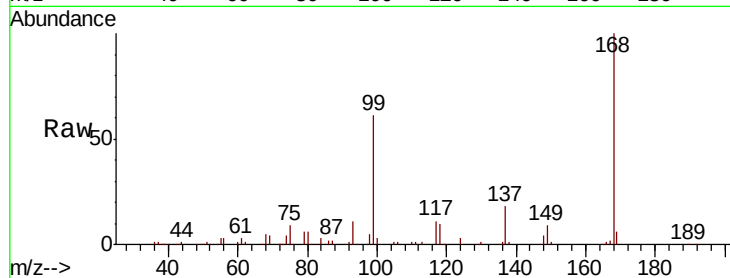
99 61.2 56.6 85.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

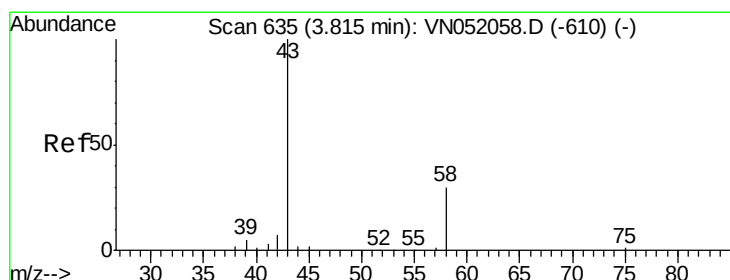
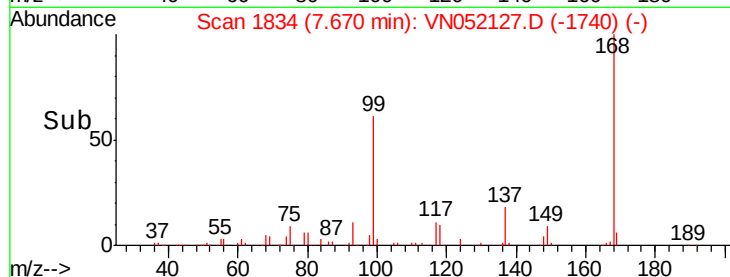
7.67

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 15.306 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052127.D

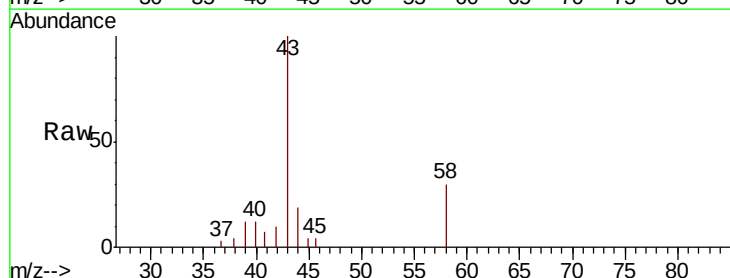
Acq: 2 Nov 2018 14:22

Tgt Ion: 43 Resp: 14819

Ion Ratio Lower Upper

43 100

58 29.8 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

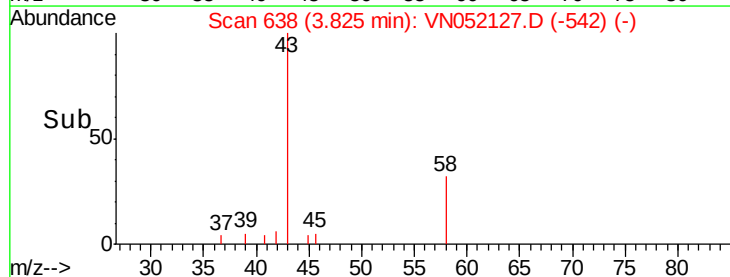
3000

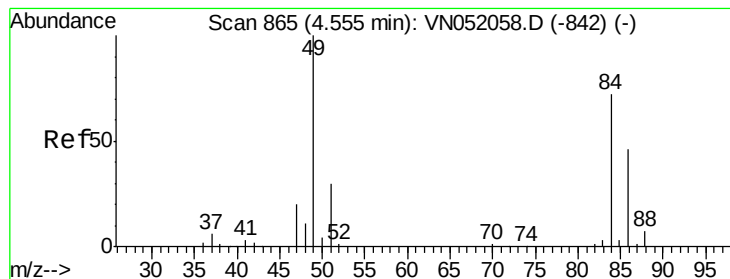
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 1.651 ug/l m

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052127.D

Acq: 2 Nov 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#16

Tot Ion: 84 Resp: 6091

Ion Ratio Lower Upper

84 100

49 141.3 110.6 165.8

51 35.3 33.7 50.5

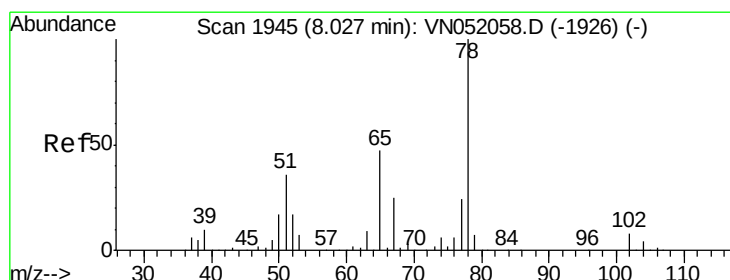
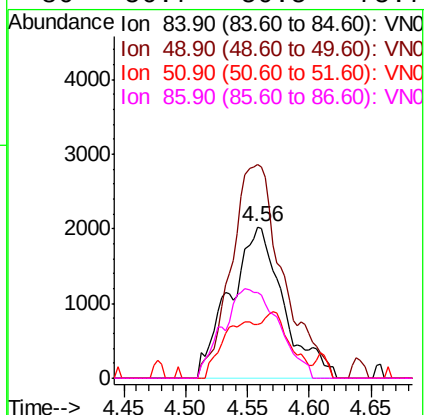
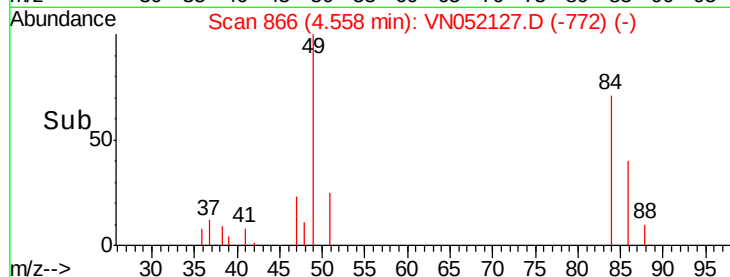
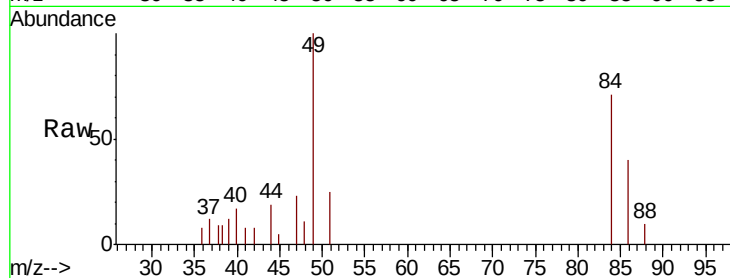
86 56.7 50.5 75.7

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#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052127.D

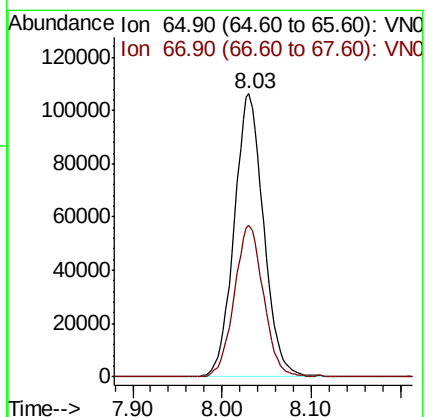
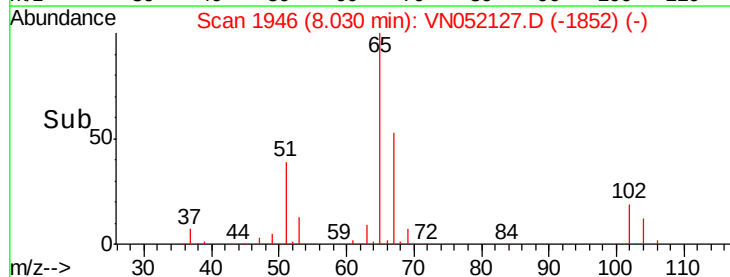
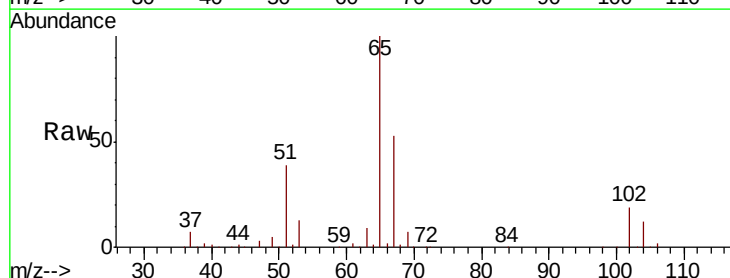
Acq: 2 Nov 2018 14:22

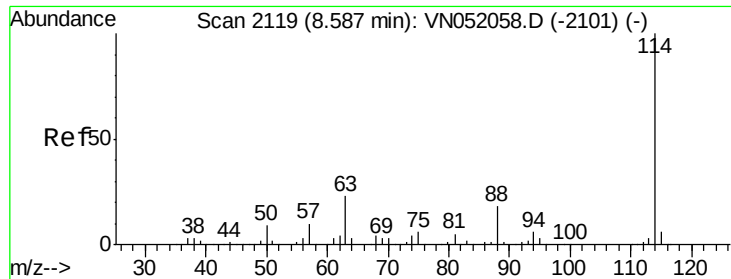
Tgt Ion: 65 Resp: 242734

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.2





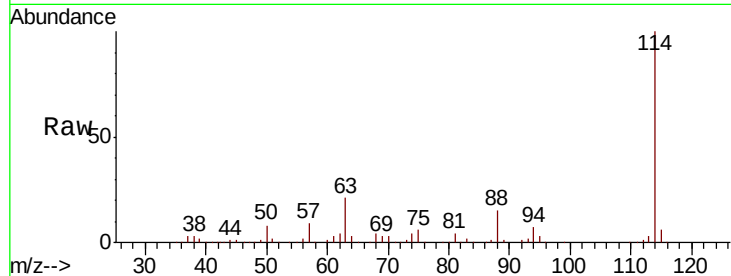
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052127.D
 Acq: 2 Nov 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114370ZHE#16

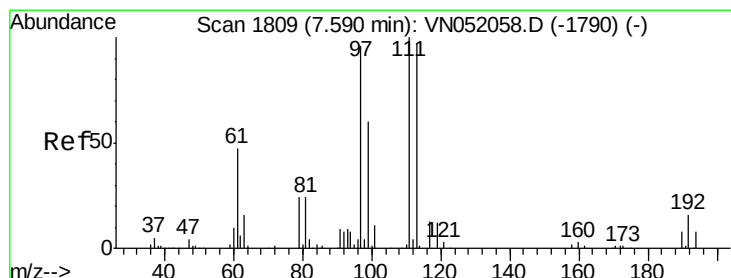
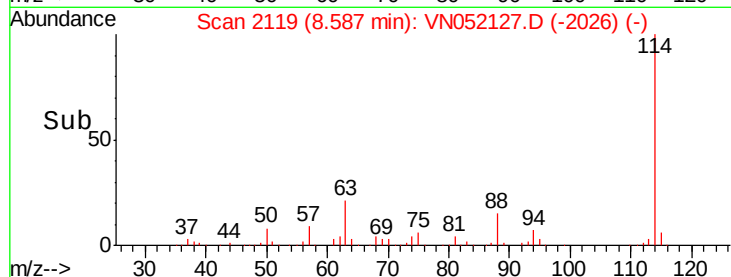
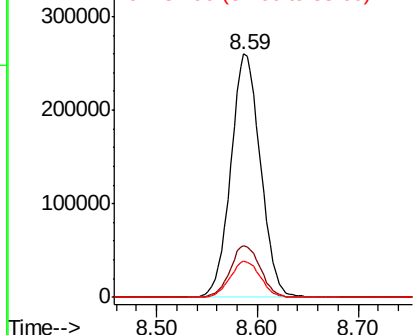
Tot Ion	Ratio	Resp	Lower	Upper
114	100	531925		
63	21.3		0.0	46.0
88	15.1		0.0	35.4

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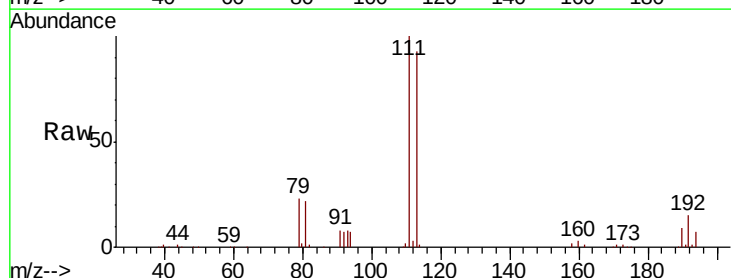


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

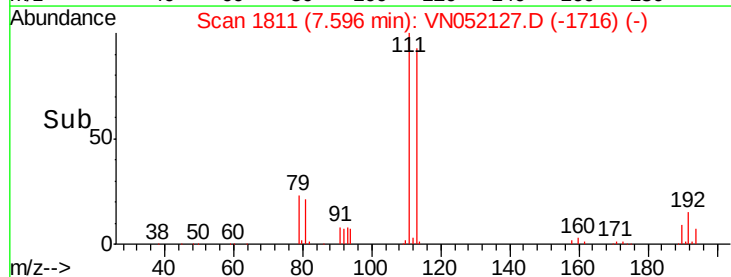
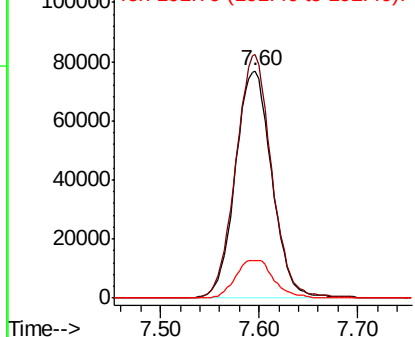


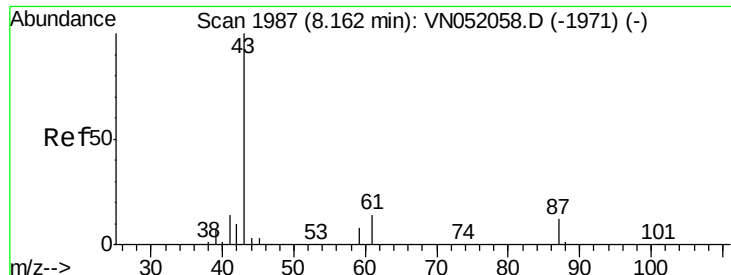
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.60 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VN052127.D
 Acq: 2 Nov 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	197473		
111	105.0		83.1	124.7
192	17.3		12.7	19.1



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: 29.428 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052127.D

Acq: 2 Nov 2018 14:22

Instrument :

MSVOA_N

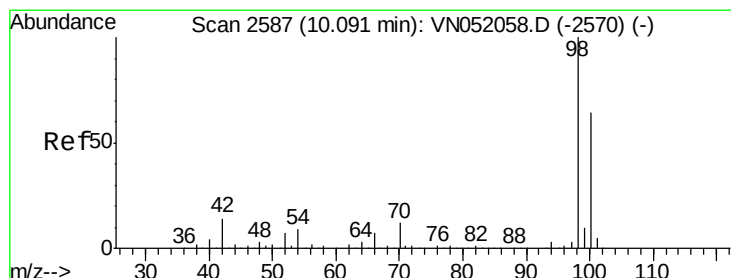
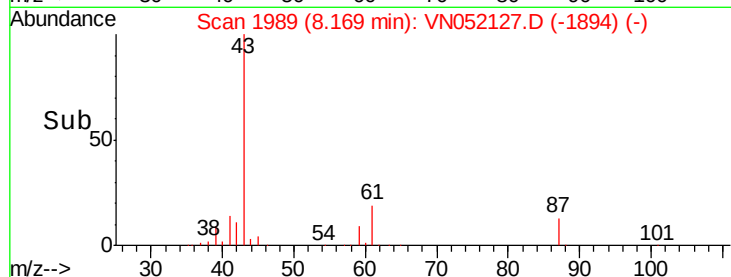
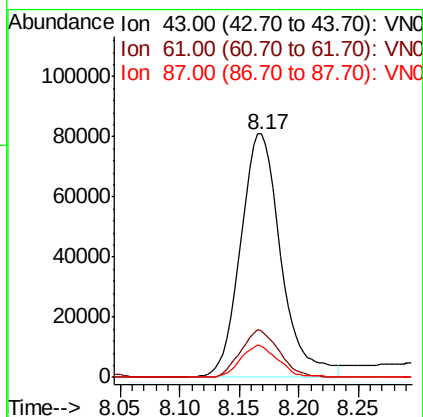
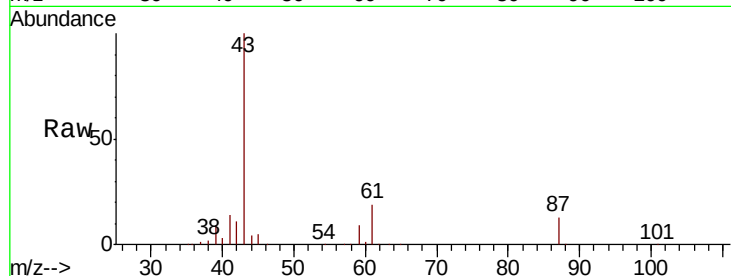
ClientSampleId :

PB114370ZHE#16

Tot Ion:	43	Resp:	189484
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.4	23.0
87	12.4	9.8	14.8

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#50

Toluene-d8

Concen: N.D. ug/l

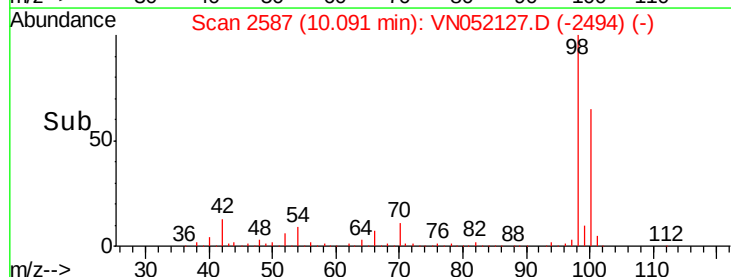
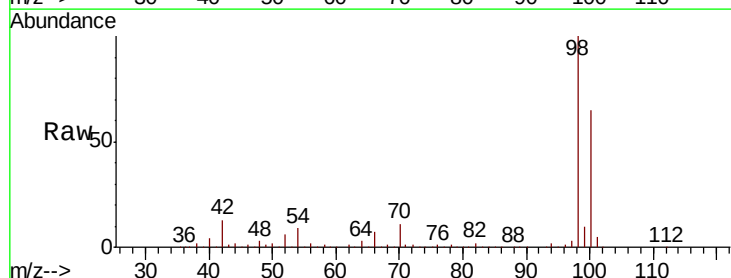
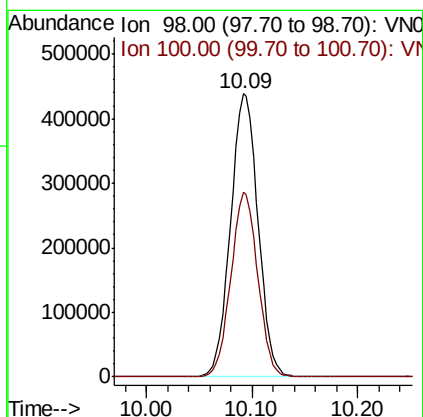
RT: 10.09 min Scan# 2587

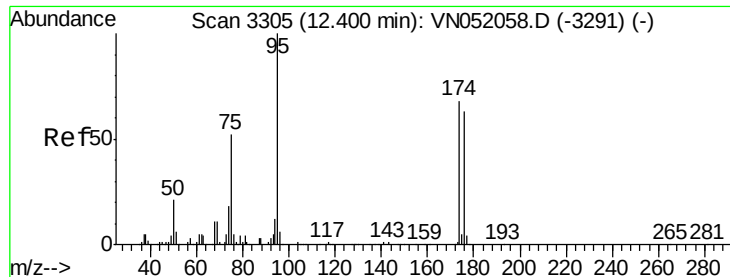
Delta R.T. -0.00 min

Lab File: VN052127.D

Acq: 2 Nov 2018 14:22

Tgt Ion:	98	Resp:	790621
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.2





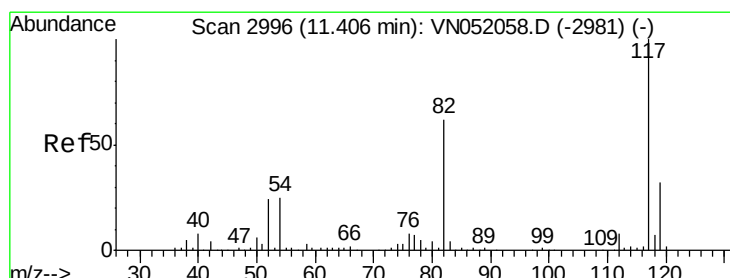
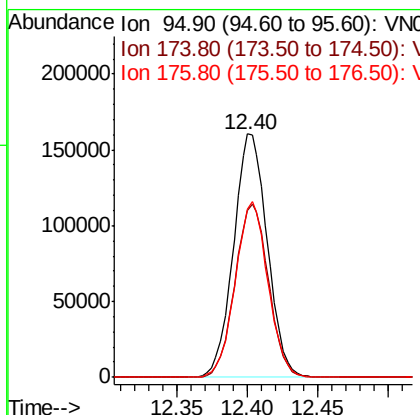
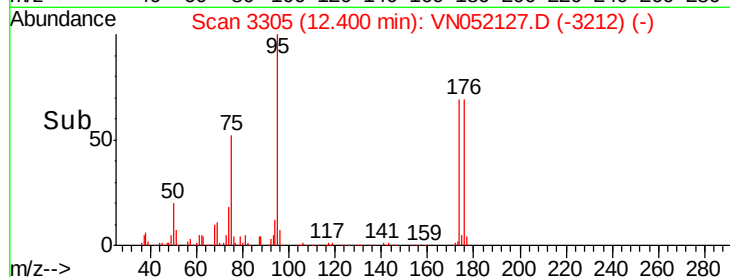
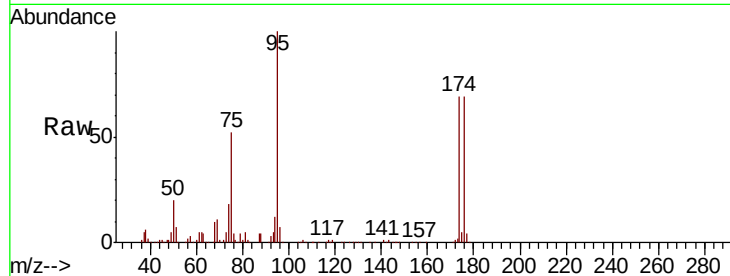
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052127.D
Acq: 2 Nov 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#16

Tot Ion	Ratio	Resp	Lower	Upper
95	100	268961		
174	70.8	0.0	131.8	
176	69.9	0.0	126.0	

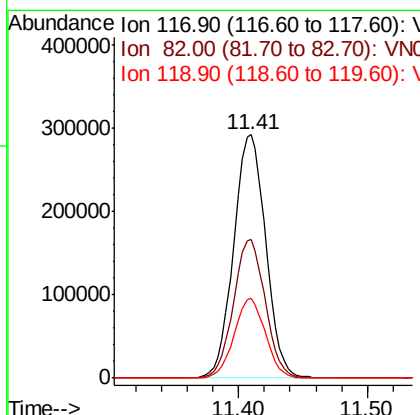
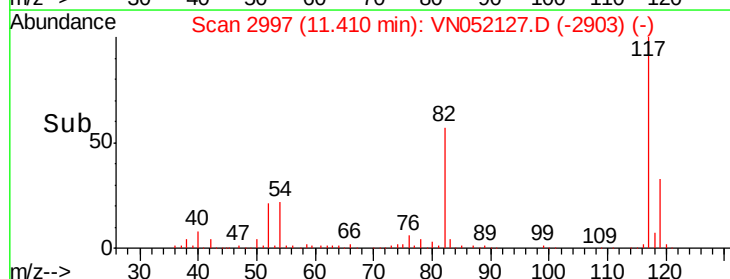
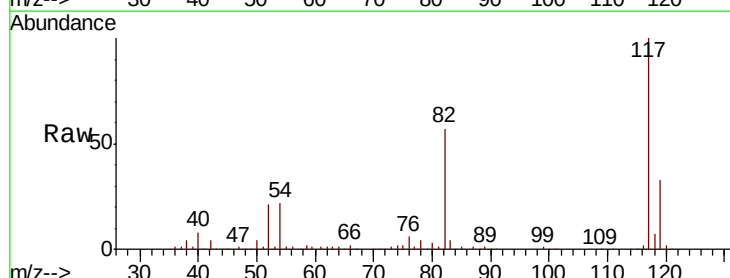
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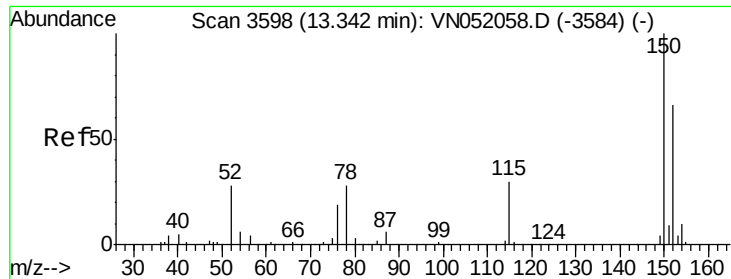
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052127.D
Acq: 2 Nov 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	503898		
82	56.7	49.9	74.9	
119	32.7	25.7	38.5	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN052127.D
 Acq: 2 Nov 2018 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114370ZHE#16

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.4	31.6	95.0
150	160.2	0.0	345.0

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