

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053821.D
 Acq On : 16 Feb 2019 1:33
 Operator : JC/SP
 Sample : PB117124ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117124ZHE#06

Quant Time: Feb 16 05:59:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

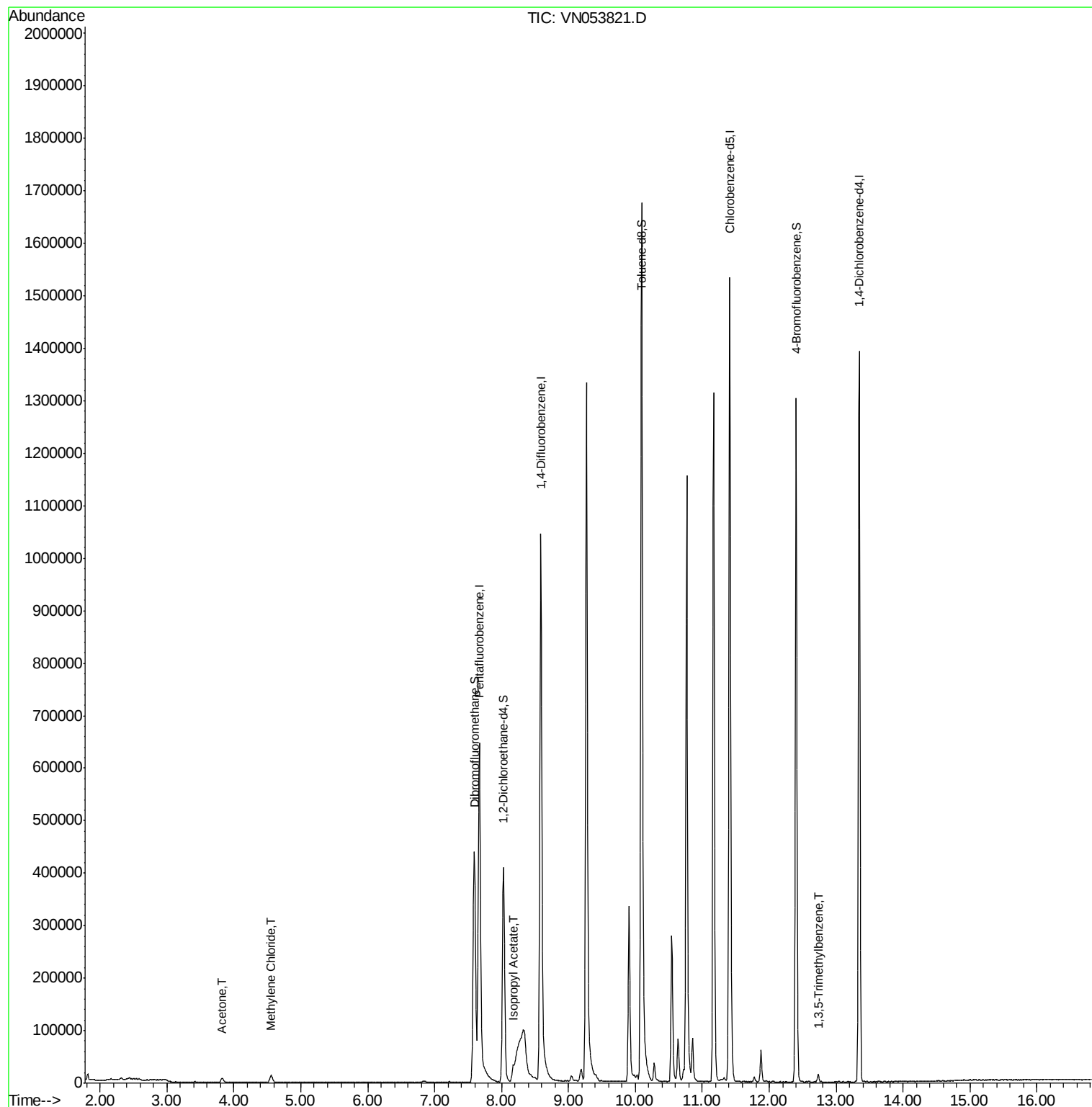
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	667093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1102397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1045340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	416351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	352611	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
35) Dibromofluoromethane	7.59	113	346449	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.09	98	1379482	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.40	95	451008	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
Target Compounds						
16) Acetone	3.82	43	15478	9.017	ug/l	94
20) Methylene Chloride	4.56	84	10802	1.500	ug/l	90
43) Isopropyl Acetate	8.18	43	31919	2.978	ug/l #	82
80) 1,3,5-Trimethylbenzene	12.73	105	7635	0.315	ug/l	94

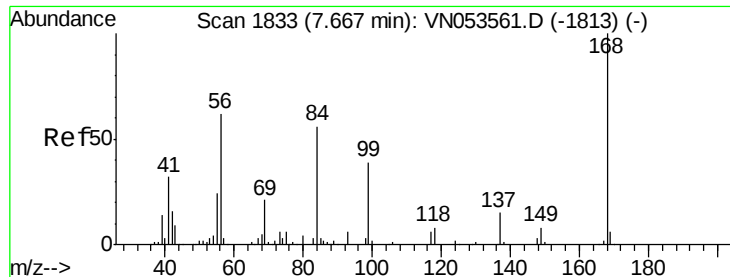
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN053821.D

Acq: 16 Feb 2019 1:33

Instrument :

MSVOA_N

ClientSampleId :

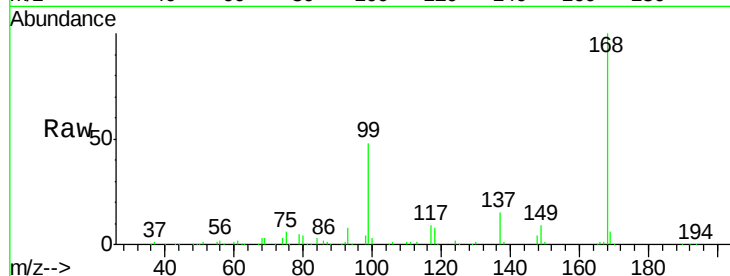
PB117124ZHE#06

Tot Ion:168 Resp: 667093

Ion Ratio Lower Upper

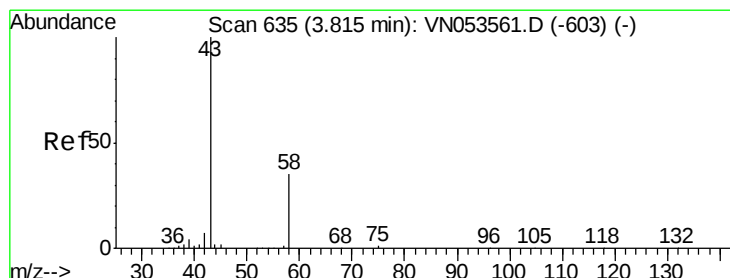
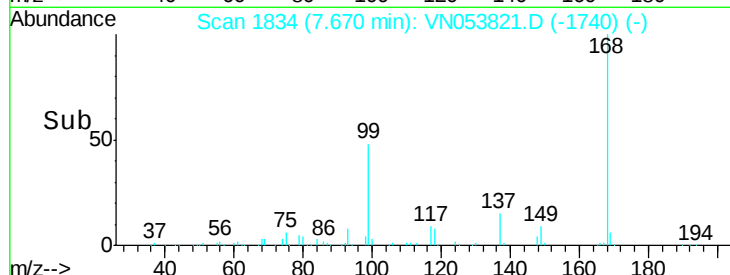
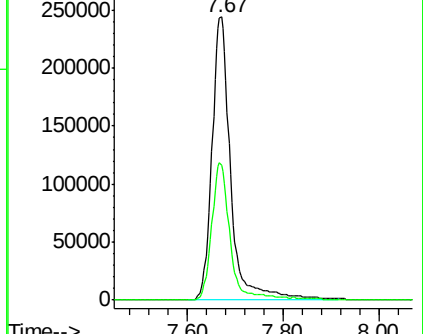
168 100

99 47.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.017 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053821.D

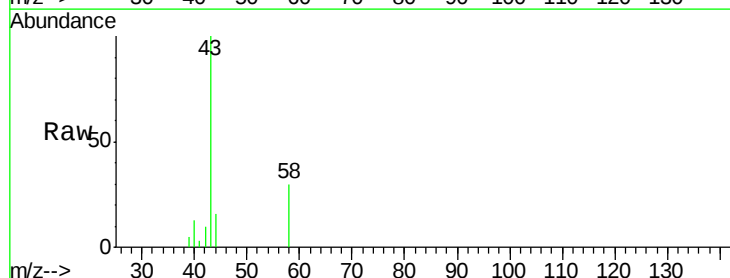
Acq: 16 Feb 2019 1:33

Tgt Ion: 43 Resp: 15478

Ion Ratio Lower Upper

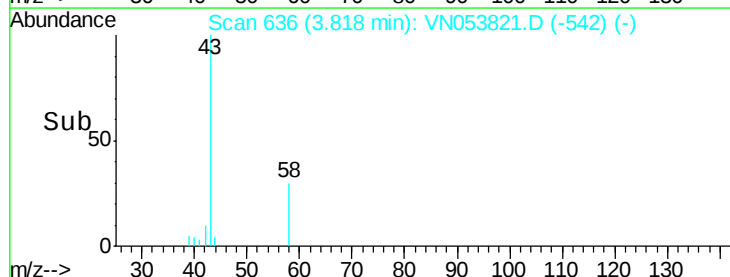
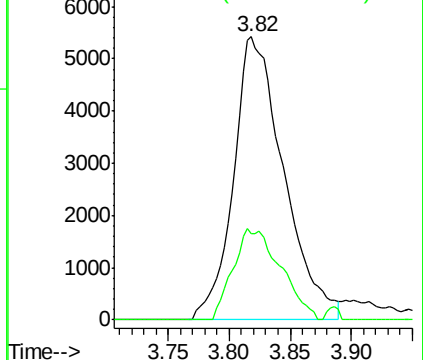
43 100

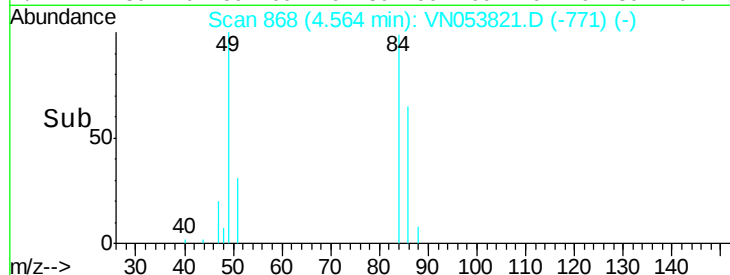
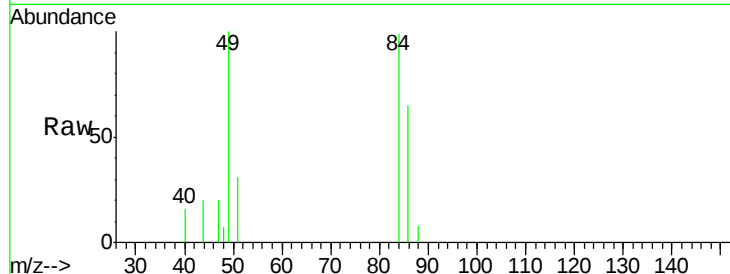
58 30.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

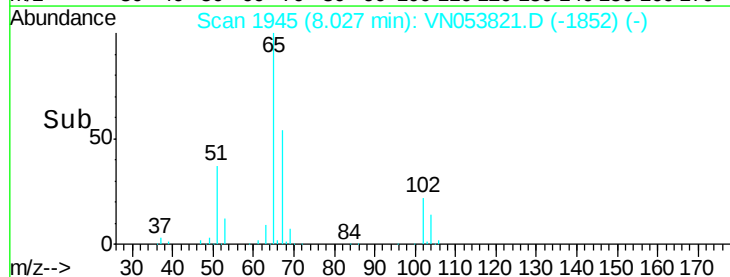
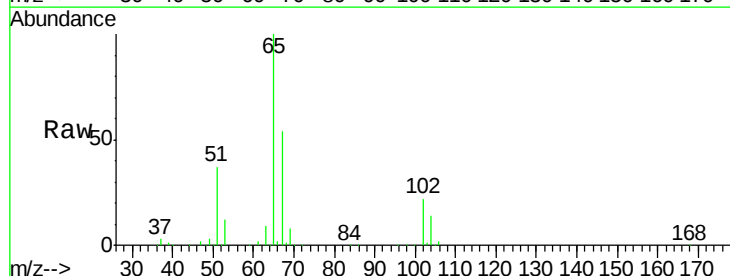
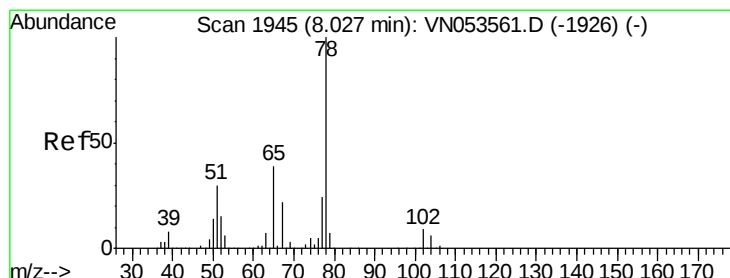
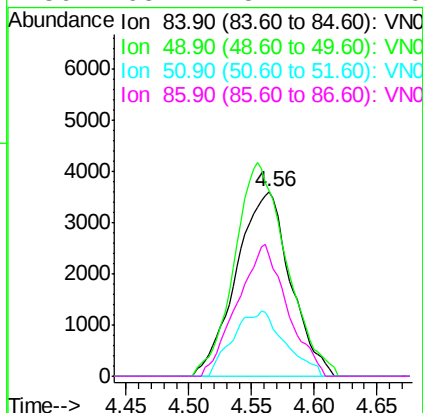




#20
Methvlene Chloride
Concen: 1.500 ug/l
RT: 4.56 min Scan# 868
Delta R.T. 0.01 min
Lab File: VN053821.D
Acq: 16 Feb 2019 1:33

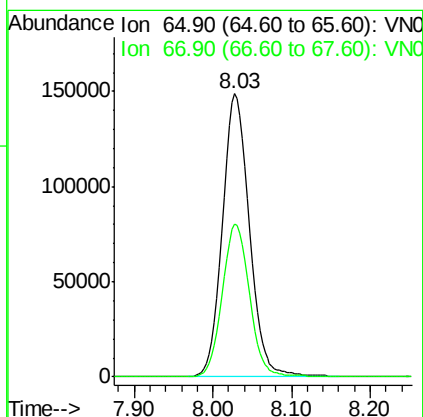
Instrument :
MSVOA_N
ClientSampleId :
PB117124ZHE#06

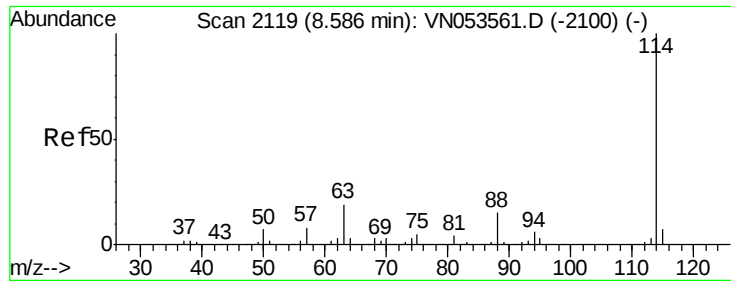
Tot Ion:	84	Resp:	10802
Ion	Ratio	Lower	Upper
84	100		
49	100.8	94.3	141.5
51	31.2	29.4	44.2
86	65.1	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 52.690 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053821.D
Acq: 16 Feb 2019 1:33

Tgt Ion:	65	Resp:	352611
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053821.D

Acq: 16 Feb 2019 1:33

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#06

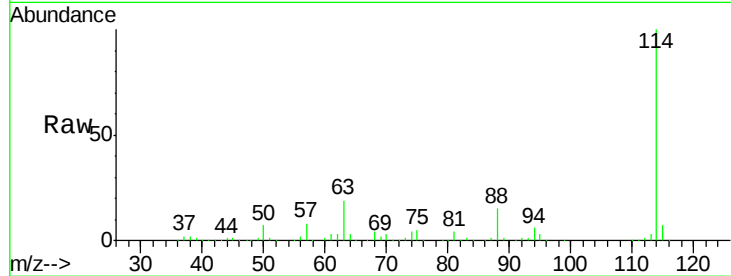
Tot Ion:114 Resp: 1102397

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

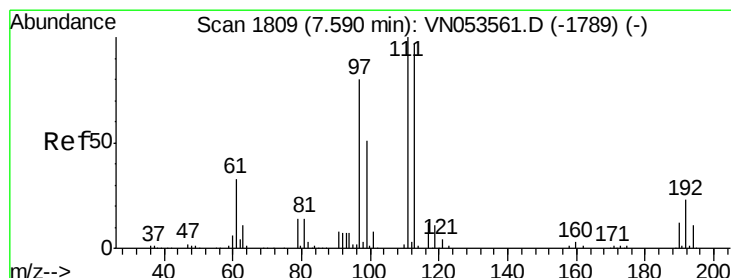
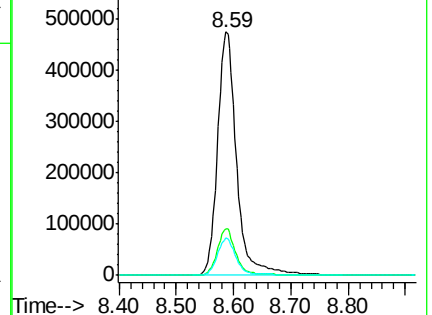
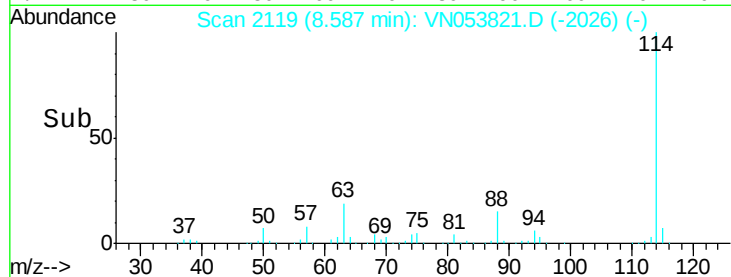
88 15.3 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 49.736 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053821.D

Acq: 16 Feb 2019 1:33

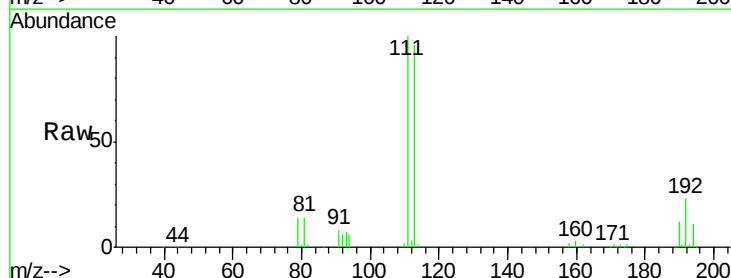
Tgt Ion:113 Resp: 346449

Ion Ratio Lower Upper

113 100

111 104.9 81.1 121.7

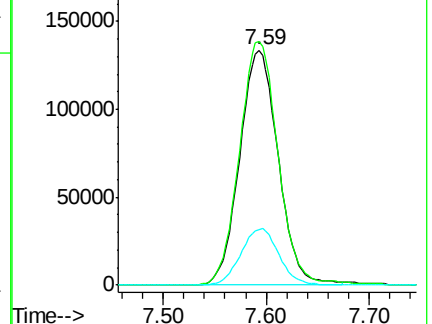
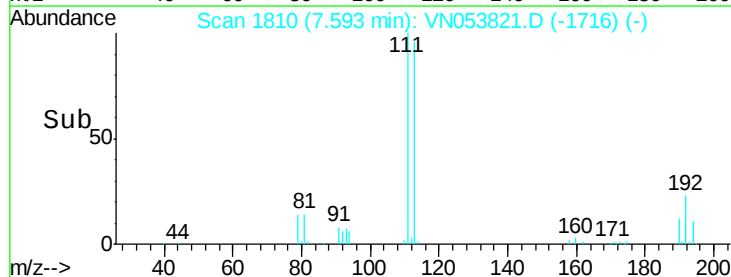
192 23.8 18.2 27.2

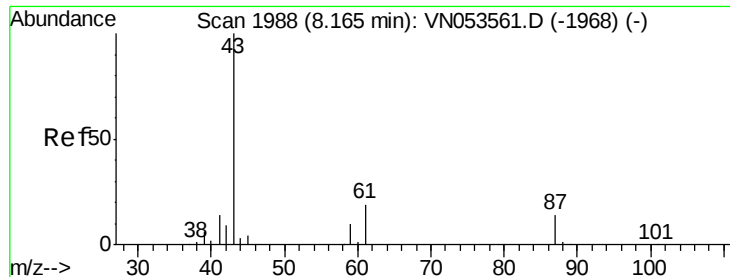


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.978 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053821.D

Acq: 16 Feb 2019 1:33

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#06

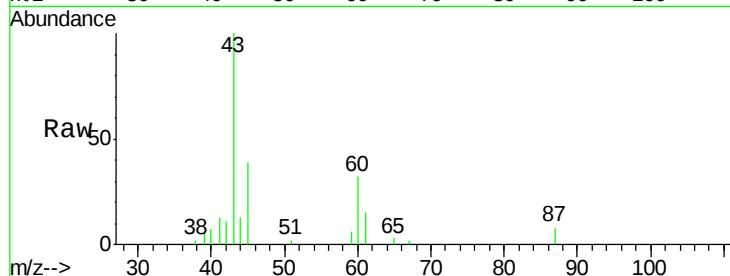
Tot Ion: 43 Resp: 31919

Ion Ratio Lower Upper

43 100

61 17.7 23.9 35.9#

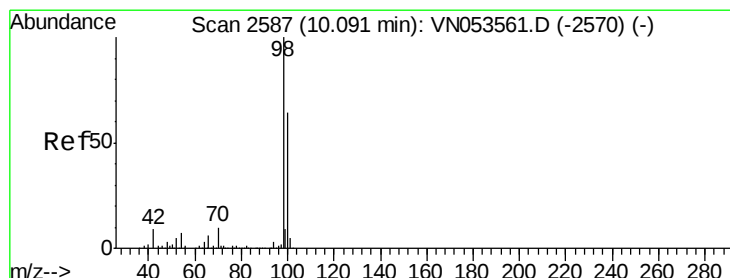
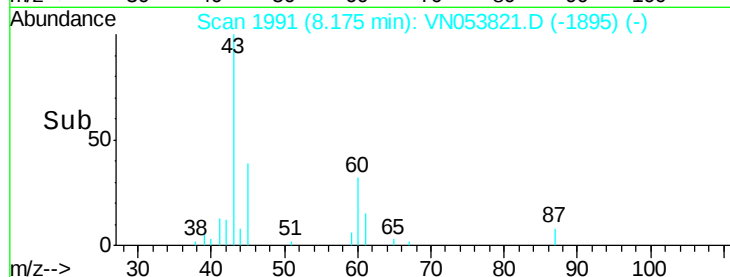
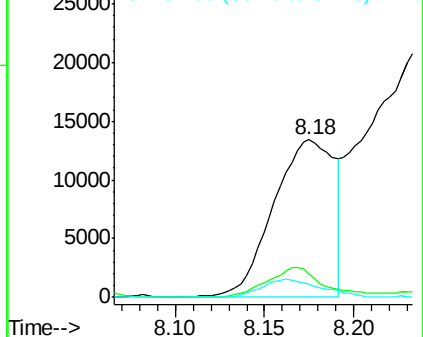
87 11.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.743 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053821.D

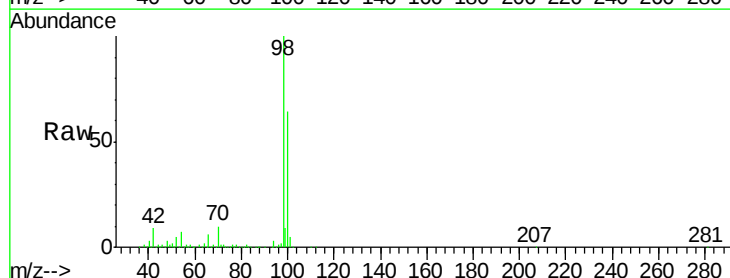
Acq: 16 Feb 2019 1:33

Tgt Ion: 98 Resp: 1379482

Ion Ratio Lower Upper

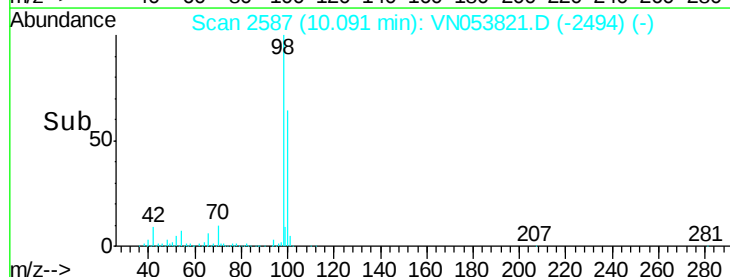
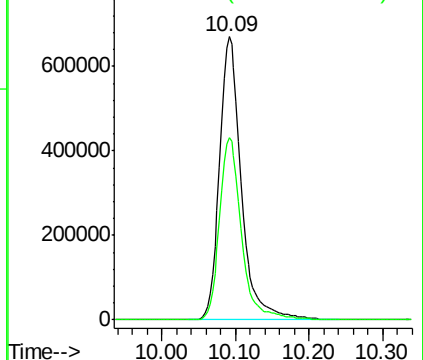
98 100

100 64.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.703 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053821.D

Acq: 16 Feb 2019 1:33

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#06

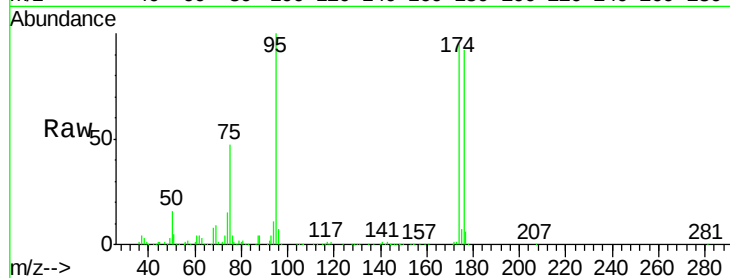
Tot Ion: 95 Resp: 451008

Ion Ratio Lower Upper

95 100

174 94.6 0.0 183.2

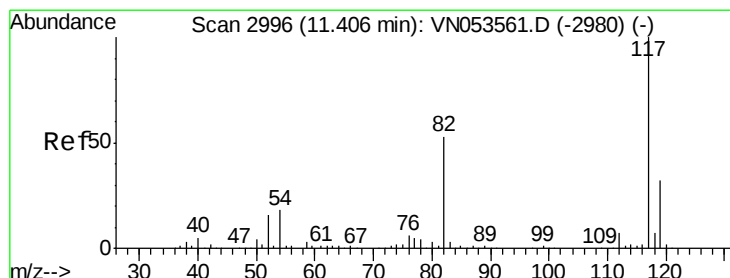
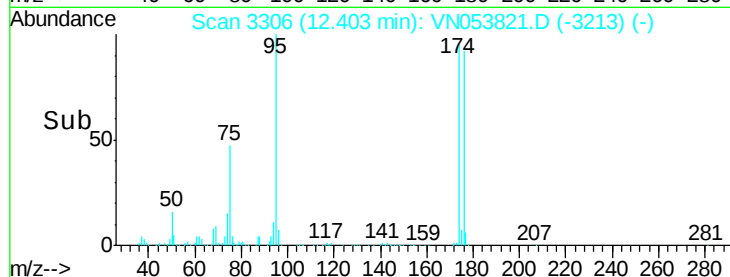
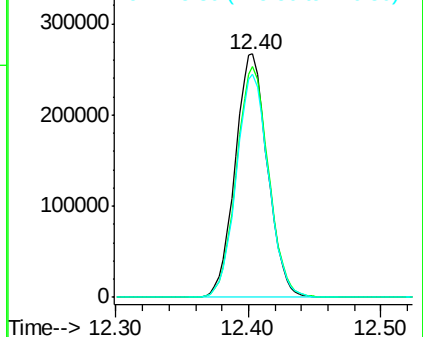
176 91.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053821.D

Acq: 16 Feb 2019 1:33

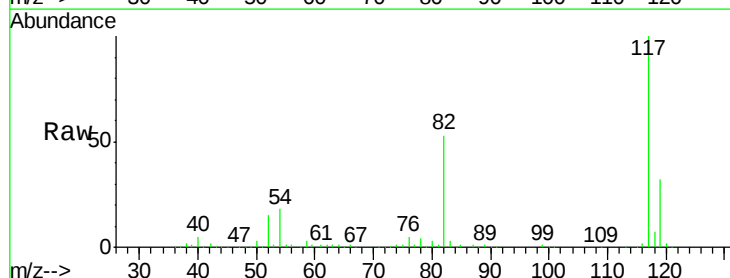
Tgt Ion: 117 Resp: 1045340

Ion Ratio Lower Upper

117 100

82 52.8 42.9 64.3

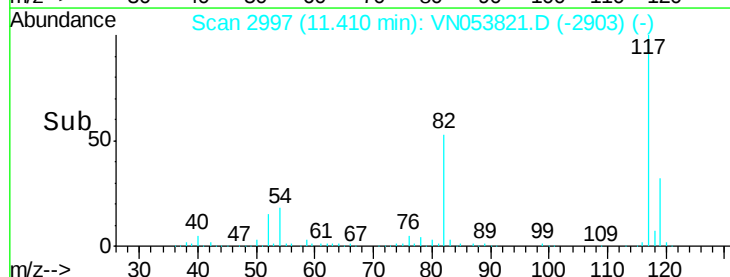
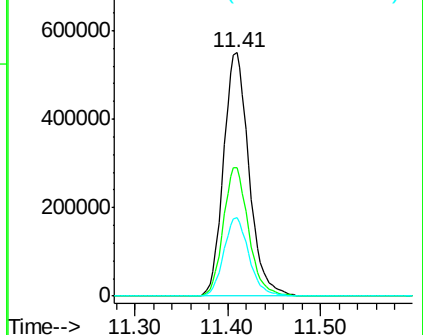
119 32.1 26.0 39.0

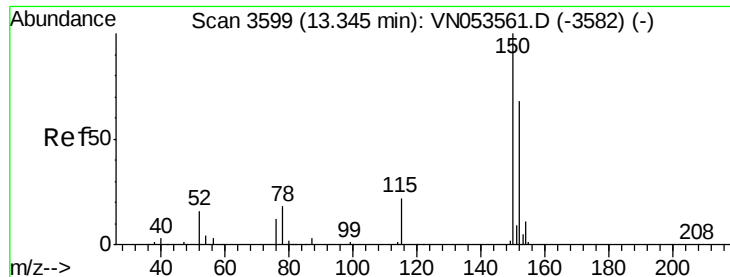


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053821.D

Acq: 16 Feb 2019 1:33

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#06

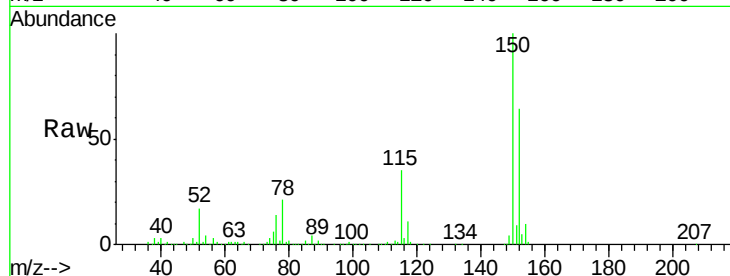
Tot Ion:152 Resp: 416351

Ion Ratio Lower Upper

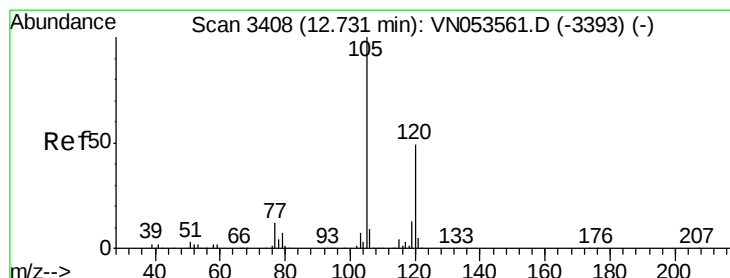
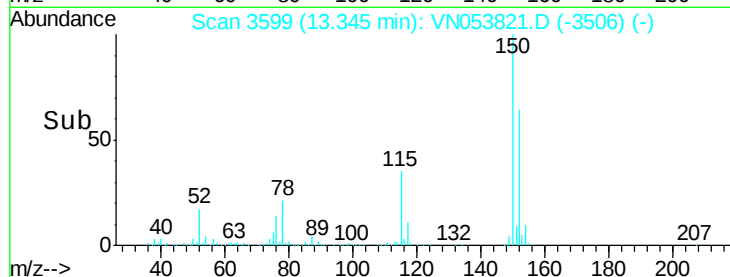
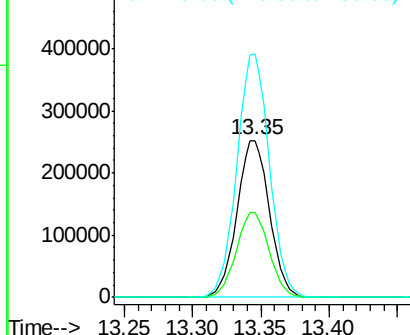
152 100

115 54.7 27.8 83.4

150 155.8 0.0 349.0



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



#80

1,3,5-Trimethylbenzene

Concen: 0.315 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053821.D

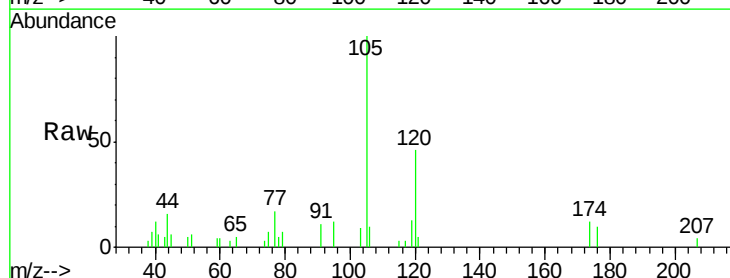
Acq: 16 Feb 2019 1:33

Tgt Ion:105 Resp: 7635

Ion Ratio Lower Upper

105 100

120 45.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

