

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022519\
 Data File : VN053933.D
 Acq On : 25 Feb 2019 16:56
 Operator : JC/SP
 Sample : PB117322TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117322TB

Quant Time: Feb 28 04:34:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

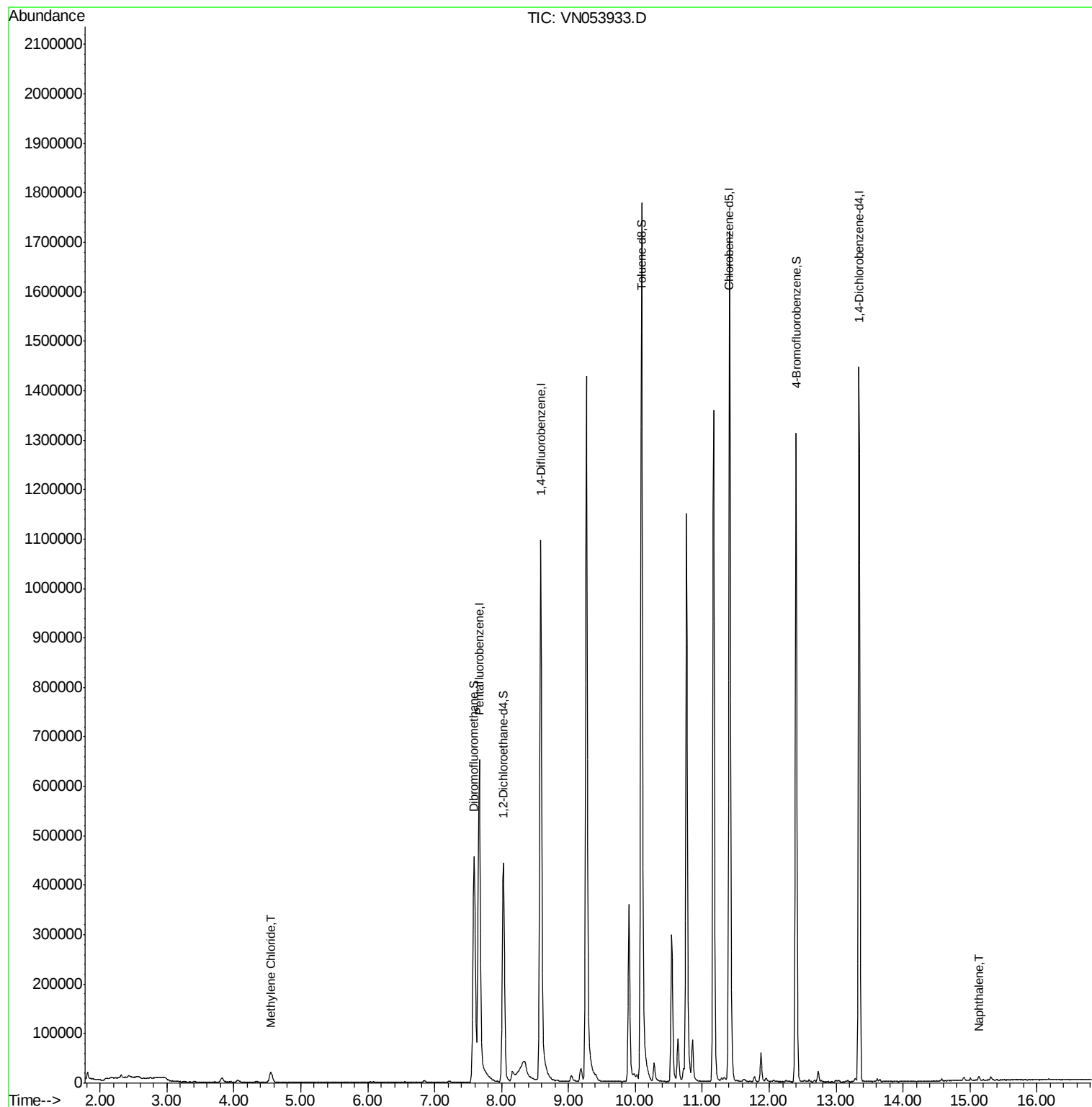
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1100480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1071108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	396493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	379475	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
35) Dibromofluoromethane	7.59	113	358227	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
50) Toluene-d8	10.09	98	1401721	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.40	95	460264	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
Target Compounds						
20) Methylene Chloride	4.55	84	15640	2.175	ug/l	94
95) Naphthalene	15.13	128	7443	3.655	ug/l	96

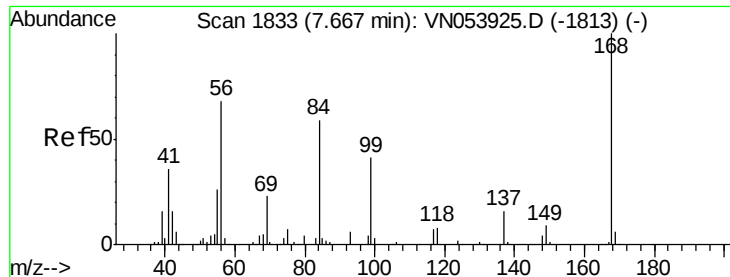
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

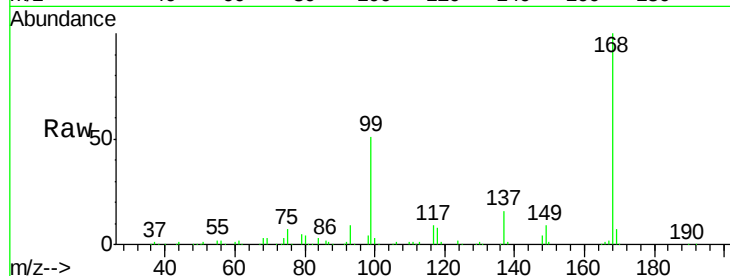
PB117322TB

Tot Ion:168 Resp: 619935

Ion Ratio Lower Upper

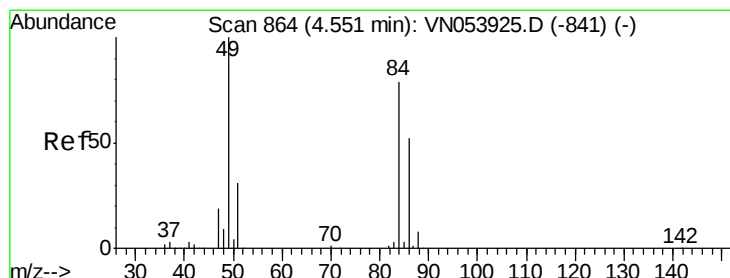
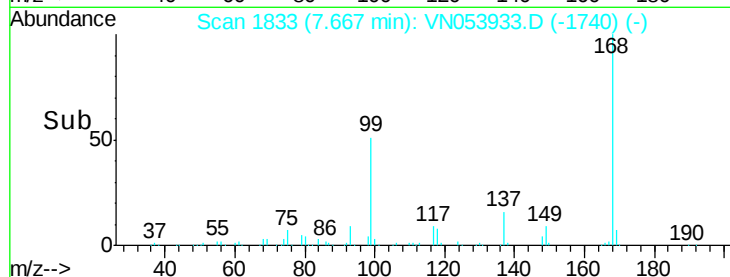
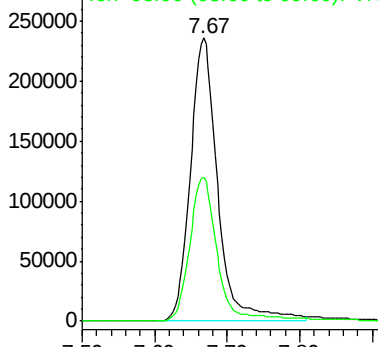
168 100

99 50.9 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 2.175 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Tgt Ion: 84 Resp: 15640

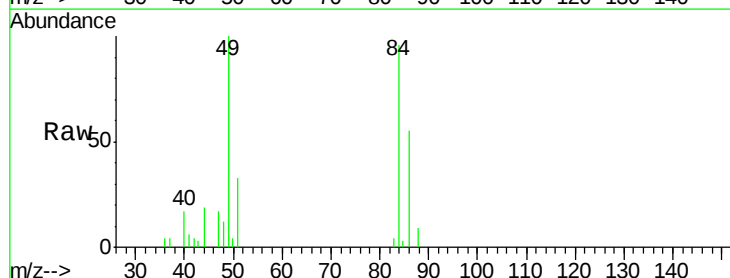
Ion Ratio Lower Upper

84 100

49 104.3 89.7 134.5

51 34.3 27.8 41.8

86 57.8 51.3 76.9

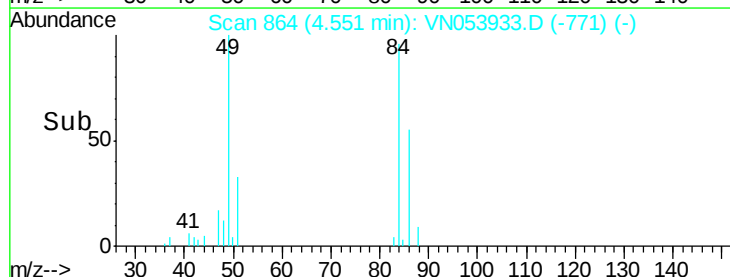
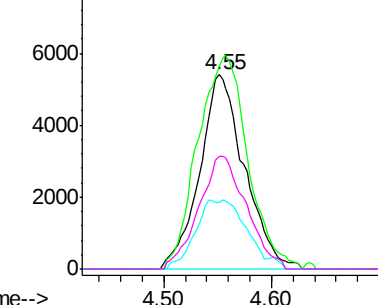


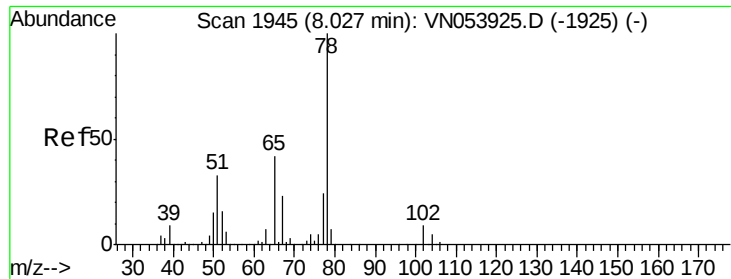
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 52.219 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

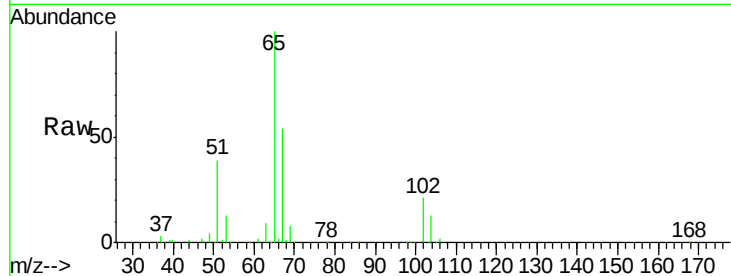
PB117322TB

Tot Ion: 65 Resp: 379475

Ion Ratio Lower Upper

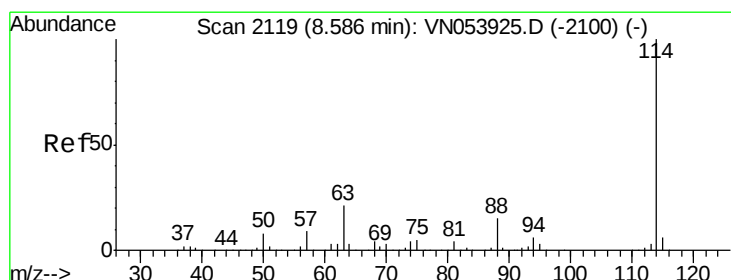
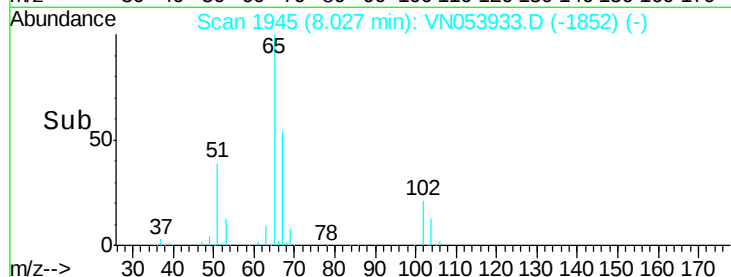
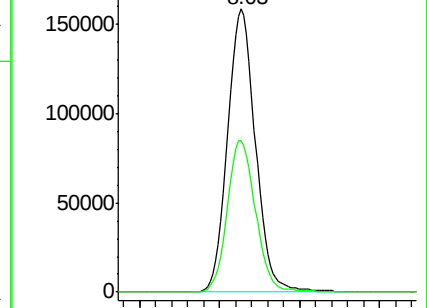
65 100

67 54.1 0.0 111.8



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

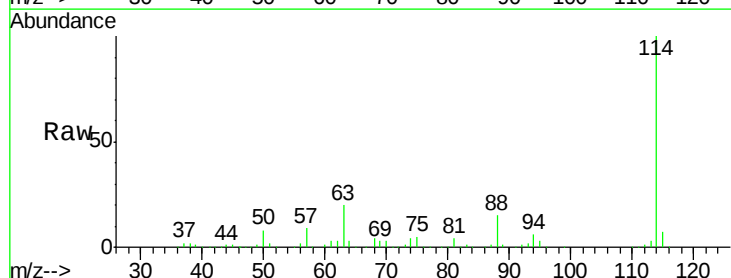
Tgt Ion: 114 Resp: 1100480

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

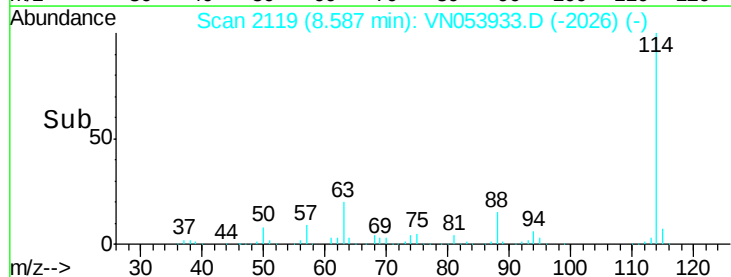
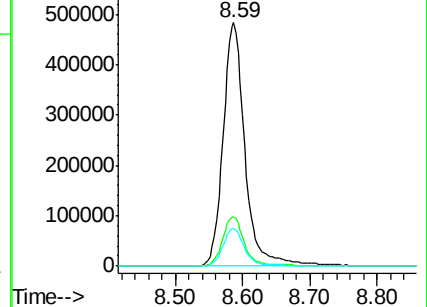
88 15.4 0.0 30.4

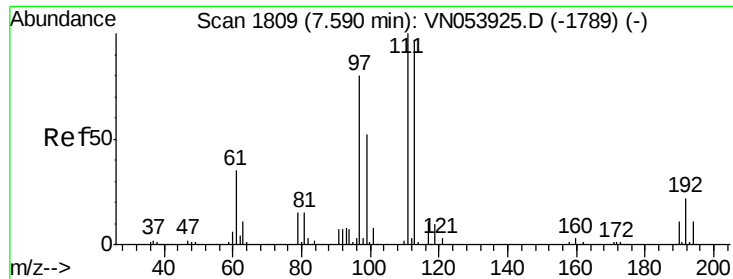


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

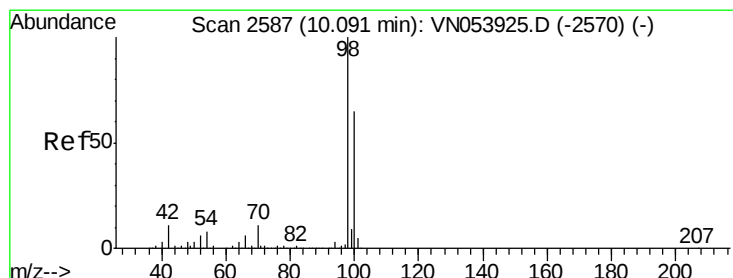
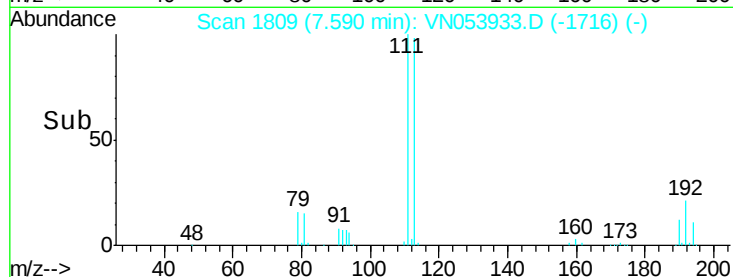
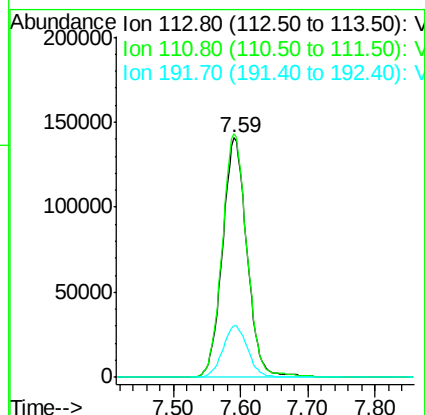
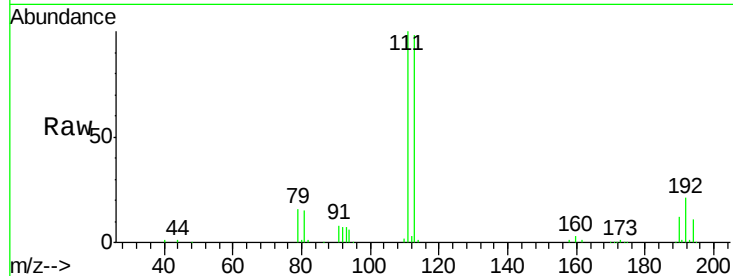




#35
 Dibromofluoromethane
 Concen: 50.339 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053933.D
 Acq: 25 Feb 2019 16:56

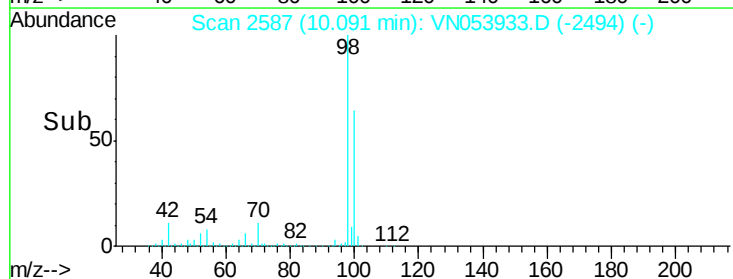
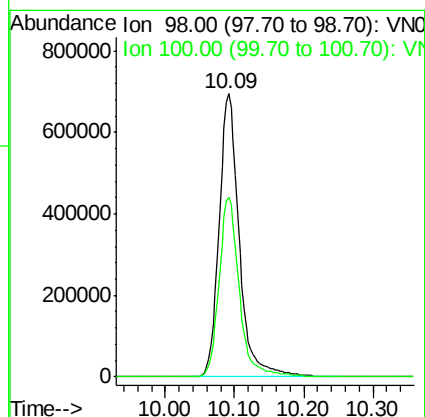
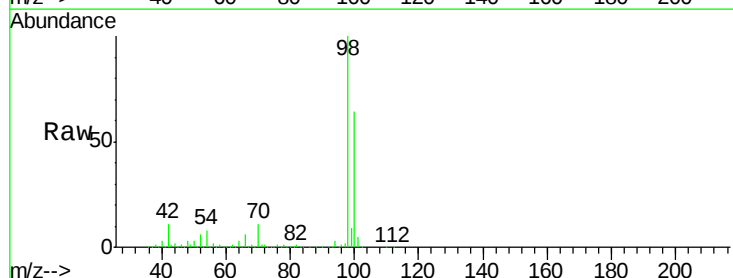
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117322TB

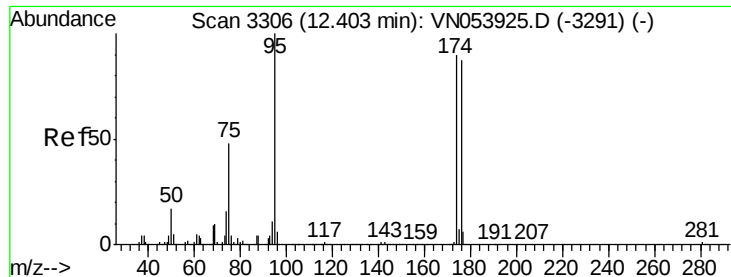
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.1	121.7
192	21.9	18.8	28.2



#50
 Toluene-d8
 Concen: 52.913 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053933.D
 Acq: 25 Feb 2019 16:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 52.149 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

PB117322TB

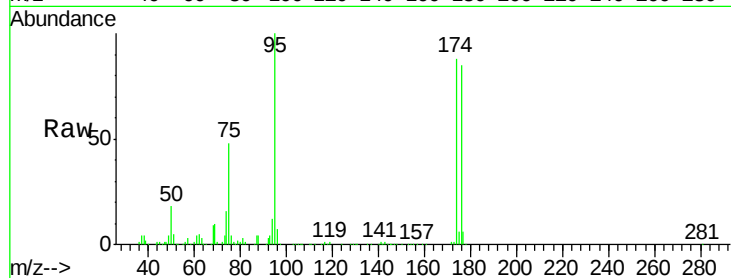
Tot Ion: 95 Resp: 460264

Ion Ratio Lower Upper

95 100

174 89.7 0.0 188.8

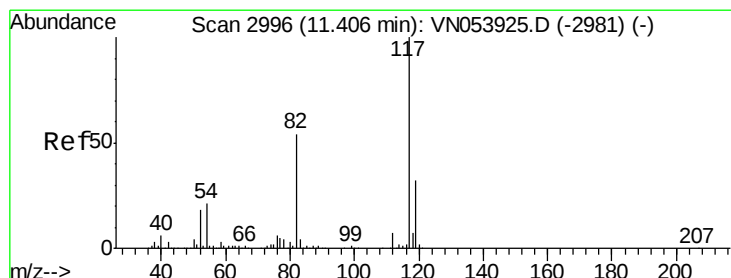
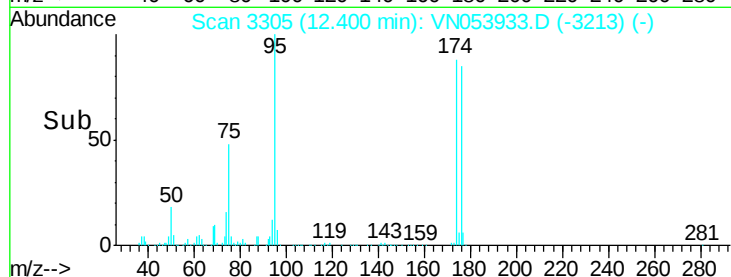
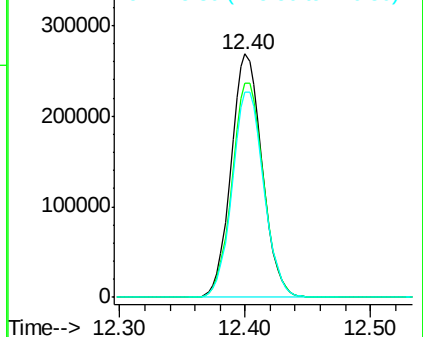
176 85.8 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

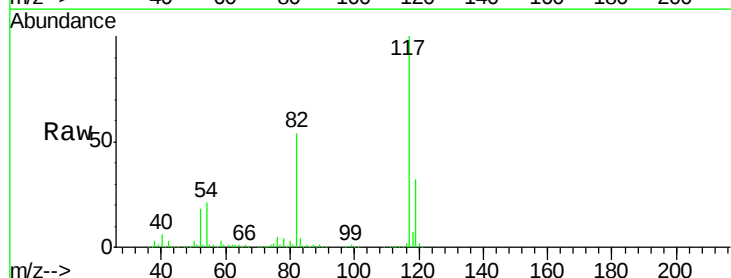
Tgt Ion: 117 Resp: 1071108

Ion Ratio Lower Upper

117 100

82 54.1 41.4 62.2

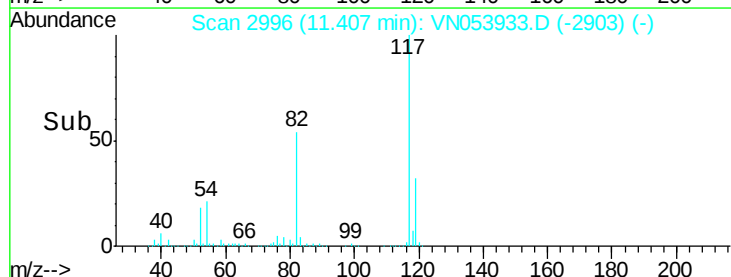
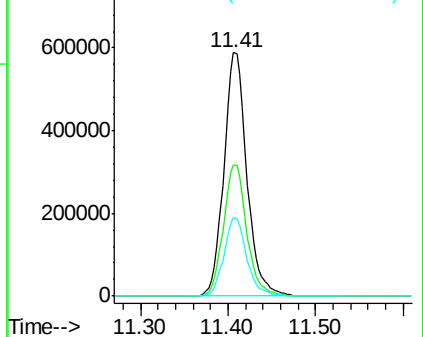
119 32.0 25.3 37.9

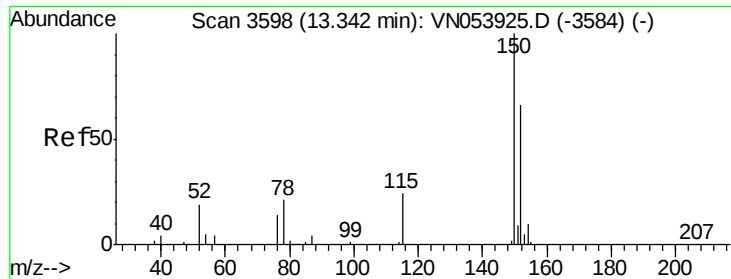


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

PB117322TB

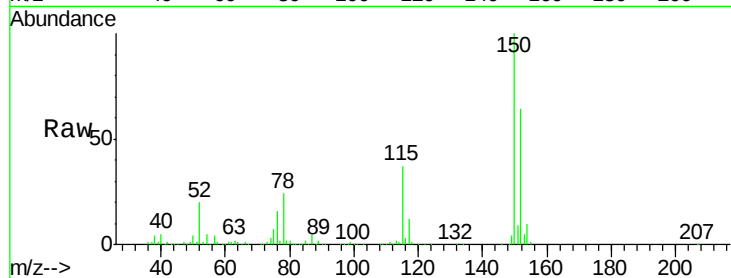
Tot Ion:152 Resp: 396493

Ion Ratio Lower Upper

152 100

115 57.3 27.2 81.6

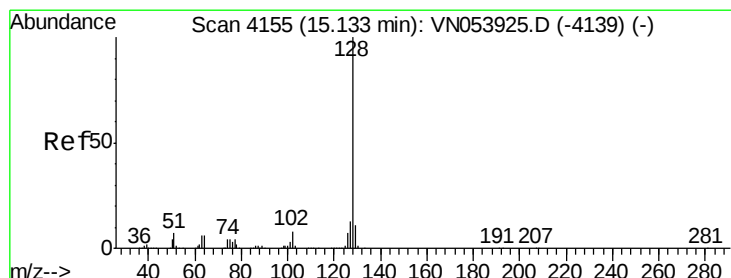
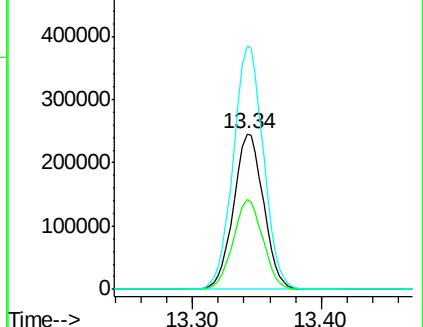
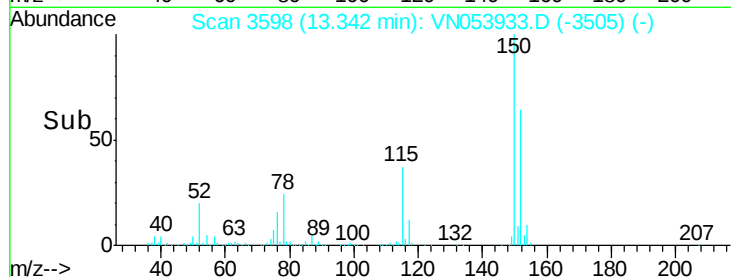
150 157.3 0.0 348.2



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: 3.655 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053933.D

Acq: 25 Feb 2019 16:56

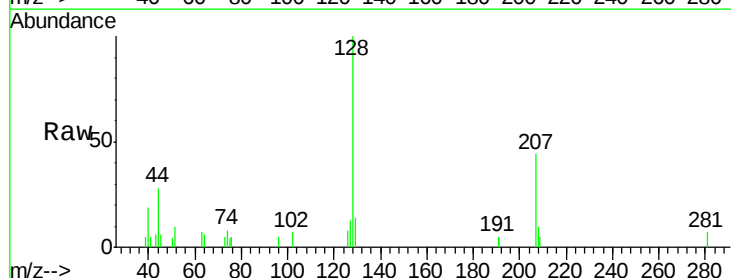
Tgt Ion:128 Resp: 7443

Ion Ratio Lower Upper

128 100

127 10.5 10.2 15.2

129 11.8 8.6 12.8



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

