

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057391.D
 Acq On : 19 Aug 2019 11:29
 Operator : JC/SP
 Sample : PB122346TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122346TB

Quant Time: Aug 20 07:43:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

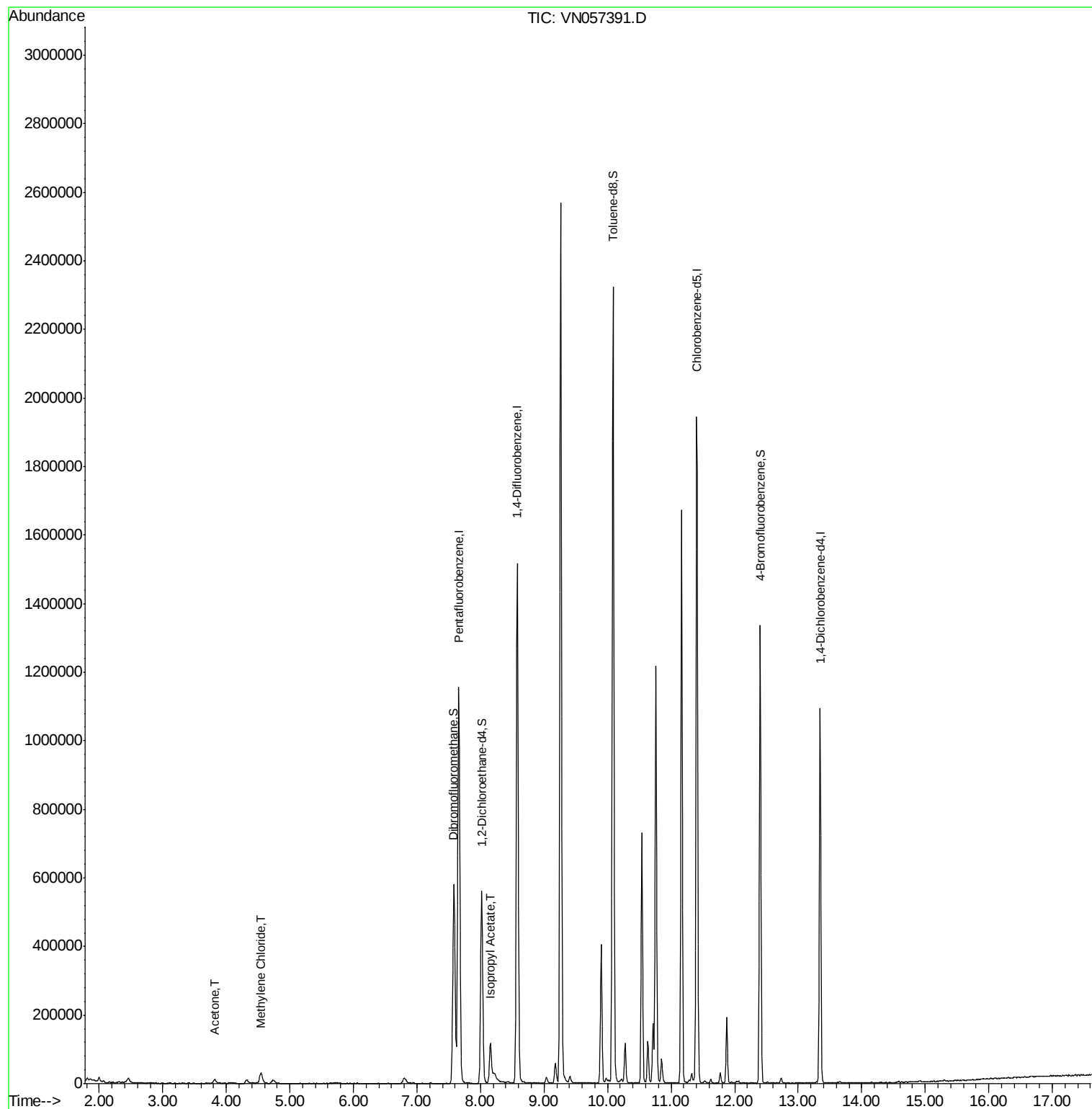
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1067322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1478026	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1250824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	327206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	487590	42.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.04%	
35) Dibromofluoromethane	7.58	113	452038	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
50) Toluene-d8	10.08	98	1710727	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.40	95	462917	36.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.92%	
Target Compounds						
16) Acetone	3.82	43	15753	3.914	ug/l	95
20) Methylene Chloride	4.54	84	24919	2.213	ug/l	96
43) Isopropyl Acetate	8.16	43	183821	8.467	ug/l #	85

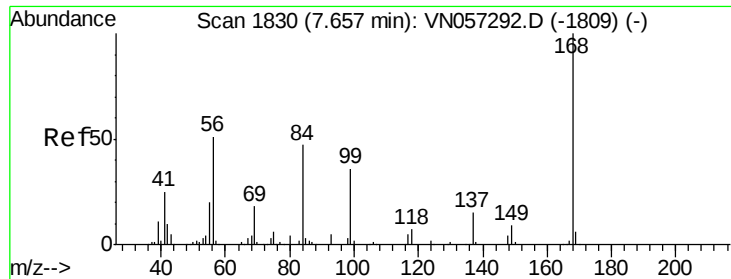
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

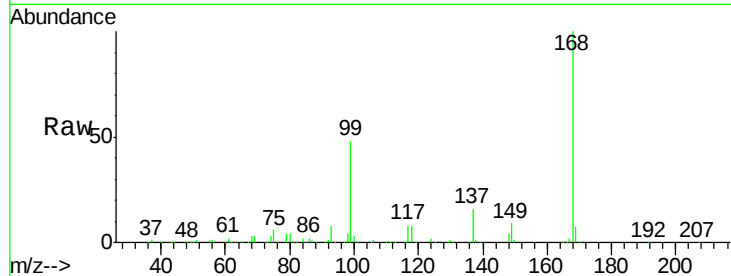
PB122346TB

Tot Ion:168 Resp: 1067322

Ion Ratio Lower Upper

168 100

99 47.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

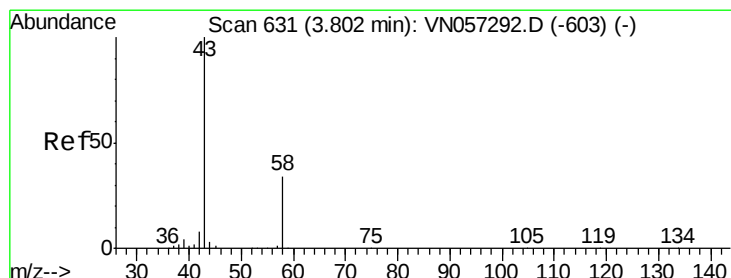
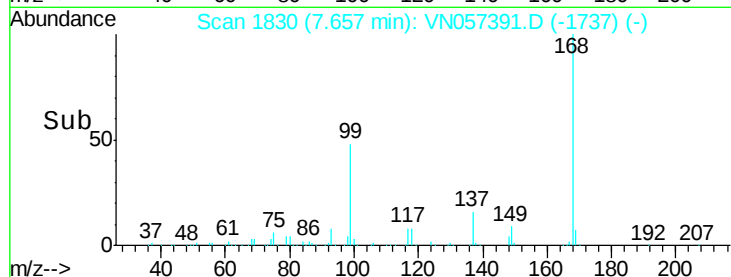
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.914 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN057391.D

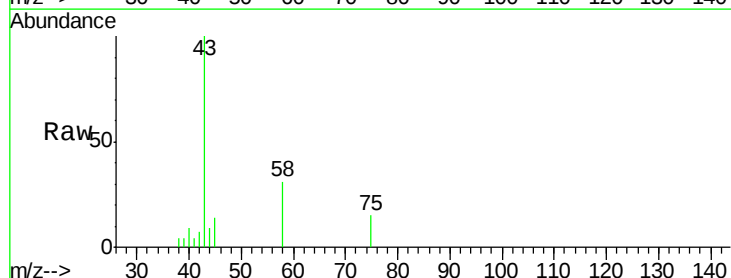
Acq: 19 Aug 2019 11:29

Tgt Ion: 43 Resp: 15753

Ion Ratio Lower Upper

43 100

58 31.1 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

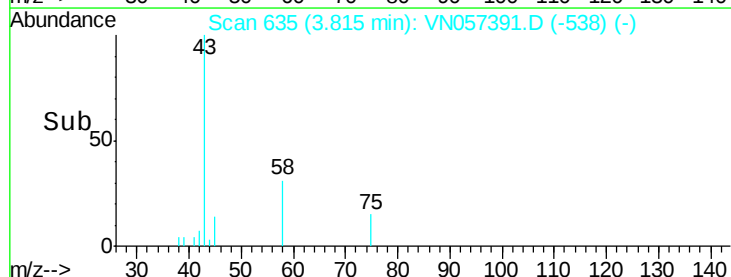
6000

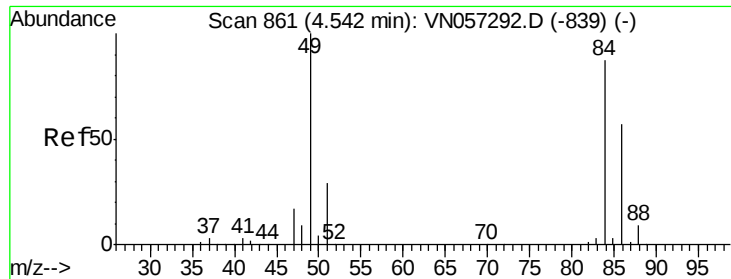
4000

2000

0

Time-->

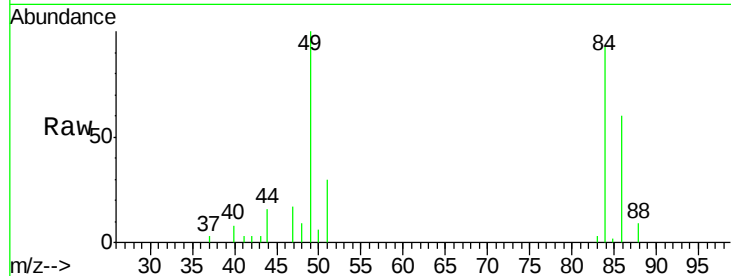




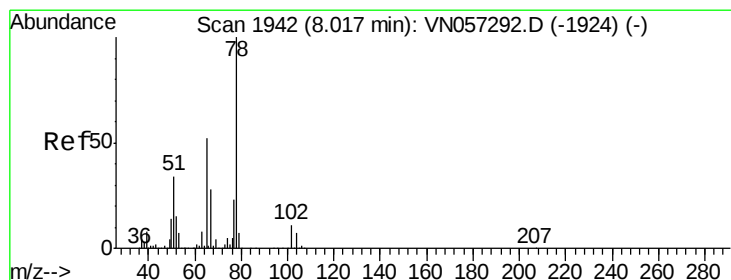
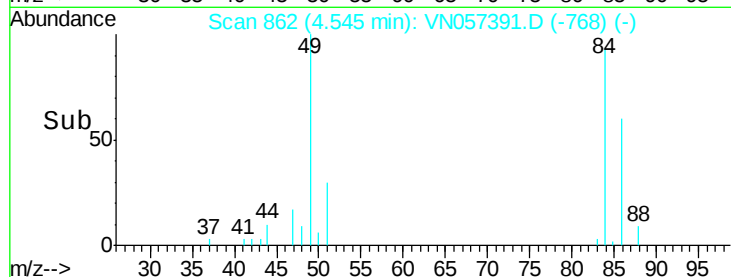
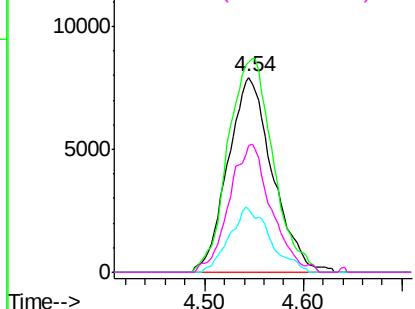
#20
Methylene Chloride
Concen: 2.213 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057391.D
Acq: 19 Aug 2019 11:29

Instrument :
MSVOA_N
ClientSampled :
PB122346TB

Tot Ion:	84	Resp:	24919
Ion	Ratio	Lower	Upper
84	100		
49	107.8	92.0	138.0
51	32.1	27.1	40.7
86	64.9	52.2	78.2

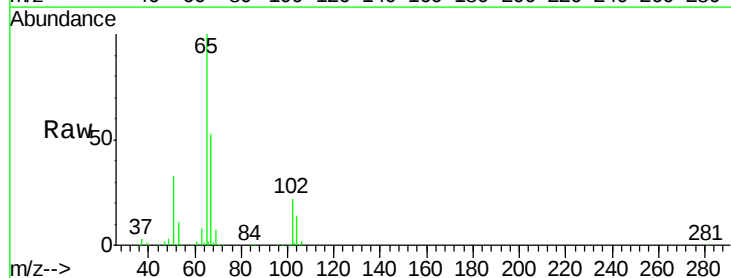


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

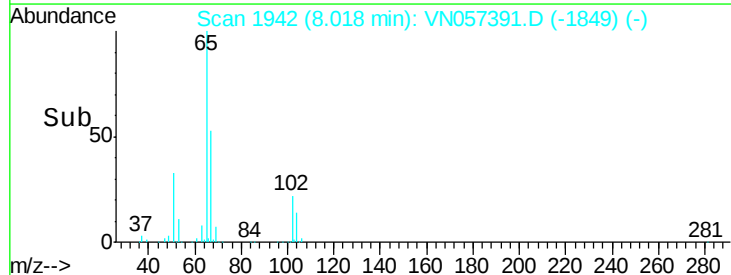
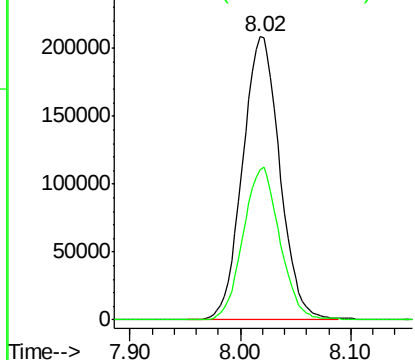


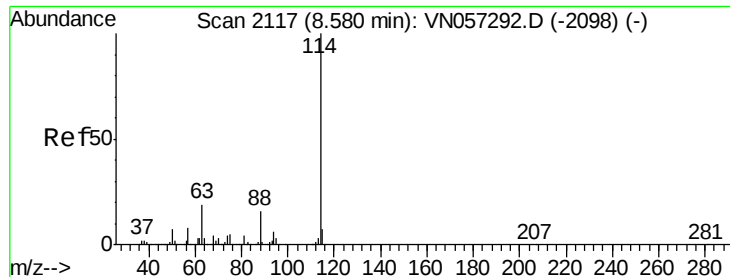
#33
1,2-Dichloroethane-d4
Concen: 42.023 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057391.D
Acq: 19 Aug 2019 11:29

Tgt Ion:	65	Resp:	487590
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

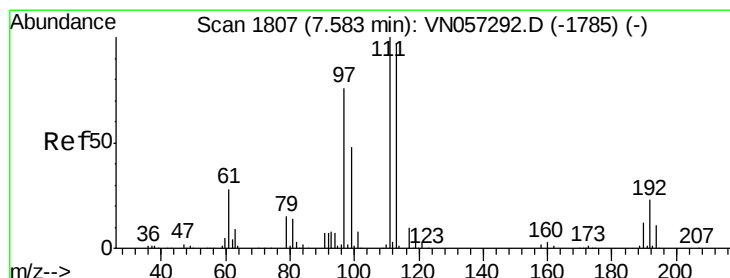
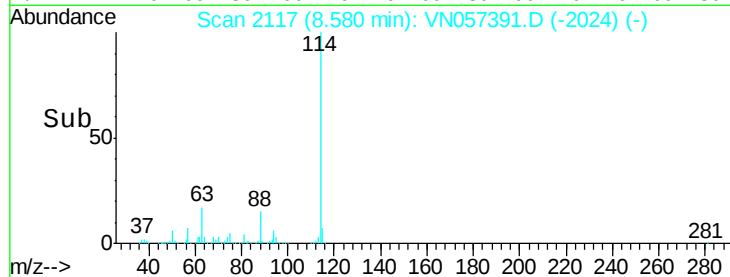
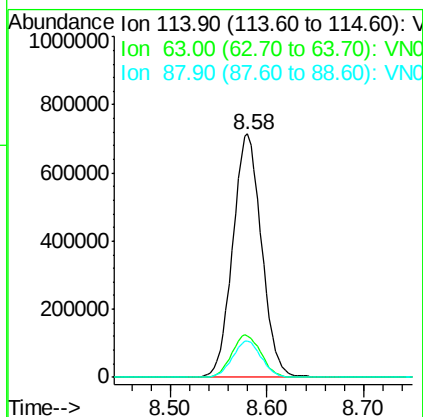
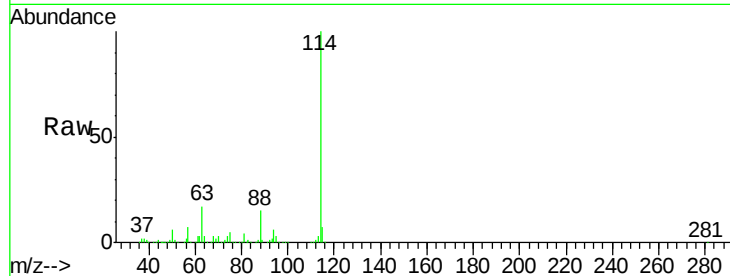




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057391.D
 Acq: 19 Aug 2019 11:29

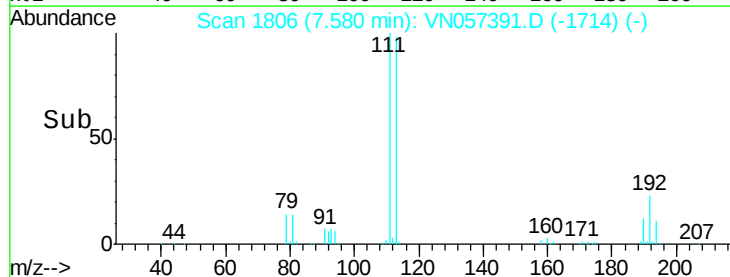
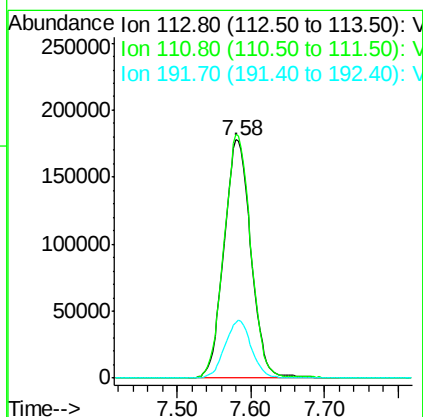
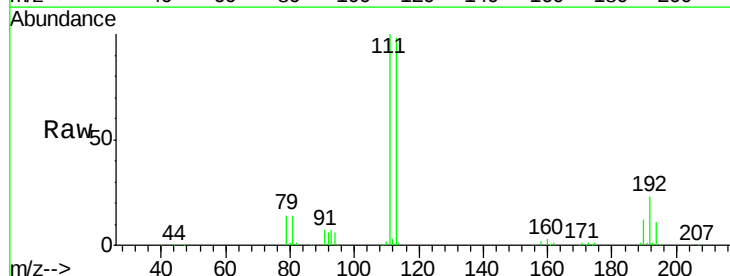
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122346TB

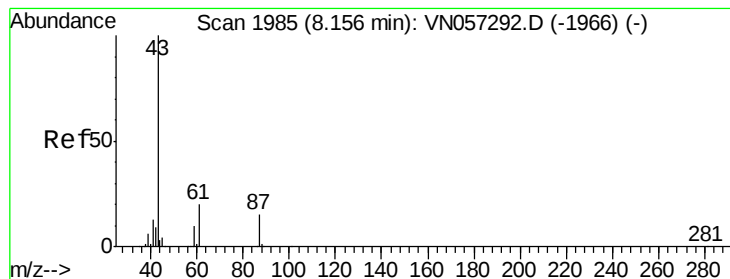
Tot Ion:114 Resp: 1478026
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 38.8
 88 15.0 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 46.656 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057391.D
 Acq: 19 Aug 2019 11:29

Tgt Ion:113 Resp: 452038
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.1 123.1
 192 23.6 19.3 28.9





#43

Isopropyl Acetate

Concen: 8.467 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

PB122346TB

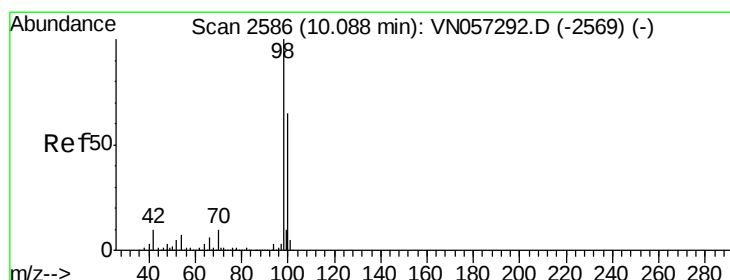
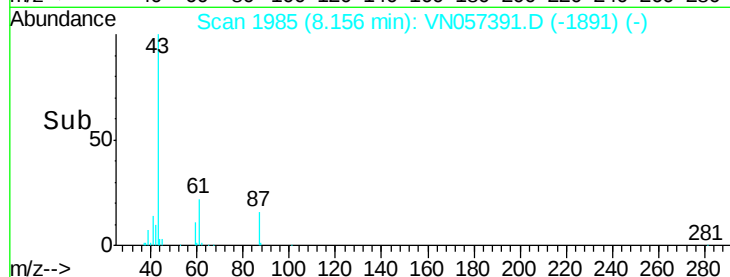
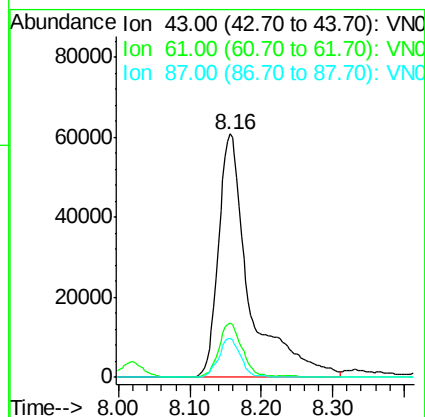
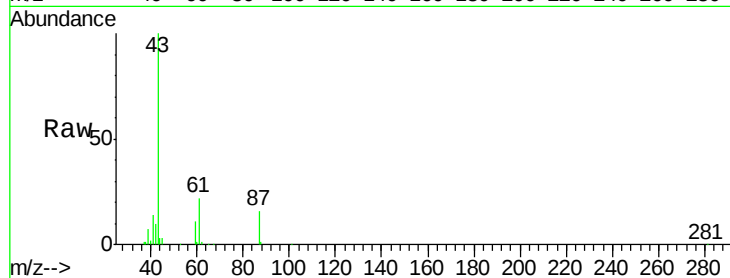
Tot Ion: 43 Resp: 183821

Ion Ratio Lower Upper

43 100

61 16.7 21.6 32.4#

87 11.3 11.4 17.0#



#50

Toluene-d8

Concen: 48.275 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057391.D

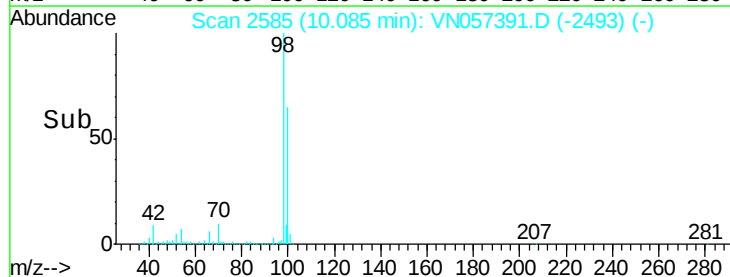
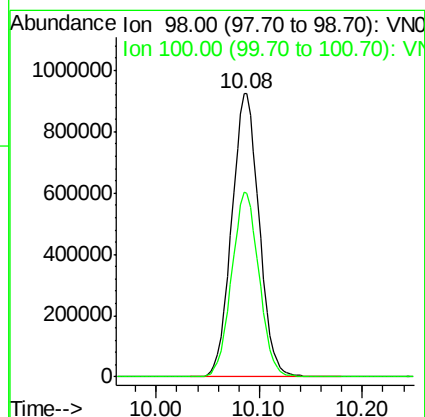
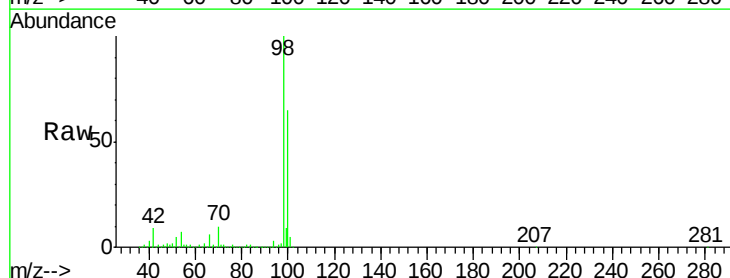
Acq: 19 Aug 2019 11:29

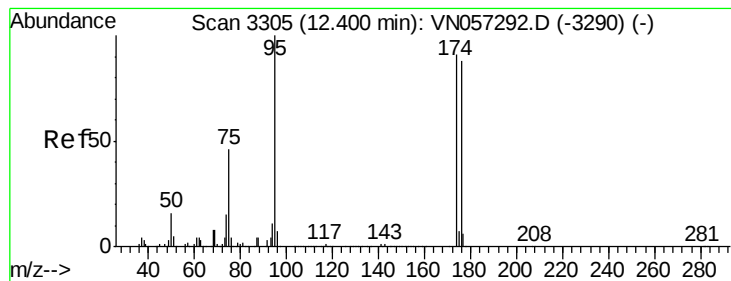
Tgt Ion: 98 Resp: 1710727

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 36.965 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

PB122346TB

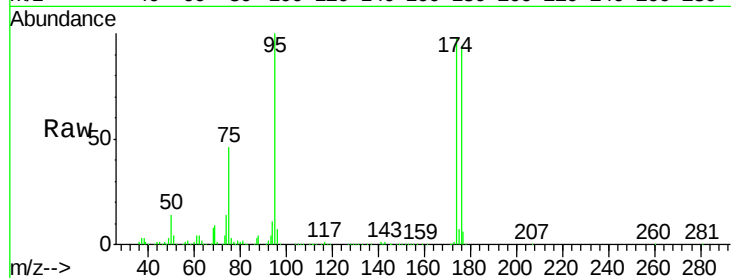
Tot Ion: 95 Resp: 462917

Ion Ratio Lower Upper

95 100

174 96.0 0.0 185.0

176 94.0 0.0 181.0

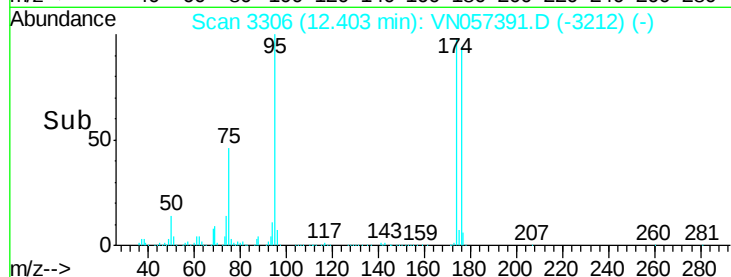


Abundance Ion 94.90 (94.60 to 95.60): VN057292.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057292.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057292.D (-3290) (-)

Time--> 12.30 12.40 12.50

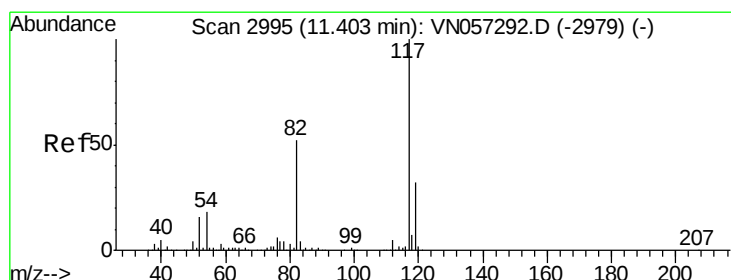


Abundance Ion 94.90 (94.60 to 95.60): VN057391.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057391.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057391.D (-3212) (-)

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: VN057391.D

Acq: 19 Aug 2019 11:29

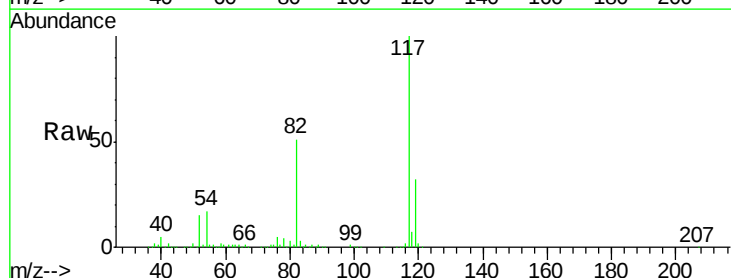
Tgt Ion: 117 Resp: 1250824

Ion Ratio Lower Upper

117 100

82 50.8 41.2 61.8

119 32.3 25.8 38.8

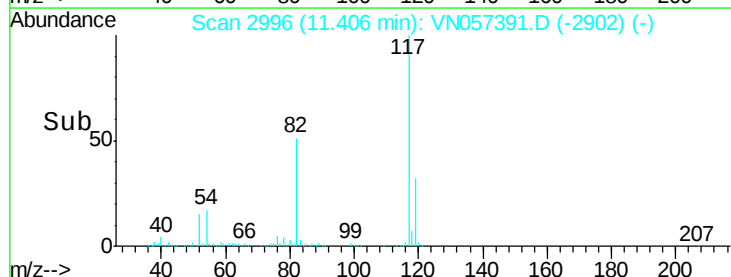


Abundance Ion 116.90 (116.60 to 117.60): VN057292.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN057292.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057292.D (-2979) (-)

Time--> 11.30 11.40 11.50

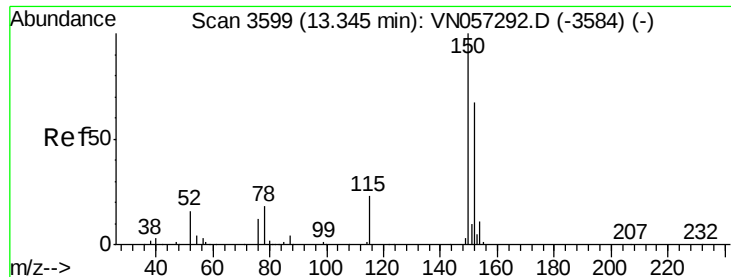


Abundance Ion 116.90 (116.60 to 117.60): VN057391.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057391.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057391.D (-2902) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

PB122346TB

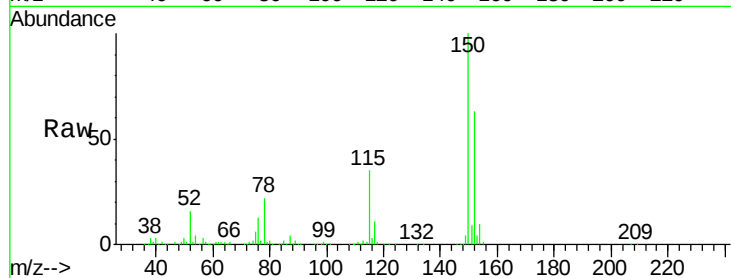
Tot Ion:152 Resp: 327206

Ion Ratio Lower Upper

152 100

115 54.3 27.3 81.9

150 155.9 0.0 344.4



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

