

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058921.D
 Acq On : 23 Oct 2019 12:06
 Operator : JC/SP
 Sample : PB124196TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124196TB

Quant Time: Oct 24 01:33:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

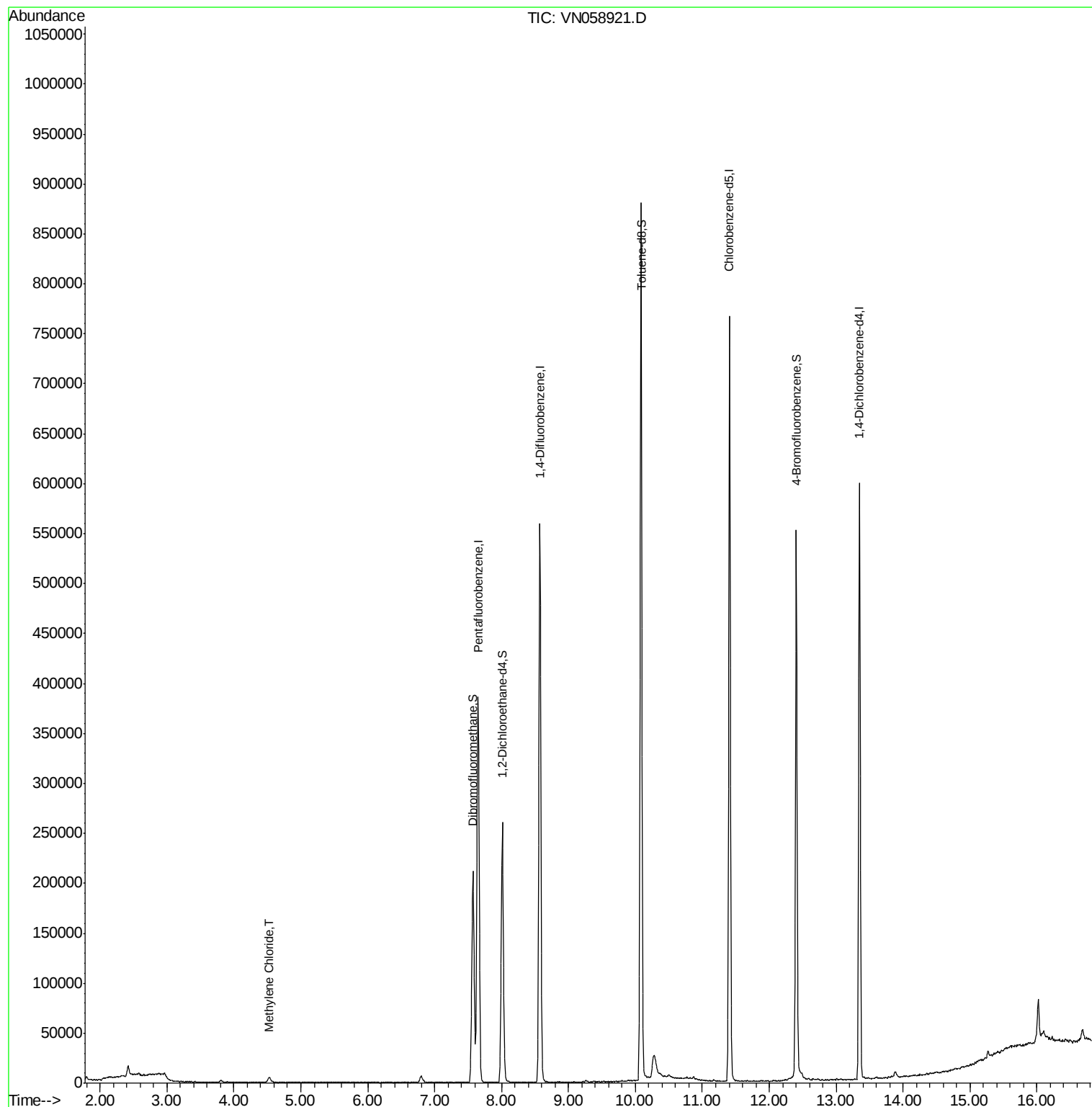
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	299737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	479614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	426257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152307	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	226147	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	7.57	113	159759	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	10.08	98	598576	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.40	95	186434	41.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.94%	
Target Compounds						
20) Methylene Chloride	4.52	84	4321	1.165	ug/l #	78

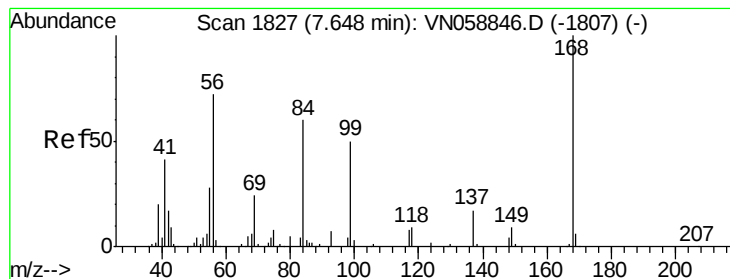
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058921.D

Acq: 23 Oct 2019 12:06

Instrument :

MSVOA_N

ClientSampleId :

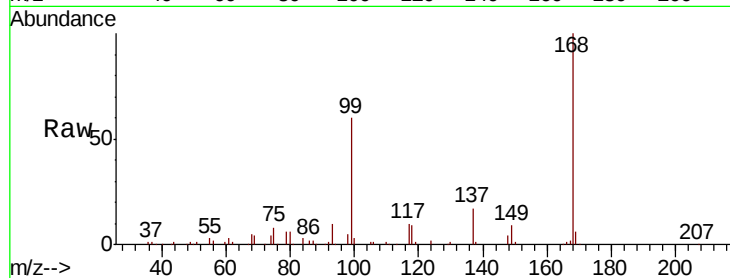
PB124196TB

Tot Ion:168 Resp: 299737

Ion Ratio Lower Upper

168 100

99 59.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

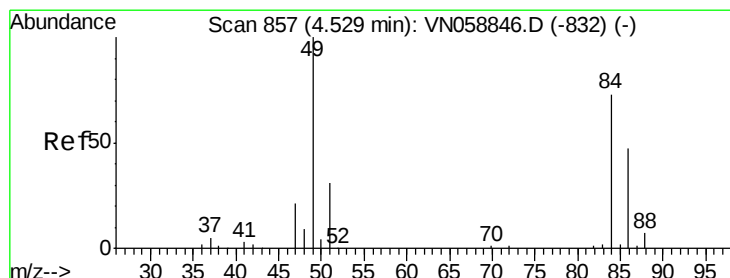
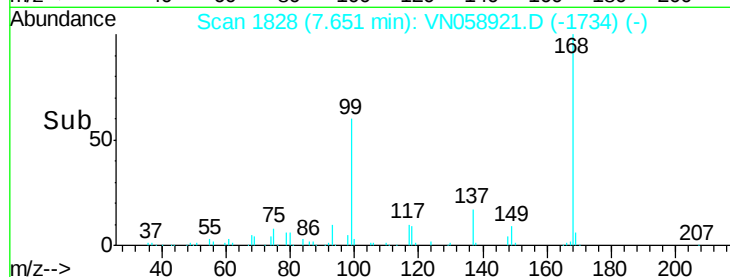
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.165 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.01 min

Lab File: VN058921.D

Acq: 23 Oct 2019 12:06

Tgt Ion: 84 Resp: 4321

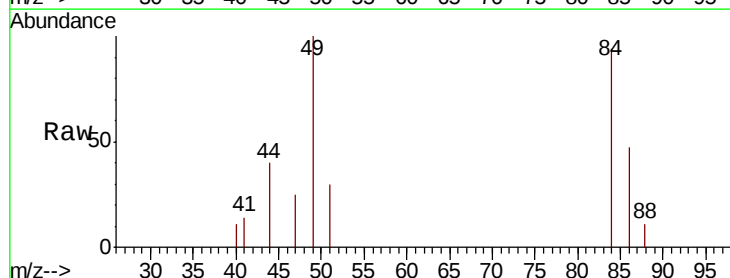
Ion Ratio Lower Upper

84 100

49 106.0 109.6 164.4#

51 31.6 33.8 50.6#

86 49.5 51.5 77.3#



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4.52

3000

2500

2000

1500

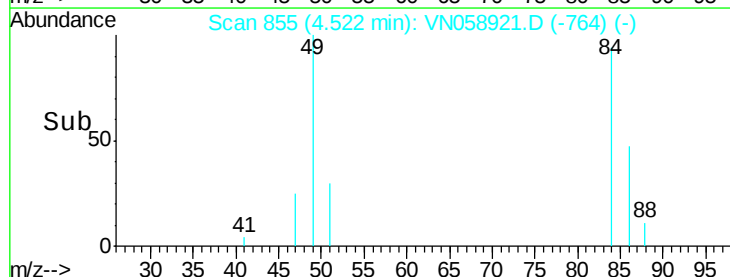
1000

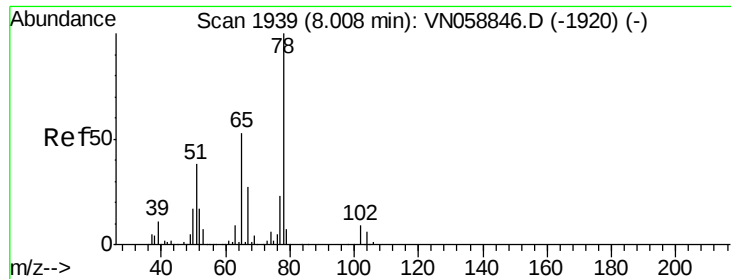
500

0

4.45 4.50 4.55 4.60

Time-->

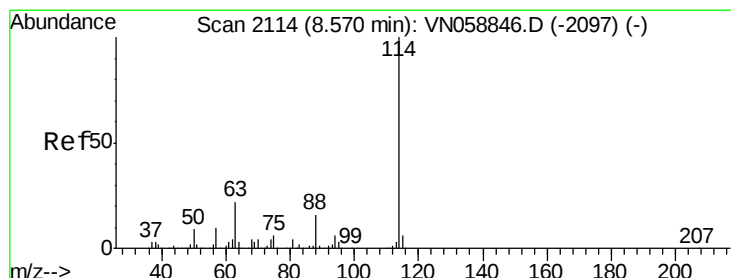
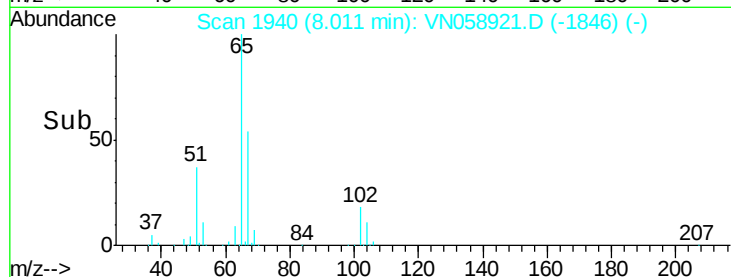
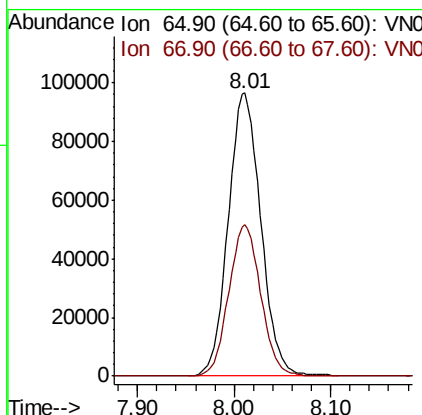
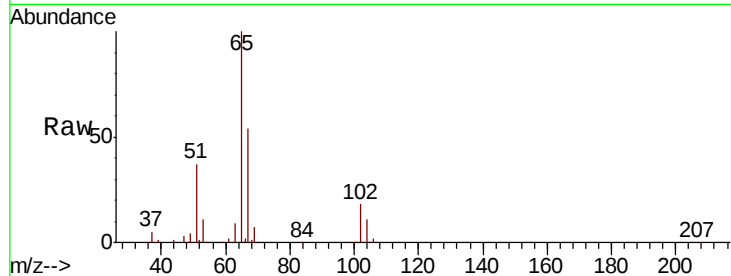




#33
 1,2-Dichloroethane-d4
 Concen: 51.443 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058921.D
 Acq: 23 Oct 2019 12:06

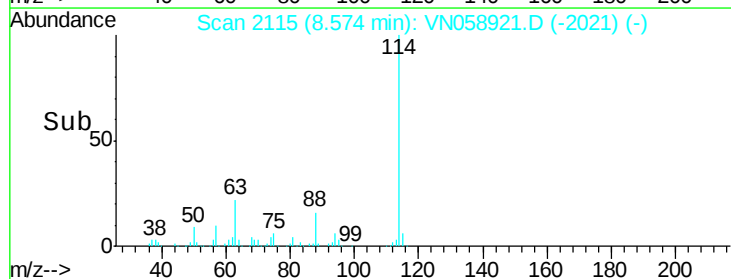
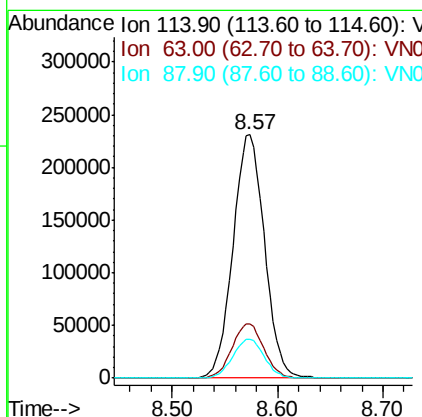
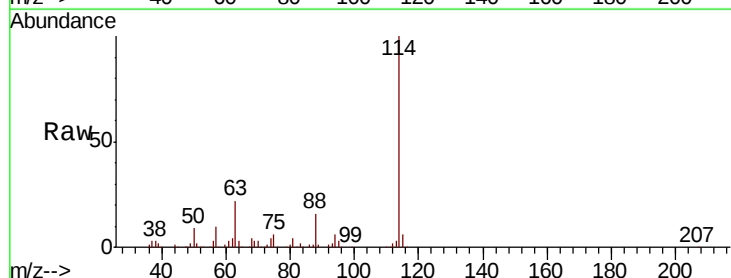
Instrument :
 MSVOA_N
 ClientSampled :
 PB124196TB

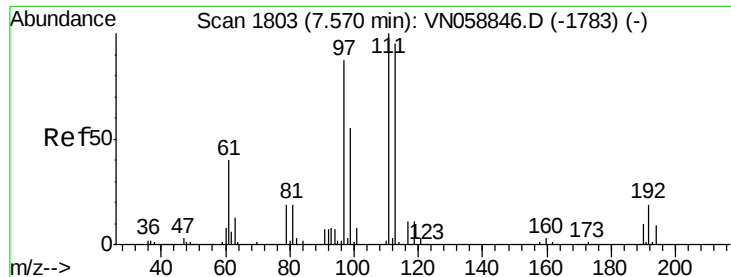
Tot Ion: 65 Resp: 226147
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058921.D
 Acq: 23 Oct 2019 12:06

Tgt Ion: 114 Resp: 479614
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.4
 88 16.1 0.0 31.4

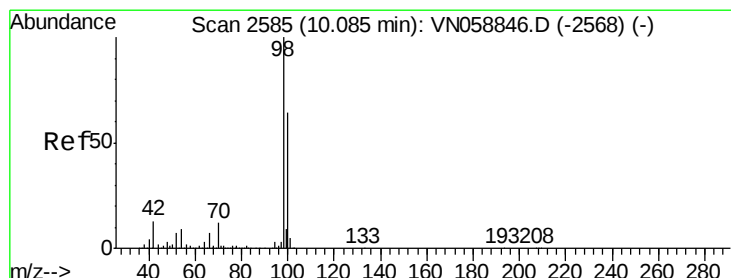
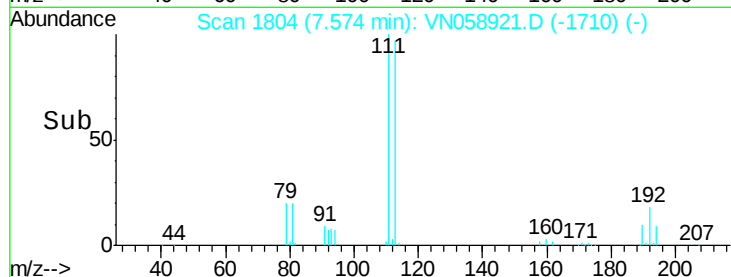
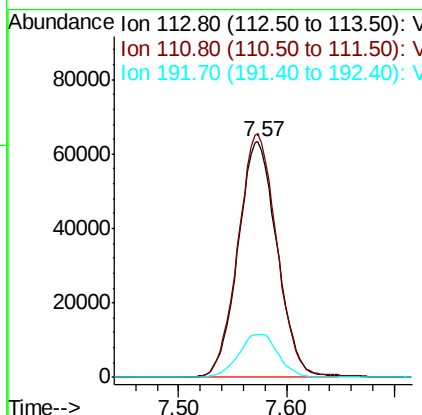
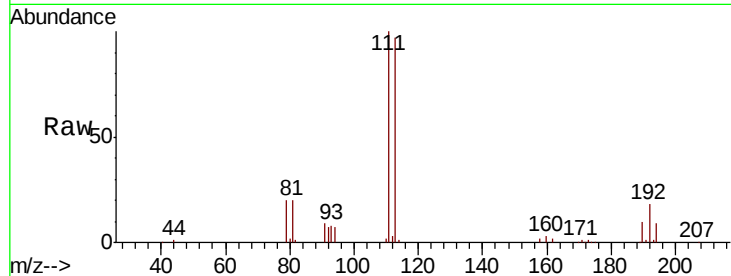




#35
 Dibromofluoromethane
 Concen: 50.663 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058921.D
 Acq: 23 Oct 2019 12:06

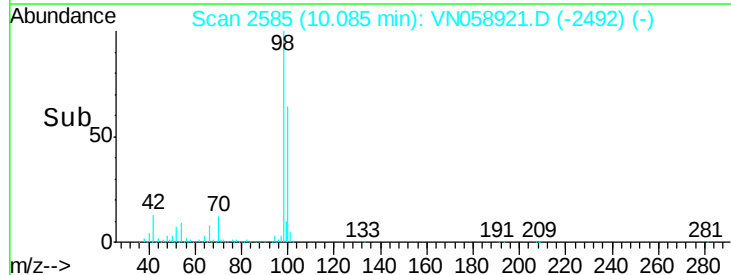
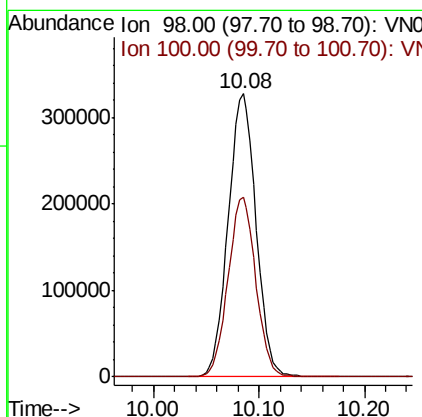
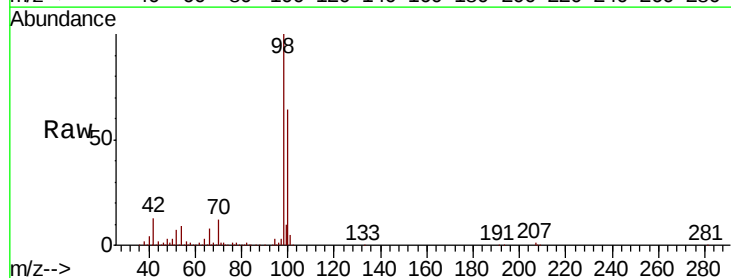
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124196TB

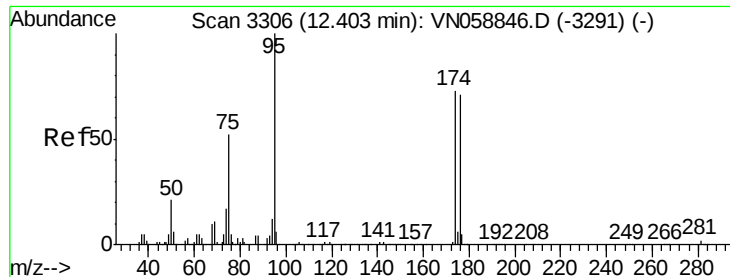
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	18.5	15.0	22.6



#50
 Toluene-d8
 Concen: 48.900 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058921.D
 Acq: 23 Oct 2019 12:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.4	77.2





#62

4-Bromofluorobenzene

Concen: 41.474 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058921.D

Acq: 23 Oct 2019 12:06

Instrument :

MSVOA_N

ClientSampleId :

PB124196TB

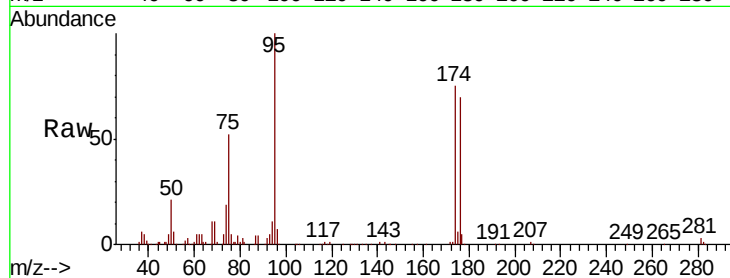
Tot Ion: 95 Resp: 186434

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.6

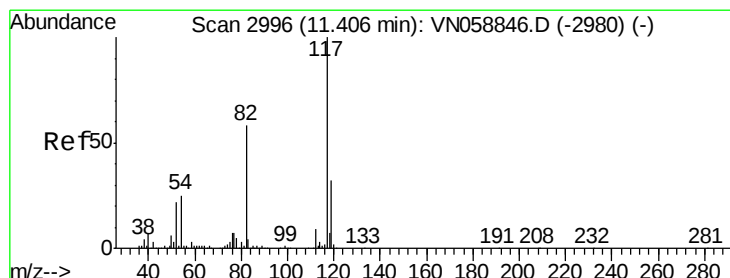
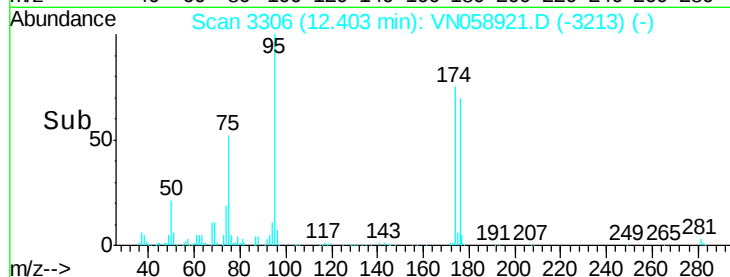
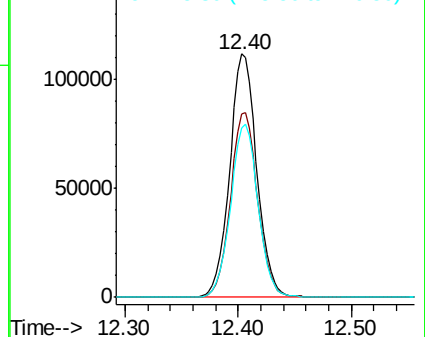
176 71.9 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058921.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN058921.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN058921.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058921.D

Acq: 23 Oct 2019 12:06

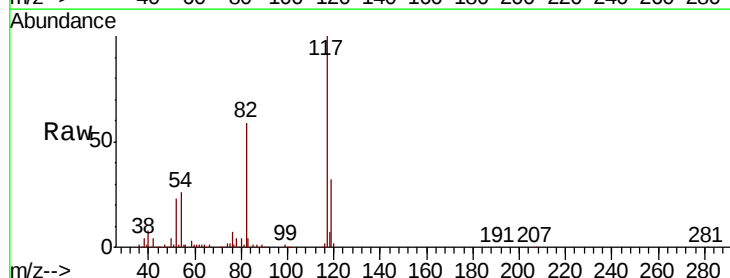
Tgt Ion: 117 Resp: 426257

Ion Ratio Lower Upper

117 100

82 59.2 46.6 69.8

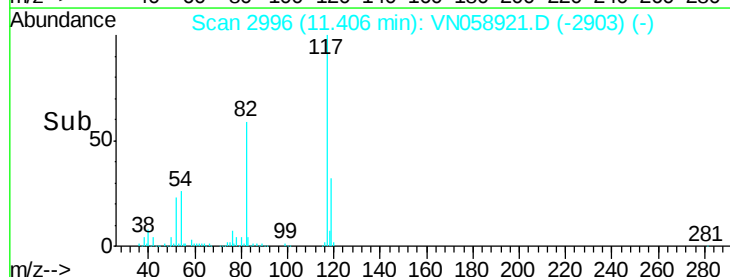
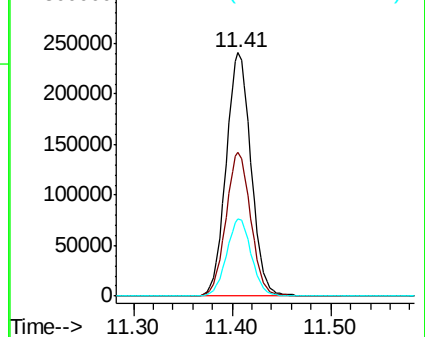
119 31.8 25.6 38.4

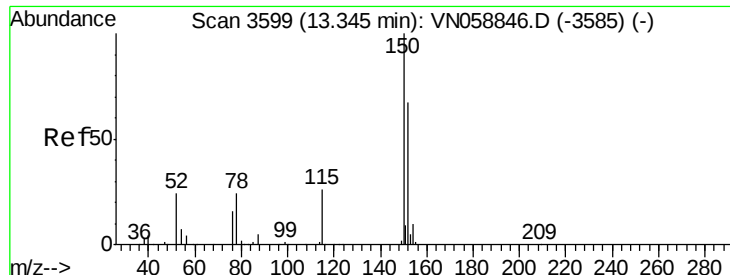


Abundance Ion 116.90 (116.60 to 117.60): VN058921.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058921.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058921.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058921.D

Acq: 23 Oct 2019 12:06

Instrument :

MSVOA_N

ClientSampleId :

PB124196TB

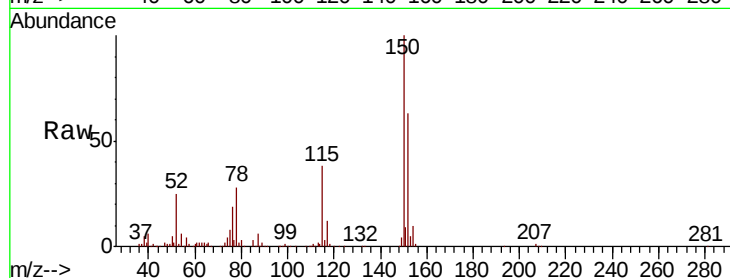
Tot Ion:152 Resp: 152307

Ion Ratio Lower Upper

152 100

115 60.8 30.5 91.5

150 159.3 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

200000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

