

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
 Data File : VN059101.D
 Acq On : 6 Nov 2019 12:51
 Operator : JC/SP
 Sample : PB124560TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124560TB

Quant Time: Nov 07 04:16:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

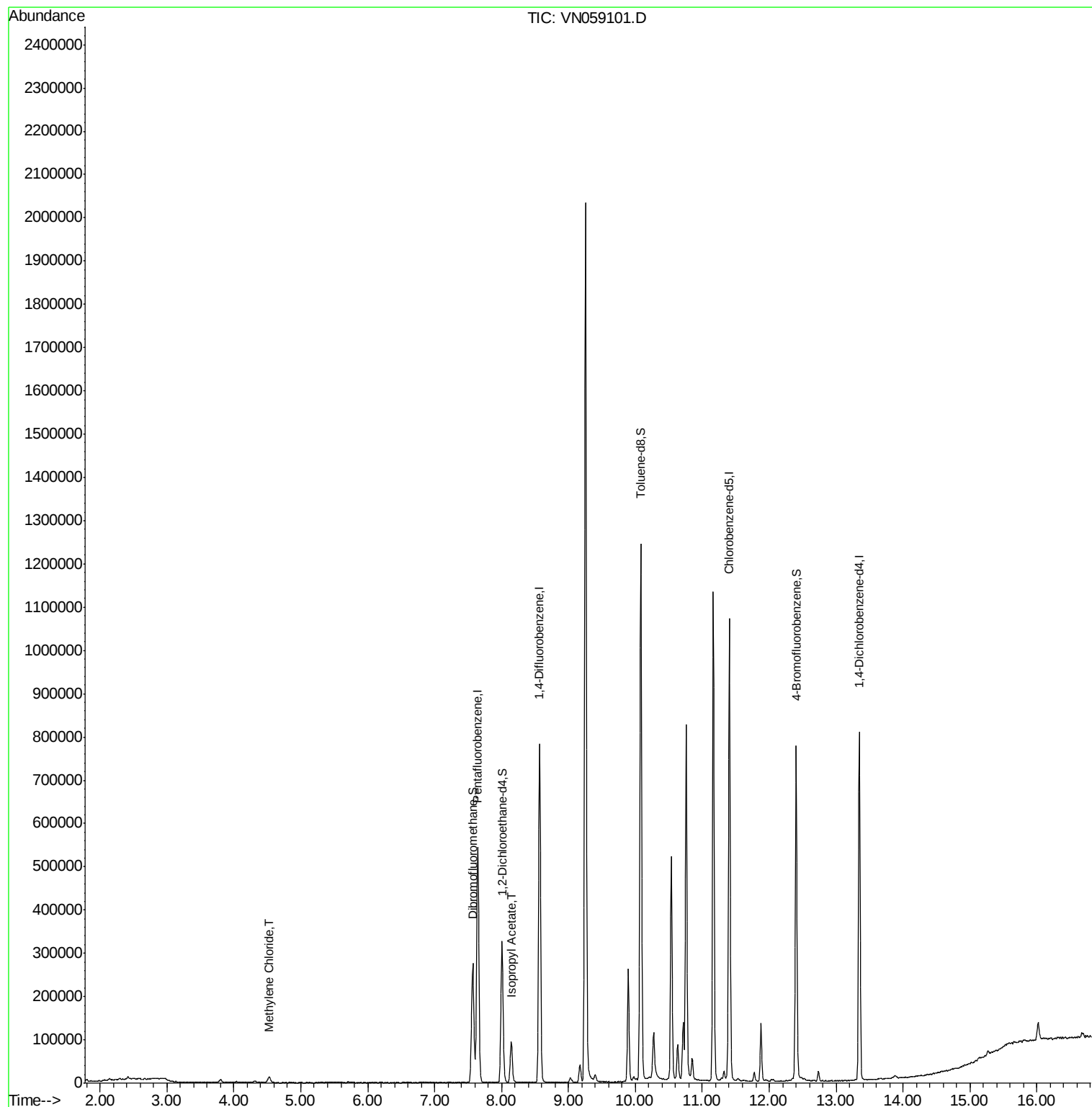
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	449493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	700121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	624156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	282070	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	7.57	113	217267	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	10.08	98	873545	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.40	95	279626	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
Target Compounds						
20) Methylene Chloride	4.52	84	10462	2.090	ug/l	96
43) Isopropyl Acetate	8.15	43	112625	9.704	ug/l #	91

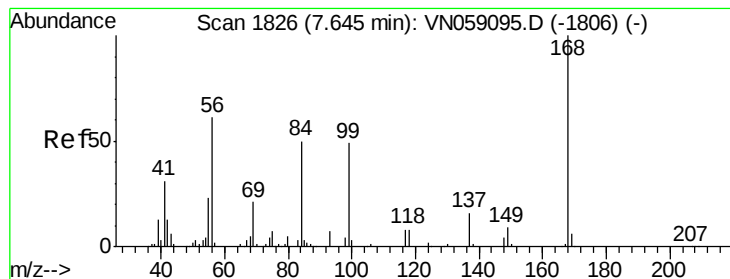
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

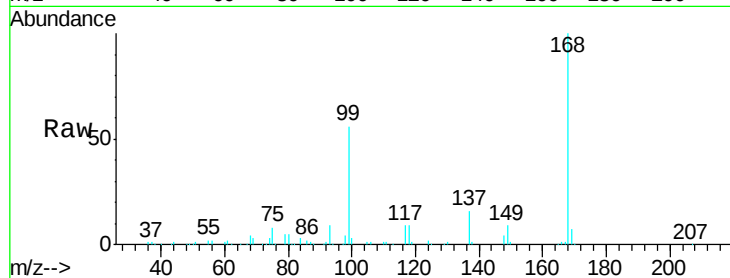
PB124560TB

Tgt Ion:168 Resp: 449493

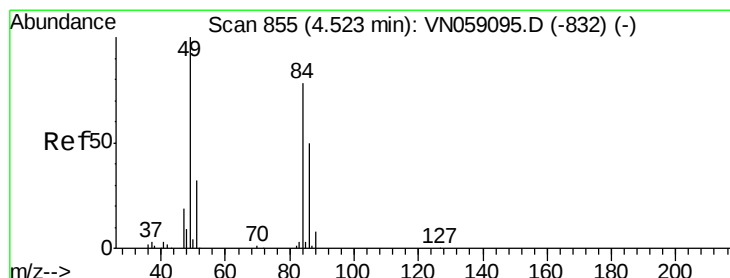
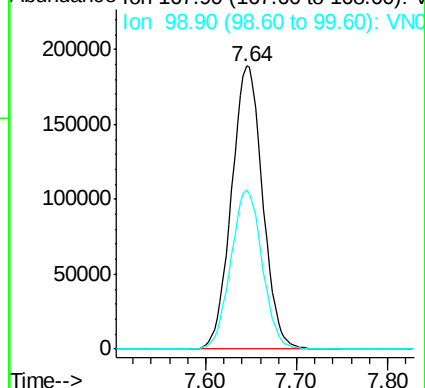
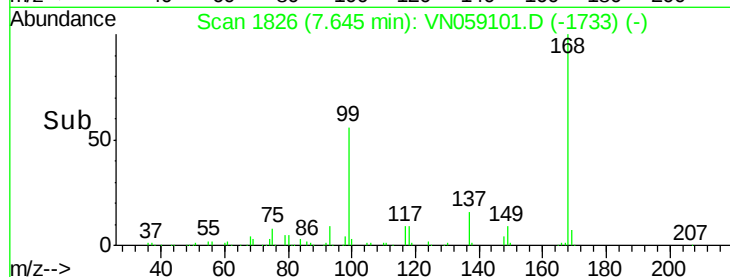
Ion Ratio Lower Upper

168 100

99 56.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059101.D (-1733) (-)



#20

Methylene Chloride

Concen: 2.090 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Tgt Ion: 84 Resp: 10462

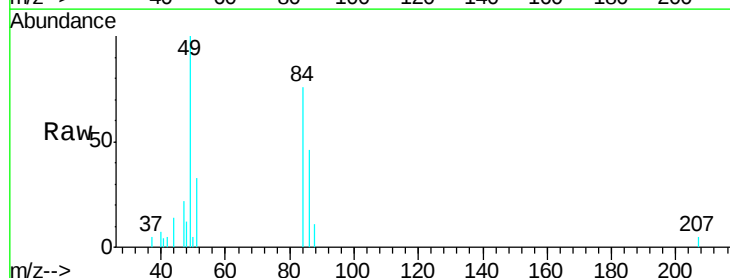
Ion Ratio Lower Upper

84 100

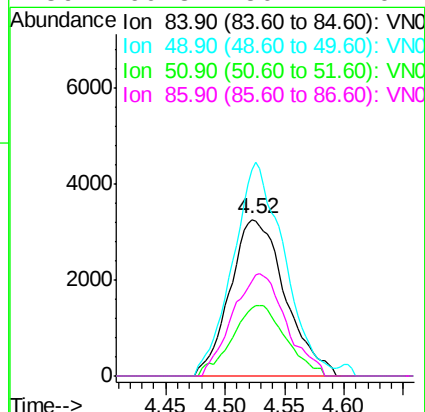
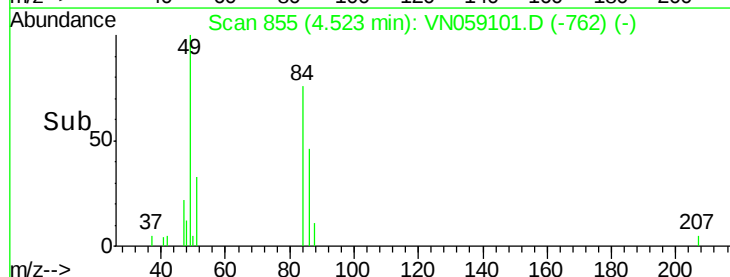
49 132.1 102.0 153.0

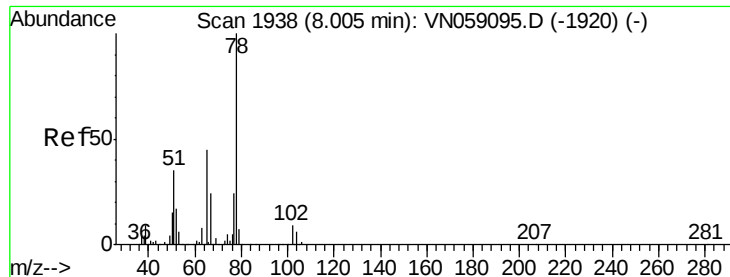
51 43.8 32.2 48.2

86 60.3 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VN059101.D (-762) (-)

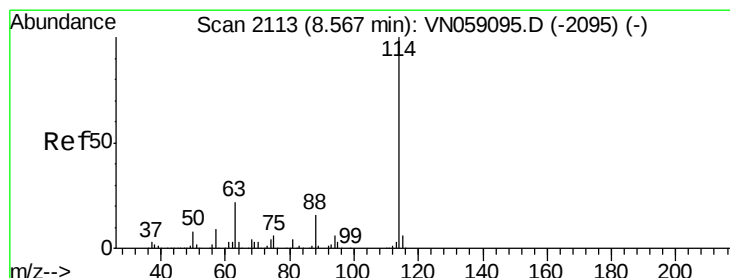
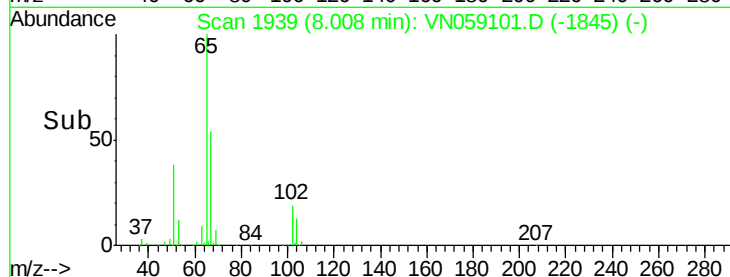
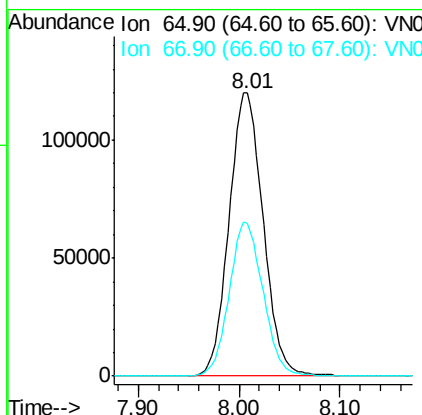
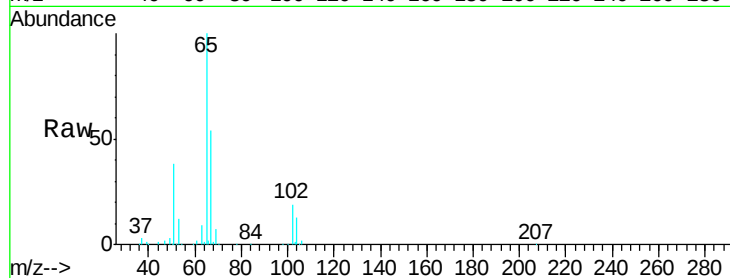




#33
 1,2-Dichloroethane-d4
 Concen: 51.049 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059101.D
 Acq: 6 Nov 2019 12:51

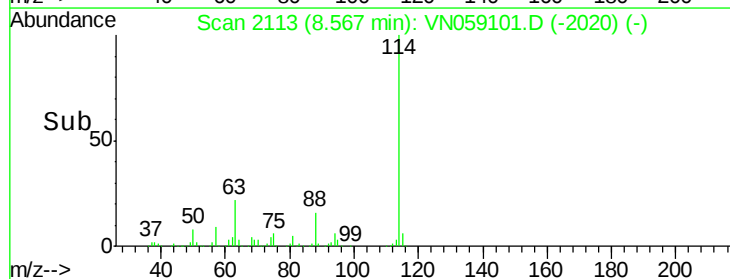
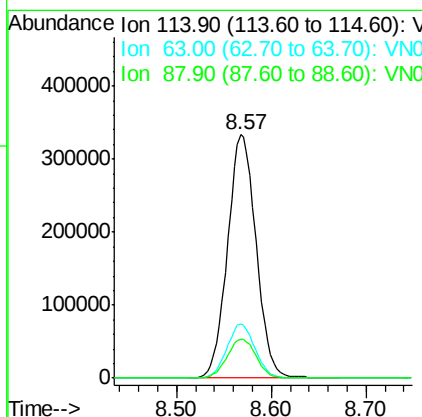
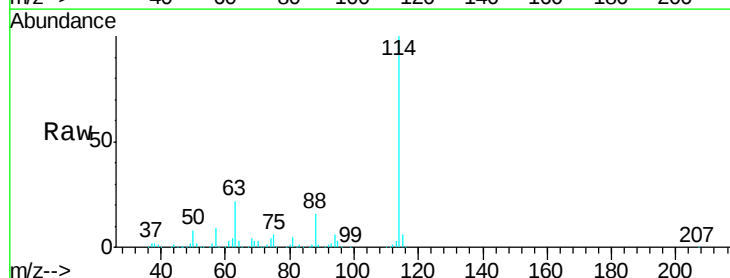
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124560TB

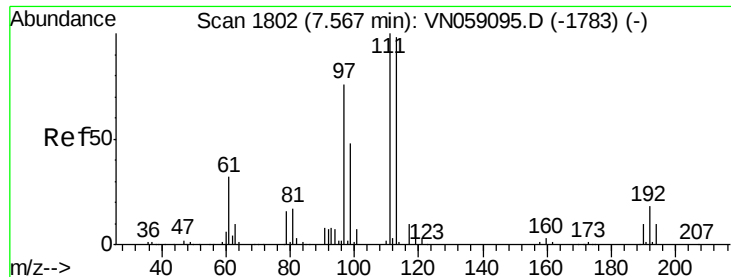
Tgt Ion: 65 Resp: 282070
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059101.D
 Acq: 6 Nov 2019 12:51

Tgt Ion: 114 Resp: 700121
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.4
 88 15.9 0.0 32.2

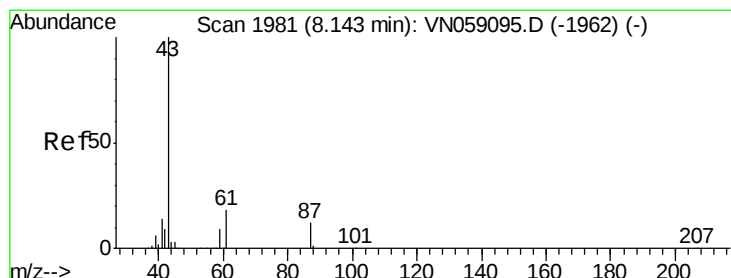
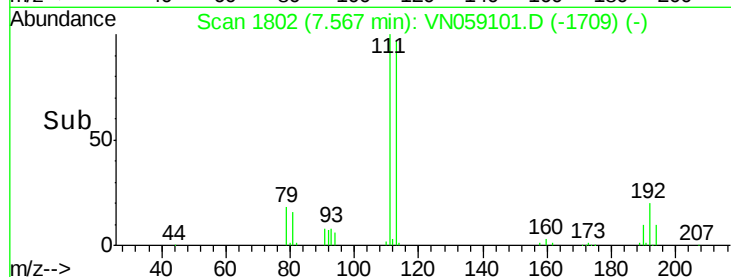
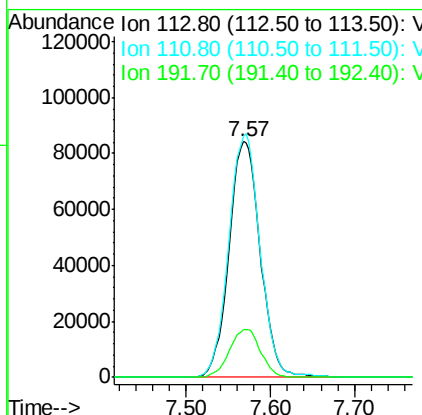
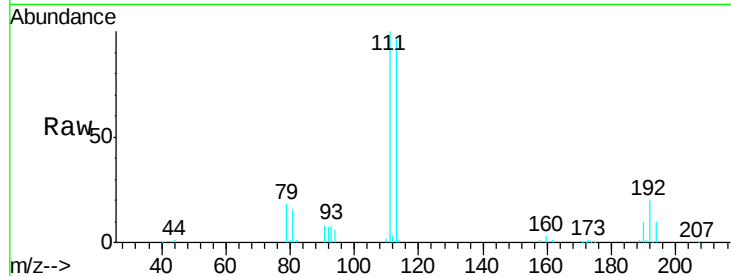




#35
 Dibromofluoromethane
 Concen: 51.973 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059101.D
 Acq: 6 Nov 2019 12:51

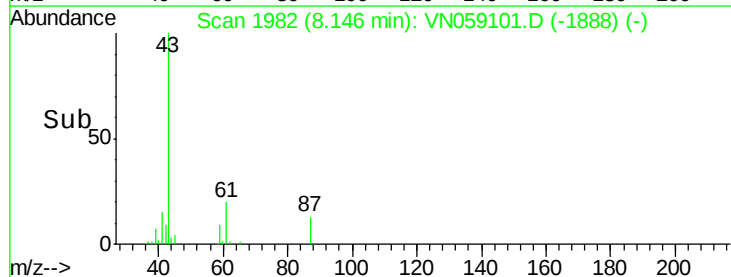
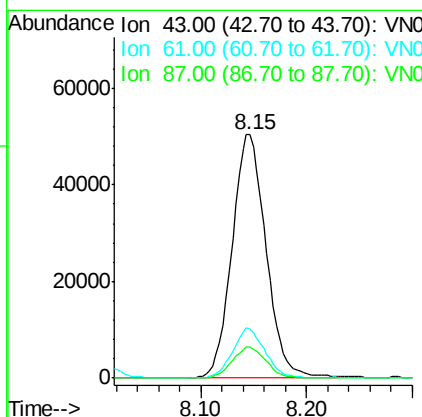
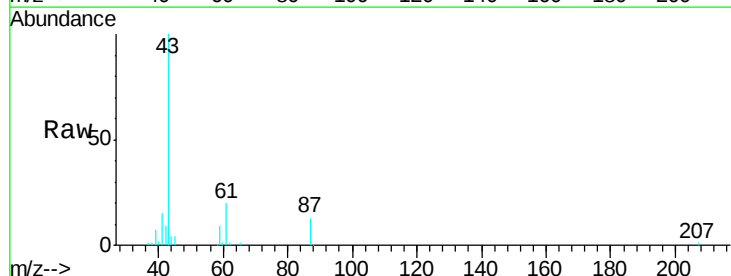
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124560TB

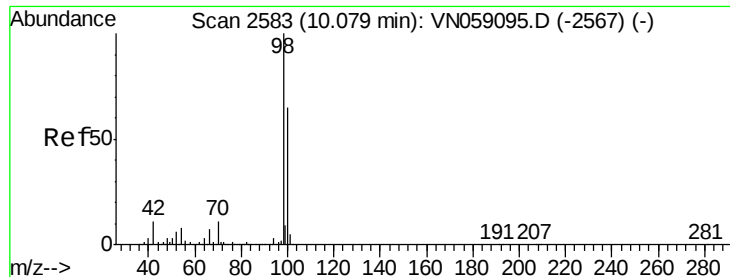
Tgt Ion: 113 Resp: 217267
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 20.3 16.1 24.1



#43
 Isopropyl Acetate
 Concen: 9.704 ug/l
 RT: 8.15 min Scan# 1882
 Delta R.T. 0.00 min
 Lab File: VN059101.D
 Acq: 6 Nov 2019 12:51

Tgt Ion: 43 Resp: 112625
 Ion Ratio Lower Upper
 43 100
 61 19.5 21.0 31.6#
 87 12.6 9.8 14.6





#50

Toluene-d8

Concen: 53.051 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

Instrument :

MSVOA_N

ClientSampleId :

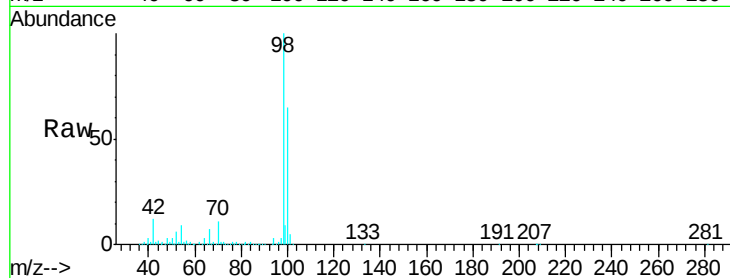
PB124560TB

Tgt Ion: 98 Resp: 873545

Ion Ratio Lower Upper

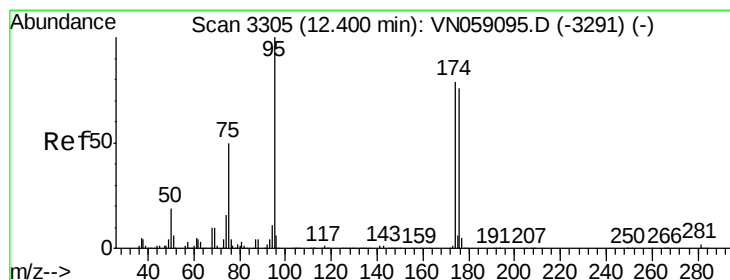
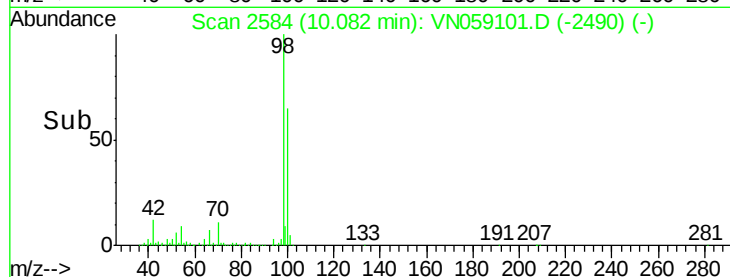
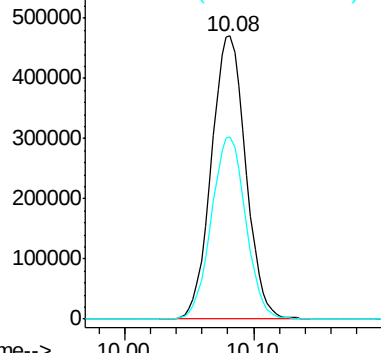
98 100

100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 47.098 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

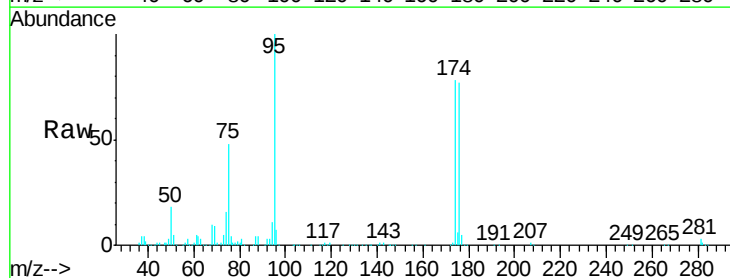
Tgt Ion: 95 Resp: 279626

Ion Ratio Lower Upper

95 100

174 77.3 0.0 158.2

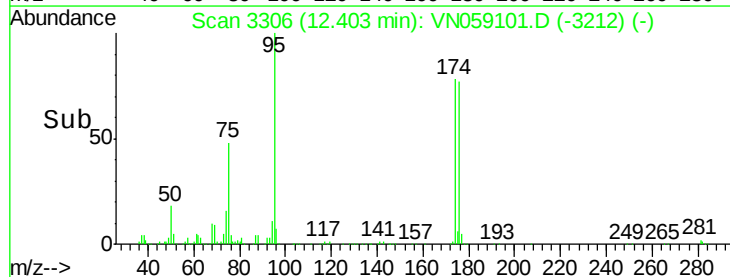
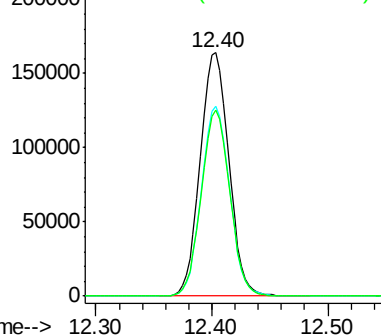
176 76.1 0.0 151.8

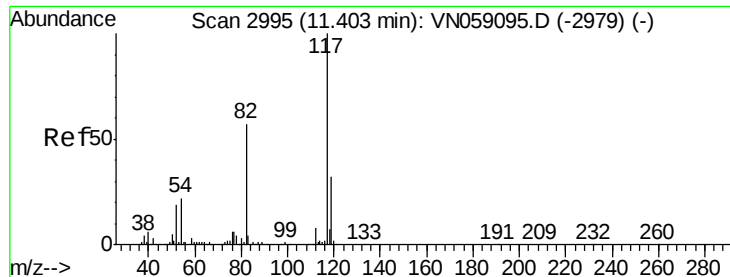


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

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ClientSampleId :

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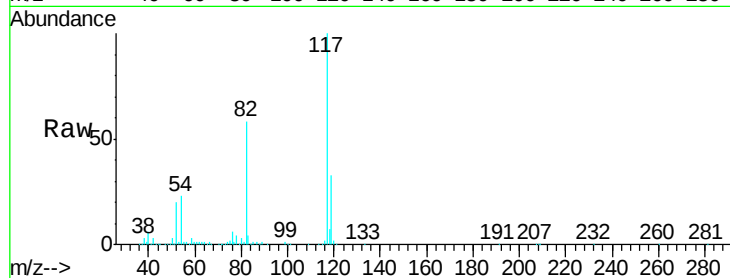
Tgt Ion:117 Resp: 624156

Ion Ratio Lower Upper

117 100

82 58.1 45.8 68.8

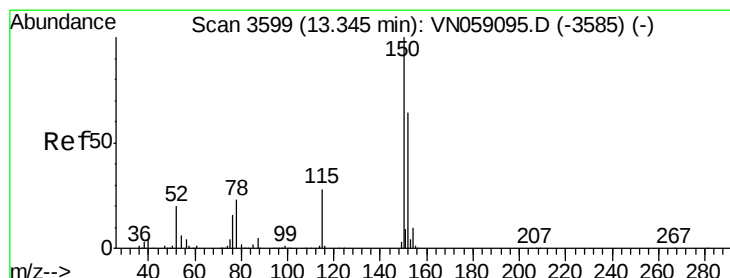
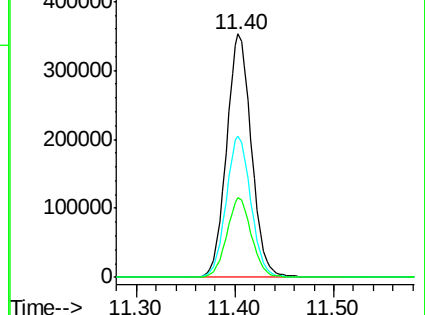
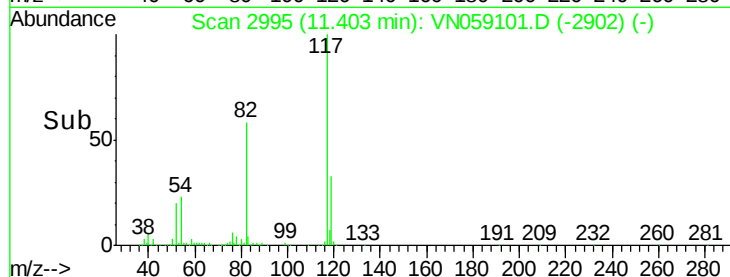
119 32.5 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059101.D

Acq: 6 Nov 2019 12:51

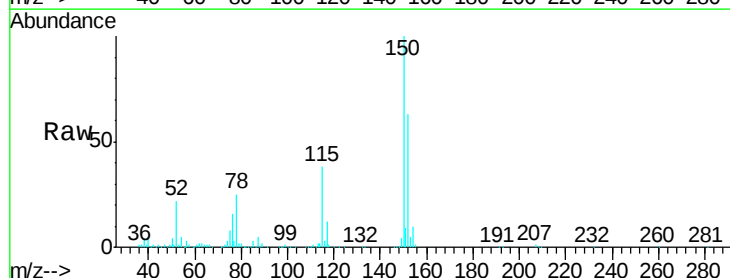
Tgt Ion:152 Resp: 222970

Ion Ratio Lower Upper

152 100

115 60.5 29.4 88.2

150 158.4 0.0 345.8



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

