

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057959.D
 Acq On : 12 Sep 2019 10:52
 Operator : JC/SP
 Sample : PB123001TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123001TB

Quant Time: Sep 13 05:06:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

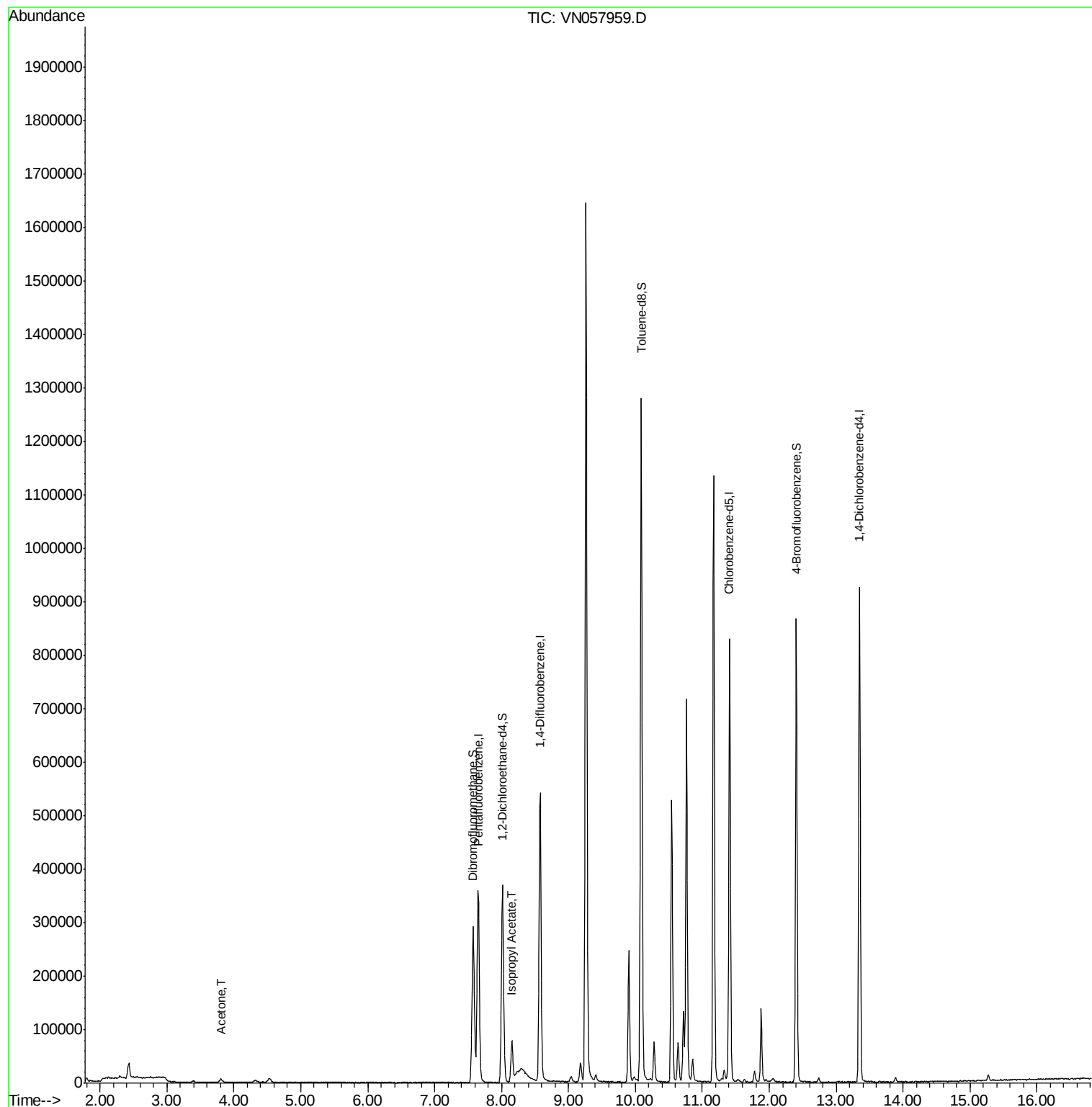
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	281520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	468482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	230612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	315396	55.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.62%	
35) Dibromofluoromethane	7.57	113	218915	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
50) Toluene-d8	10.09	98	860633	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.40	95	288565	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds						
16) Acetone	3.81	43	11229	6.007	ug/l	99
43) Isopropyl Acetate	8.16	43	94273	9.987	ug/l #	90

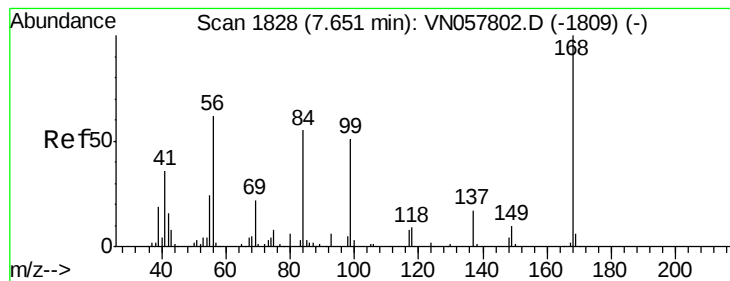
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 13 05:06:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 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: VN057959.D

Acq: 12 Sep 2019 10:52

Instrument :

MSVOA_N

ClientSampled :

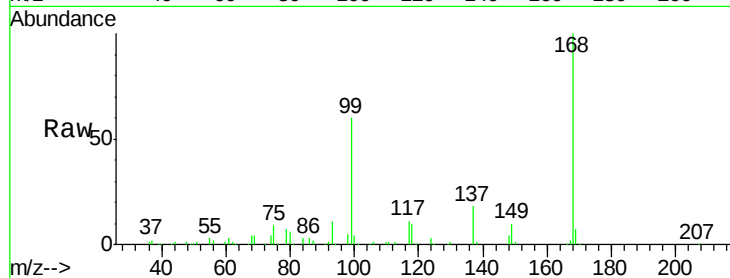
PB123001TB

Tot Ion:168 Resp: 281520

Ion Ratio Lower Upper

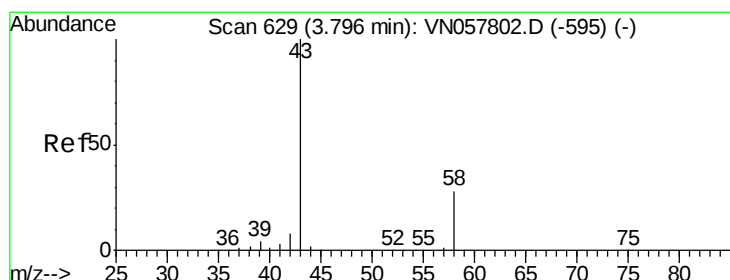
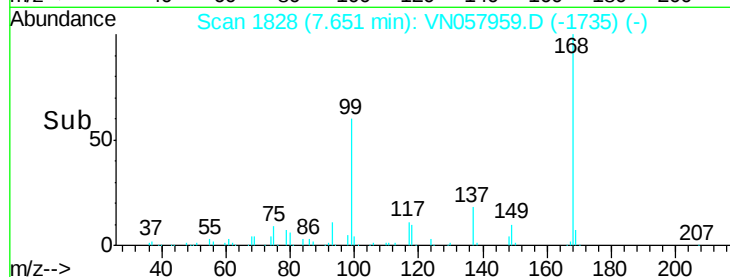
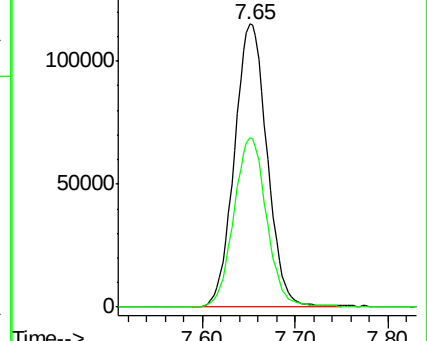
168 100

99 59.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.007 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057959.D

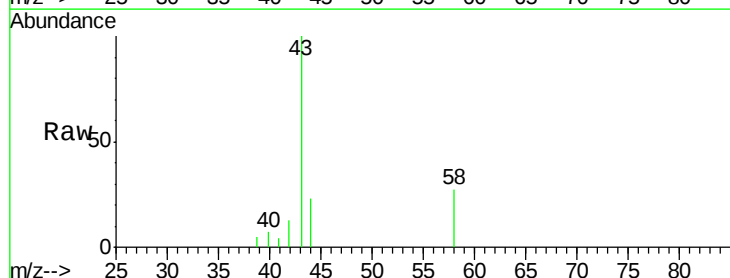
Acq: 12 Sep 2019 10:52

Tgt Ion: 43 Resp: 11229

Ion Ratio Lower Upper

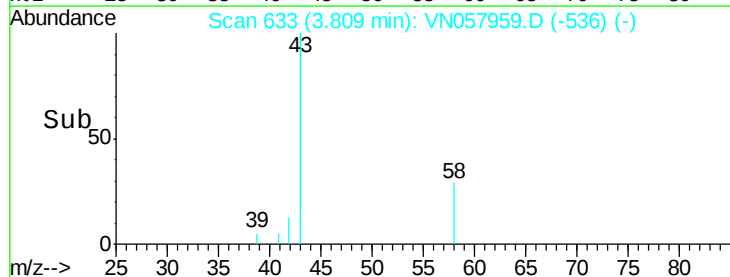
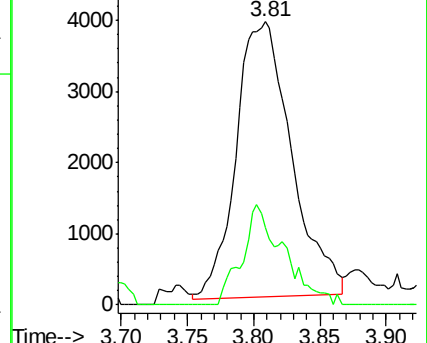
43 100

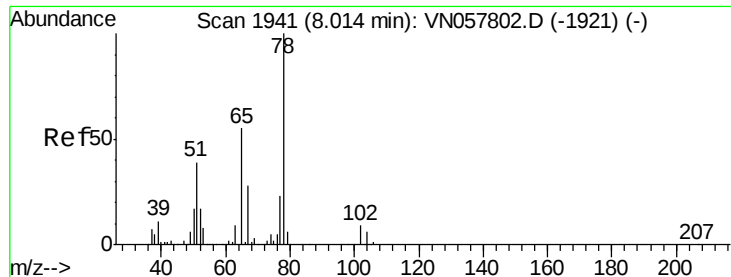
58 28.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

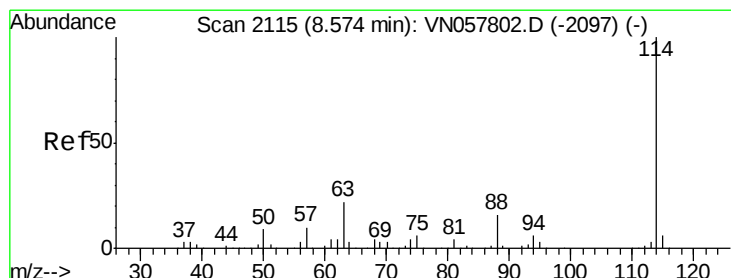
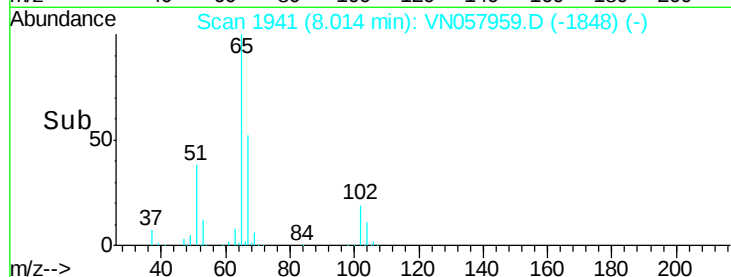
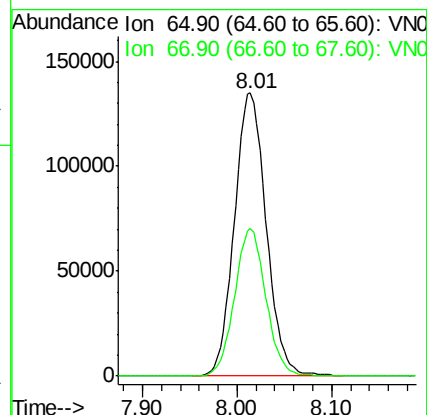
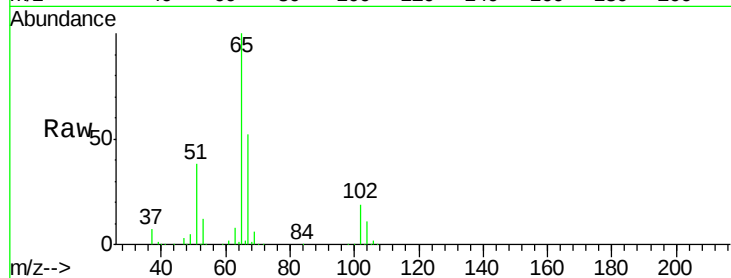




#33
 1,2-Dichloroethane-d4
 Concen: 55.314 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057959.D
 Acq: 12 Sep 2019 10:52

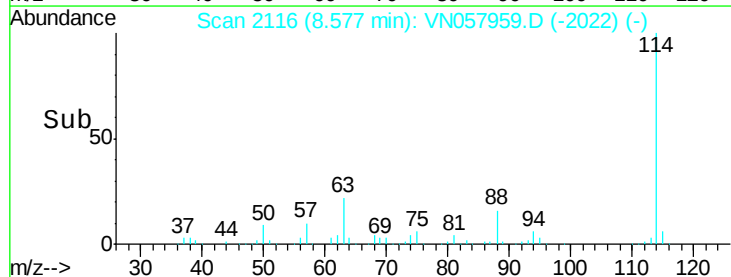
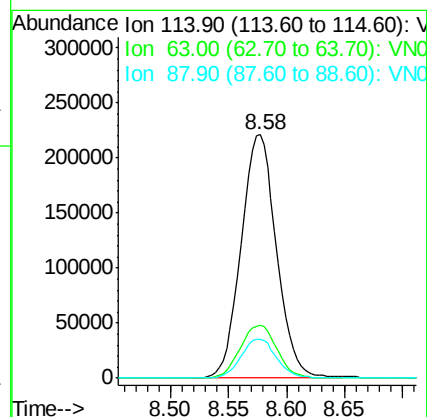
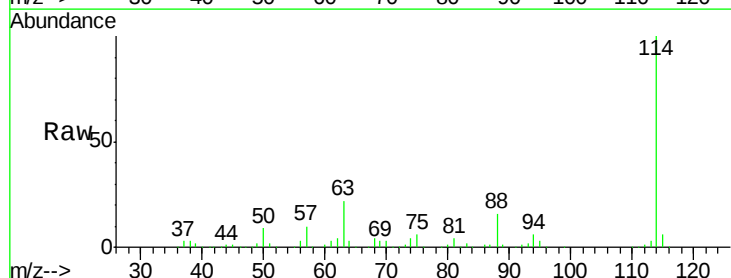
Instrument :
 MSVOA_N
 ClientSampleId :
 PB123001TB

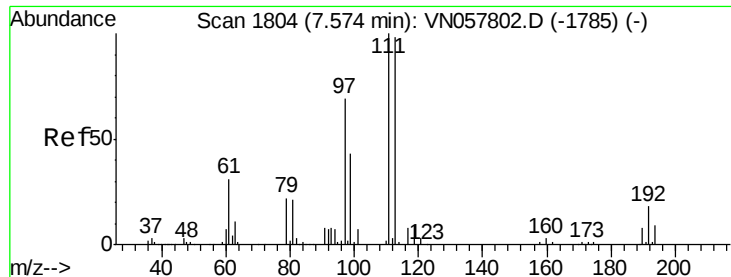
Tot Ion: 65 Resp: 315396
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057959.D
 Acq: 12 Sep 2019 10:52

Tgt Ion: 114 Resp: 468482
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.0
 88 15.9 0.0 31.4

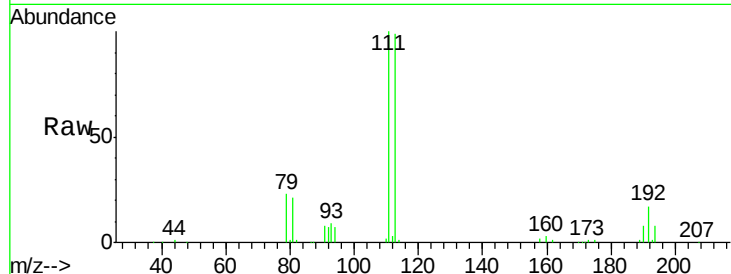




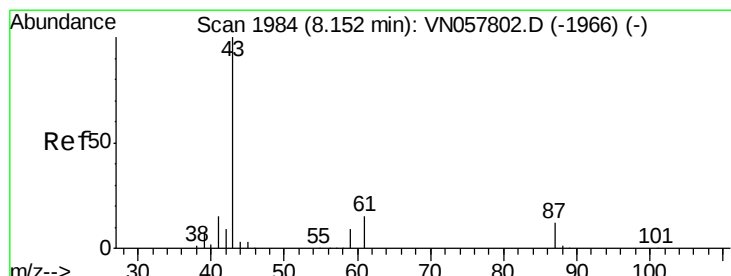
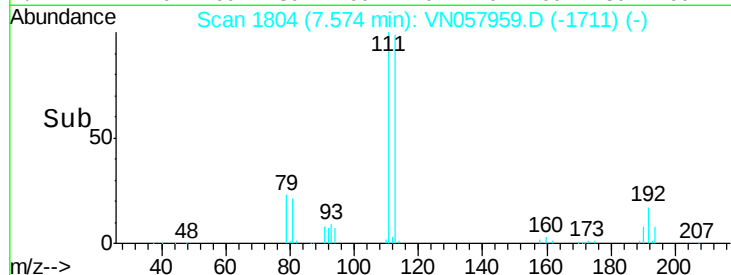
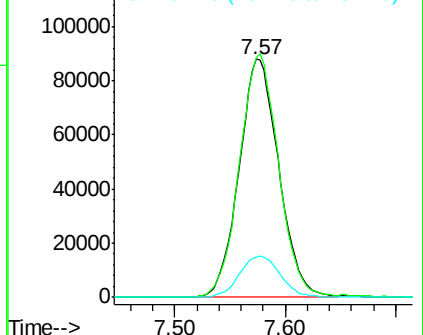
#35
 Dibromofluoromethane
 Concen: 50.629 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057959.D
 Acq: 12 Sep 2019 10:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123001TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.3	121.9
192	17.9	14.6	22.0

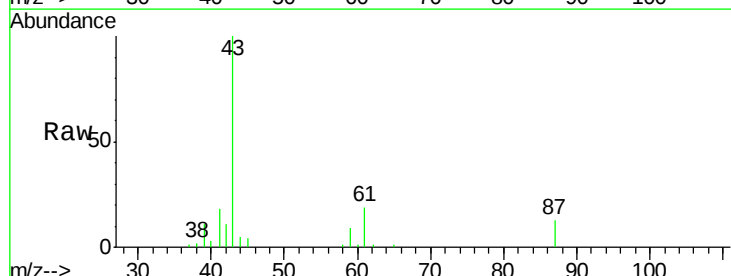


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

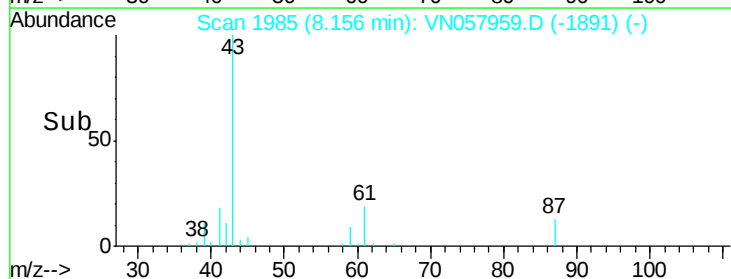
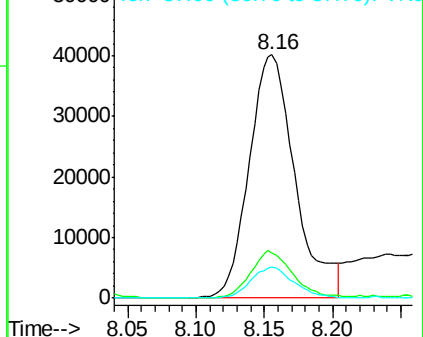


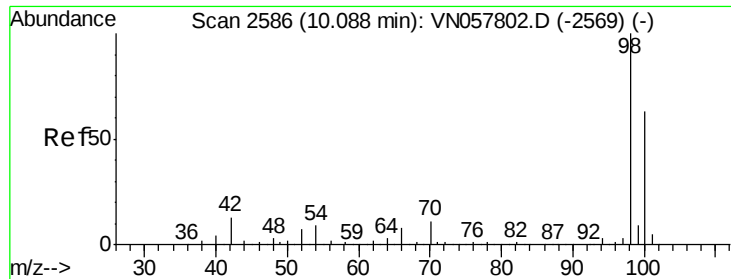
#43
 Isopropyl Acetate
 Concen: 9.987 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057959.D
 Acq: 12 Sep 2019 10:52

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	20.1	30.1#
87	11.9	9.5	14.3



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.266 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057959.D

Acq: 12 Sep 2019 10:52

Instrument :

MSVOA_N

ClientSampled :

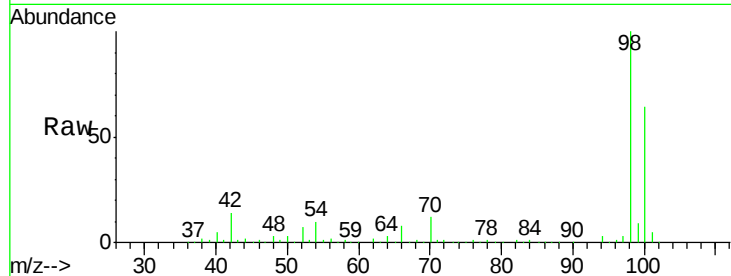
PB123001TB

Tot Ion: 98 Resp: 860633

Ion Ratio Lower Upper

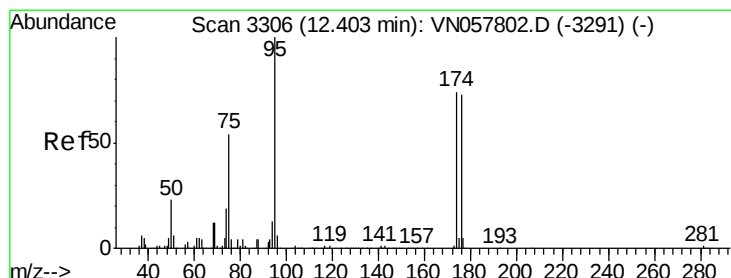
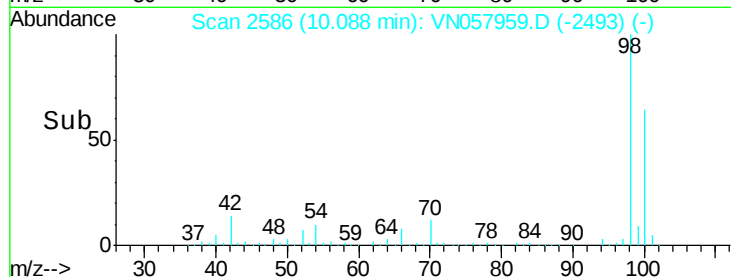
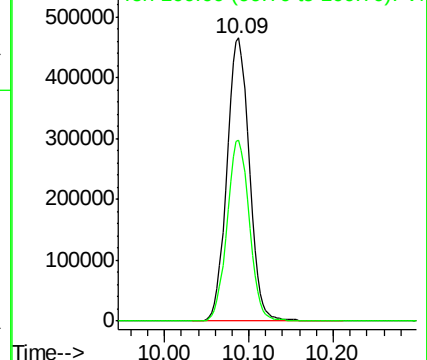
98 100

100 63.7 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 45.105 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057959.D

Acq: 12 Sep 2019 10:52

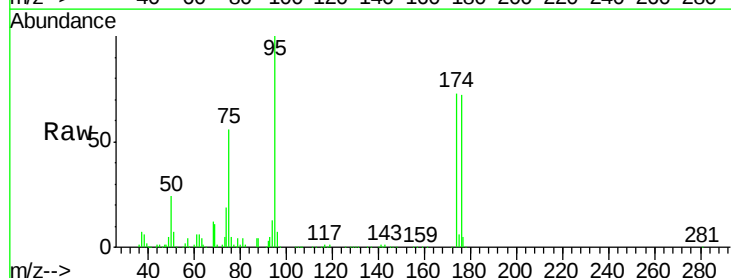
Tgt Ion: 95 Resp: 288565

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

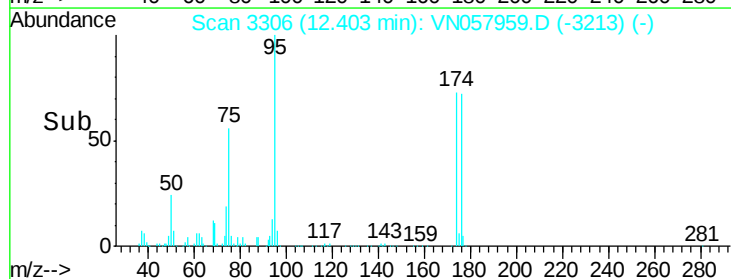
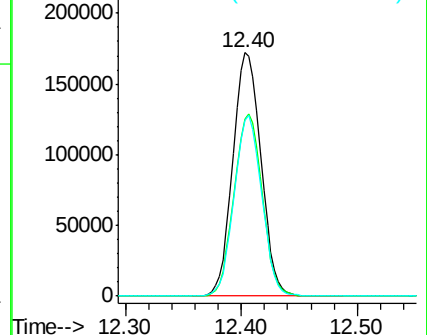
176 72.5 0.0 146.0

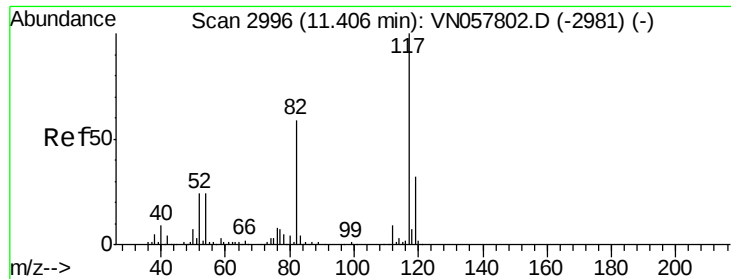


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

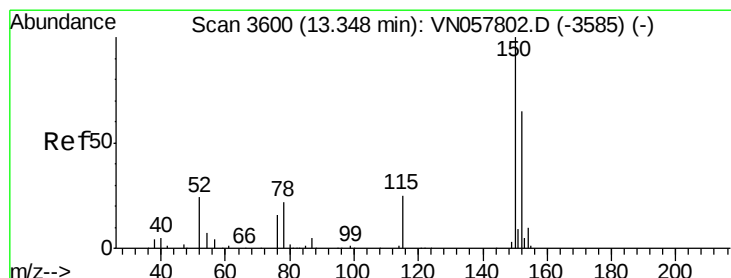
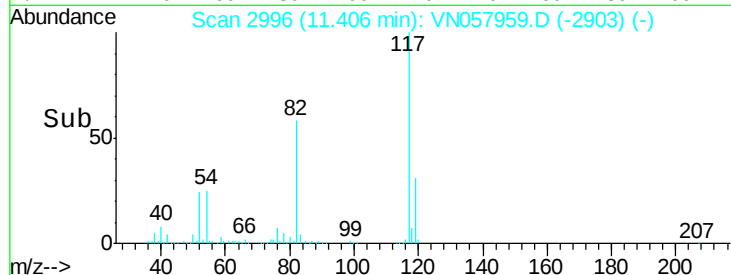
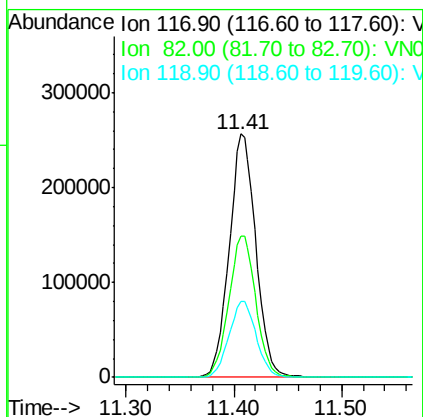
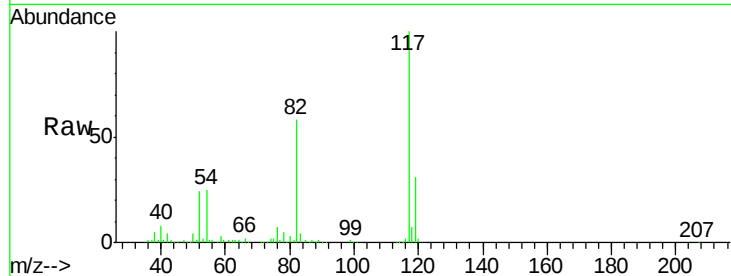




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057959.D
Acq: 12 Sep 2019 10:52

Instrument :
MSVOA_N
ClientSampleId :
PB123001TB

Tot Ion:117 Resp: 439965
Ion Ratio Lower Upper
117 100
82 58.2 47.2 70.8
119 31.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057959.D
Acq: 12 Sep 2019 10:52

Tgt Ion:152 Resp: 230612
Ion Ratio Lower Upper
152 100
115 60.0 30.3 91.0
150 157.1 0.0 352.4

