

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101719\
 Data File : VN058820.D
 Acq On : 17 Oct 2019 12:35
 Operator : JC/SP
 Sample : PB124032TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124032TB

Quant Time: Oct 18 06:47:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

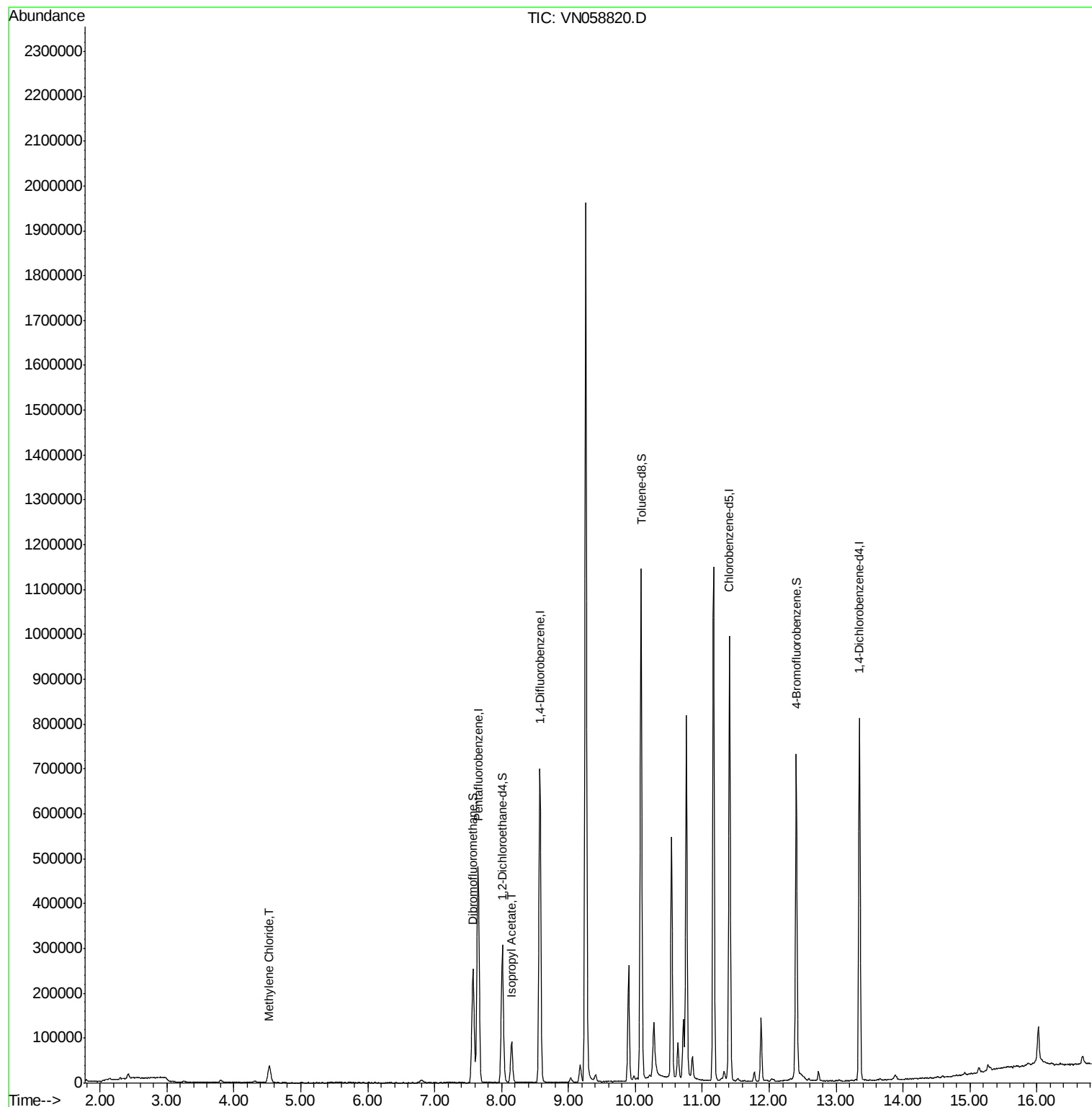
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	374564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	596849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	544261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	269154	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
35) Dibromofluoromethane	7.57	113	192982	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
50) Toluene-d8	10.09	98	758259	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.40	95	244540	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.64%	
Target Compounds						
20) Methylene Chloride	4.53	84	27181	5.991	ug/l	96
43) Isopropyl Acetate	8.15	43	106249	10.220	ug/l #	90

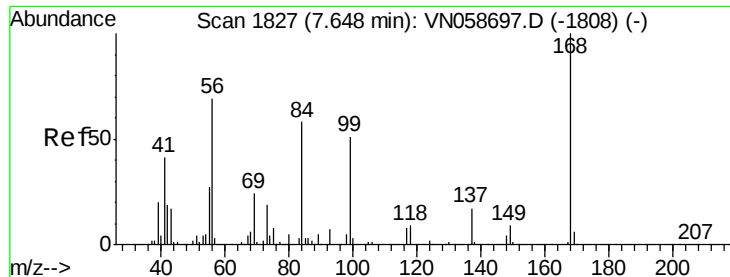
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058820.D

Acq: 17 Oct 2019 12:35

Instrument :

MSVOA_N

ClientSampleId :

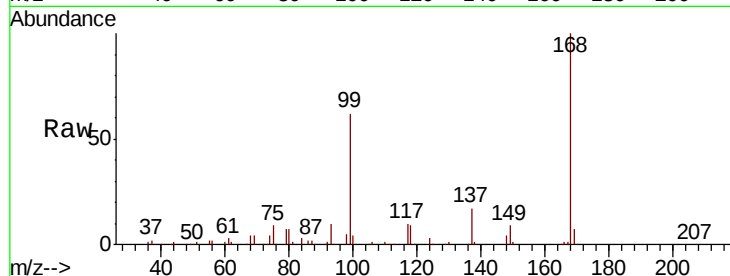
PB124032TB

Tot Ion:168 Resp: 374564

Ion Ratio Lower Upper

168 100

99 61.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

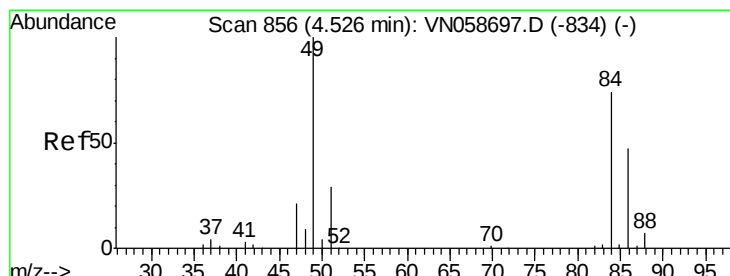
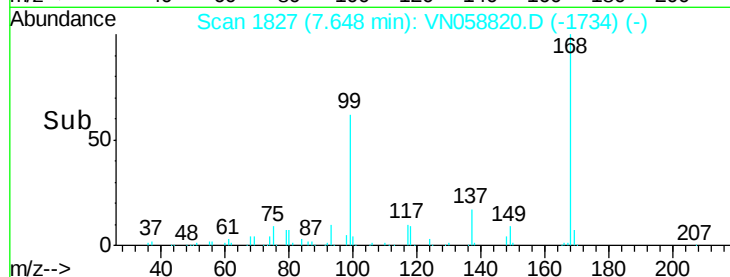
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 5.991 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058820.D

Acq: 17 Oct 2019 12:35

Tgt Ion: 84 Resp: 27181

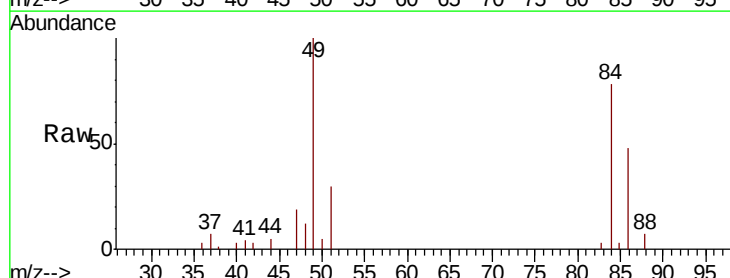
Ion Ratio Lower Upper

84 100

49 127.7 107.6 161.4

51 38.5 31.4 47.0

86 61.9 50.3 75.5



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

15000

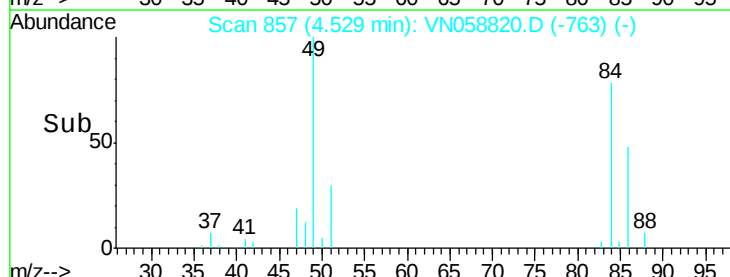
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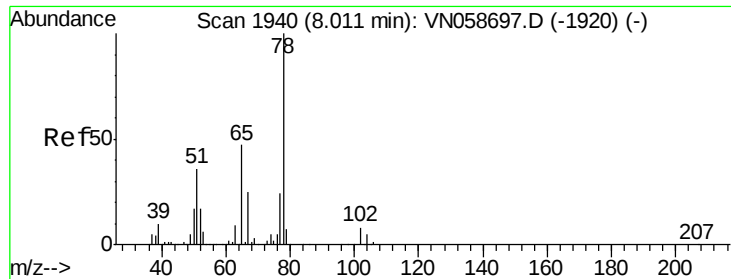
5000

0

Time-->

4.40 4.50 4.60

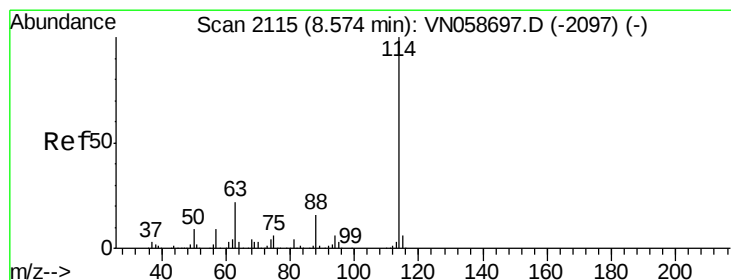
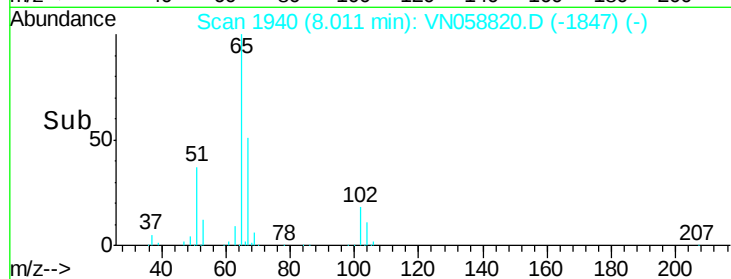
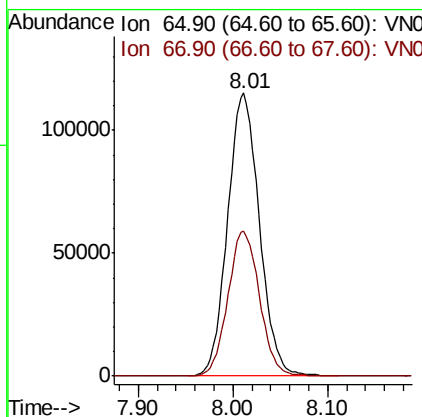
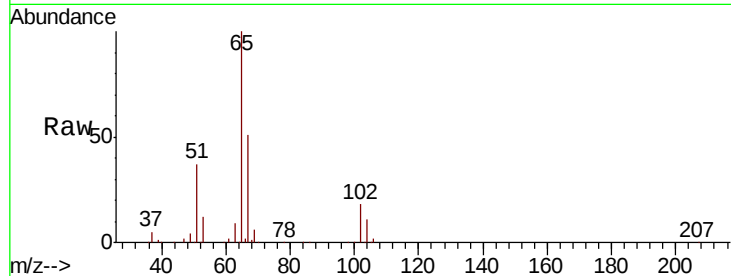




#33
 1,2-Dichloroethane-d4
 Concen: 51.328 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058820.D
 Acq: 17 Oct 2019 12:35

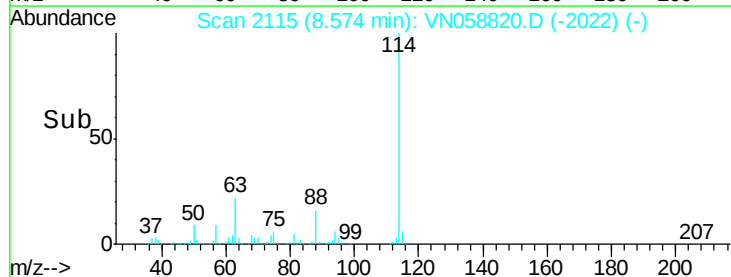
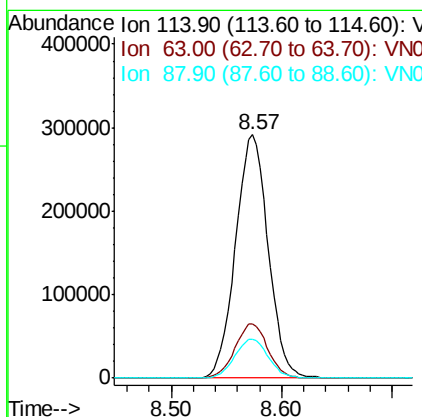
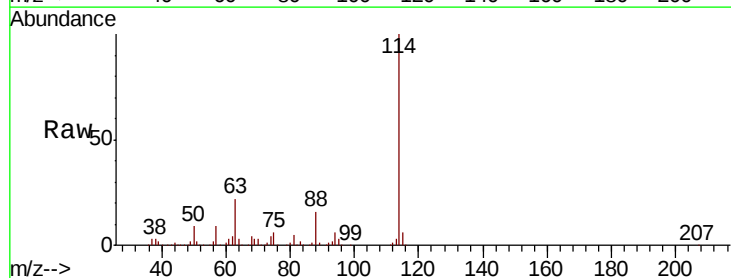
Instrument :
 MSVOA_N
 ClientSampled :
 PB124032TB

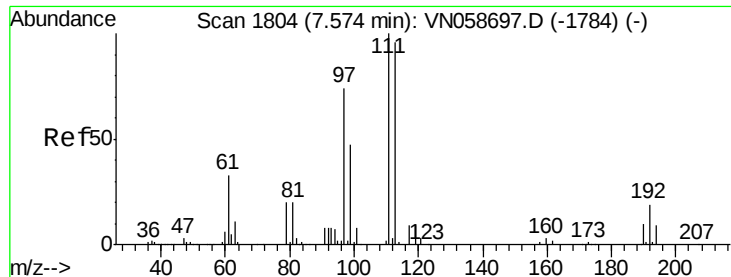
Tot Ion: 65 Resp: 269154
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058820.D
 Acq: 17 Oct 2019 12:35

Tgt Ion: 114 Resp: 596849
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.8
 88 16.2 0.0 32.0

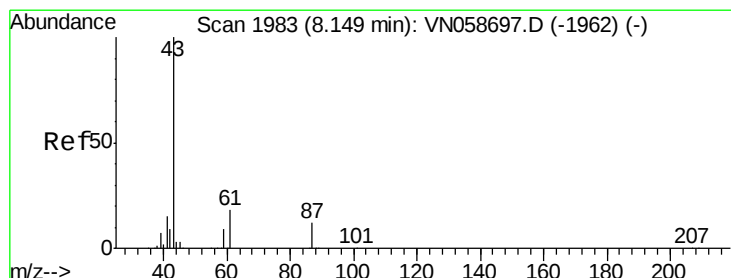
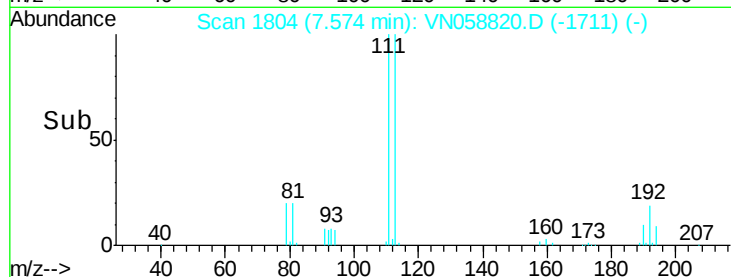
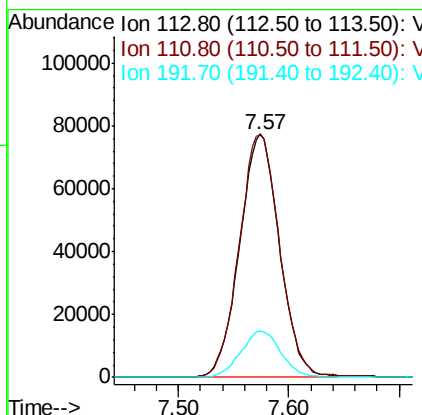
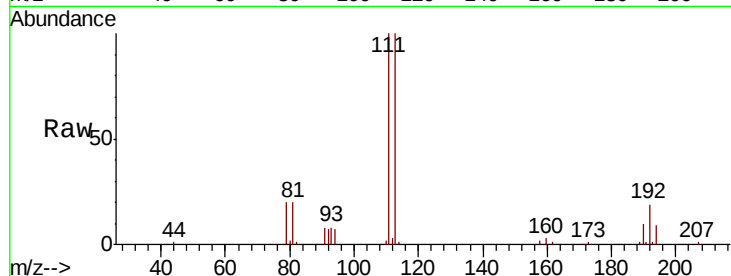




#35
 Dibromofluoromethane
 Concen: 52.347 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058820.D
 Acq: 17 Oct 2019 12:35

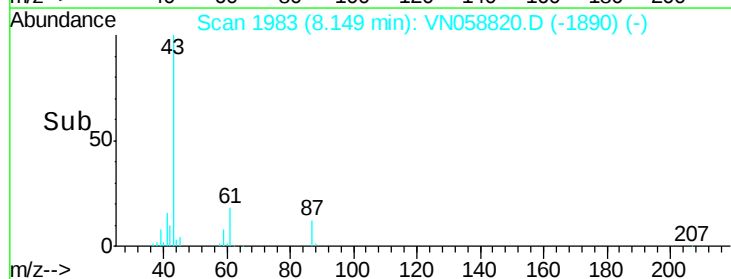
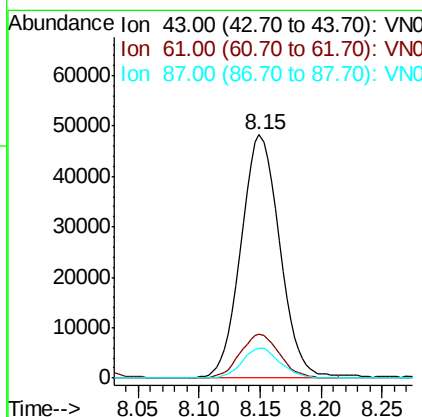
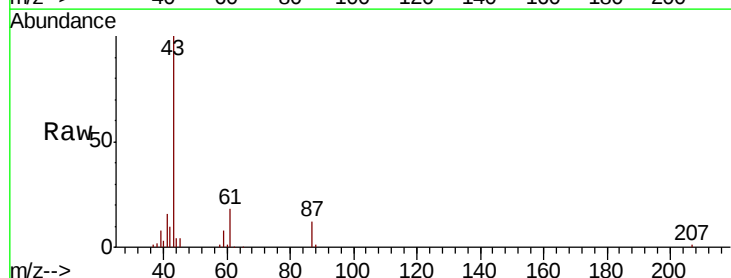
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124032TB

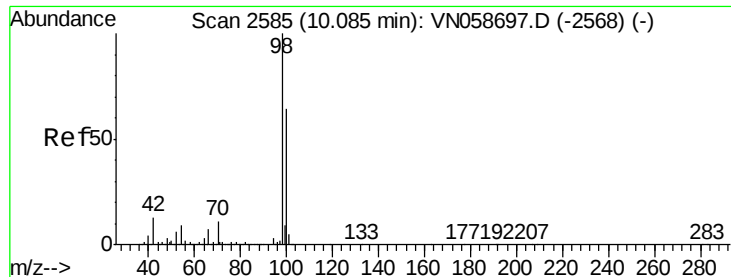
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.3	123.5
192	19.0	15.0	22.6



#43
 Isopropyl Acetate
 Concen: 10.220 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058820.D
 Acq: 17 Oct 2019 12:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	20.3	30.5#
87	11.8	9.8	14.6





#50

Toluene-d8

Concen: 51.434 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058820.D

Acq: 17 Oct 2019 12:35

Instrument :

MSVOA_N

ClientSampleId :

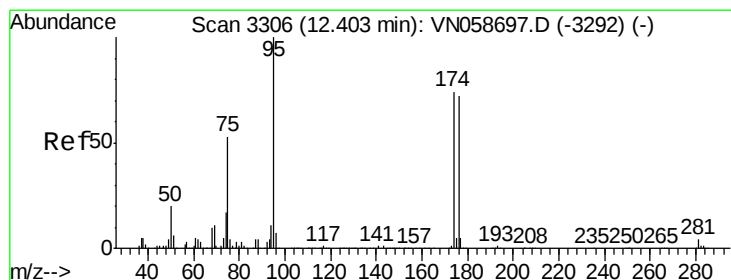
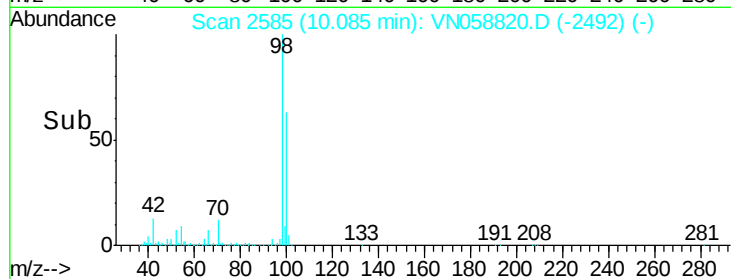
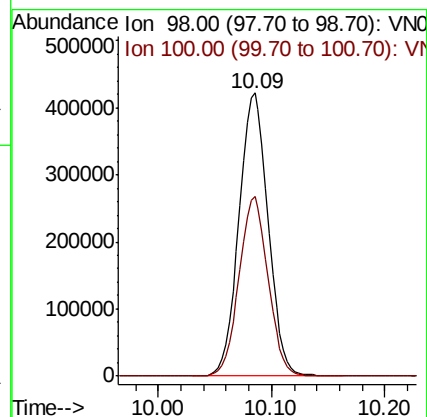
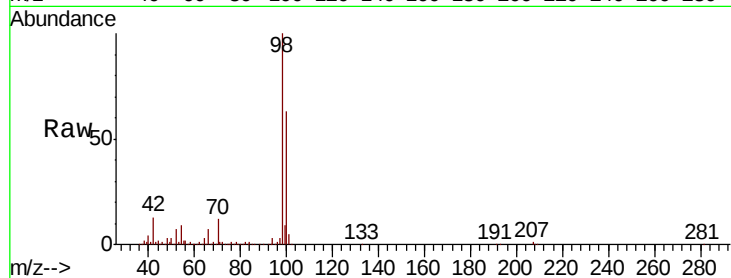
PB124032TB

Tot Ion: 98 Resp: 758259

Ion Ratio Lower Upper

98 100

100 63.1 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.822 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058820.D

Acq: 17 Oct 2019 12:35

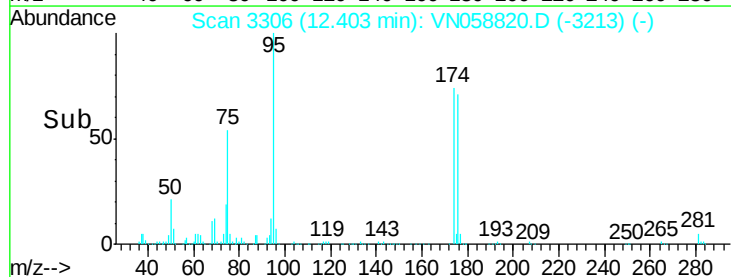
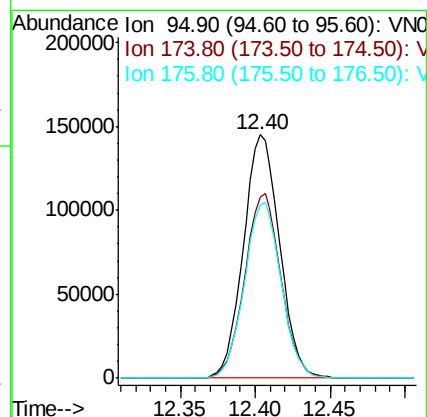
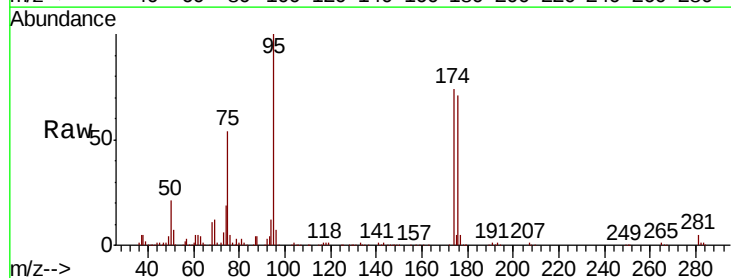
Tgt Ion: 95 Resp: 244540

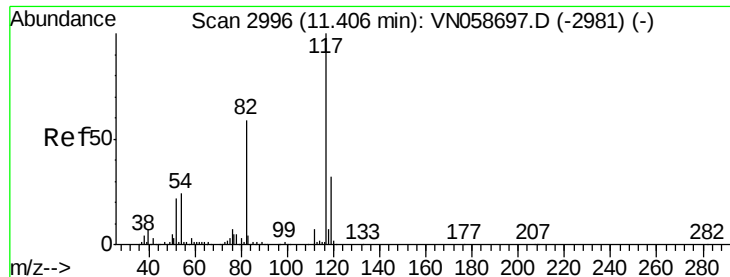
Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.4

176 73.1 0.0 146.8

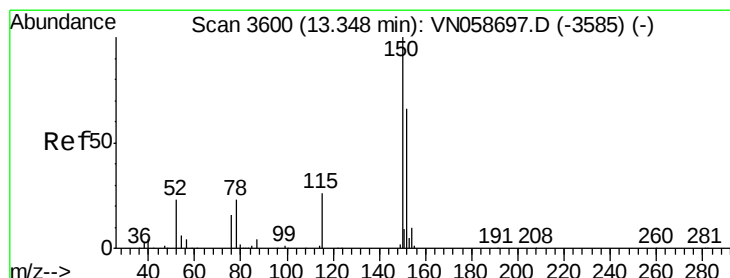
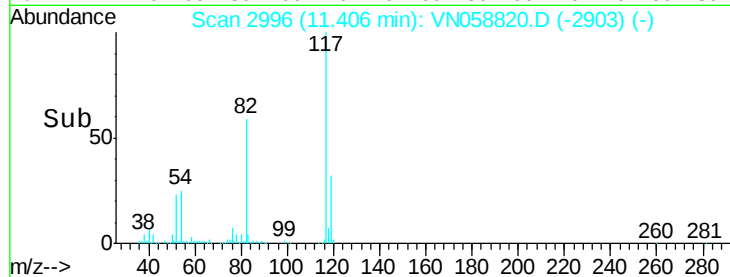
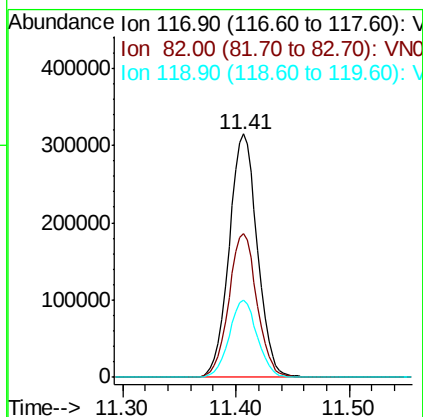
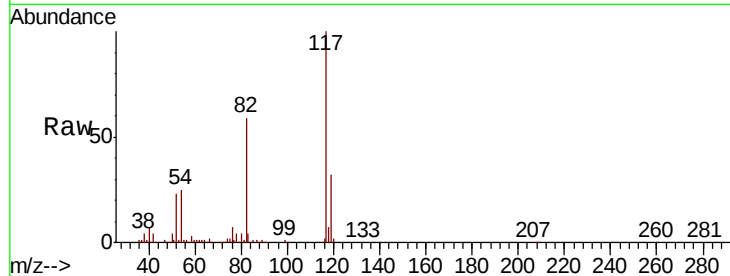




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058820.D
Acq: 17 Oct 2019 12:35

Instrument :
MSVOA_N
ClientSampleId :
PB124032TB

Tot Ion:117 Resp: 544261
Ion Ratio Lower Upper
117 100
82 59.3 47.0 70.4
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058820.D
Acq: 17 Oct 2019 12:35

Tgt Ion:152 Resp: 203306
Ion Ratio Lower Upper
152 100
115 60.8 30.4 91.2
150 156.9 0.0 345.4

