

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102619\
 Data File : VN058978.D
 Acq On : 25 Oct 2019 11:48
 Operator : JC/SP
 Sample : PB124287TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124287TB

Quant Time: Oct 25 23:41:22 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

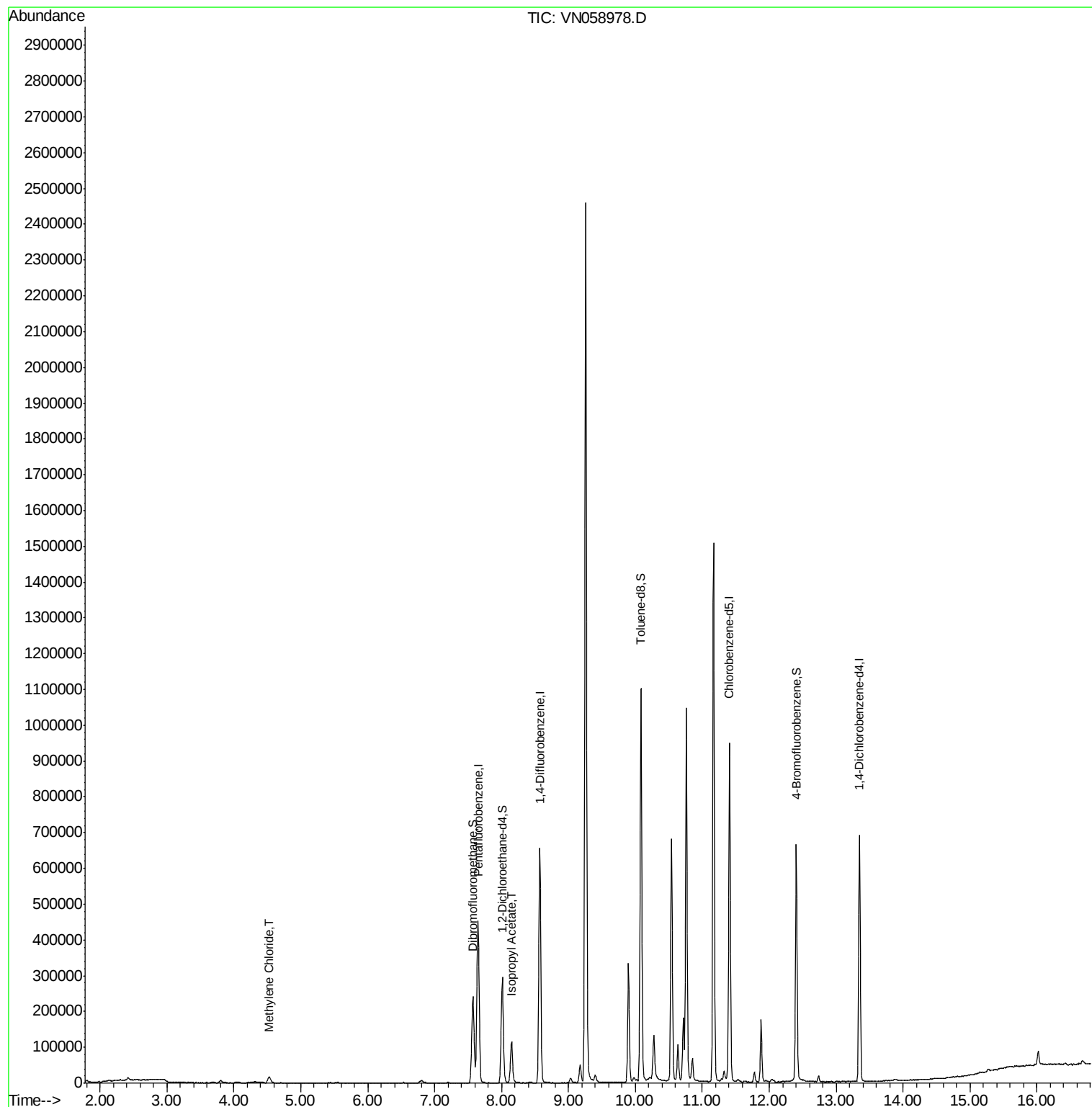
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	353491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	561652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	528770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	180492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	258373	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
35) Dibromofluoromethane	7.57	113	186268	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.08	98	730939	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.40	95	226625	43.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.10%	
Target Compounds						
20) Methylene Chloride	4.53	84	12231	2.796	ug/l	95
43) Isopropyl Acetate	8.15	43	135055	13.440	ug/l #	91

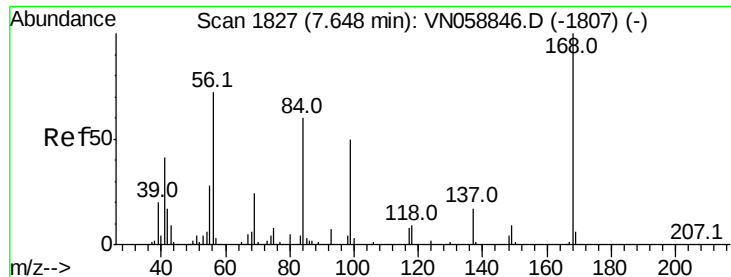
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058978.D

Acq: 25 Oct 2019 11:48

Instrument :

MSVOA_N

ClientSampleId :

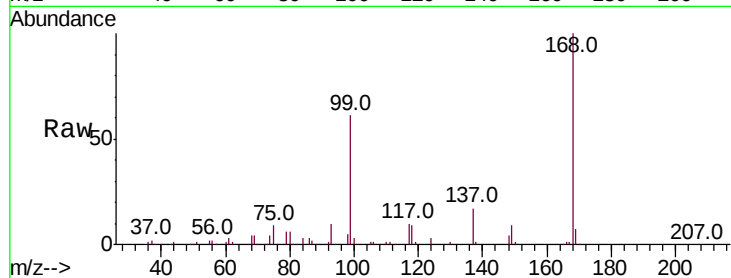
PB124287TB

Tot Ion:168 Resp: 353491

Ion Ratio Lower Upper

168 100

99 60.5 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

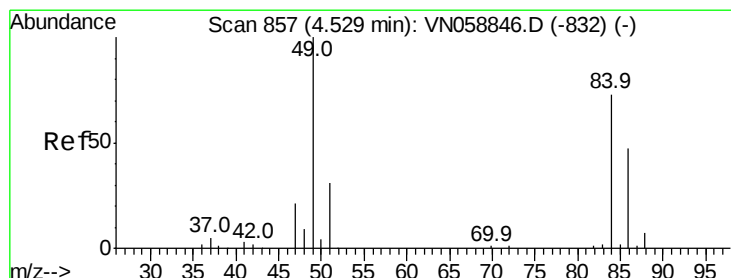
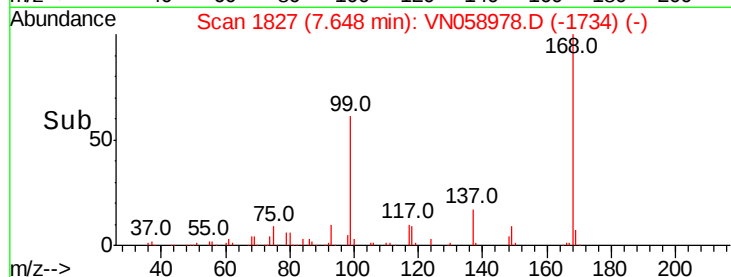
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 2.796 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058978.D

Acq: 25 Oct 2019 11:48

Tgt Ion: 84 Resp: 12231

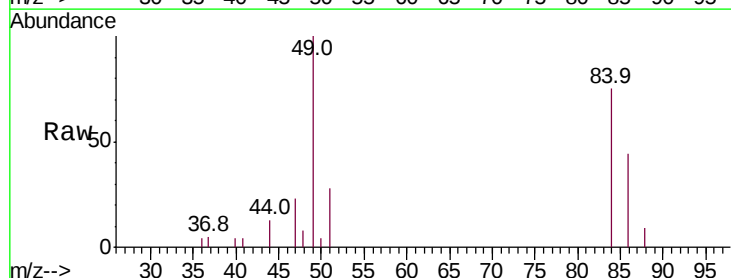
Ion Ratio Lower Upper

84 100

49 133.7 109.6 164.4

51 38.1 33.8 50.6

86 58.3 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

4.53

8000

6000

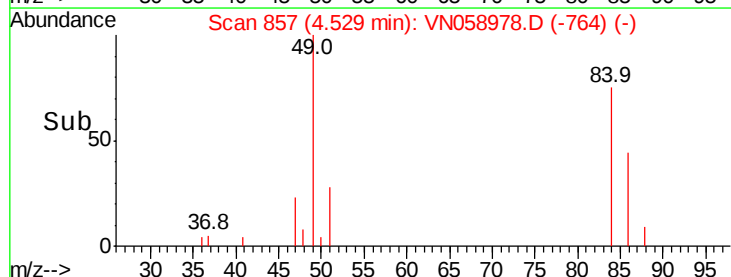
4000

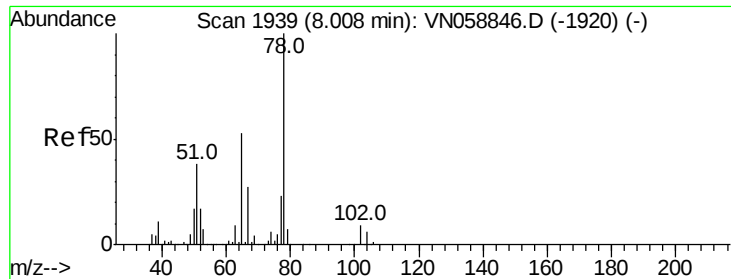
2000

0

4.45 4.50 4.55 4.60

Time-->

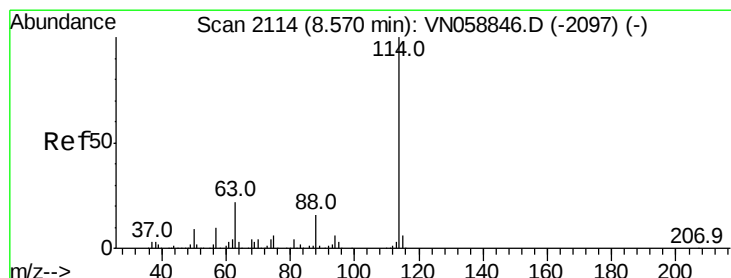
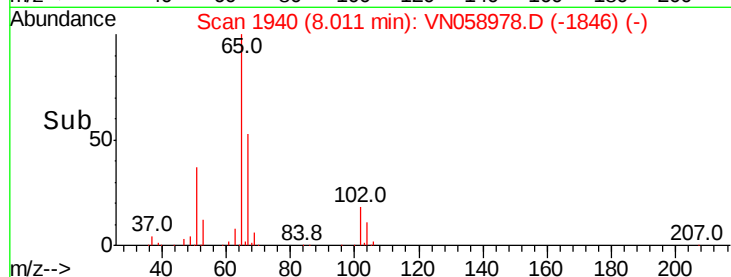
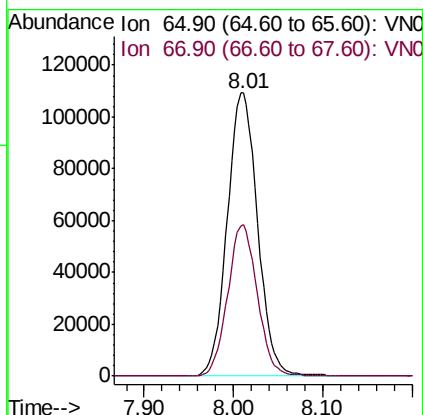
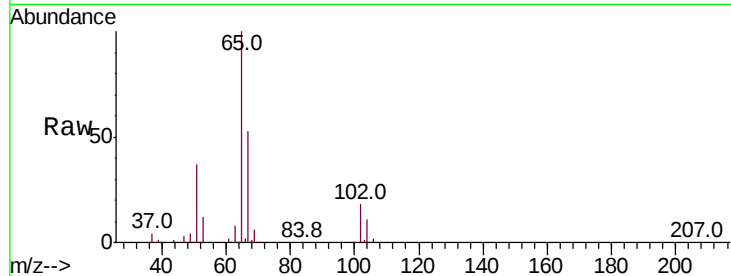




#33
 1,2-Dichloroethane-d4
 Concen: 49.836 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058978.D
 Acq: 25 Oct 2019 11:48

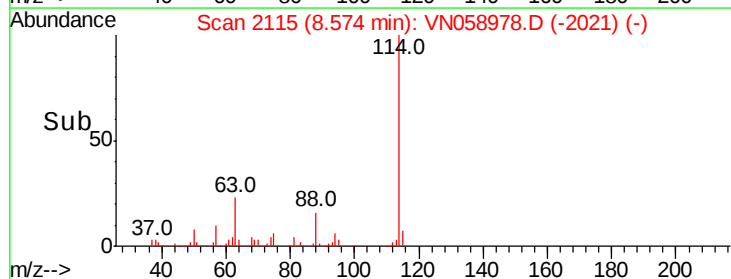
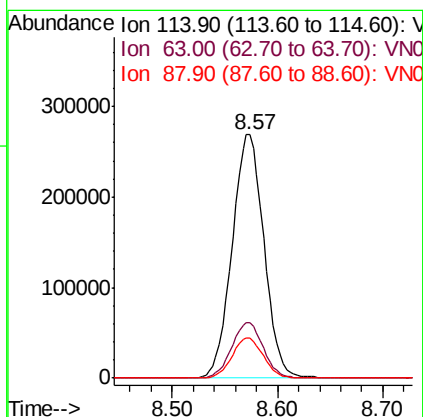
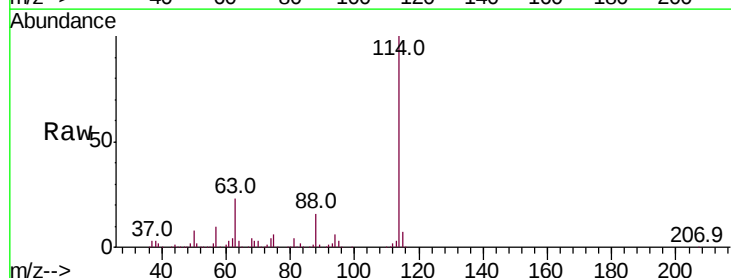
Instrument :
 MSVOA_N
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 PB124287TB

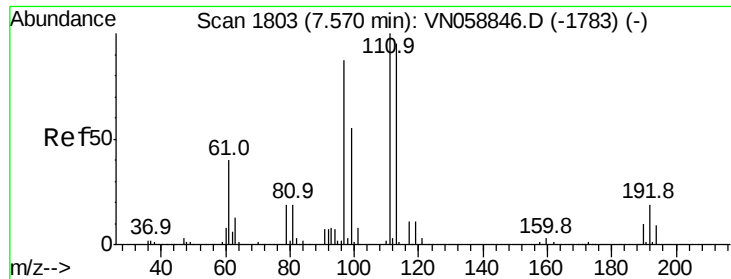
Tot Ion: 65 Resp: 258373
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058978.D
 Acq: 25 Oct 2019 11:48

Tgt Ion: 114 Resp: 561652
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.4
 88 16.3 0.0 31.4

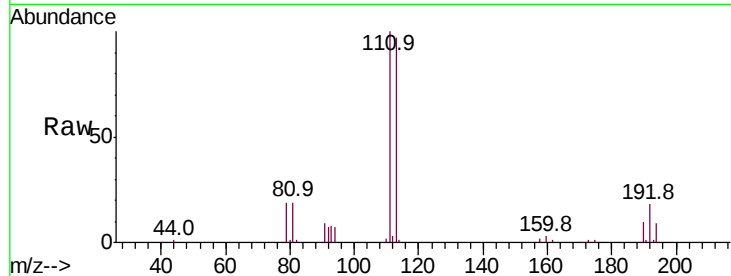




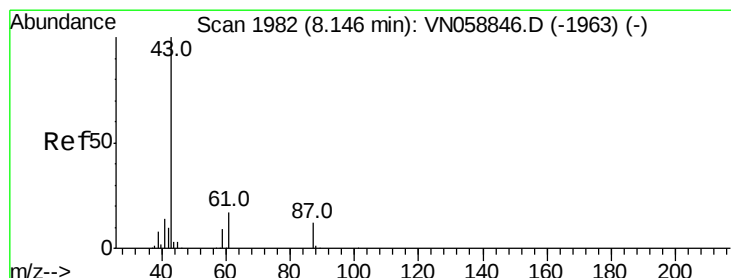
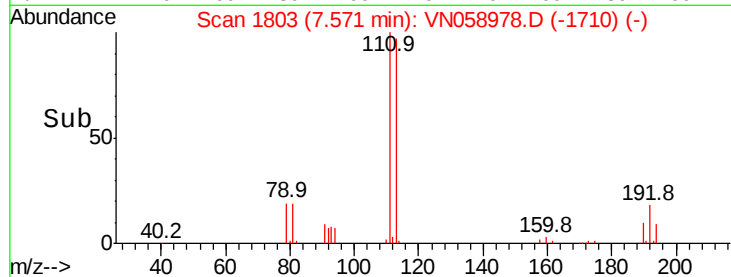
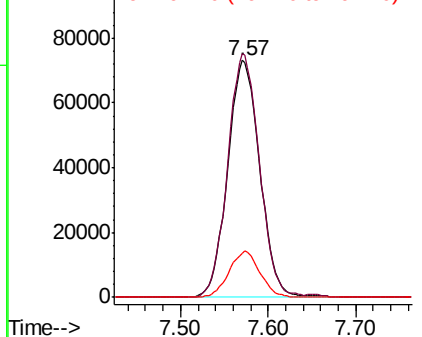
#35
 Dibromofluoromethane
 Concen: 50.442 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN058978.D
 Acq: 25 Oct 2019 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124287TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	18.8	15.0	22.6

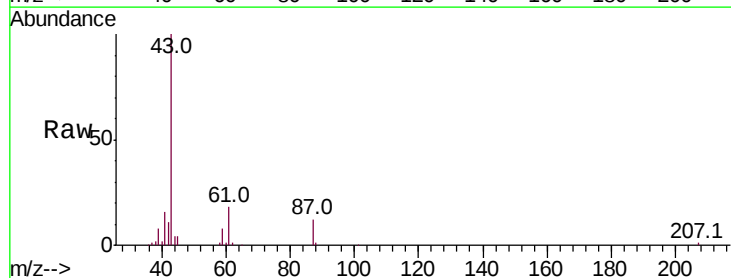


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

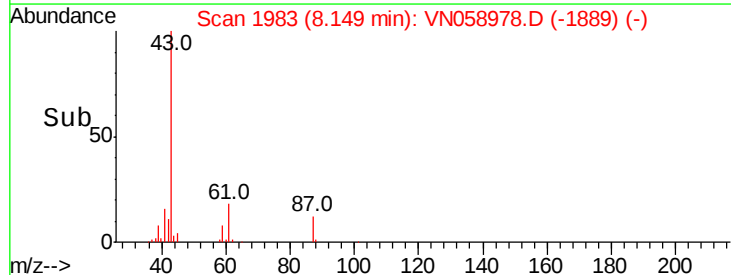
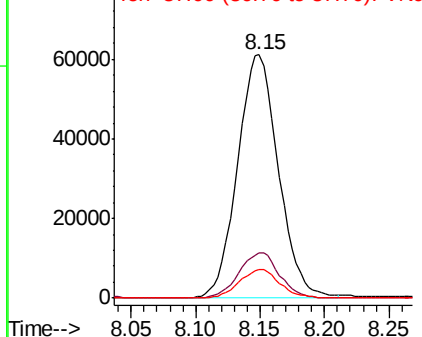


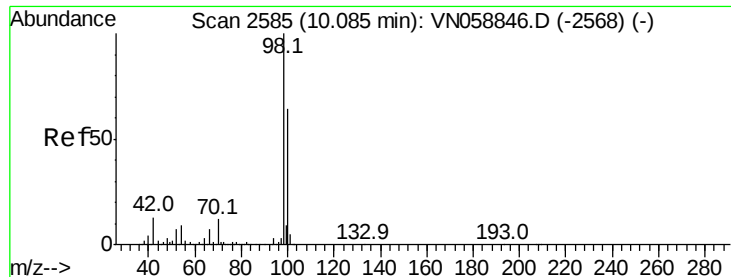
#43
 Isopropyl Acetate
 Concen: 13.440 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058978.D
 Acq: 25 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.5	20.2	30.2#
87	11.6	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: 50.991 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058978.D

Acq: 25 Oct 2019 11:48

Instrument :

MSVOA_N

ClientSampleId :

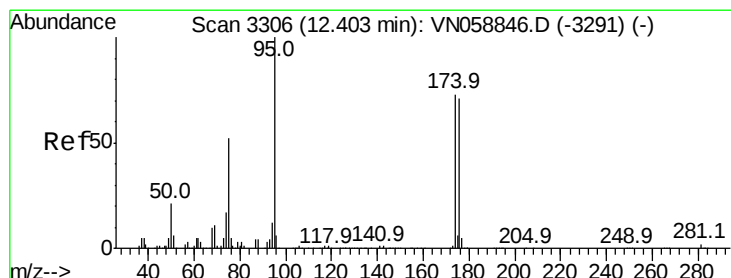
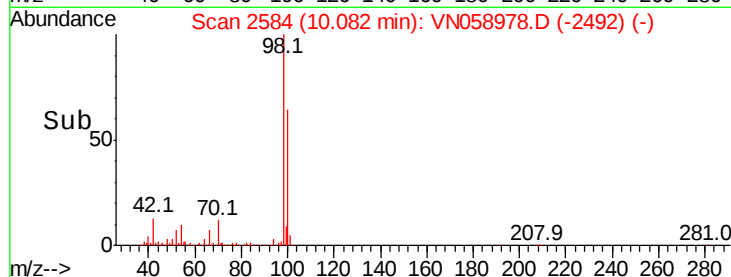
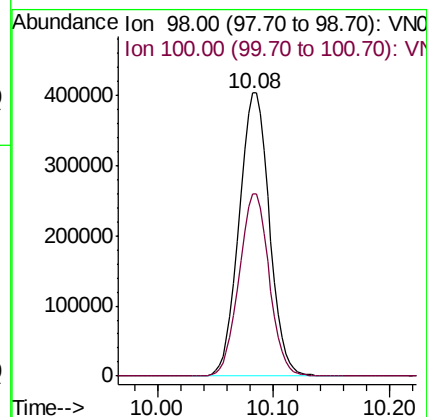
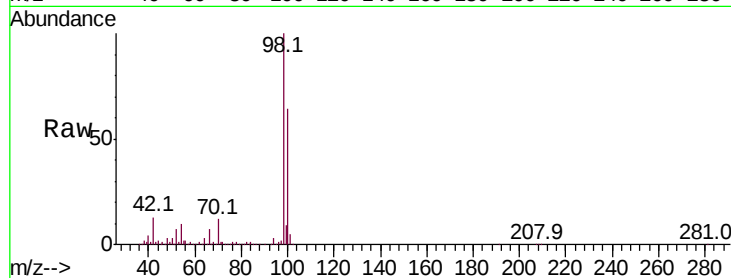
PB124287TB

Tot Ion: 98 Resp: 730939

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 43.051 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058978.D

Acq: 25 Oct 2019 11:48

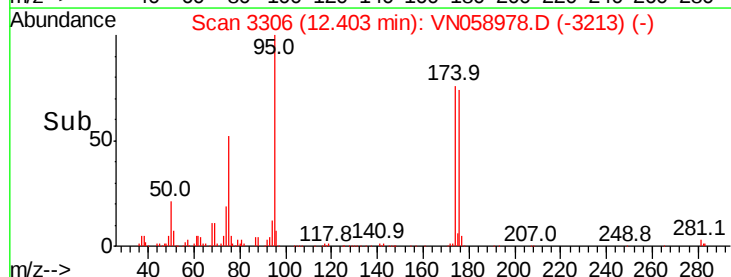
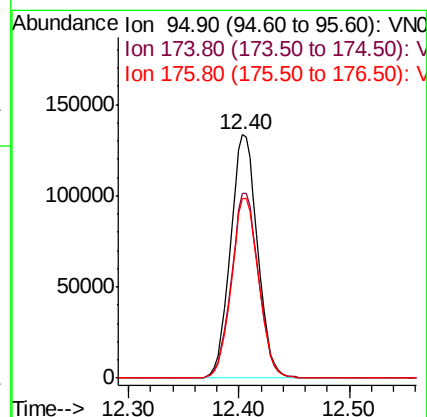
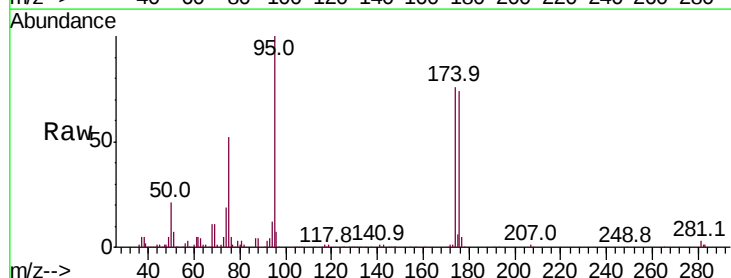
Tgt Ion: 95 Resp: 226625

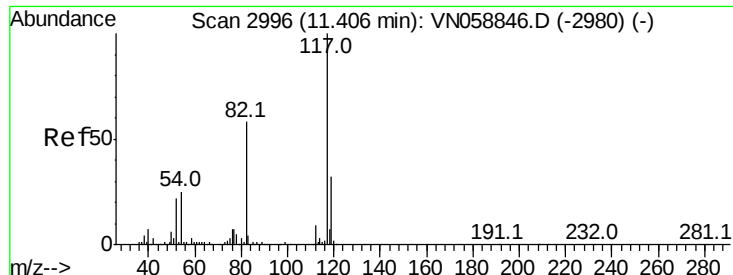
Ion Ratio Lower Upper

95 100

174 76.5 0.0 147.6

176 74.4 0.0 143.2

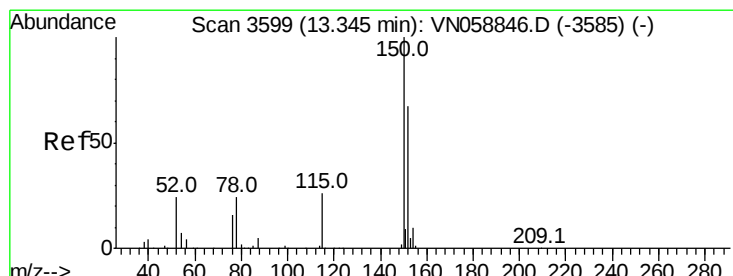
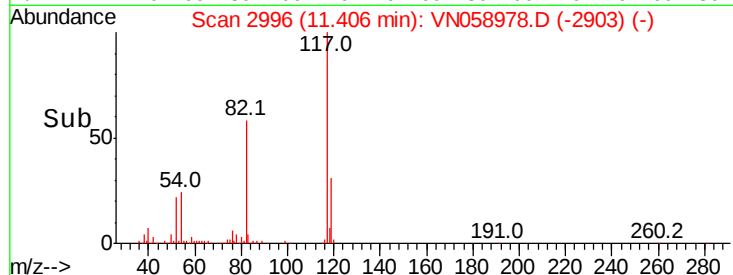
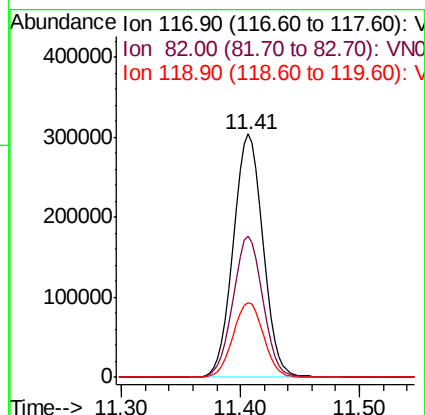
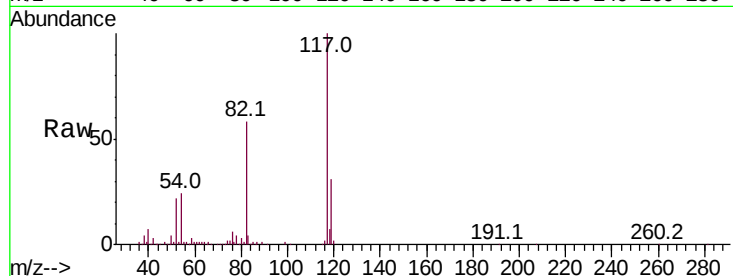




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058978.D
Acq: 25 Oct 2019 11:48

Instrument :
MSVOA_N
ClientSampleId :
PB124287TB

Tot Ion:117 Resp: 528770
Ion Ratio Lower Upper
117 100
82 58.1 46.6 69.8
119 30.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058978.D
Acq: 25 Oct 2019 11:48

Tgt Ion:152 Resp: 180492
Ion Ratio Lower Upper
152 100
115 60.6 30.5 91.5
150 156.9 0.0 344.4

