

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058794.D
 Acq On : 16 Oct 2019 12:30
 Operator : JC/SP
 Sample : PB123949TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123949TB

Quant Time: Oct 17 08:01:16 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

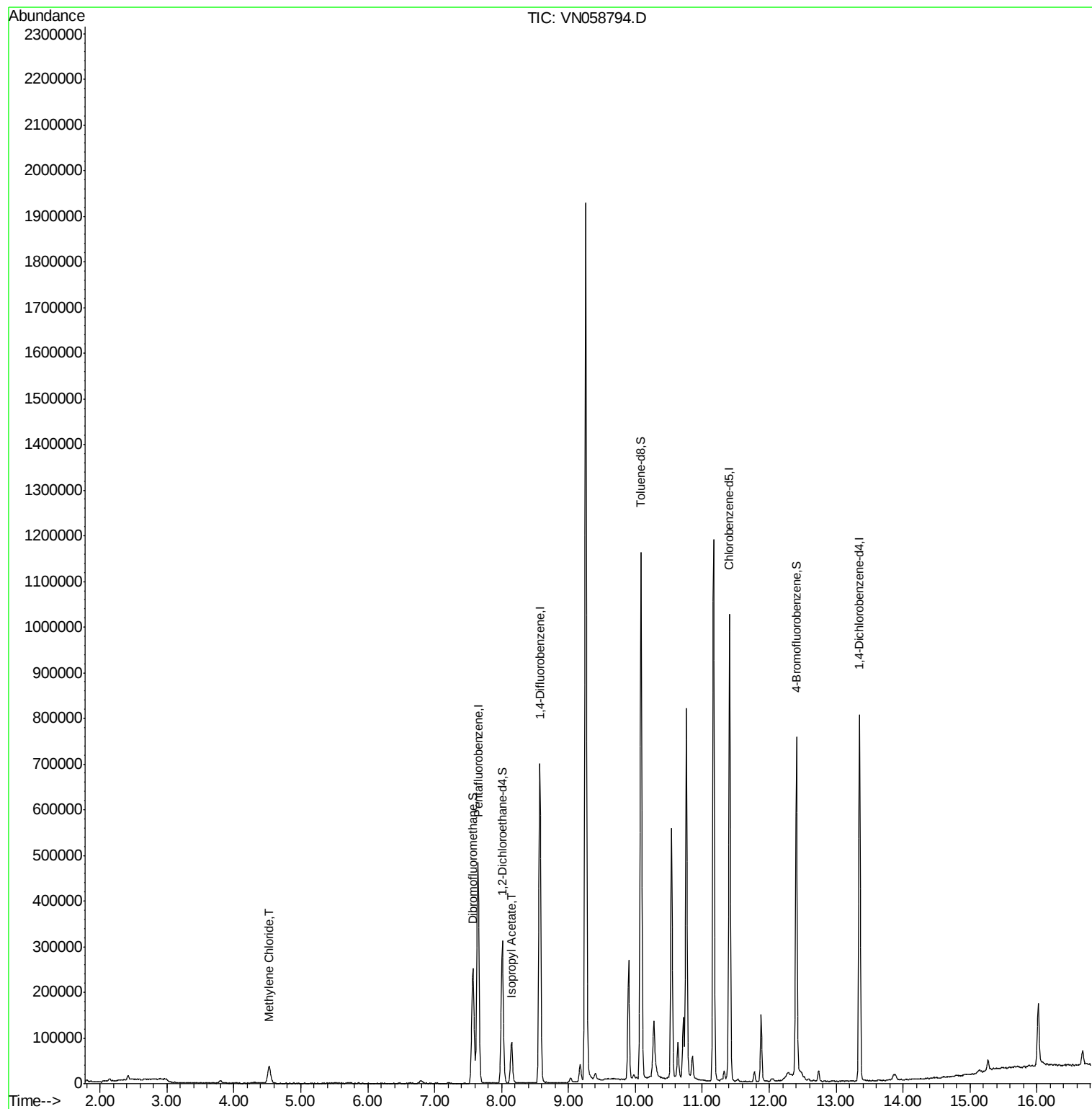
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	378936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	608097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	549987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	273817	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
35) Dibromofluoromethane	7.57	113	195910	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
50) Toluene-d8	10.08	98	778464	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.40	95	249440	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
Target Compounds						
20) Methylene Chloride	4.53	84	28313	6.168	ug/l	99
43) Isopropyl Acetate	8.15	43	107141	10.115	ug/l #	91

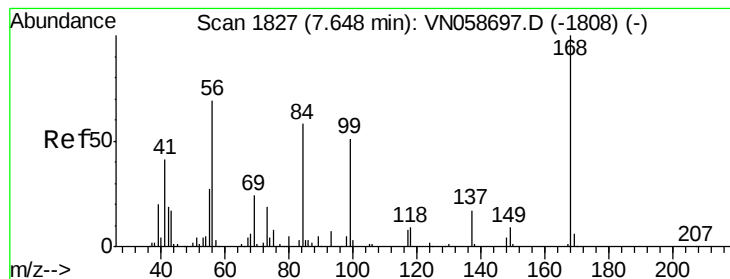
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058794.D

Acq: 16 Oct 2019 12:30

Instrument :

MSVOA_N

ClientSampleId :

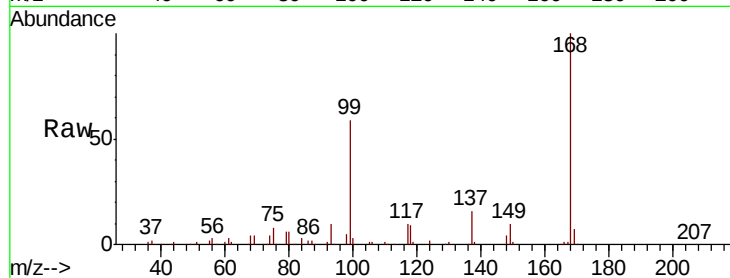
PB123949TB

Tot Ion:168 Resp: 378936

Ion Ratio Lower Upper

168 100

99 58.6 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

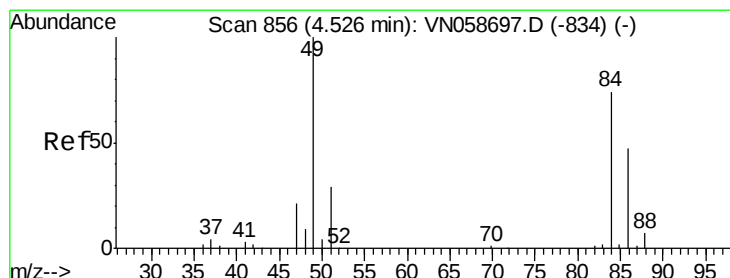
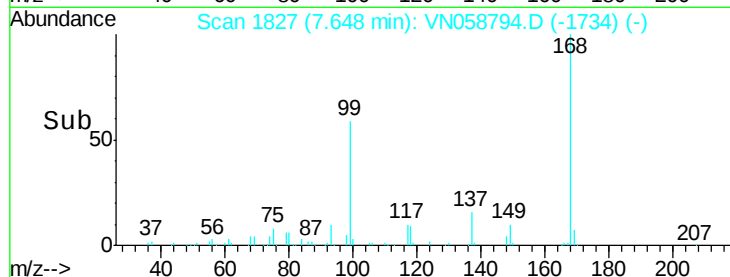
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 6.168 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN058794.D

Acq: 16 Oct 2019 12:30

Tgt Ion: 84 Resp: 28313

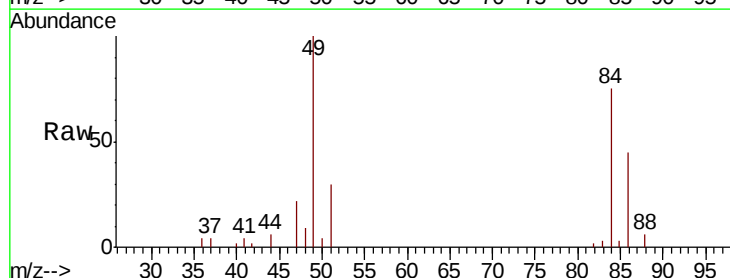
Ion Ratio Lower Upper

84 100

49 133.8 107.6 161.4

51 39.5 31.4 47.0

86 60.1 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

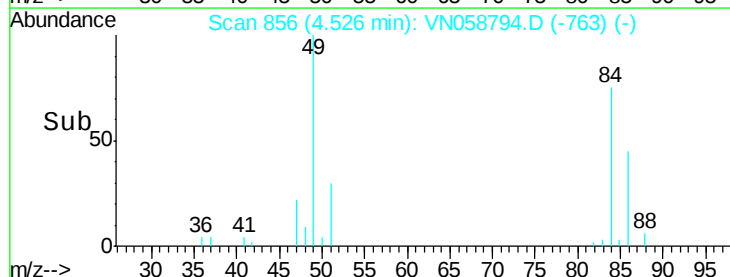
15000

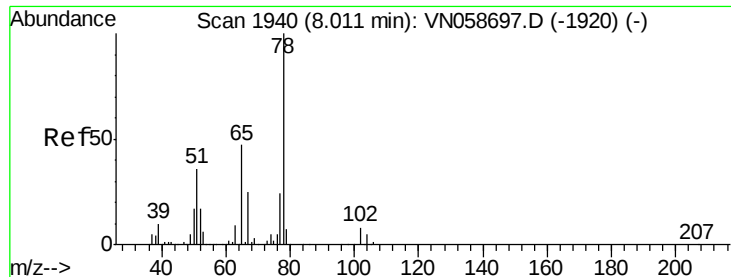
10000

5000

0

Time--> 4.40 4.50 4.60





#33

1,2-Dichloroethane-d4

Concen: 51.614 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058794.D

Acq: 16 Oct 2019 12:30

Instrument :

MSVOA_N

ClientSampled :

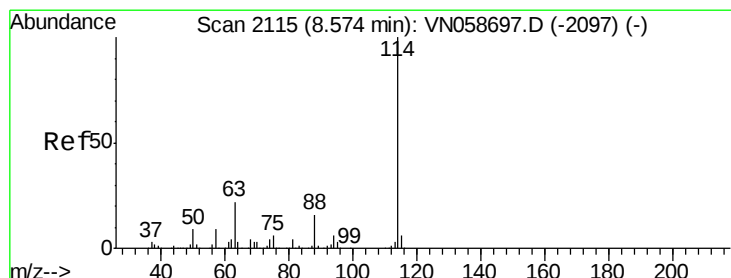
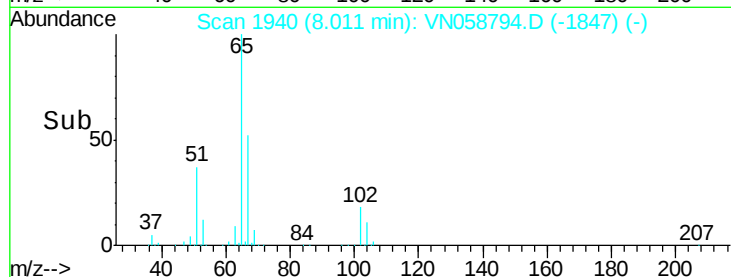
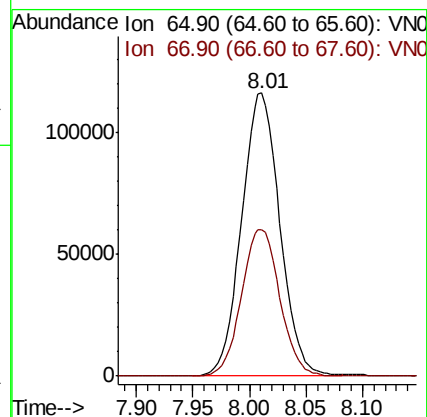
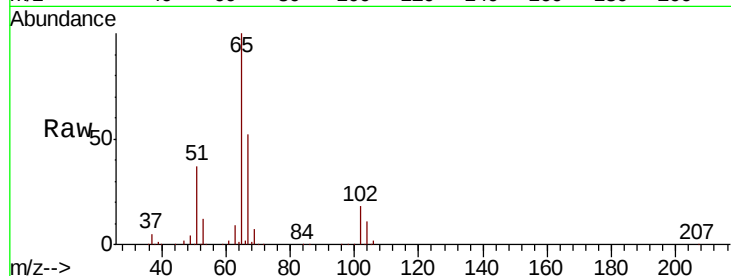
PB123949TB

Tot Ion: 65 Resp: 273817

Ion Ratio Lower Upper

65 100

67 51.9 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: VN058794.D

Acq: 16 Oct 2019 12:30

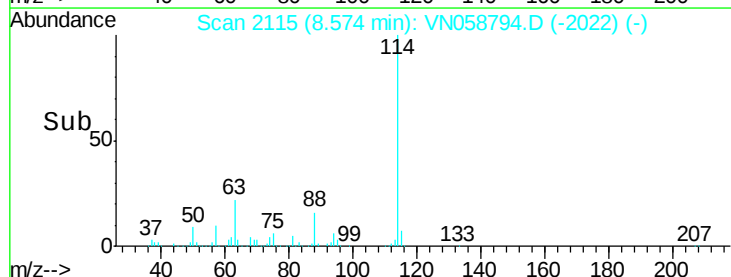
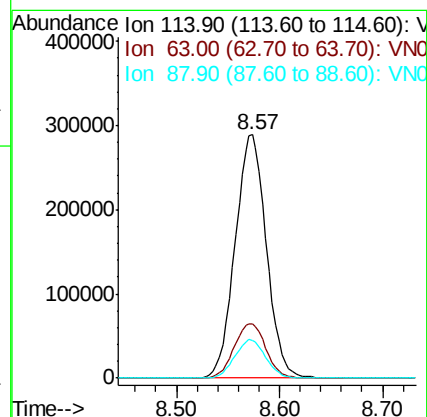
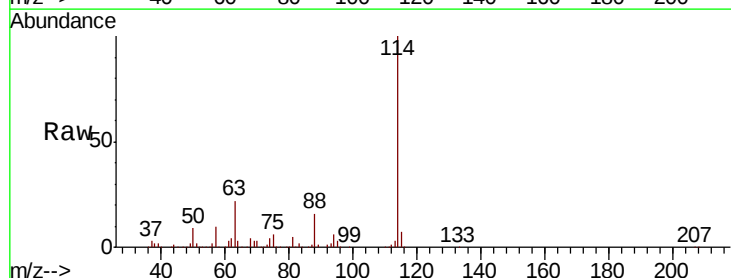
Tgt Ion: 114 Resp: 608097

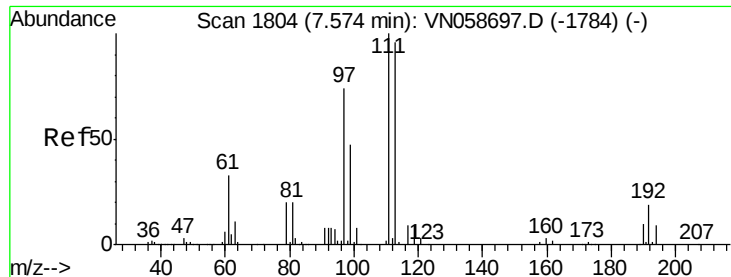
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.8

88 15.6 0.0 32.0

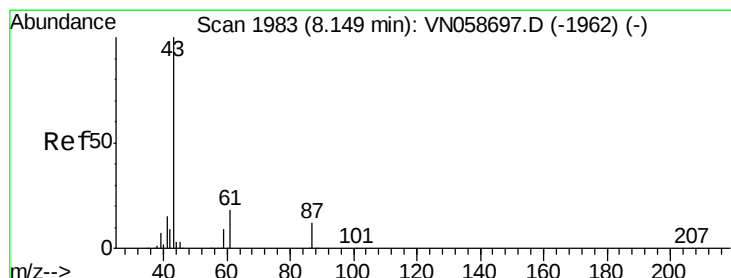
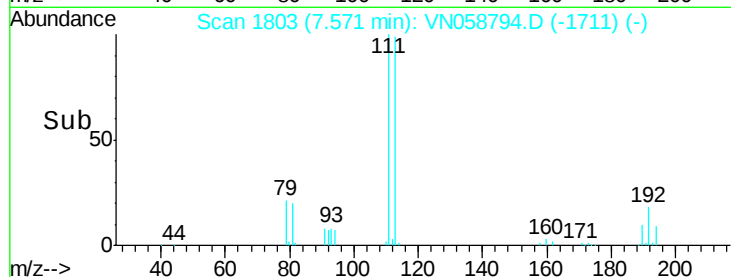
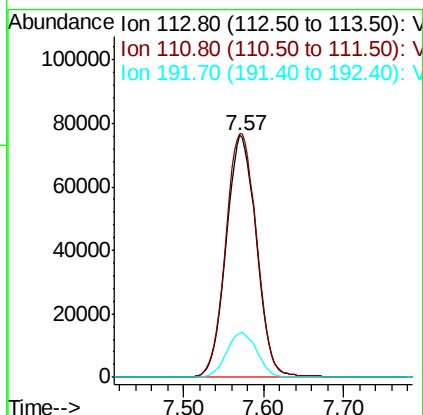
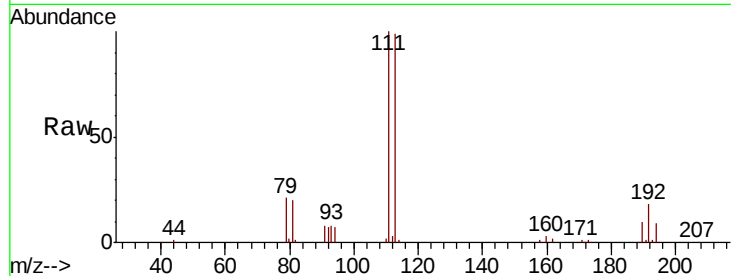




#35
 Dibromofluoromethane
 Concen: 52.158 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN058794.D
 Acq: 16 Oct 2019 12:30

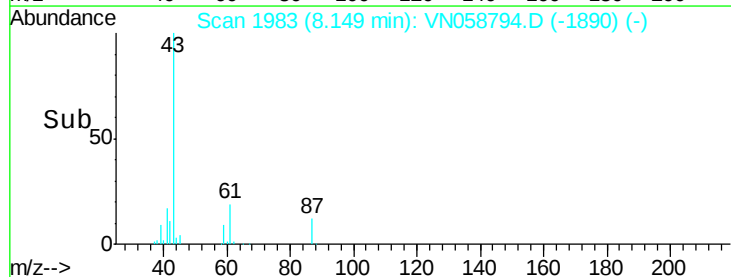
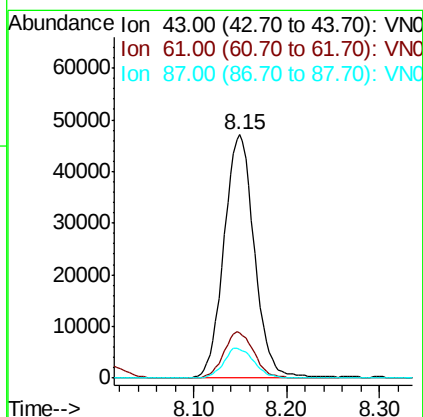
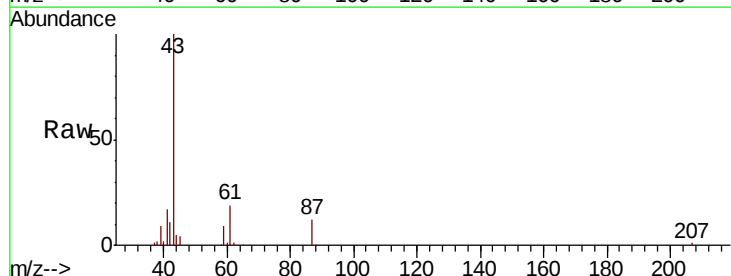
Instrument :
 MSVOA_N
 ClientSampleId :
 PB123949TB

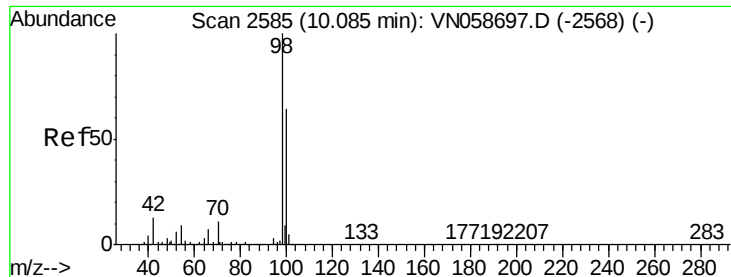
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	18.5	15.0	22.6



#43
 Isopropyl Acetate
 Concen: 10.115 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058794.D
 Acq: 16 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.8	20.3	30.5#
87	12.1	9.8	14.6

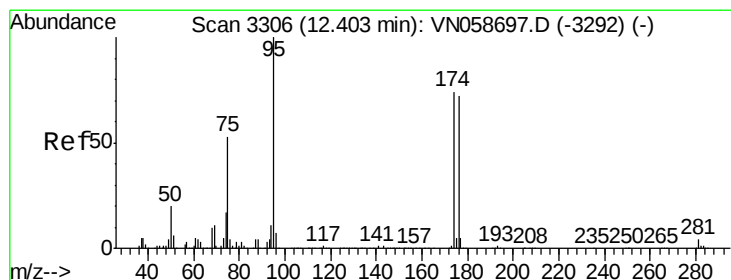
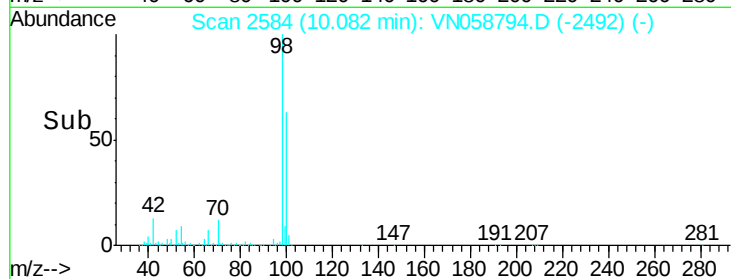
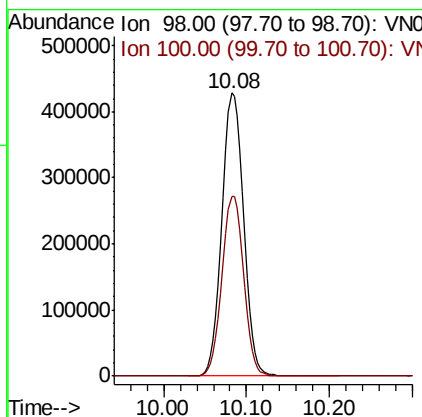
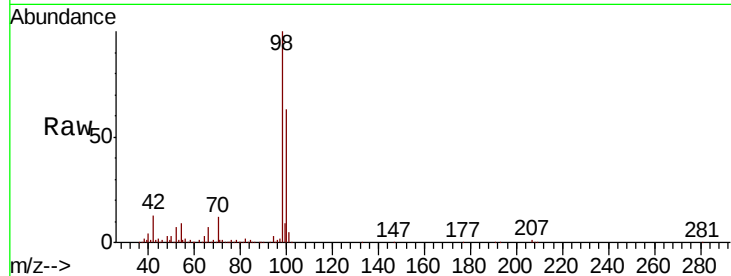




#50
Toluene-d8
Concen: 51.828 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058794.D
Acq: 16 Oct 2019 12:30

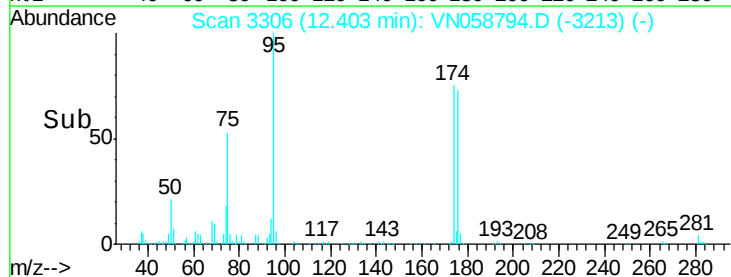
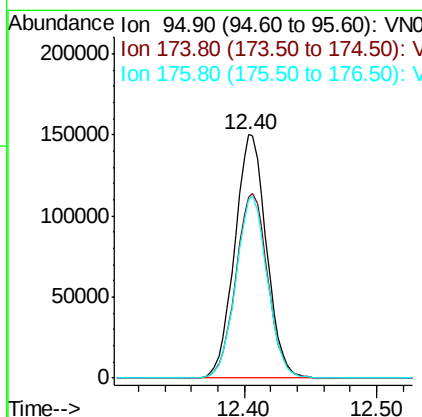
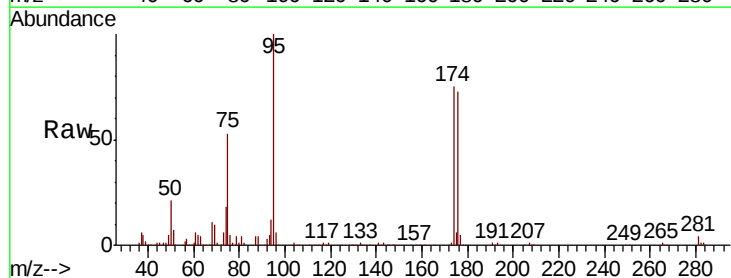
Instrument :
MSVOA_N
ClientSampleId :
PB123949TB

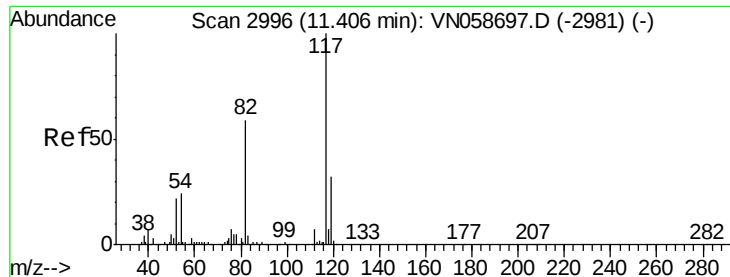
Tot Ion: 98 Resp: 778464
Ion Ratio Lower Upper
98 100
100 63.4 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 43.873 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058794.D
Acq: 16 Oct 2019 12:30

Tgt Ion: 95 Resp: 249440
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.4
176 73.9 0.0 146.8

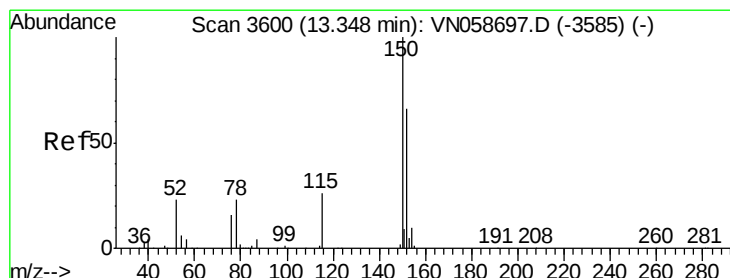
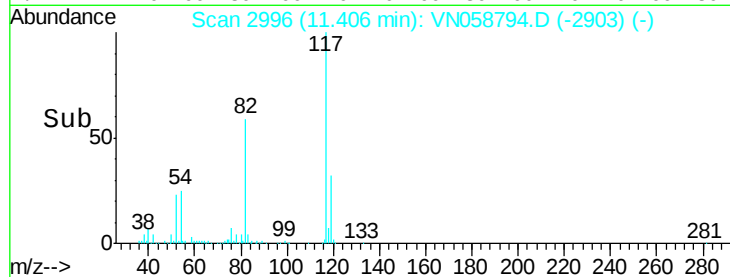
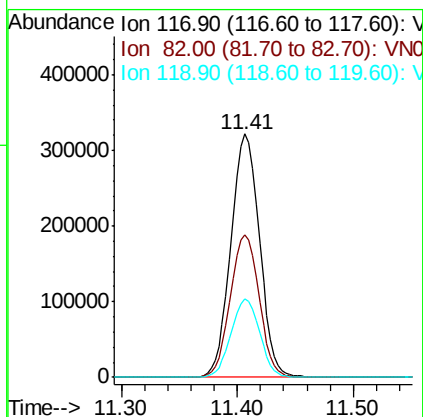
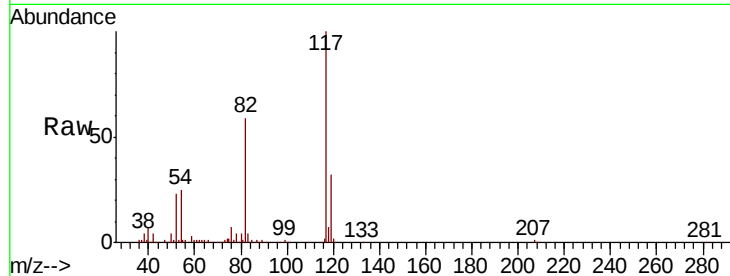




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058794.D
Acq: 16 Oct 2019 12:30

Instrument :
MSVOA_N
ClientSampleId :
PB123949TB

Tot Ion:117 Resp: 549987
Ion Ratio Lower Upper
117 100
82 58.6 47.0 70.4
119 32.0 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: VN058794.D
Acq: 16 Oct 2019 12:30

Tgt Ion:152 Resp: 203486
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.2
150 160.1 0.0 345.4

