

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\
 Data File : VN058778.D
 Acq On : 15 Oct 2019 13:42
 Operator : JC/SP
 Sample : PB123965TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123965TB

Quant Time: Oct 16 04:59:38 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	383687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	597869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	528802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208592	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	270348	50.33	ug/l	0.00
Spiked Amount						
			Recovery	=	100.66%	
35) Dibromofluoromethane	7.57	113	193730	52.46	ug/l	0.00
Spiked Amount						
			Recovery	=	104.92%	
50) Toluene-d8	10.08	98	745198	50.46	ug/l	0.00
Spiked Amount						
			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.40	95	239953	42.93	ug/l	0.00
Spiked Amount						
			Recovery	=	85.86%	

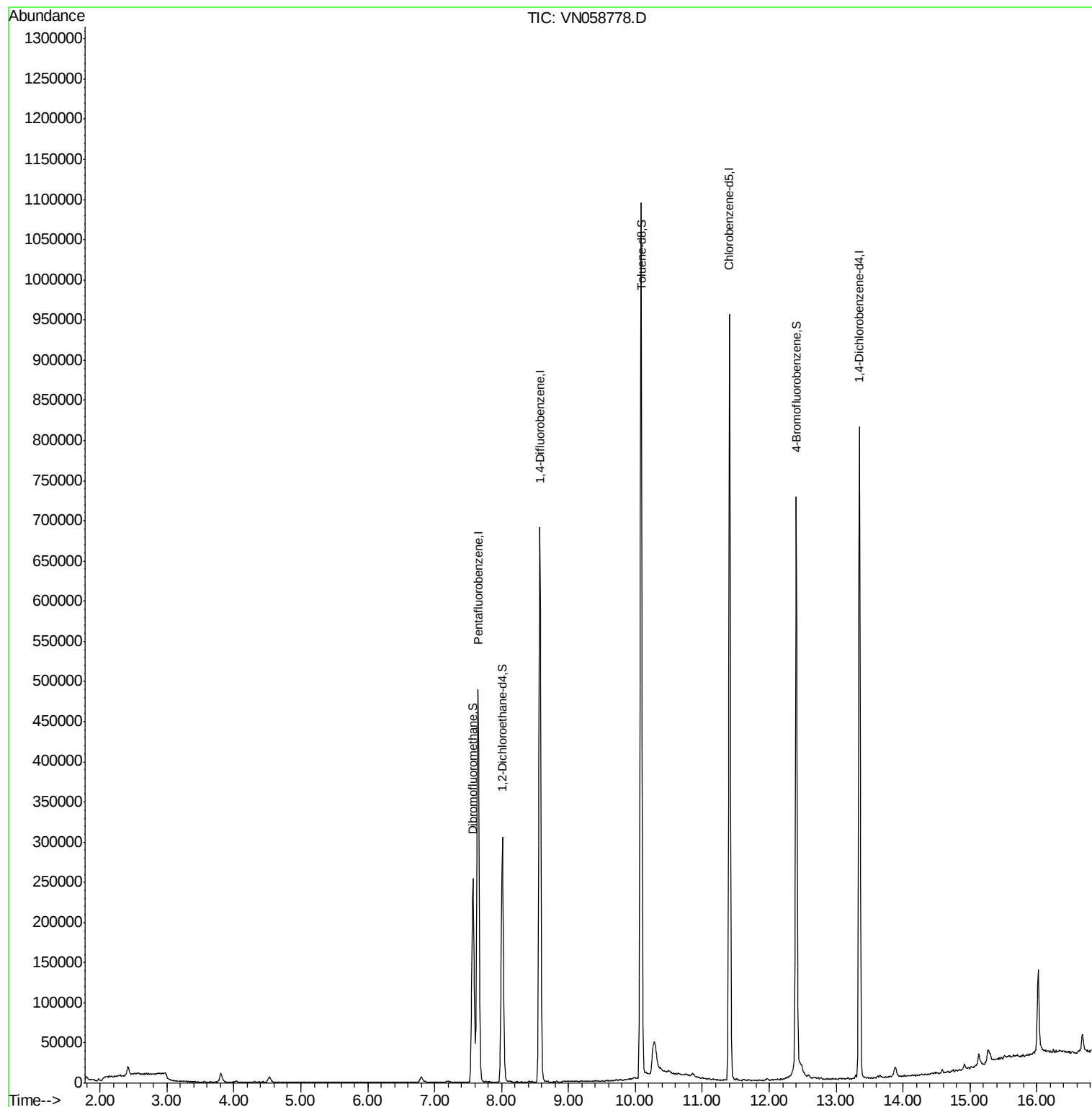
Target Compounds	Qvalue
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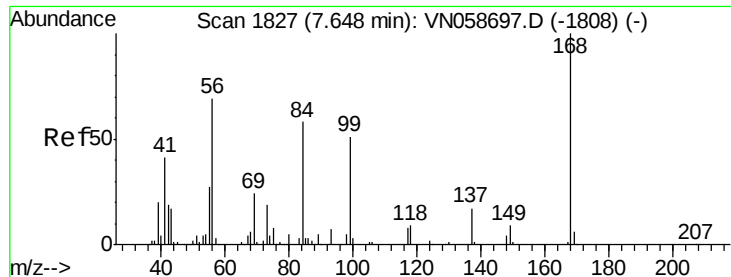
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058778.D

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MSVOA_N

ClientSampleId :

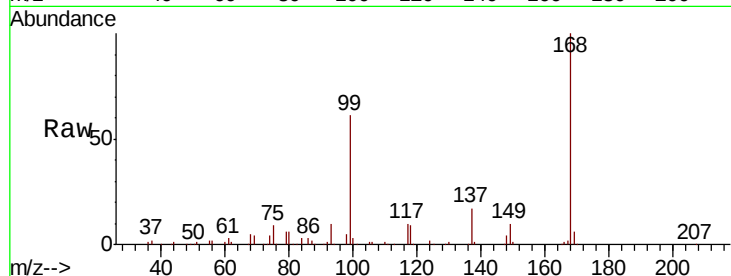
PB123965TB

Tot Ion:168 Resp: 383687

Ion Ratio Lower Upper

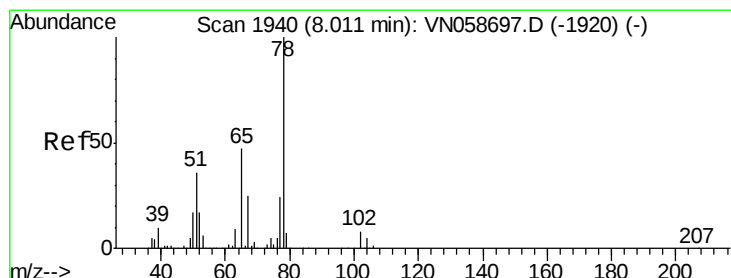
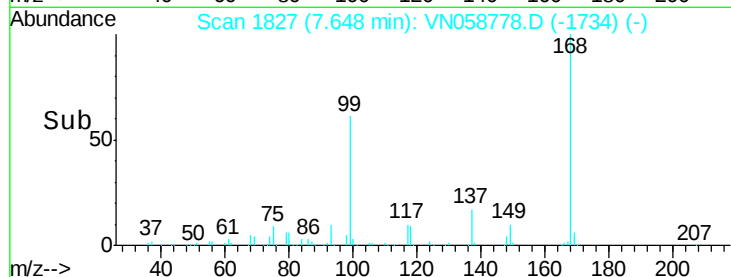
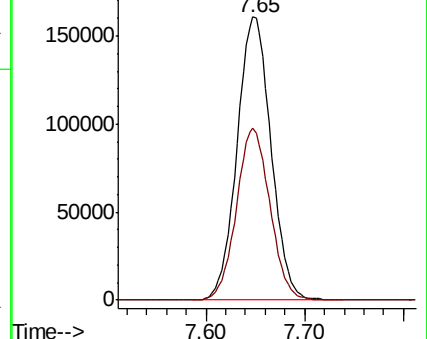
168 100

99 60.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 50.330 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058778.D

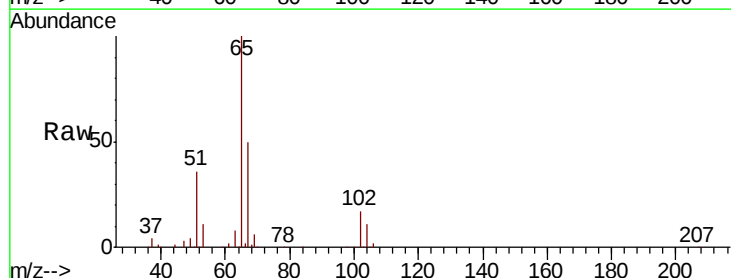
Acq: 15 Oct 2019 13:42

Tgt Ion: 65 Resp: 270348

Ion Ratio Lower Upper

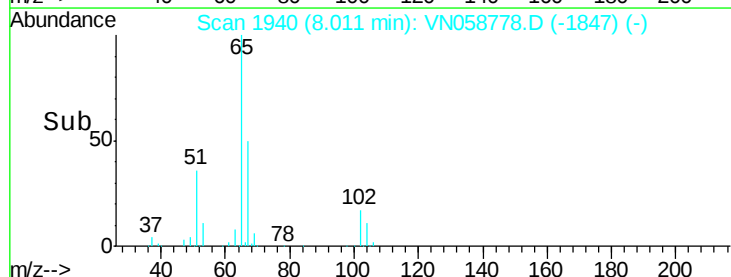
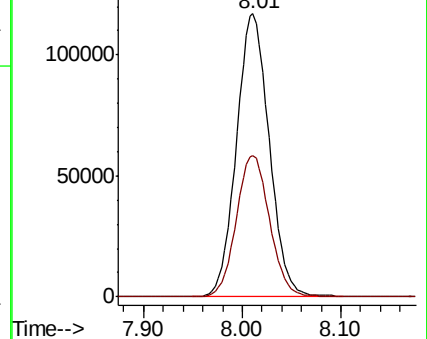
65 100

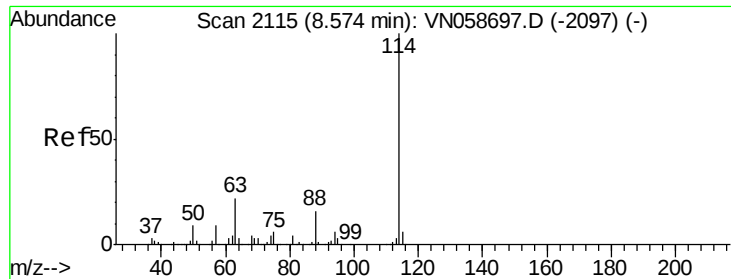
67 50.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

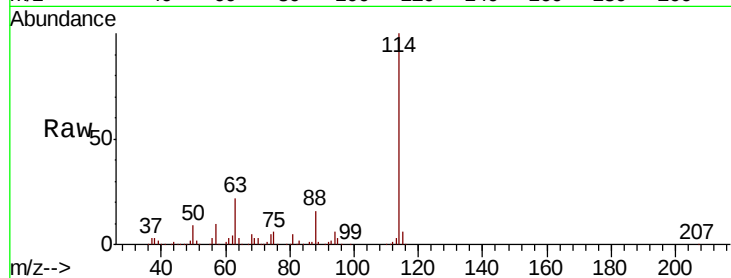




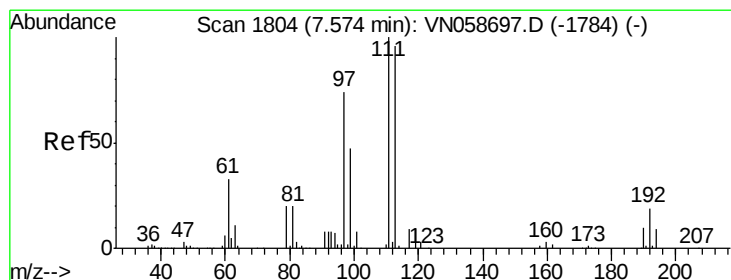
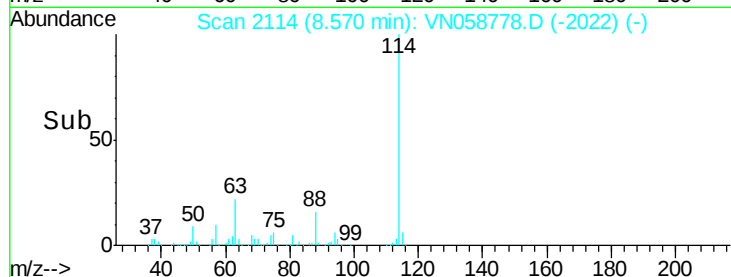
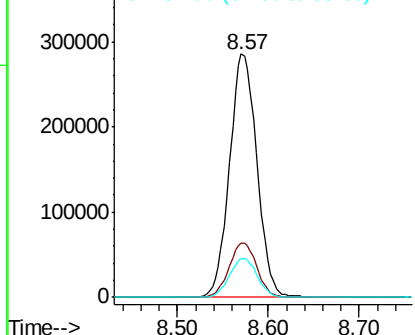
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058778.D
 Acq: 15 Oct 2019 13:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB123965TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.8
88	15.9	0.0	32.0

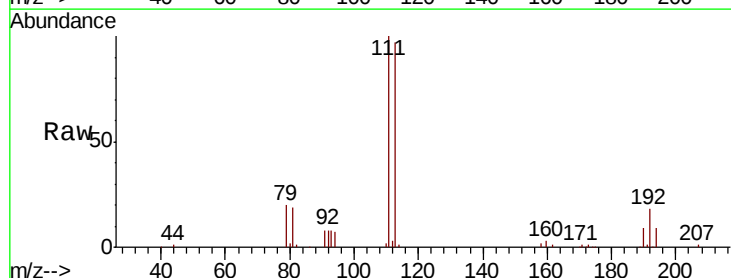


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

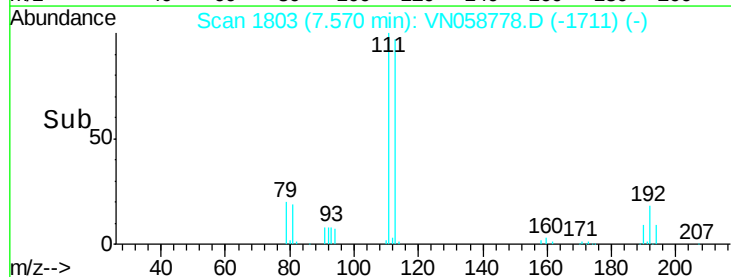
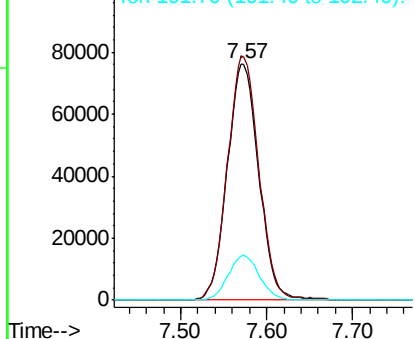


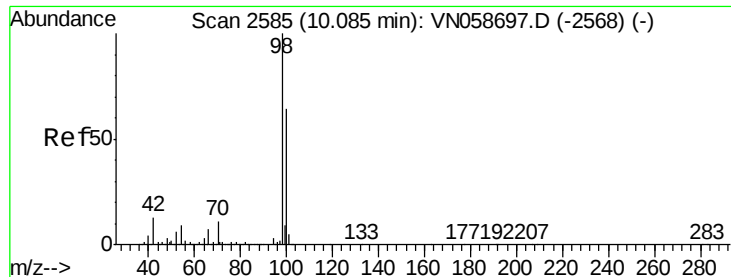
#35
 Dibromofluoromethane
 Concen: 52.460 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN058778.D
 Acq: 15 Oct 2019 13:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.3	123.5
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





#50

Toluene-d8

Concen: 50.462 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058778.D

Acq: 15 Oct 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

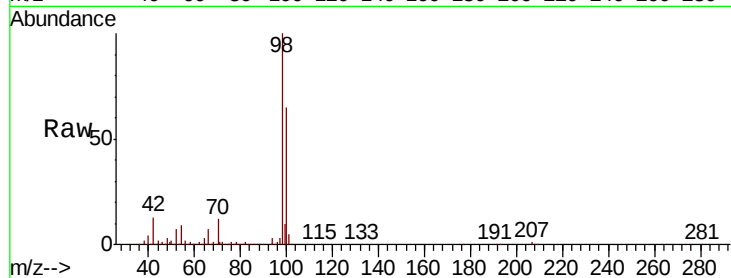
PB123965TB

Tot Ion: 98 Resp: 745198

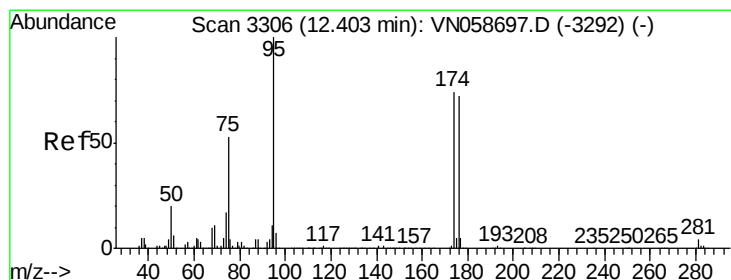
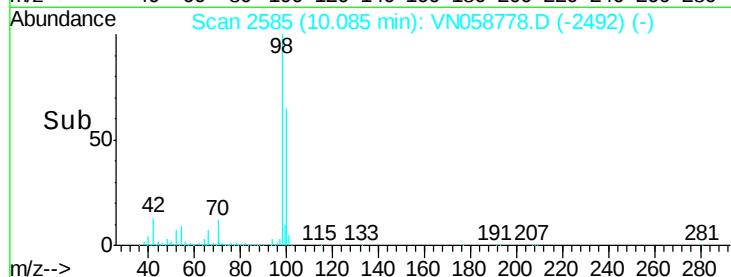
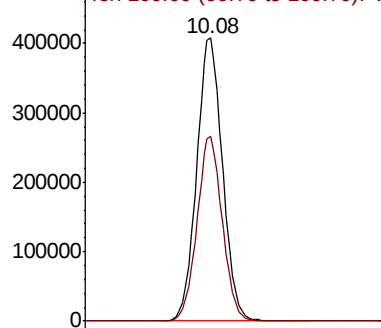
Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058697.D (-2568) (-)



#62

4-Bromofluorobenzene

Concen: 42.926 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058778.D

Acq: 15 Oct 2019 13:42

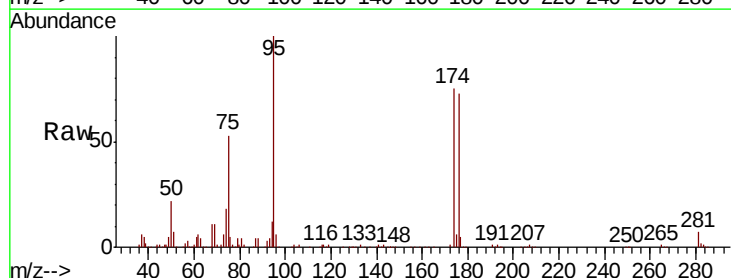
Tgt Ion: 95 Resp: 239953

Ion Ratio Lower Upper

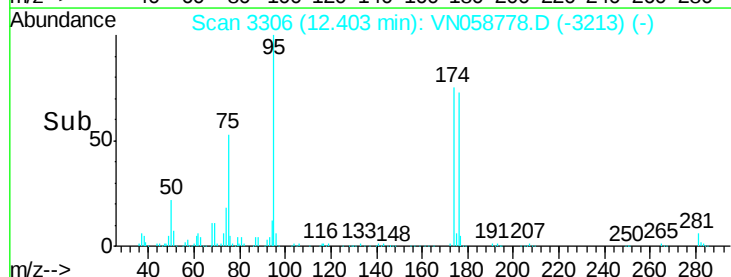
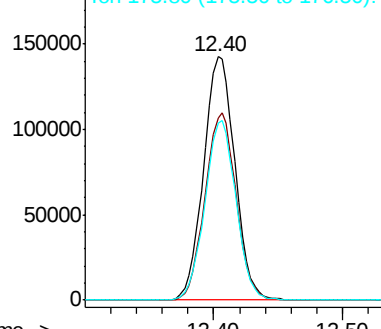
95 100

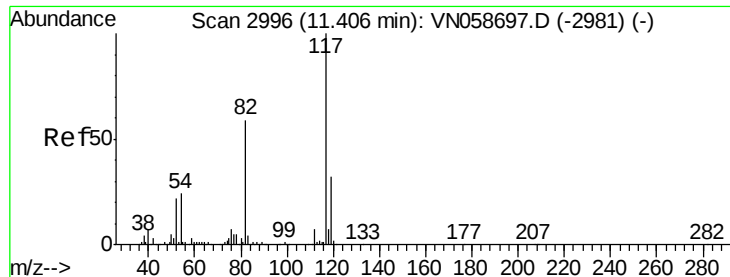
174 76.7 0.0 150.4

176 73.3 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN058697.D (-3292) (-)

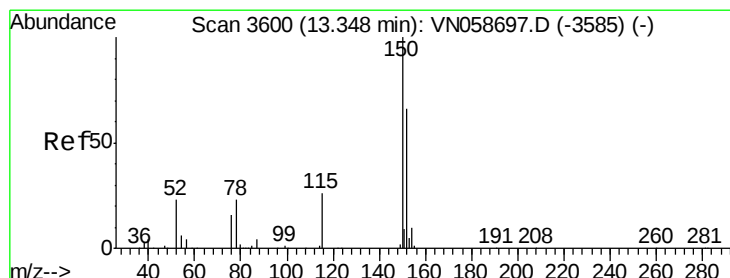
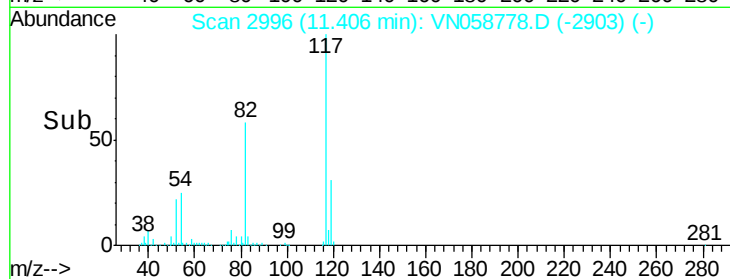
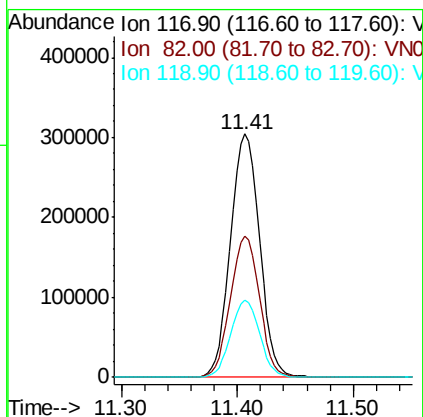
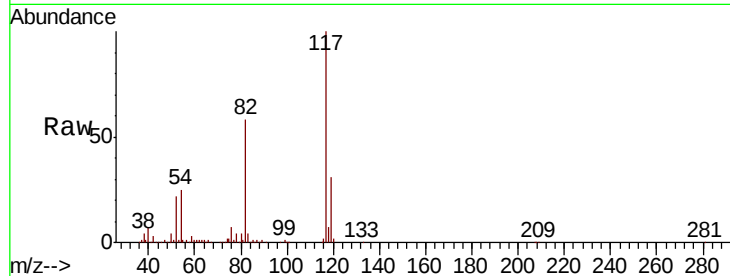




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058778.D
Acq: 15 Oct 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :
PB123965TB

Tot Ion:117 Resp: 528802
Ion Ratio Lower Upper
117 100
82 58.1 47.0 70.4
119 31.5 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: VN058778.D
Acq: 15 Oct 2019 13:42

Tgt Ion:152 Resp: 208592
Ion Ratio Lower Upper
152 100
115 60.0 30.4 91.2
150 158.1 0.0 345.4

