

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058756.D
 Acq On : 14 Oct 2019 18:01
 Operator : JC/SP
 Sample : K5359-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BORING-2

Quant Time: Oct 15 04:10:00 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

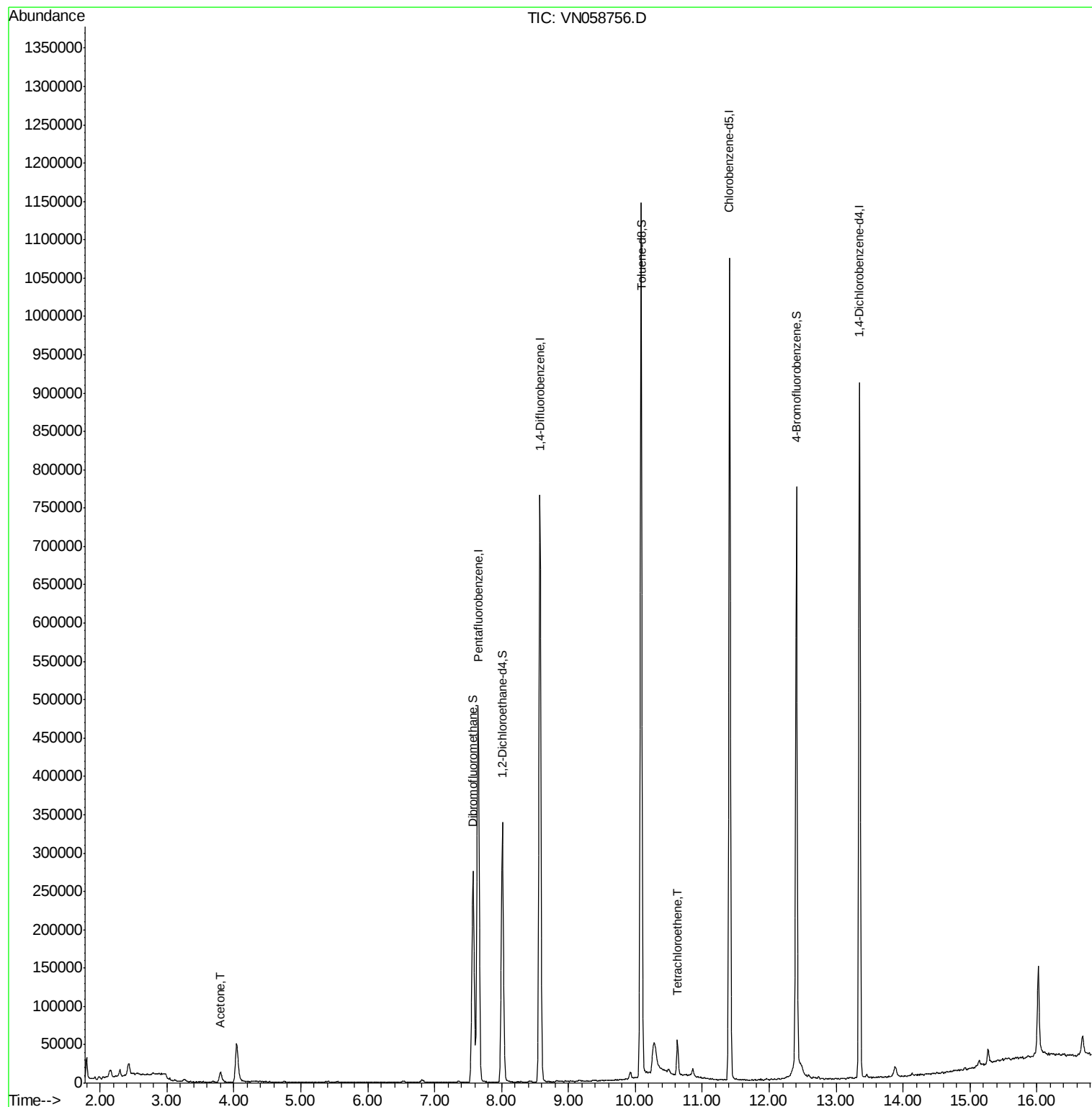
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	383530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	651748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	587636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	232873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	296590	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	7.57	113	207602	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
50) Toluene-d8	10.09	98	766772	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
62) 4-Bromofluorobenzene	12.41	95	252199	41.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.78%	
Target Compounds						
16) Acetone	3.80	43	23558	10.598	ug/l	99
64) Tetrachloroethene	10.63	164	9724	2.365	ug/l	95

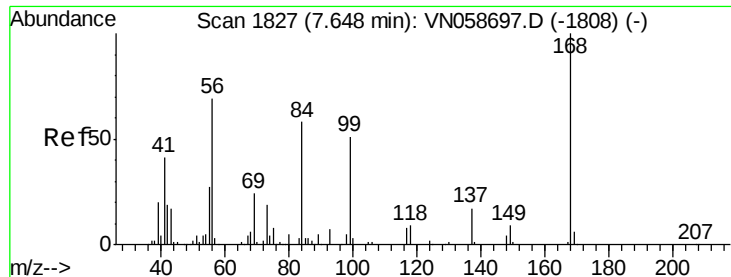
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058756.D

Acq: 14 Oct 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

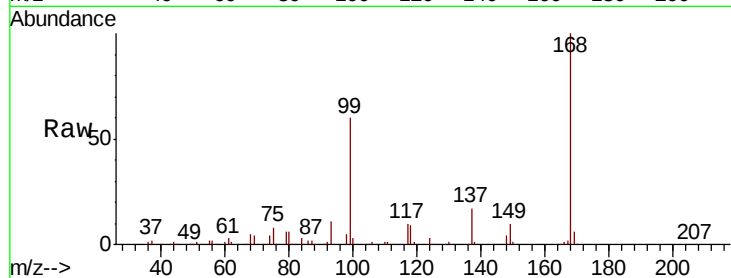
BORING-2

Tot Ion:168 Resp: 383530

Ion Ratio Lower Upper

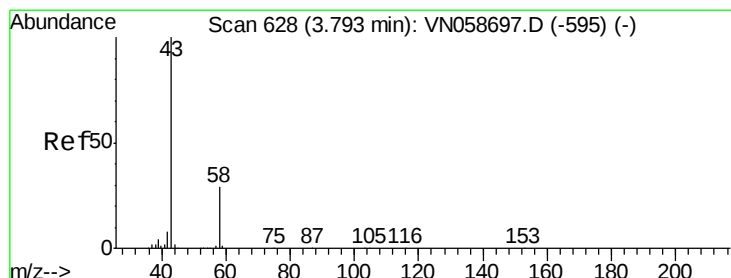
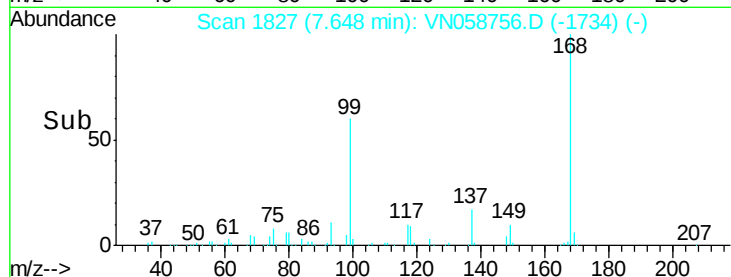
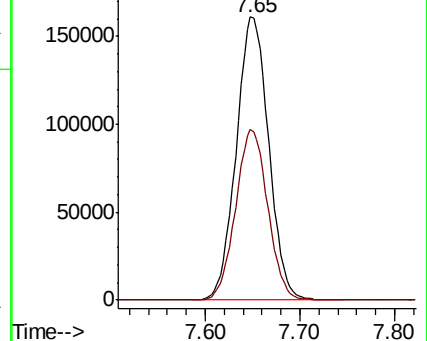
168 100

99 60.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 10.598 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058756.D

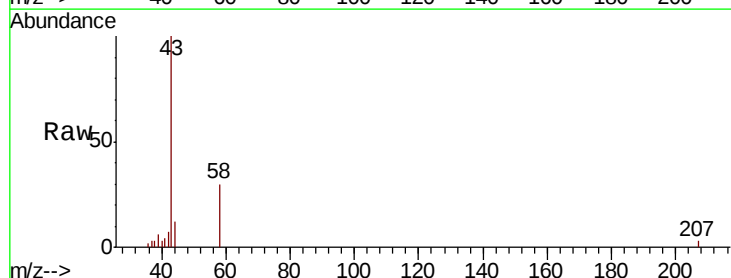
Acq: 14 Oct 2019 18:01

Tgt Ion: 43 Resp: 23558

Ion Ratio Lower Upper

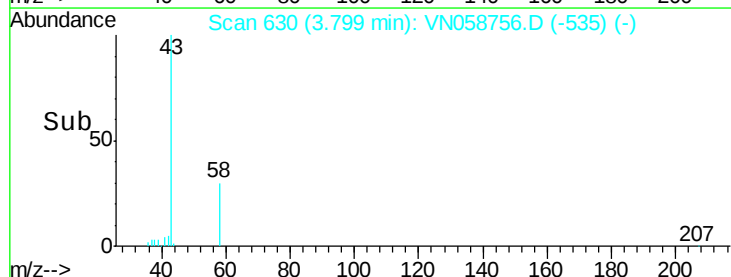
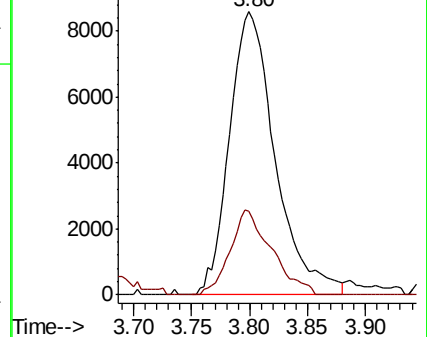
43 100

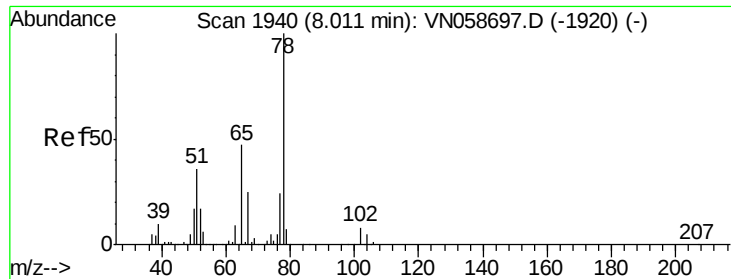
58 29.7 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

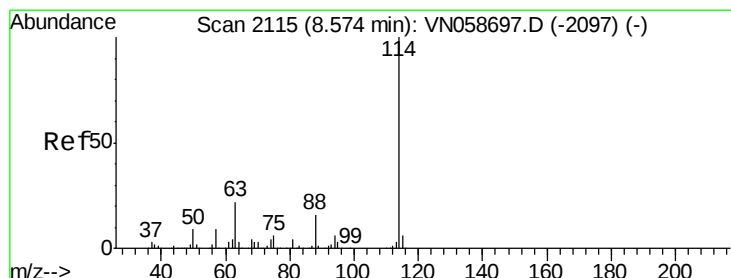
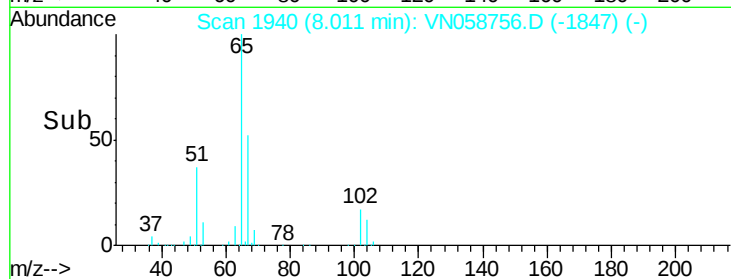
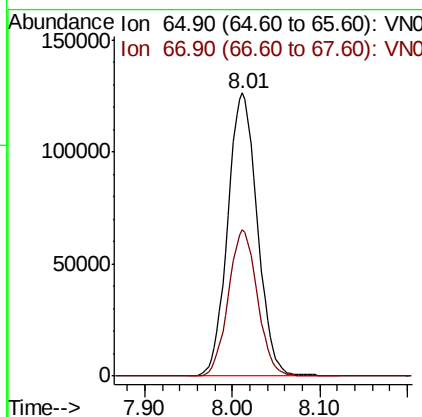
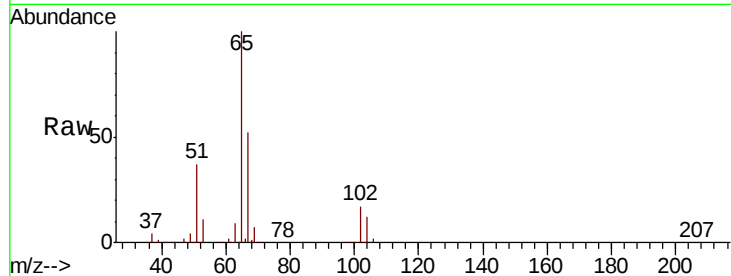




#33
 1,2-Dichloroethane-d4
 Concen: 55.238 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058756.D
 Acq: 14 Oct 2019 18:01

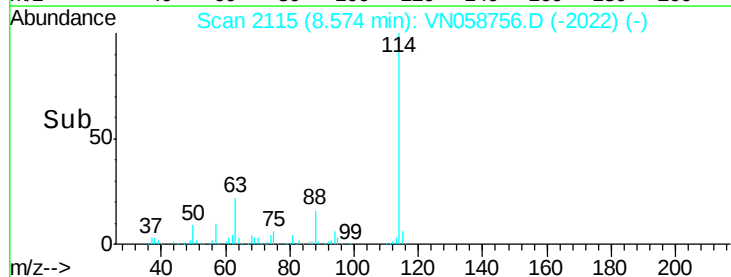
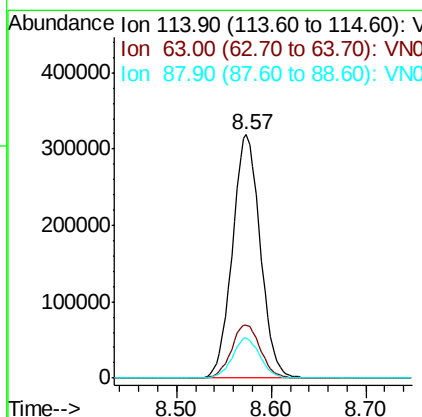
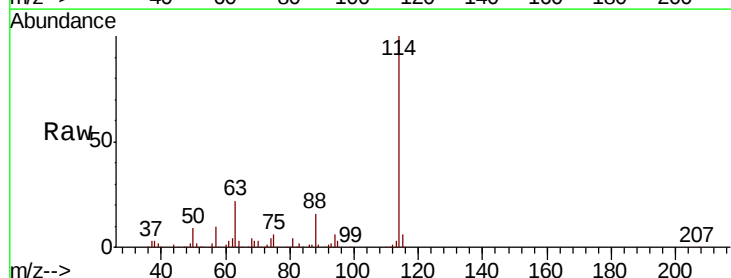
Instrument :
 MSVOA_N
 ClientSampled :
 BORING-2

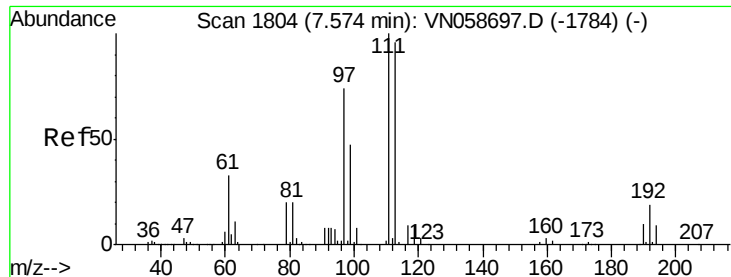
Tot Ion: 65 Resp: 296590
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058756.D
 Acq: 14 Oct 2019 18:01

Tgt Ion: 114 Resp: 651748
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.4 0.0 32.0

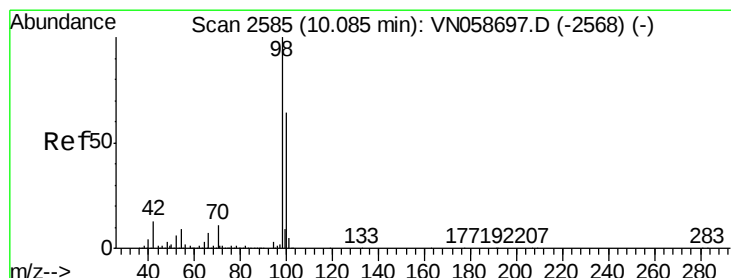
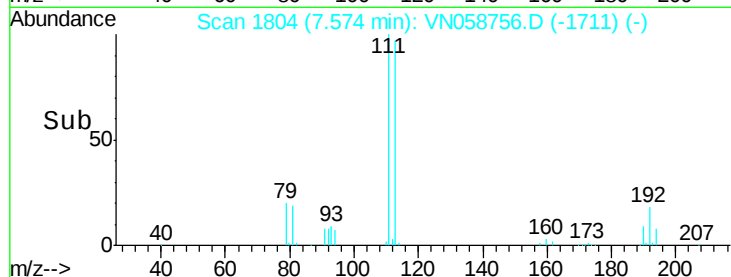
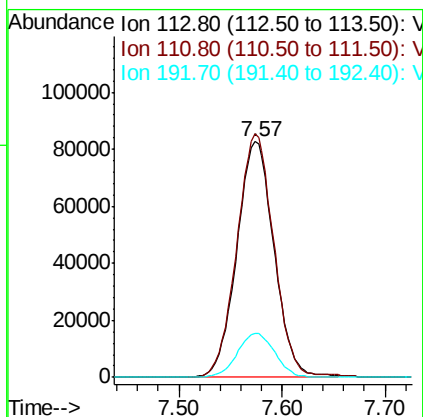
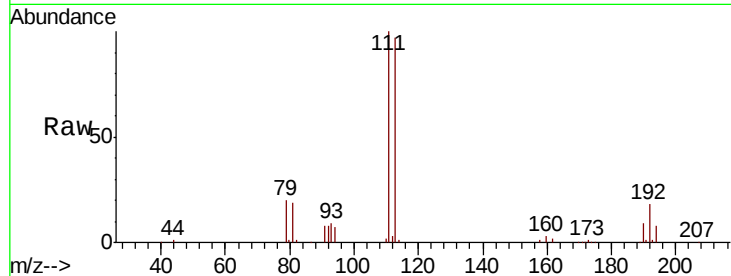




#35
 Dibromofluoromethane
 Concen: 51.569 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058756.D
 Acq: 14 Oct 2019 18:01

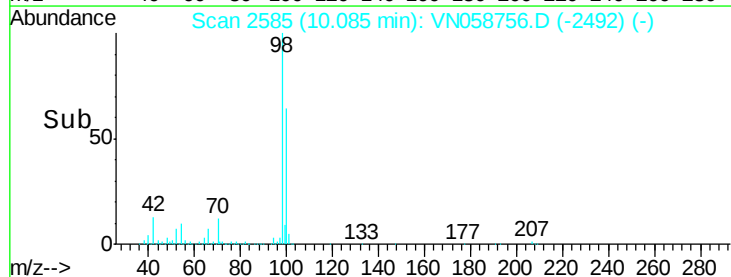
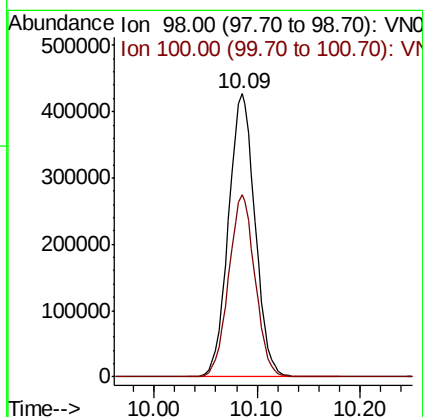
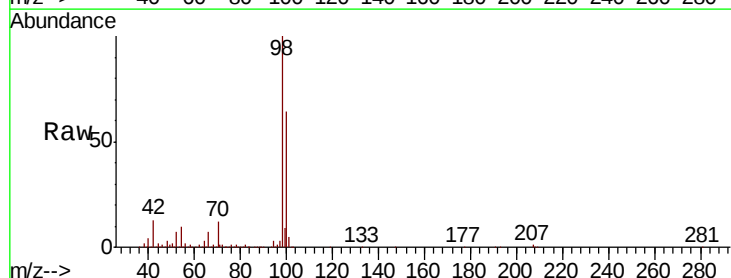
Instrument :
 MSVOA_N
 ClientSampled :
 BORING-2

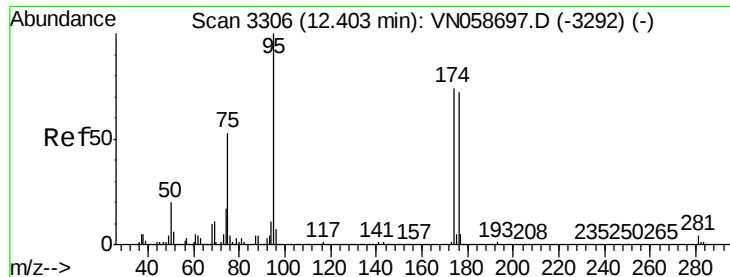
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	18.8	15.0	22.6



#50
 Toluene-d8
 Concen: 47.631 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058756.D
 Acq: 14 Oct 2019 18:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 41.387 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058756.D

Acq: 14 Oct 2019 18:01

Instrument :

MSVOA_N

ClientSampleId :

BORING-2

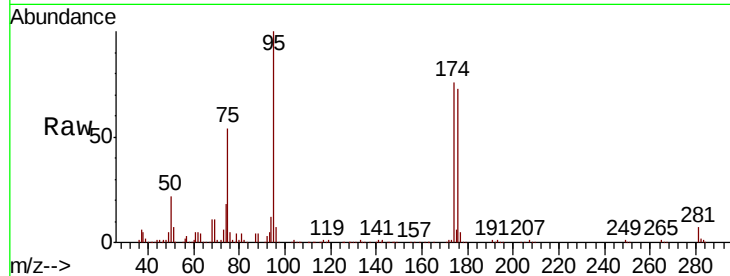
Tot Ion: 95 Resp: 252199

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.4

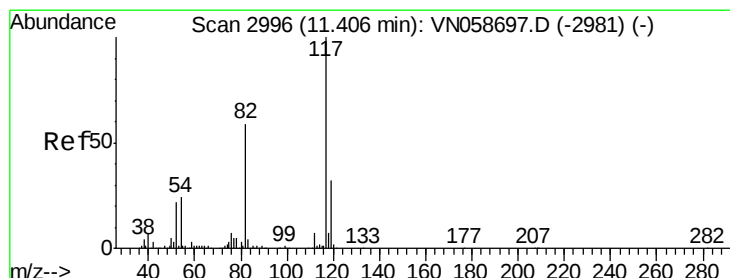
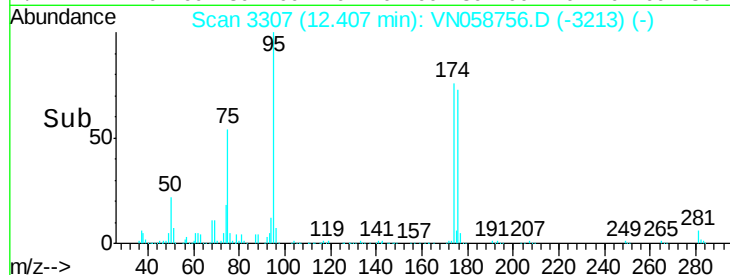
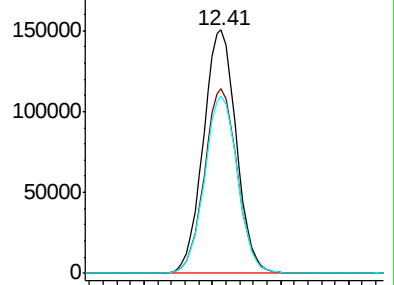
176 73.1 0.0 146.8



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

Ion 173.80 (173.50 to 174.50): VN058697.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): 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: VN058756.D

Acq: 14 Oct 2019 18:01

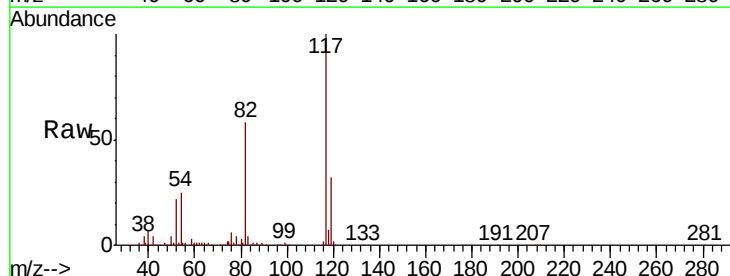
Tgt Ion: 117 Resp: 587636

Ion Ratio Lower Upper

117 100

82 58.0 47.0 70.4

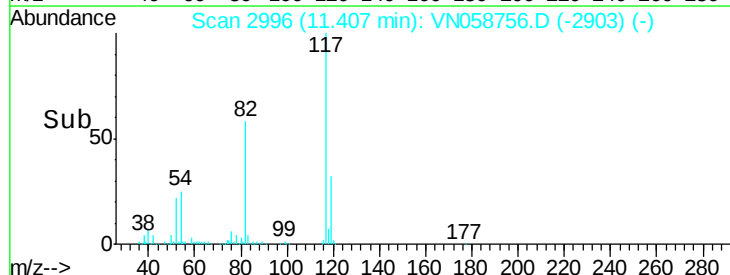
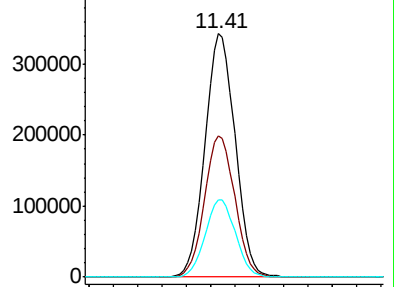
119 31.8 25.4 38.2

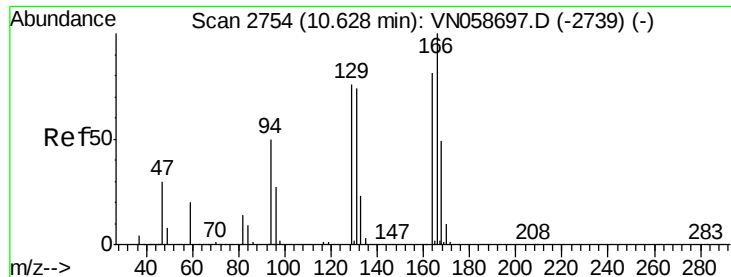


Abundance Ion 116.90 (116.60 to 117.60): VN058697.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058697.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058697.D (-2981) (-)

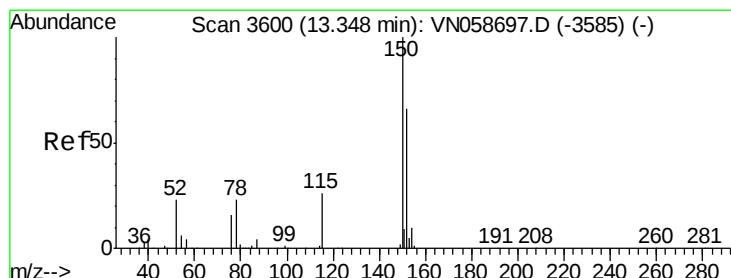
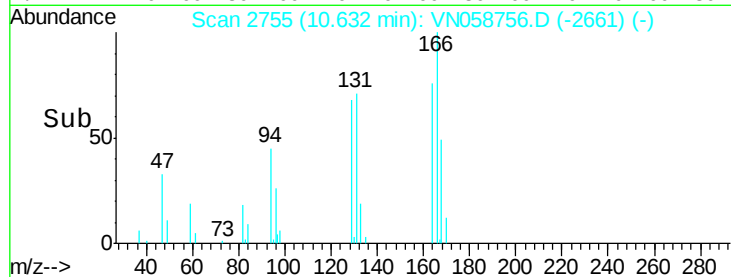
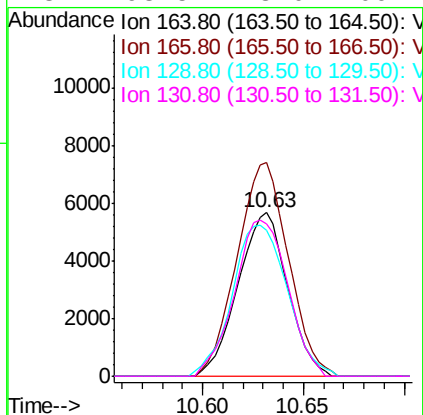
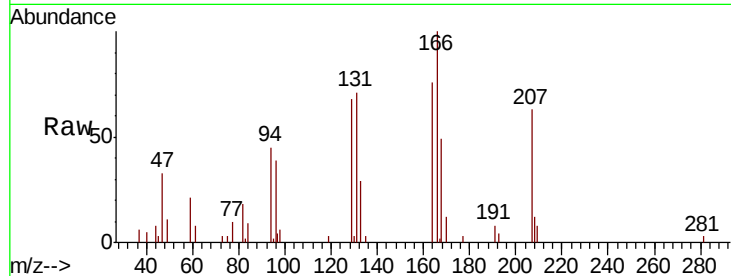




#64
Tetrachloroethene
Concen: 2.365 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058756.D
Acq: 14 Oct 2019 18:01

Instrument :
MSVOA_N
ClientSampleId :
BORING-2

Tot Ion:164 Resp: 9724
Ion Ratio Lower Upper
164 100
166 130.8 99.3 148.9
129 89.4 75.2 112.8
131 93.5 73.0 109.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058756.D
Acq: 14 Oct 2019 18:01

Tgt Ion:152 Resp: 232873
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.2
150 157.2 0.0 345.4

