

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101619\
 Data File : VN058801.D
 Acq On : 16 Oct 2019 15:05
 Operator : JC/SP
 Sample : K5398-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-191015

Quant Time: Oct 17 03:45:59 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	426033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	676928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	601411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	241035	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	312390	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
35) Dibromofluoromethane	7.57	113	223690	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	10.08	98	855340	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.41	95	281569	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	

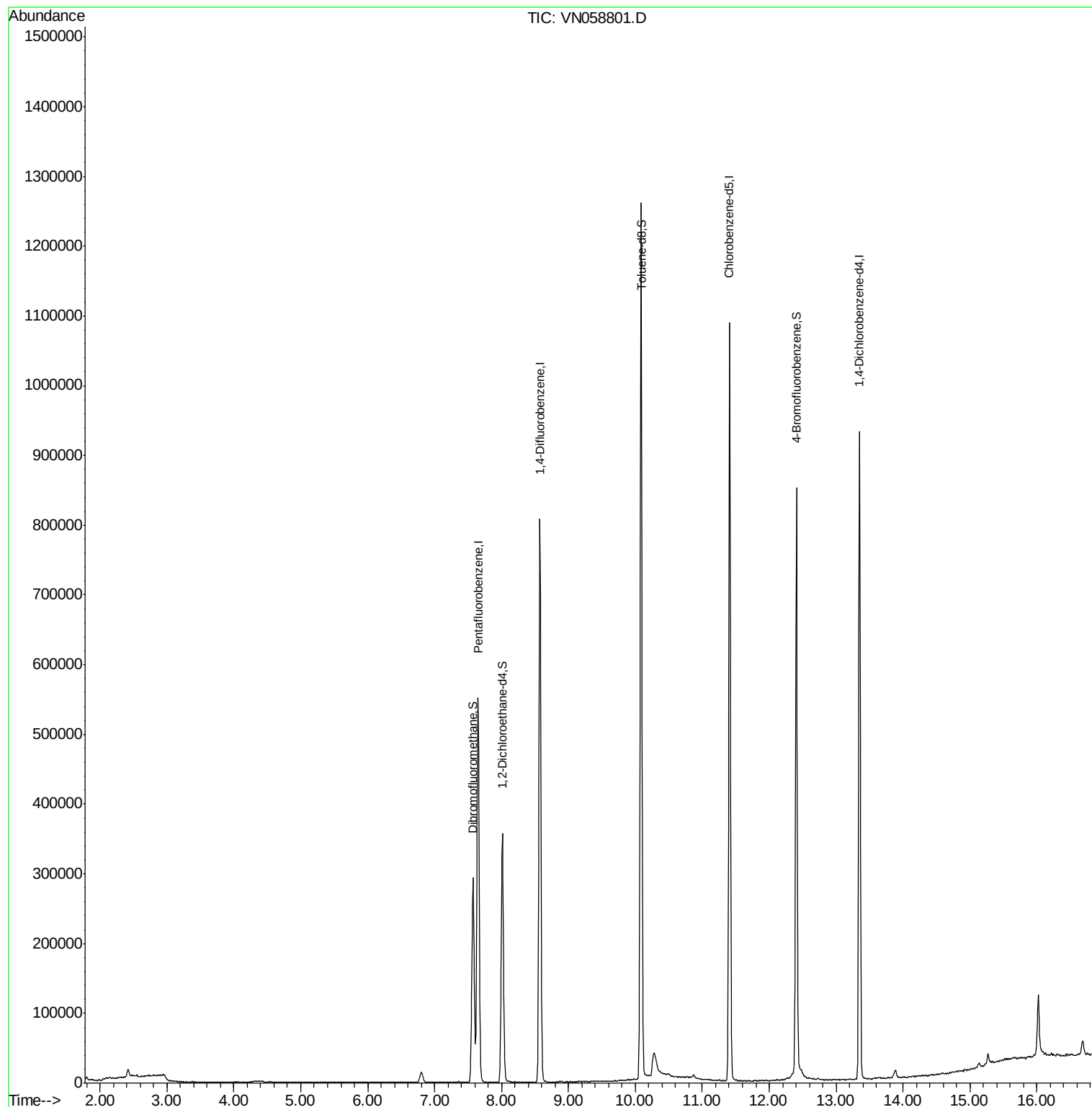
Target Compounds	Qvalue

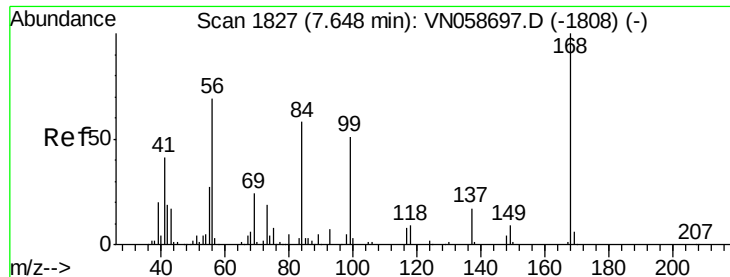
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

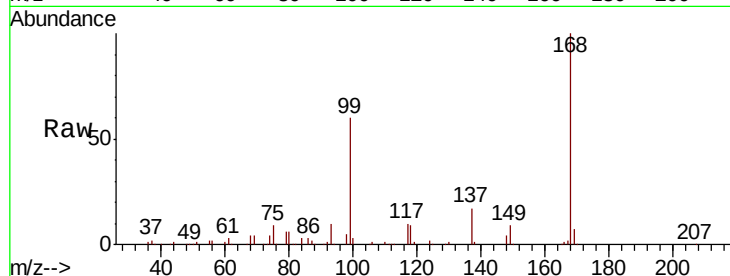
TB-01-191015

Tot Ion:168 Resp: 426033

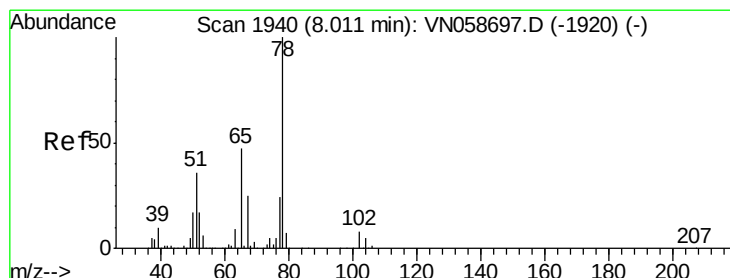
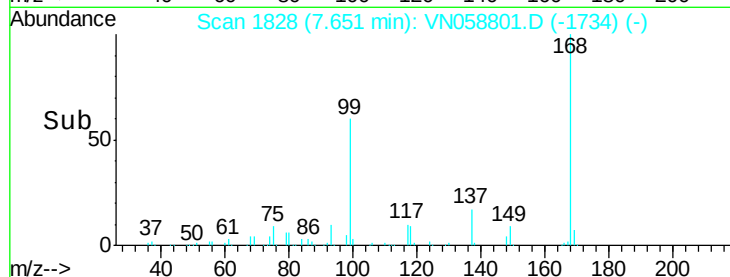
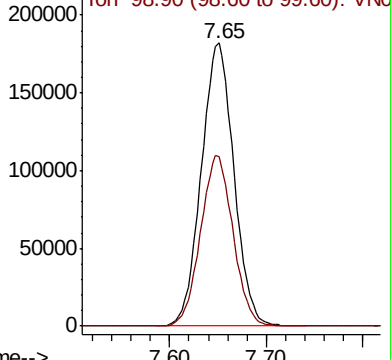
Ion Ratio Lower Upper

168 100

99 59.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VN058801.D (-1734) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.376 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058801.D

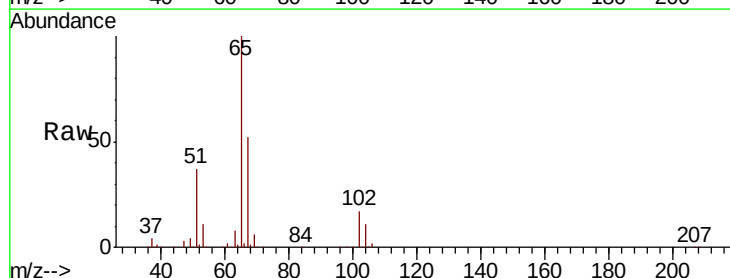
Acq: 16 Oct 2019 15:05

Tgt Ion: 65 Resp: 312390

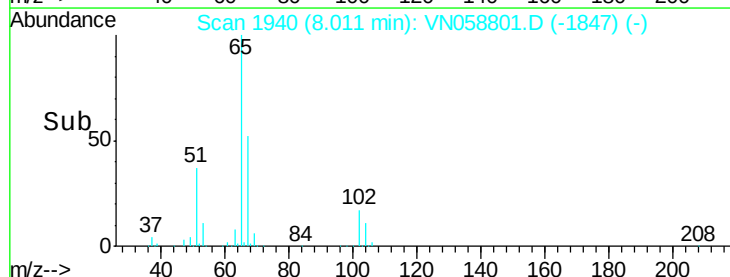
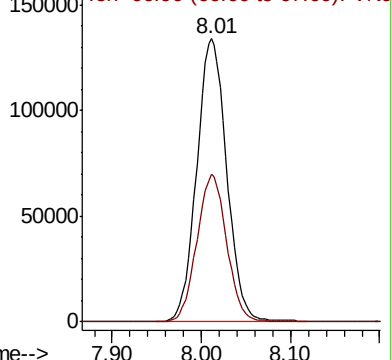
Ion Ratio Lower Upper

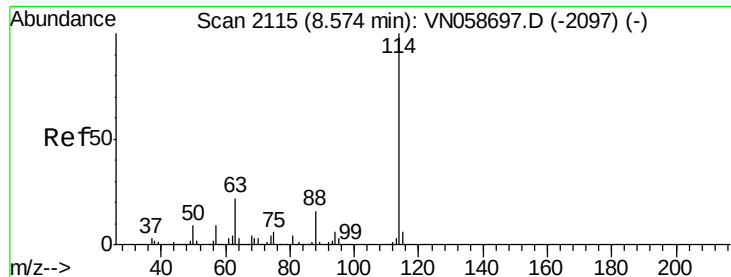
65 100

67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN058801.D (-1847) (-)

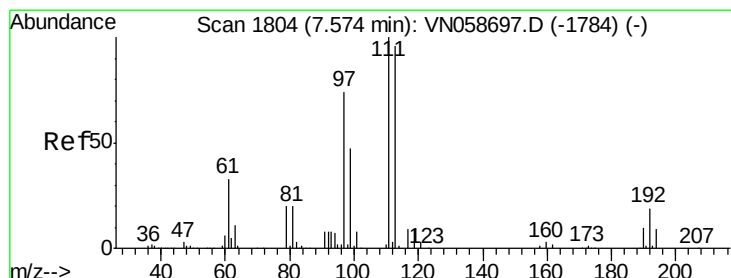
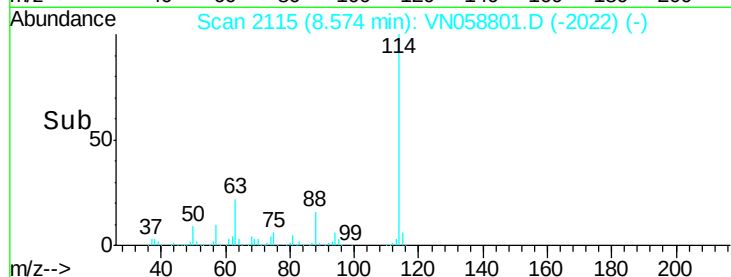
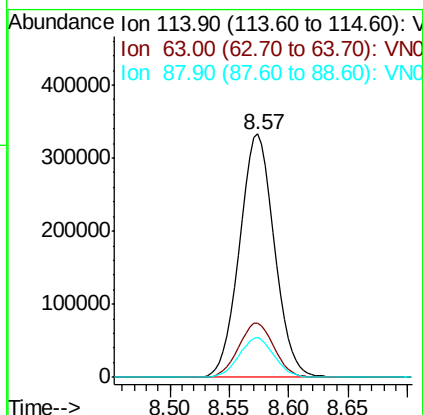
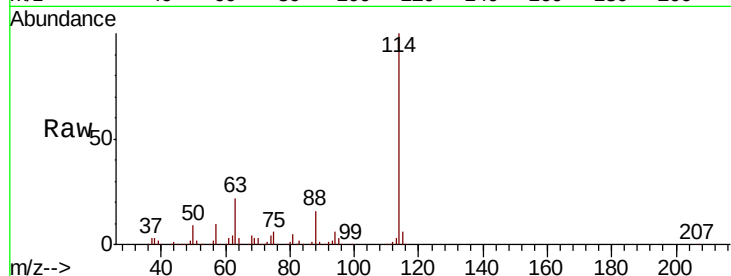




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058801.D
 Acq: 16 Oct 2019 15:05

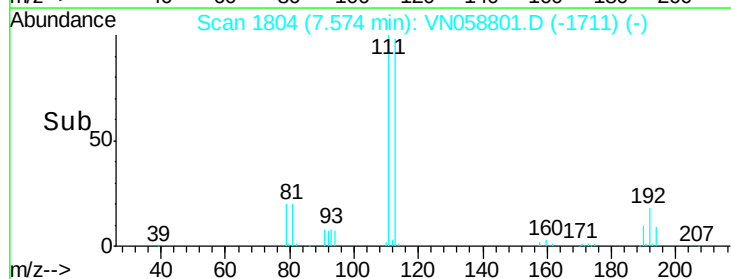
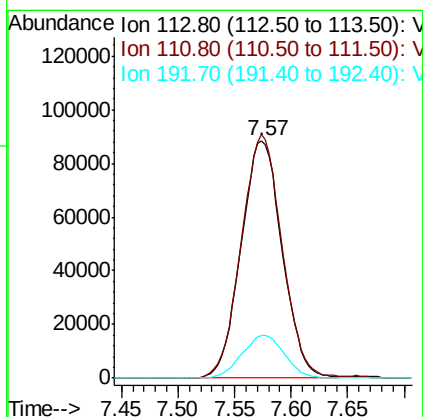
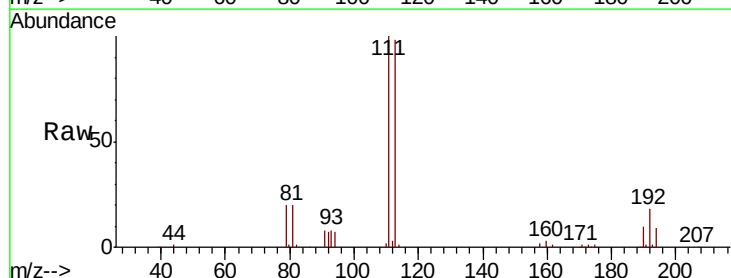
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-191015

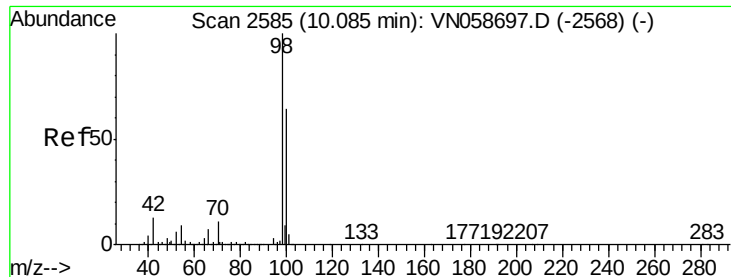
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.8
88	16.2	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 53.498 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058801.D
 Acq: 16 Oct 2019 15:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.3	123.5
192	18.4	15.0	22.6





#50

Toluene-d8

Concen: 51.156 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

Instrument :

MSVOA_N

ClientSampleId :

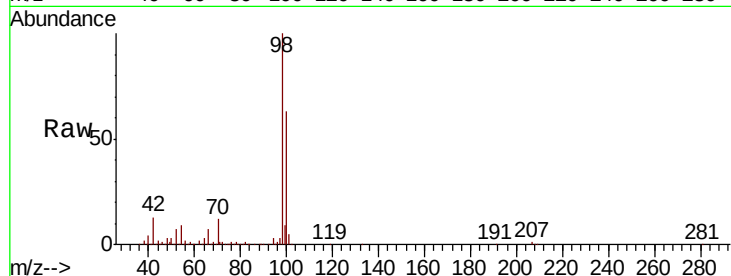
TB-01-191015

Tot Ion: 98 Resp: 855340

Ion Ratio Lower Upper

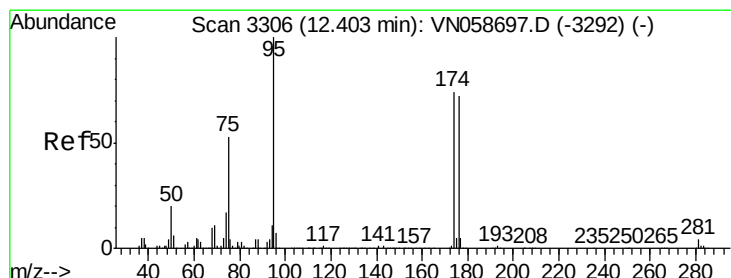
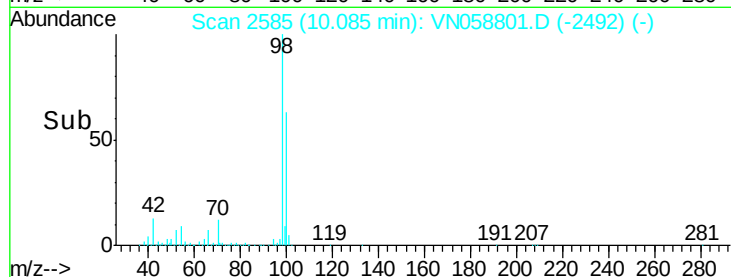
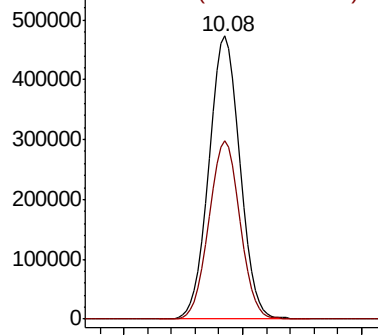
98 100

100 63.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 44.488 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058801.D

Acq: 16 Oct 2019 15:05

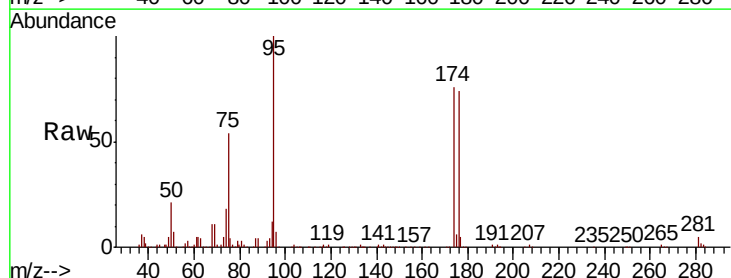
Tgt Ion: 95 Resp: 281569

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.4

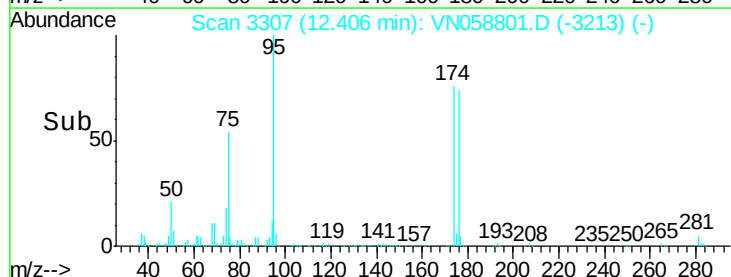
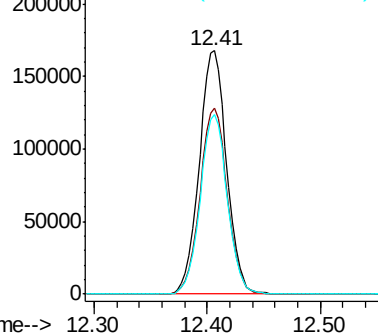
176 73.0 0.0 146.8

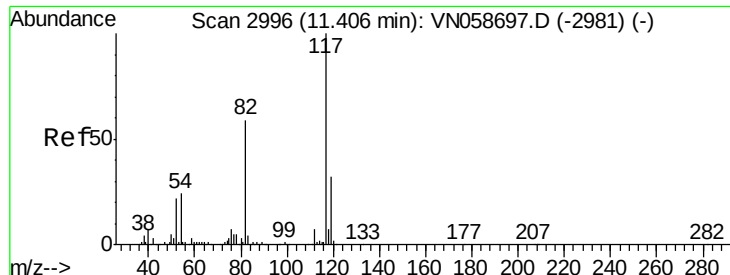


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

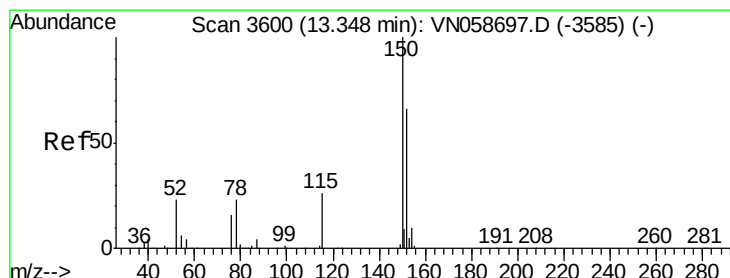
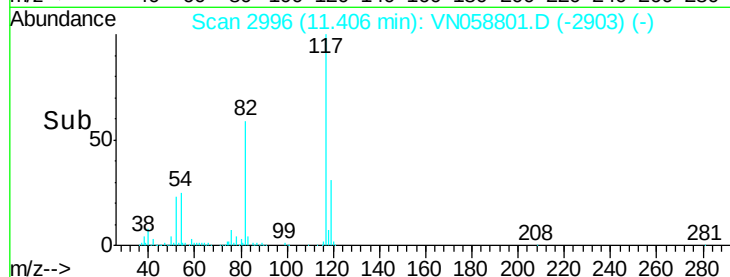
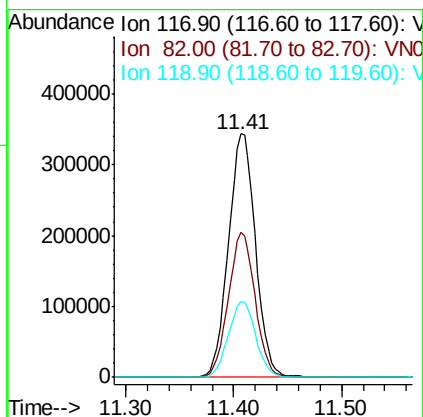
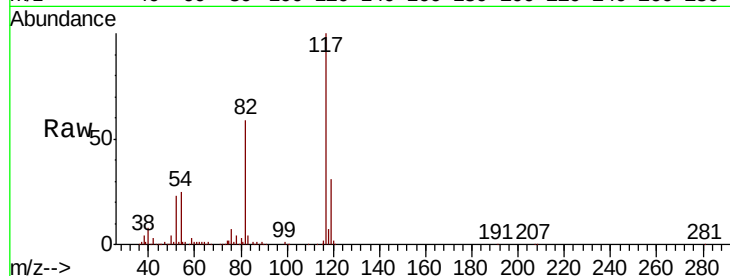




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058801.D
Acq: 16 Oct 2019 15:05

Instrument :
MSVOA_N
ClientSampleId :
TB-01-191015

Tot Ion:117 Resp: 601411
Ion Ratio Lower Upper
117 100
82 59.4 47.0 70.4
119 31.1 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: VN058801.D
Acq: 16 Oct 2019 15:05

Tgt Ion:152 Resp: 241035
Ion Ratio Lower Upper
152 100
115 60.4 30.4 91.2
150 156.9 0.0 345.4

