

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057212.D
 Acq On : 12 Aug 2019 14:00
 Operator : JC/SP
 Sample : VN0812WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBL02

Quant Time: Aug 13 02:11:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1303023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1814015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1485171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	369986	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	605597	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
35) Dibromofluoromethane	6.99	113	552141	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	9.56	98	2083836	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.92	95	543792	38.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.50%	

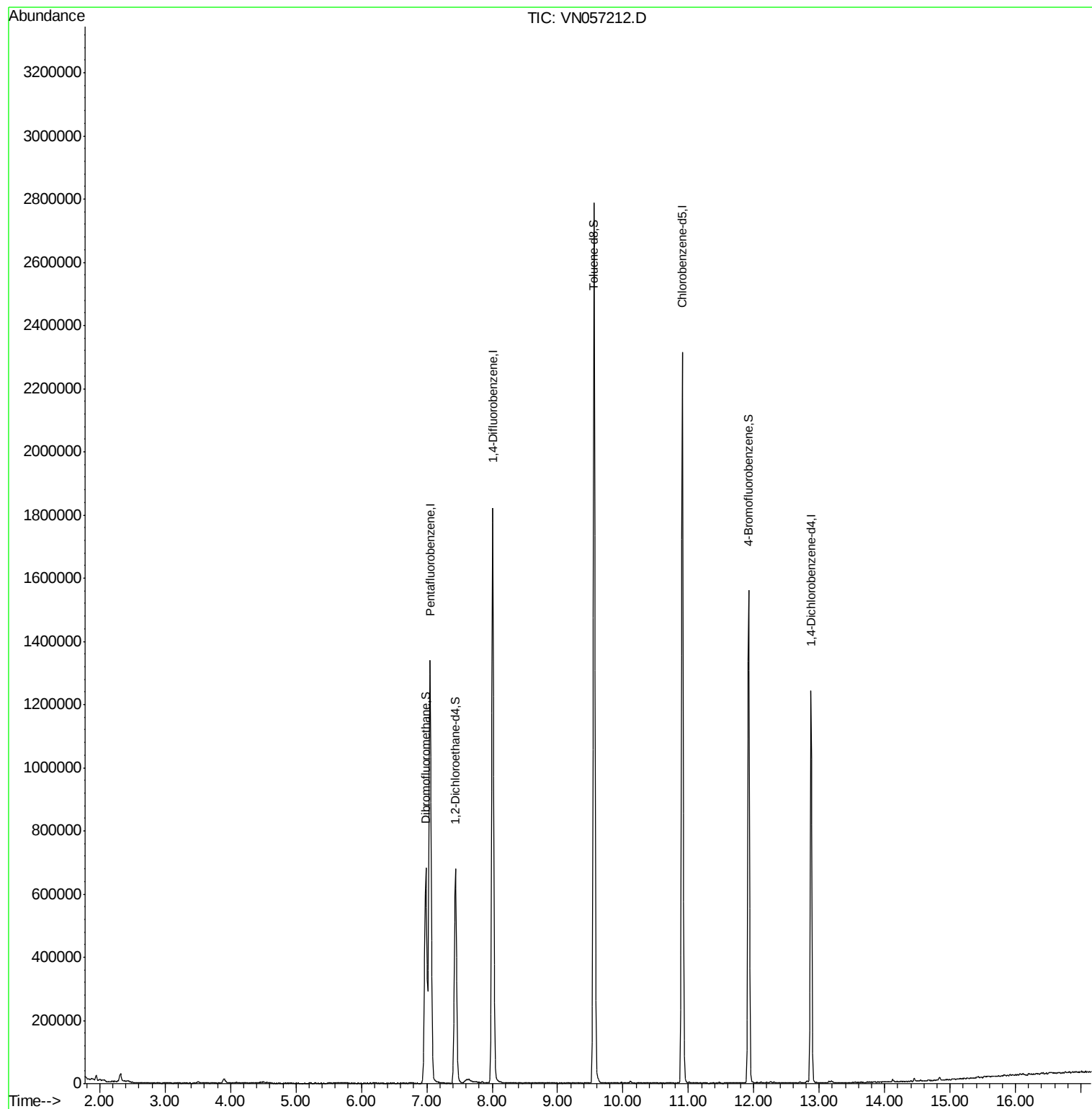
Target Compounds	Qvalue

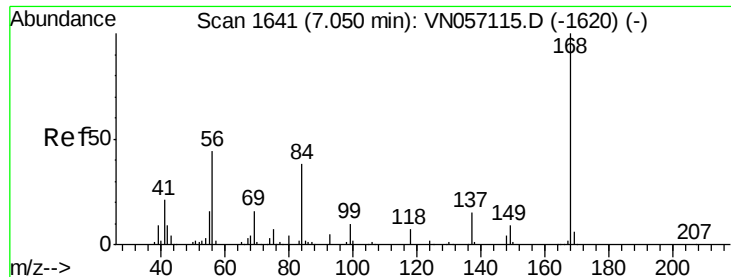
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057212.D

Acq: 12 Aug 2019 14:00

Instrument :

MSVOA_N

ClientSampleId :

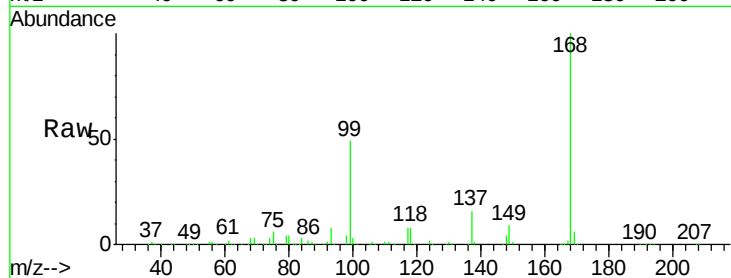
VN0812WBL02

Tot Ion:168 Resp: 1303023

Ion Ratio Lower Upper

168 100

99 48.7 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

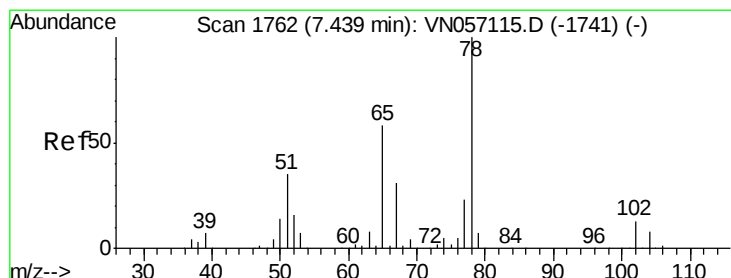
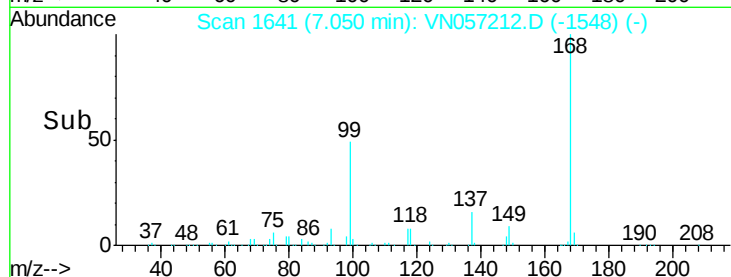
200000

100000

0

7.05

Time--> 6.90 7.00 7.10



#33

1,2-Dichloroethane-d4

Concen: 45.192 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057212.D

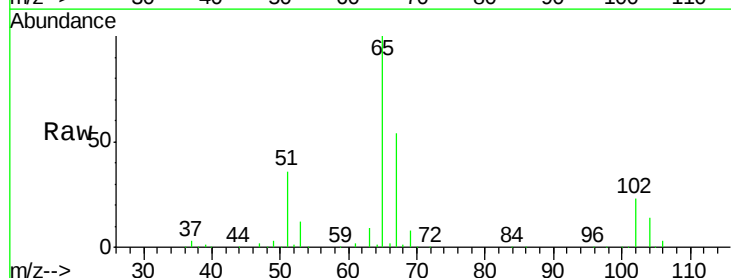
Acq: 12 Aug 2019 14:00

Tgt Ion: 65 Resp: 605597

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

250000

200000

150000

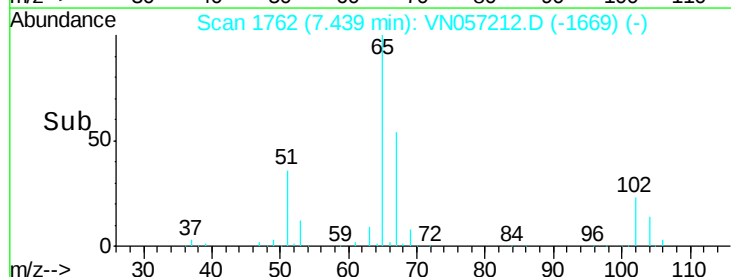
100000

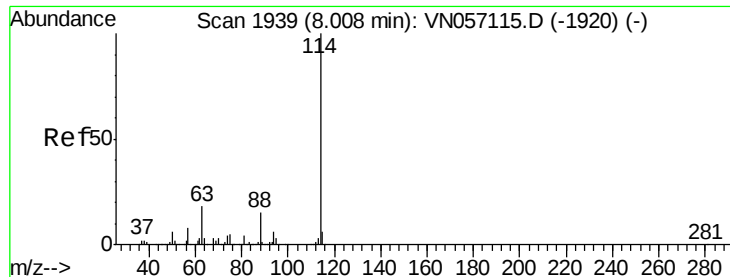
50000

0

7.44

Time--> 7.30 7.40 7.50





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057212.D

Acq: 12 Aug 2019 14:00

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBL02

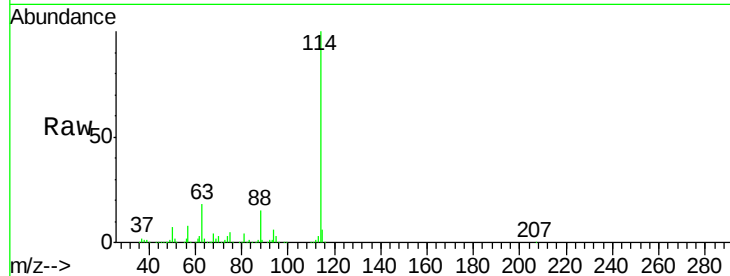
Tot Ion:114 Resp: 1814015

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.2

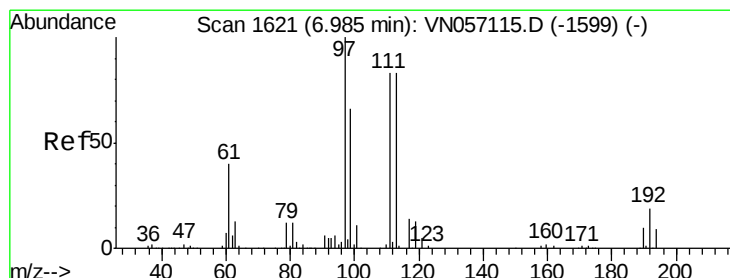
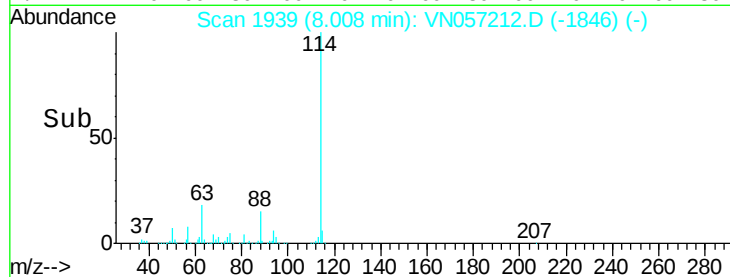
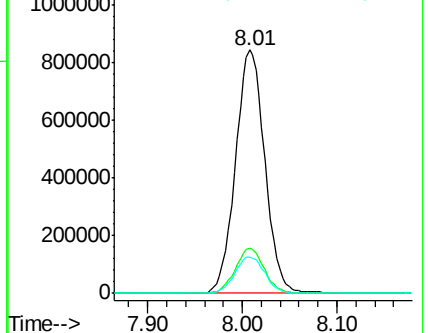
88 15.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.505 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057212.D

Acq: 12 Aug 2019 14:00

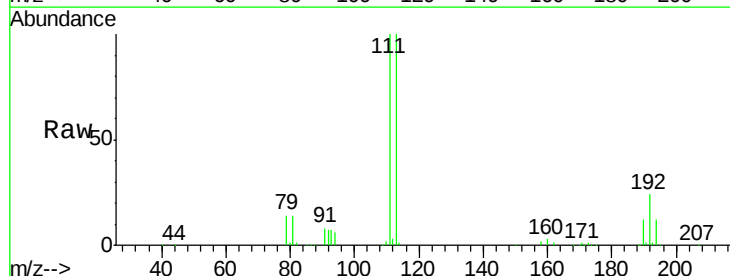
Tgt Ion:113 Resp: 552141

Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

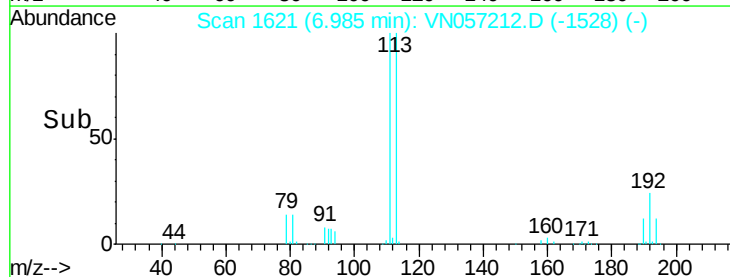
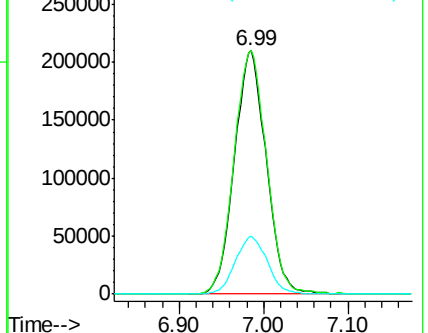
192 23.8 19.0 28.4

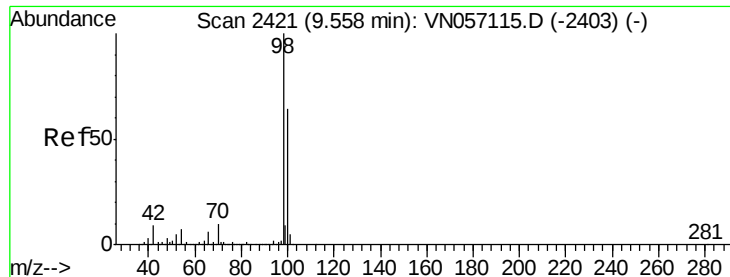


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

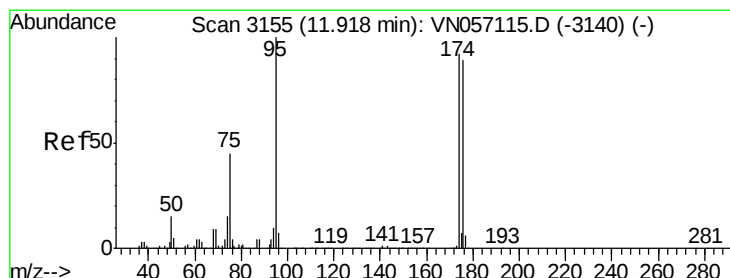
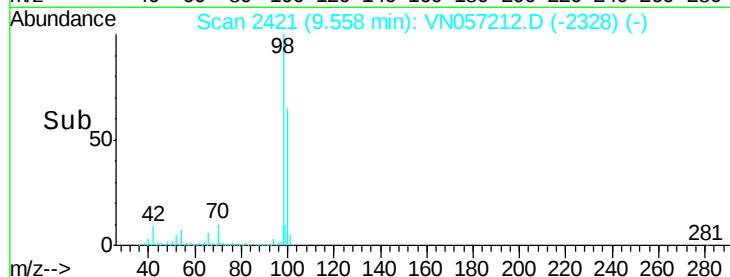
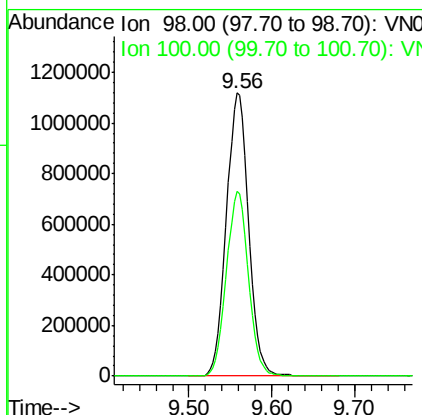
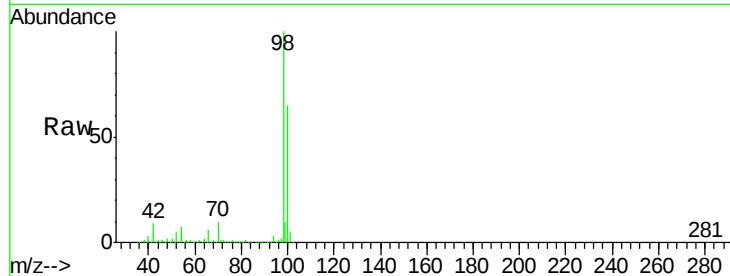




#50
Toluene-d8
Concen: 47.849 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057212.D
Acq: 12 Aug 2019 14:00

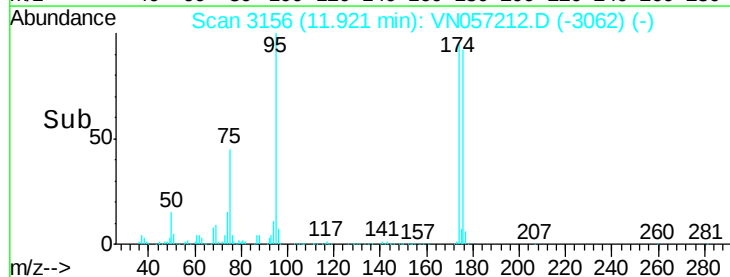
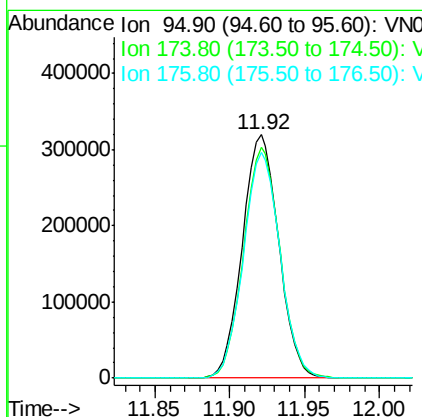
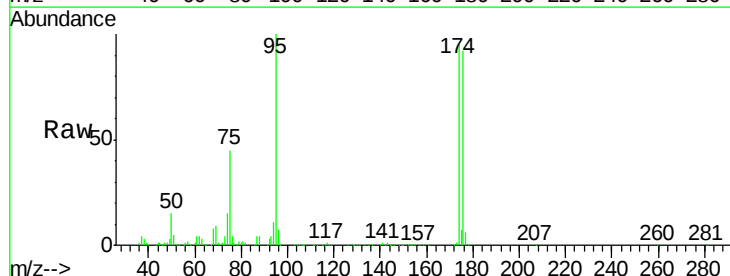
Instrument :
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ClientSampleId :
VN0812WBL02

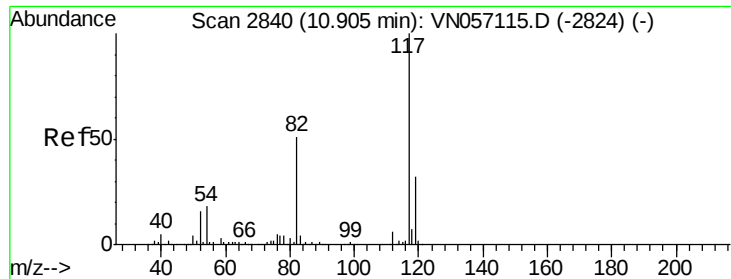
Tot Ion: 98 Resp: 2083836
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 38.753 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057212.D
Acq: 12 Aug 2019 14:00

Tgt Ion: 95 Resp: 543792
Ion Ratio Lower Upper
95 100
174 94.3 0.0 185.0
176 92.7 0.0 181.2

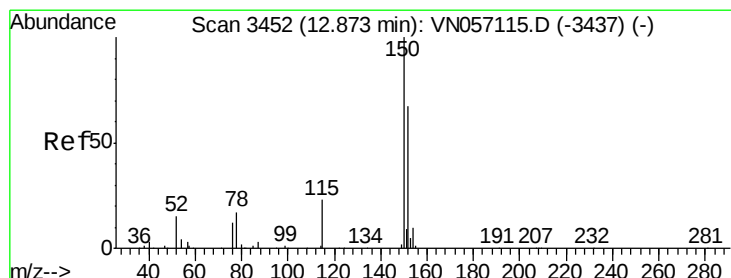
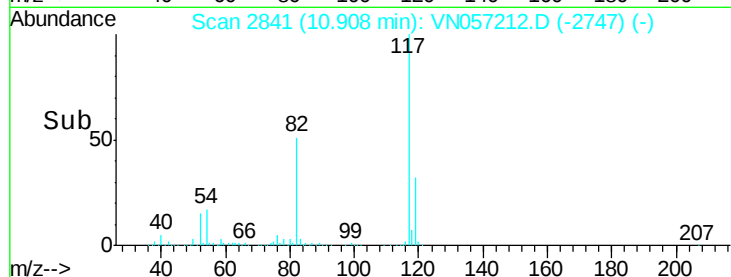
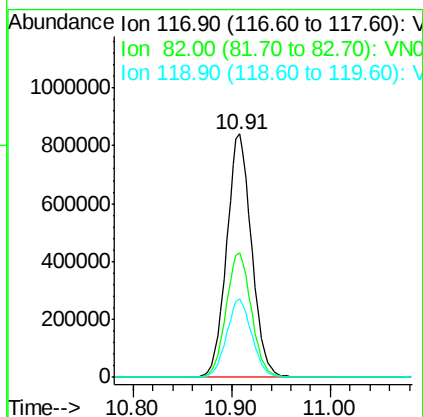
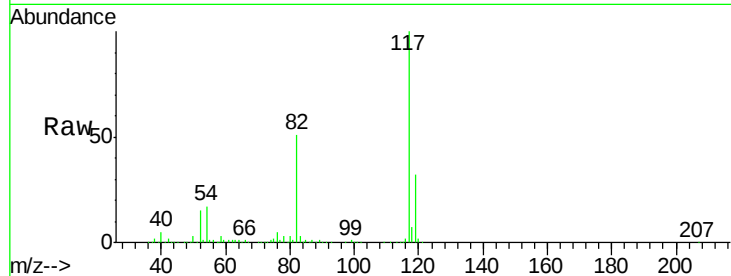




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.91 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VN057212.D
 Acq: 12 Aug 2019 14:00

Instrument :
 MSVOA_N
 ClientSampled :
 VN0812WBL02

Tot Ion:117 Resp: 1485171
 Ion Ratio Lower Upper
 117 100
 82 51.2 40.8 61.2
 119 32.1 25.7 38.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.88 min Scan# 3453
 Delta R.T. 0.00 min
 Lab File: VN057212.D
 Acq: 12 Aug 2019 14:00

Tgt Ion:152 Resp: 369986
 Ion Ratio Lower Upper
 152 100
 115 55.2 27.5 82.5
 150 158.0 0.0 341.6

