

Data File : VN057177.D
Acq On : 11 Aug 2019 11:01
Operator : JC/SP
Sample : VN0811WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

Quant Time: Aug 12 06:25:19 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	1378372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1920819	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1589696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	404789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	633914	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	
35) Dibromofluoromethane	6.99	113	580143	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	9.56	98	2201457	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
62) 4-Bromofluorobenzene	11.92	95	583302	39.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.52%	

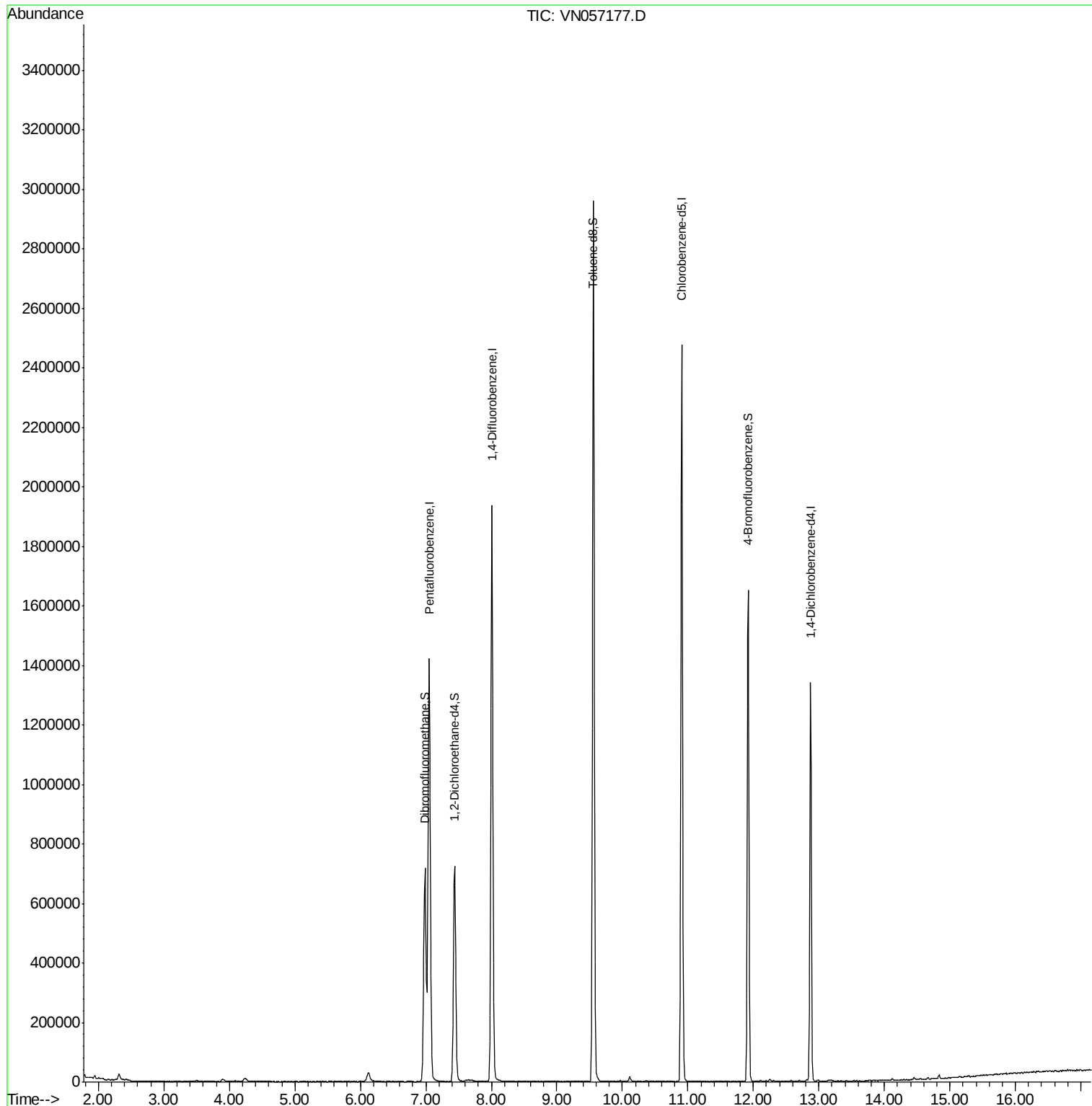
Target Compounds	Qvalue
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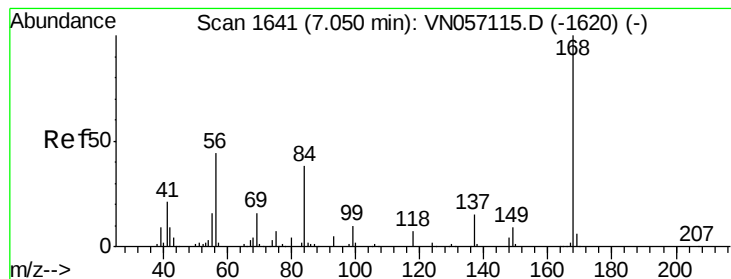
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057177.D

Acq: 11 Aug 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

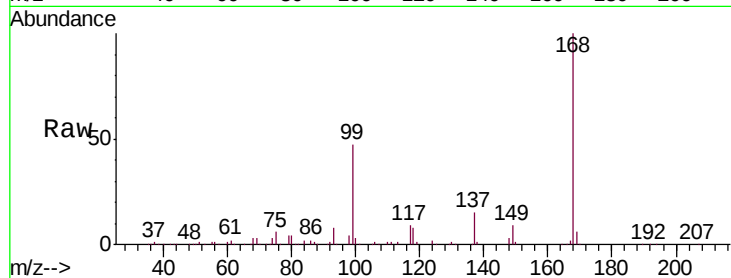
VN0811WBL01

Tgt Ion:168 Resp: 1378372

Ion Ratio Lower Upper

168 100

99 46.7 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.05

600000

500000

400000

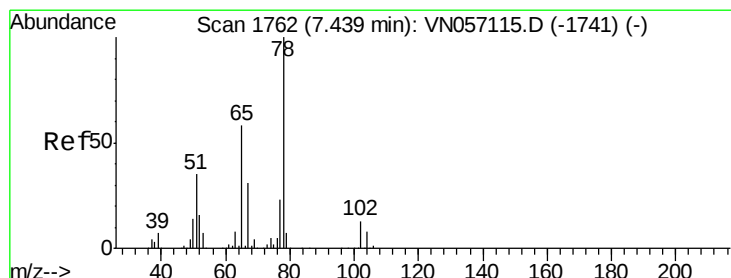
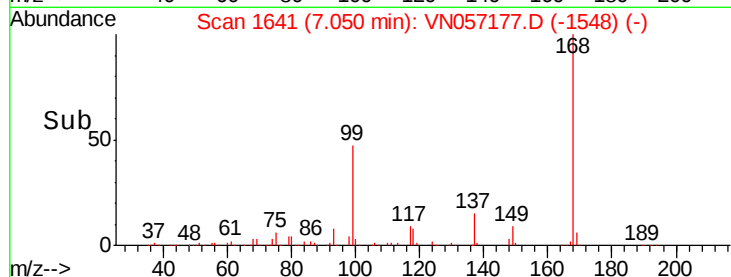
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.719 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057177.D

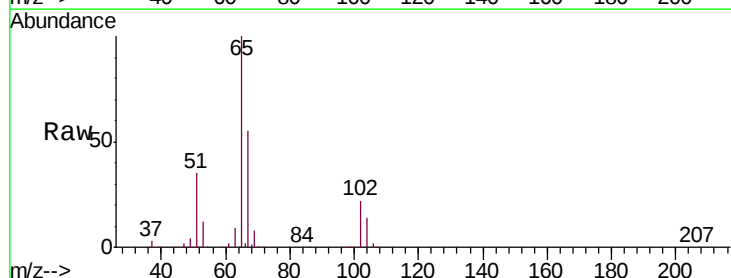
Acq: 11 Aug 2019 11:01

Tgt Ion: 65 Resp: 633914

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.44

300000

250000

200000

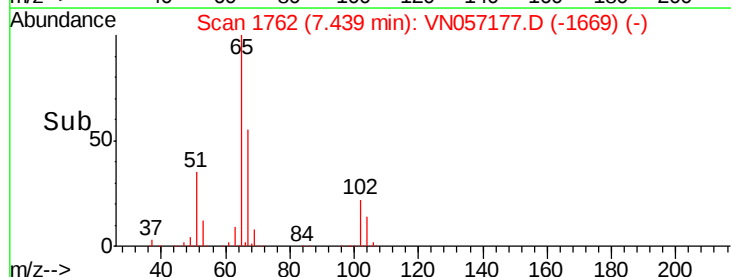
150000

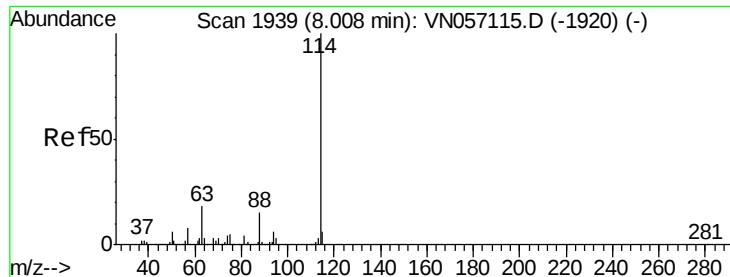
100000

50000

0

Time-->

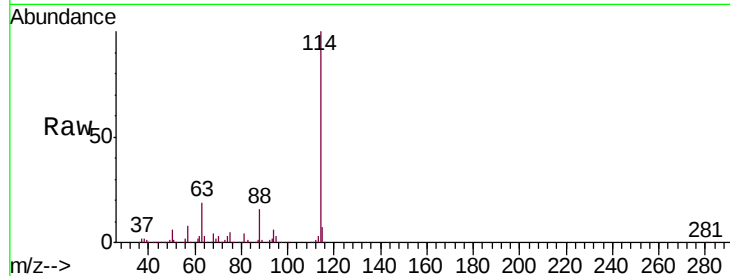




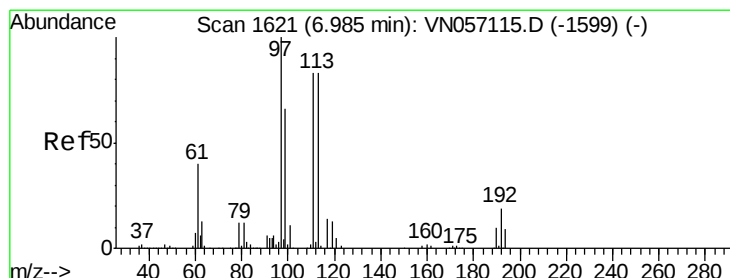
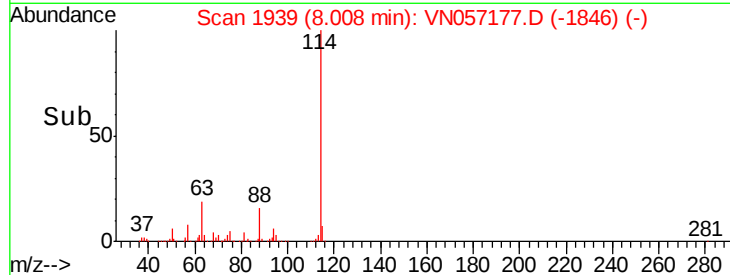
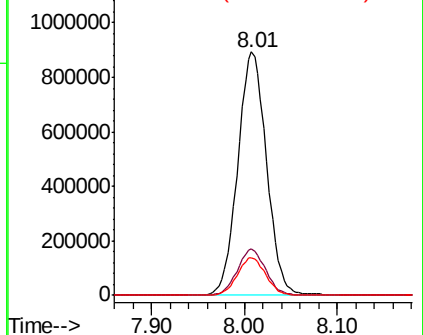
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057177.D
 Acq: 11 Aug 2019 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBL01

Tgt Ion:114 Resp: 1920819
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.2
 88 15.6 0.0 30.0

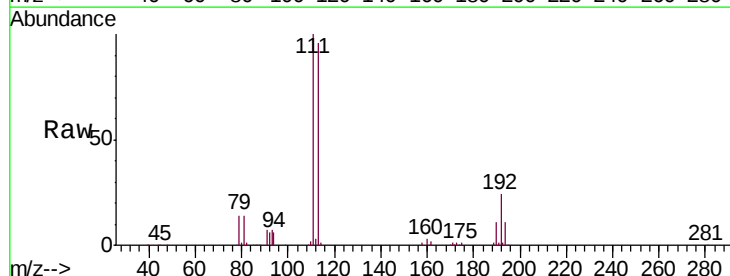


Abundance Ion 113.90 (113.60 to 114.60): V
 1200000 Ion 63.00 (62.70 to 63.70): VN
 1000000 Ion 87.90 (87.60 to 88.60): VN

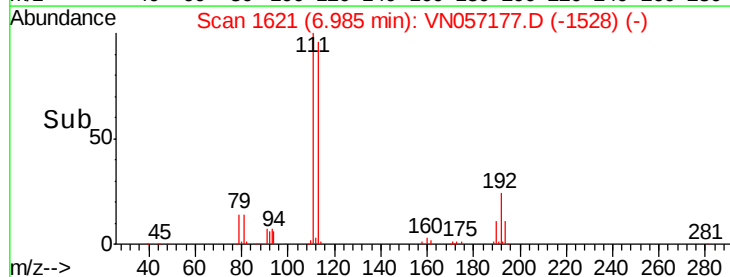
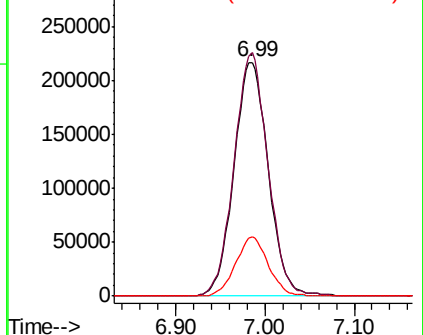


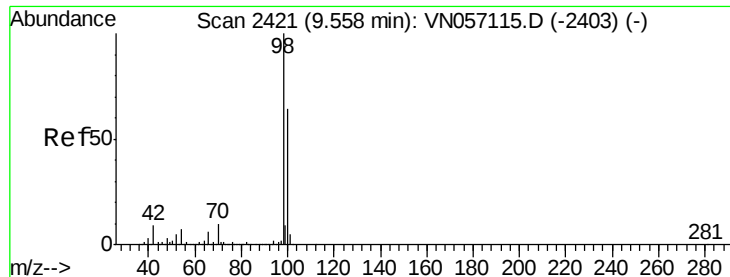
#35
 Dibromofluoromethane
 Concen: 48.131 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057177.D
 Acq: 11 Aug 2019 11:01

Tgt Ion:113 Resp: 580143
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.3 121.9
 192 24.1 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V
 300000 Ion 110.80 (110.50 to 111.50): V
 250000 Ion 191.70 (191.40 to 192.40): V

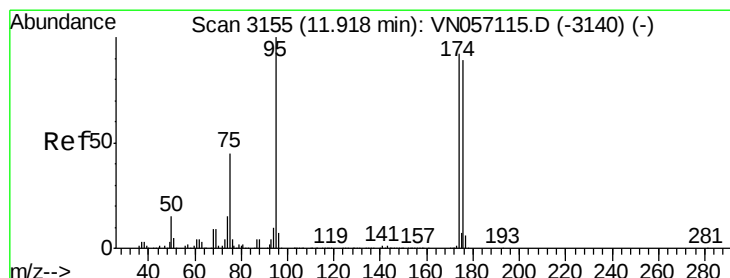
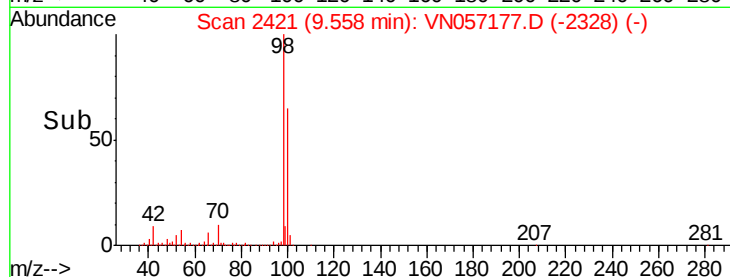
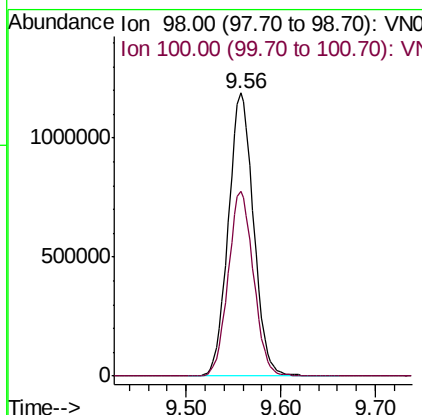
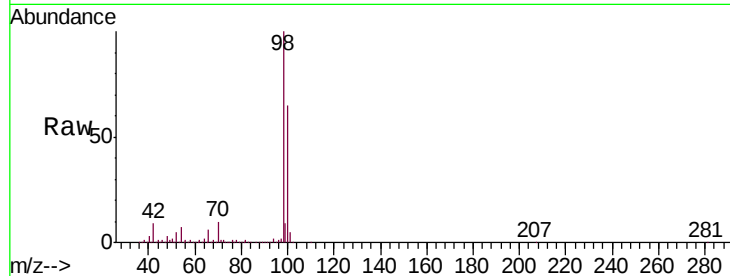




#50
Toluene-d8
Concen: 47.739 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057177.D
Acq: 11 Aug 2019 11:01

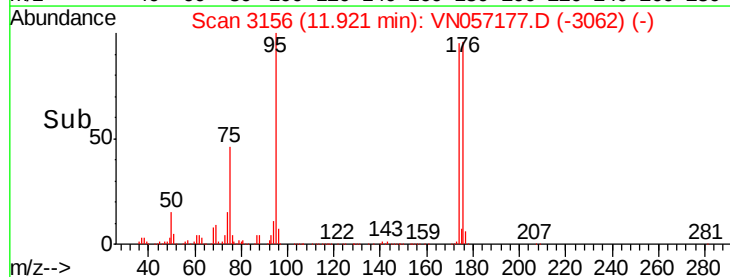
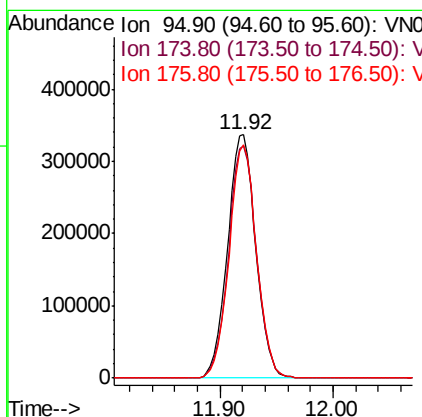
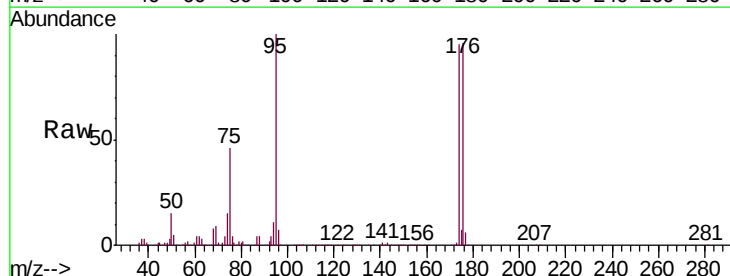
Instrument :
MSVOA_N
ClientSampled :
VN0811WBL01

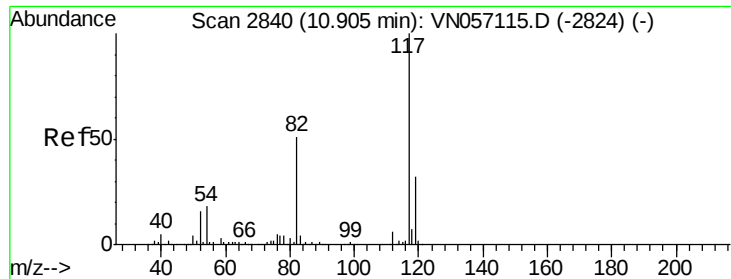
Tgt Ion: 98 Resp: 2201457
Ion Ratio Lower Upper
98 100
100 65.6 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 39.257 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057177.D
Acq: 11 Aug 2019 11:01

Tgt Ion: 95 Resp: 583302
Ion Ratio Lower Upper
95 100
174 94.9 0.0 185.0
176 93.4 0.0 181.2

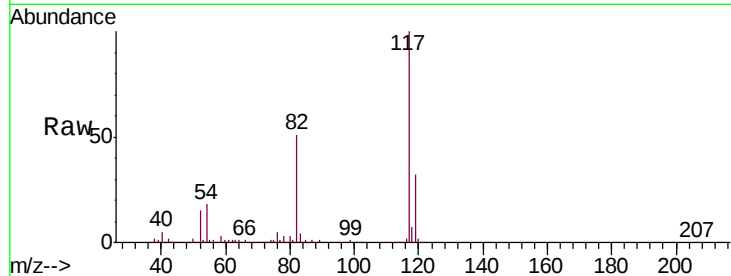




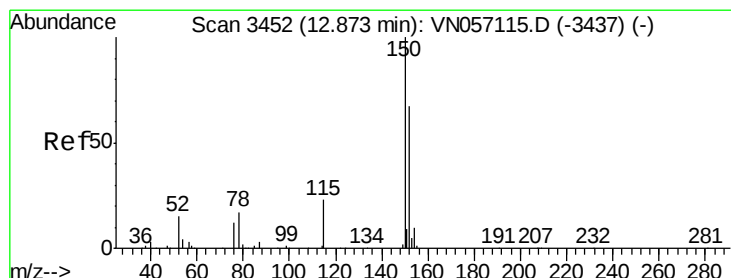
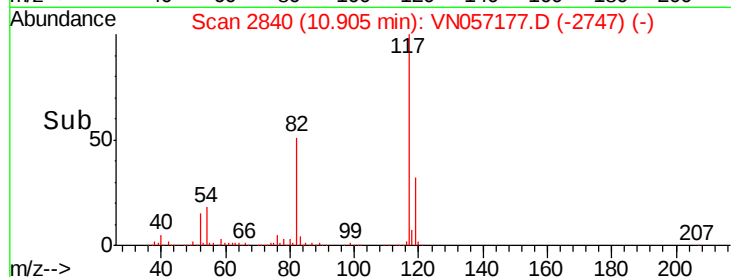
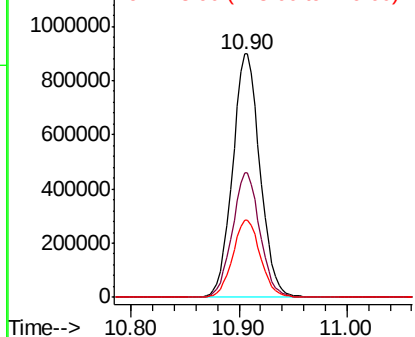
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN057177.D
Acq: 11 Aug 2019 11:01

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

Tgt Ion:117 Resp: 1589696
Ion Ratio Lower Upper
117 100
82 51.3 40.8 61.2
119 31.6 25.7 38.5

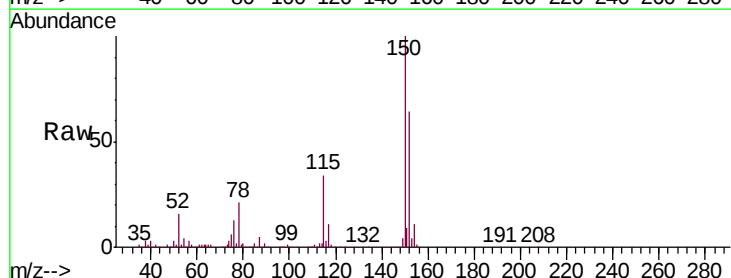


Abundance Ion 116.90 (116.60 to 117.60): V
1200000
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057177.D
Acq: 11 Aug 2019 11:01

Tgt Ion:152 Resp: 404789
Ion Ratio Lower Upper
152 100
115 54.4 27.5 82.5
150 157.2 0.0 341.6



Abundance Ion 151.90 (151.60 to 152.60): V
500000
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

