

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032219\
 Data File : VN054550.D
 Acq On : 22 Mar 2019 11:40
 Operator : JC/SP
 Sample : K1688-21
 Misc : 7.09g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-031919-A

Quant Time: Mar 22 12:28:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 14:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	556081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	895388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	749277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	287900	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	358656	51.85	ug/l	0.00
Spiked Amount						
			Recovery	=	103.70%	
35) Dibromofluoromethane	7.59	113	269229	46.67	ug/l	0.00
Spiked Amount						
			Recovery	=	93.34%	
50) Toluene-d8	10.09	98	1070378	49.36	ug/l	0.00
Spiked Amount						
			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.40	95	329153	44.60	ug/l	0.00
Spiked Amount						
			Recovery	=	89.20%	

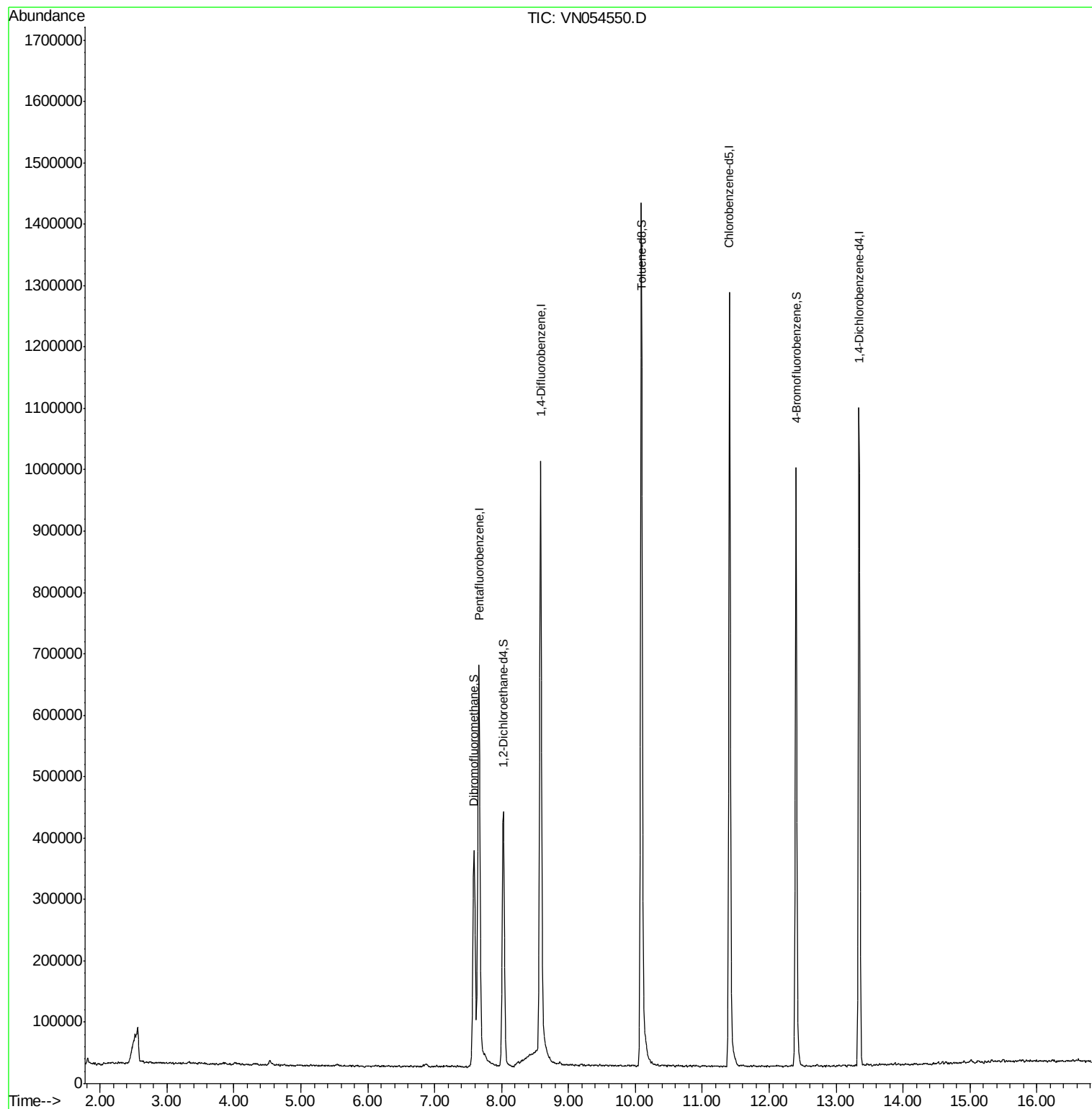
Target Compounds	Qvalue

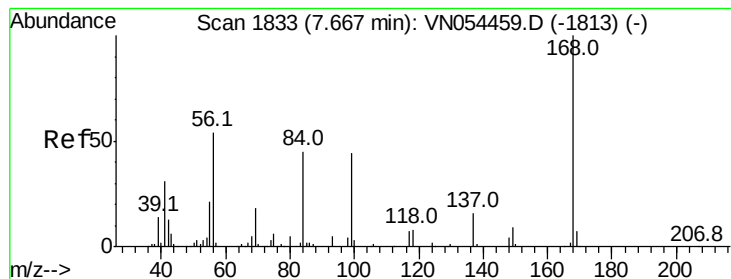
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN054550.D

Acq: 22 Mar 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

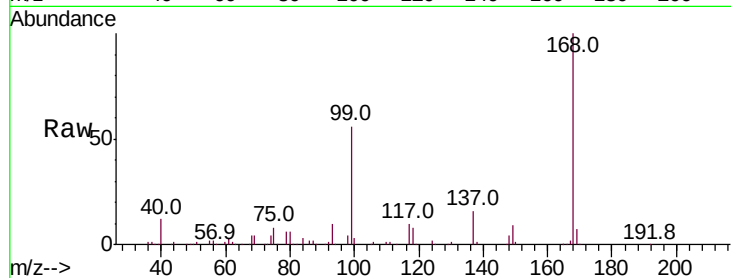
JC-02-031919-A

Tot Ion:168 Resp: 556081

Ion Ratio Lower Upper

168 100

99 56.0 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

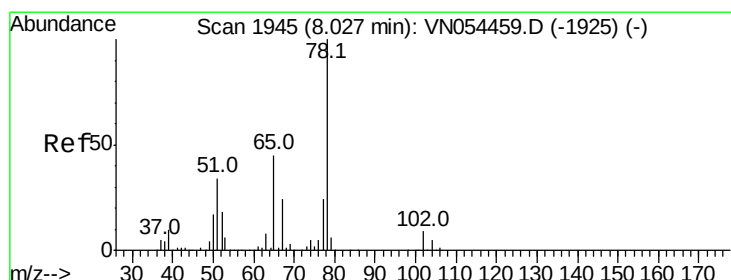
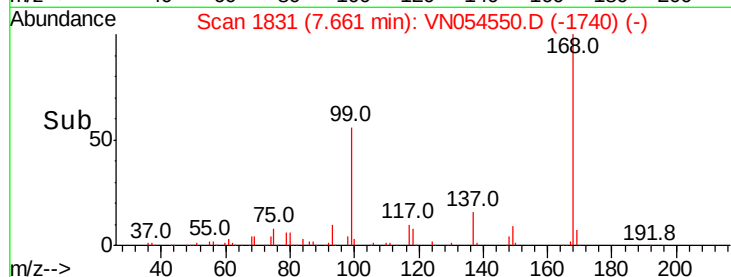
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.853 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054550.D

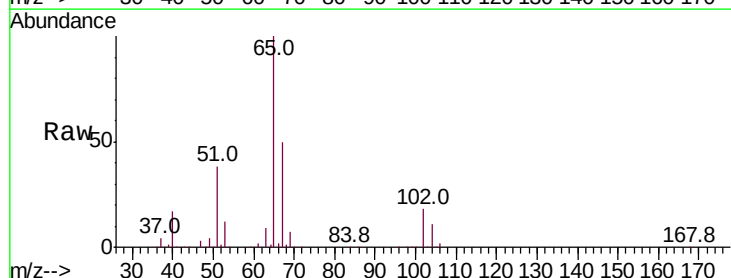
Acq: 22 Mar 2019 11:40

Tgt Ion: 65 Resp: 358656

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.02

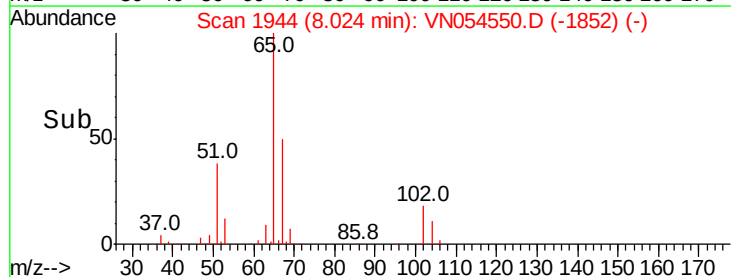
150000

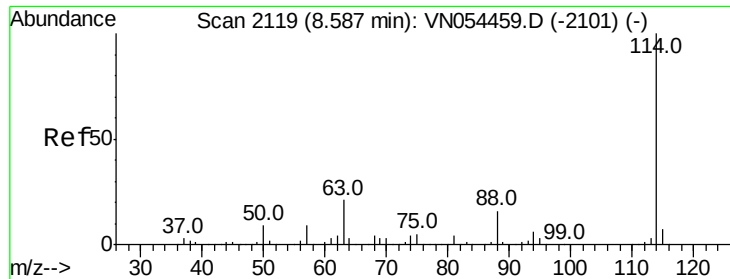
100000

50000

0

Time-->

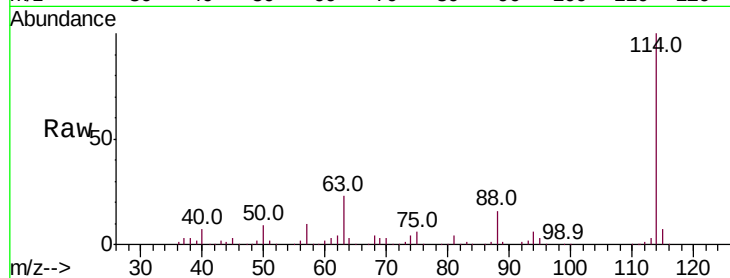




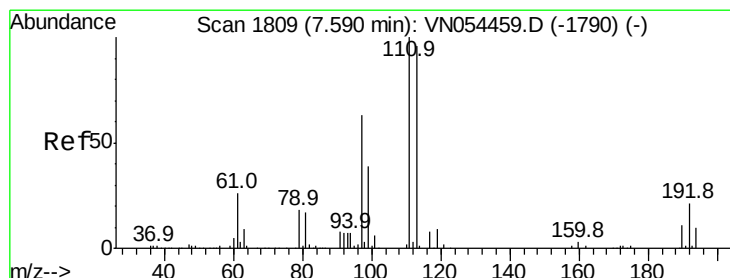
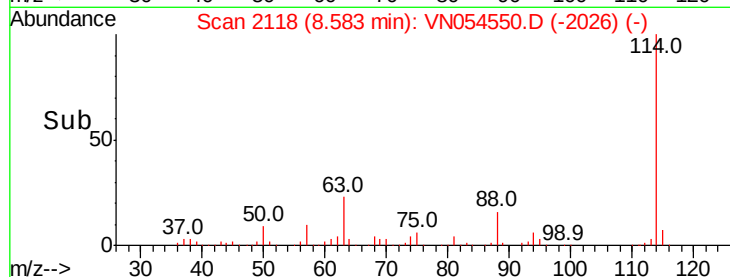
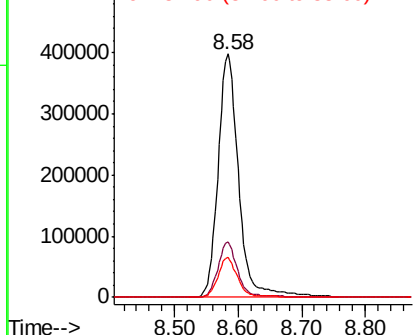
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054550.D
 Acq: 22 Mar 2019 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-031919-A

Tot Ion:114 Resp: 895388
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 35.2
 88 16.3 0.0 30.2

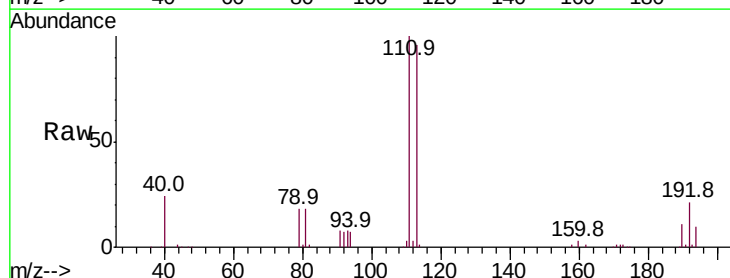


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

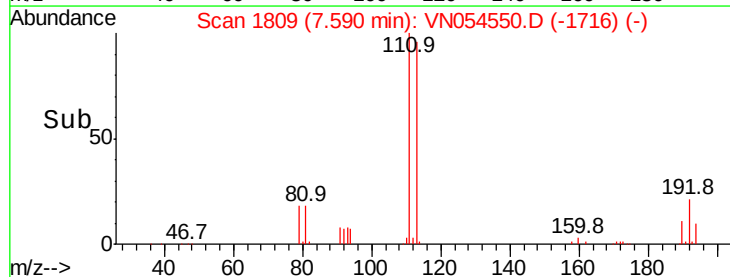
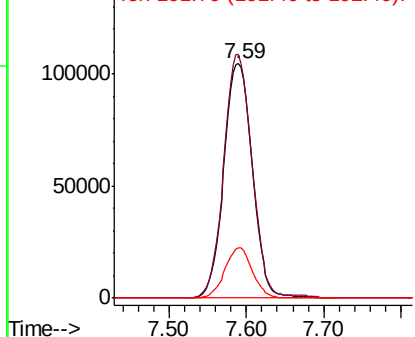


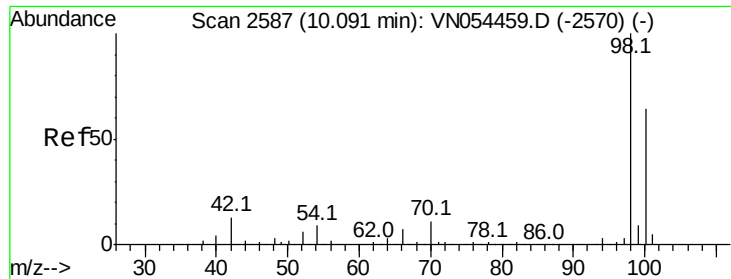
#35
 Dibromofluoromethane
 Concen: 46.672 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054550.D
 Acq: 22 Mar 2019 11:40

Tgt Ion:113 Resp: 269229
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 20.7 19.2 28.8



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: 49.358 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054550.D

Acq: 22 Mar 2019 11:40

Instrument :

MSVOA_N

ClientSampleId :

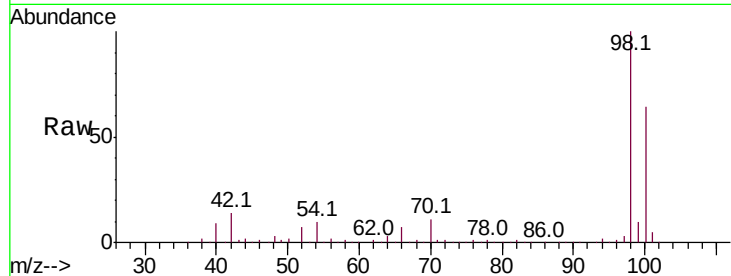
JC-02-031919-A

Tot Ion: 98 Resp: 1070378

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

500000

400000

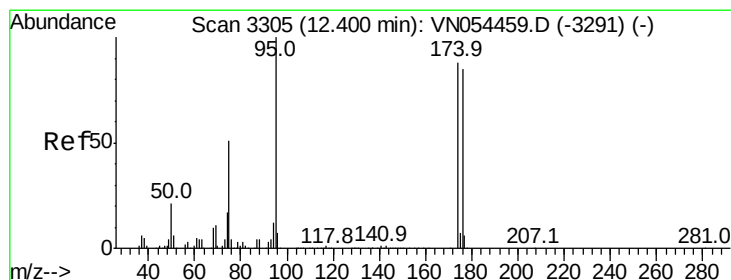
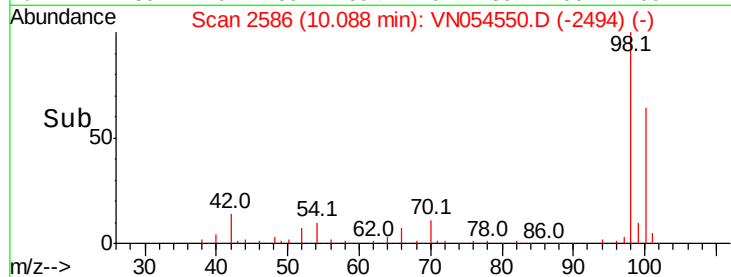
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.604 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054550.D

Acq: 22 Mar 2019 11:40

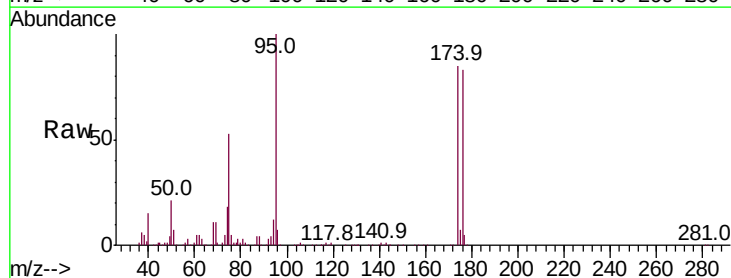
Tgt Ion: 95 Resp: 329153

Ion Ratio Lower Upper

95 100

174 85.4 0.0 191.0

176 82.4 0.0 187.4



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

250000

200000

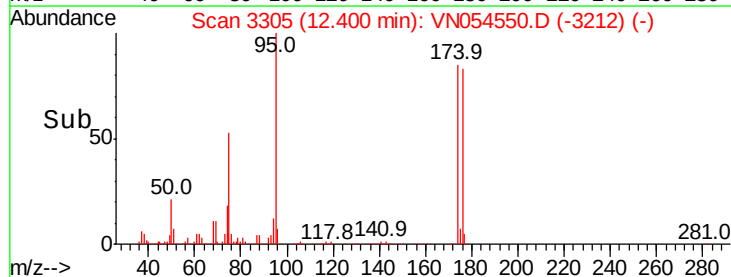
150000

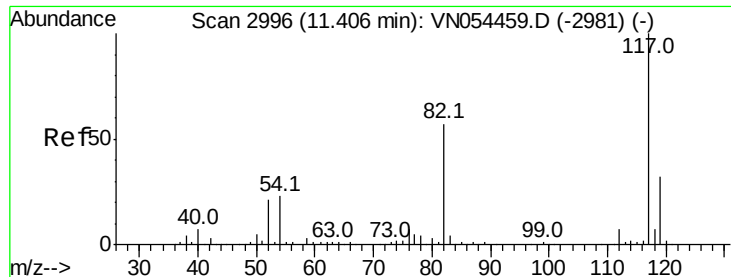
100000

50000

0

Time-->

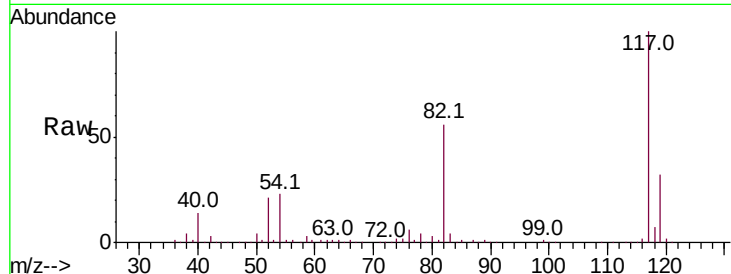




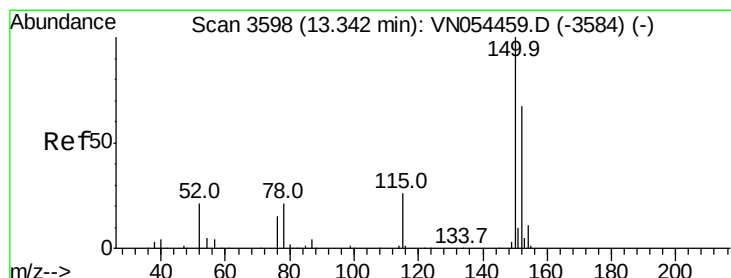
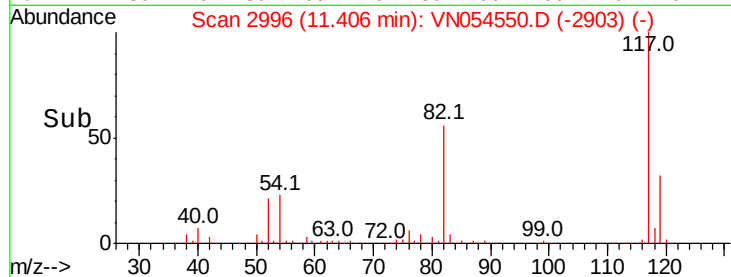
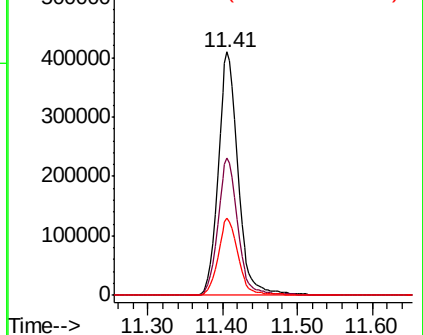
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054550.D
Acq: 22 Mar 2019 11:40

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tot Ion:117 Resp: 749277
Ion Ratio Lower Upper
117 100
82 56.3 40.0 60.0
119 31.6 25.8 38.6

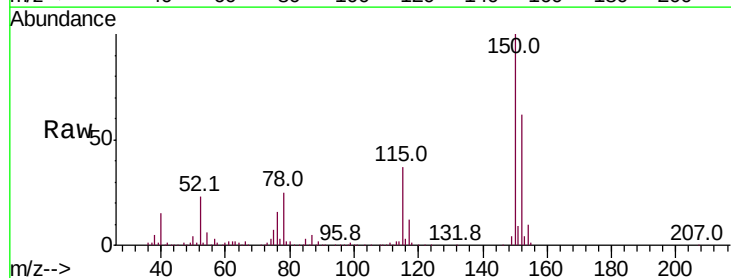


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054550.D
Acq: 22 Mar 2019 11:40

Tgt Ion:152 Resp: 287900
Ion Ratio Lower Upper
152 100
115 58.6 27.2 81.6
150 159.5 0.0 349.2



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

