

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057043.D
 Acq On : 1 Aug 2019 17:31
 Operator : JC/SP
 Sample : K4118-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-DUP02-20190731

Quant Time: Aug 02 06:44:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

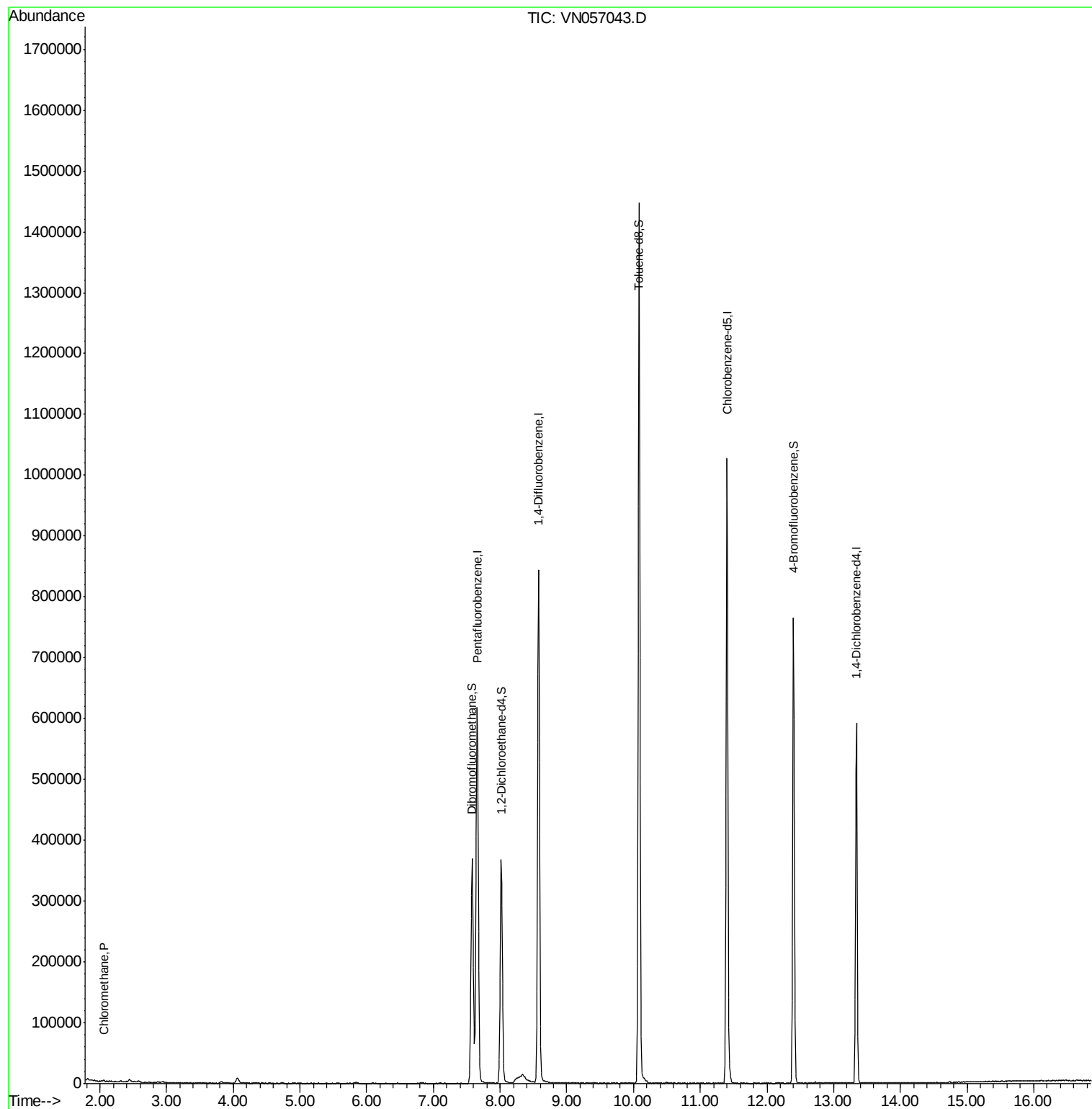
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	555616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	800600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	664220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	314387	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
35) Dibromofluoromethane	7.58	113	285562	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
50) Toluene-d8	10.08	98	1063867	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
62) 4-Bromofluorobenzene	12.40	95	277241	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
3) Chloromethane	2.06	50	3285	0.488	ug/l	Qvalue 89

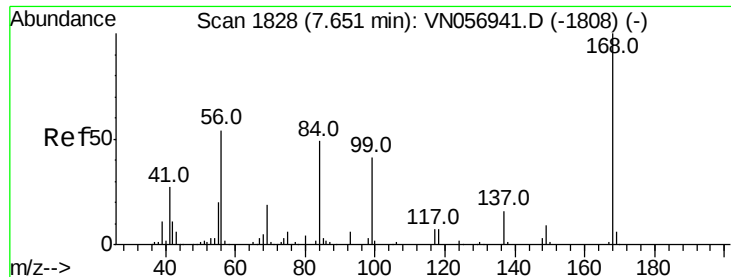
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057043.D

Acq: 1 Aug 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

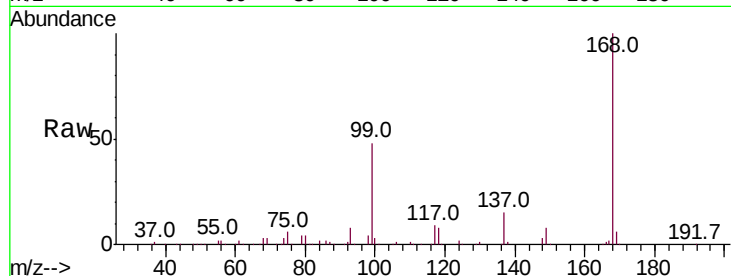
SA-DUP02-20190731

Tot Ion:168 Resp: 555616

Ion Ratio Lower Upper

168 100

99 48.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)

7.66

250000

200000

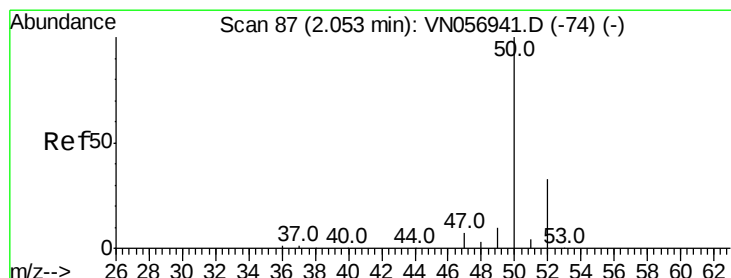
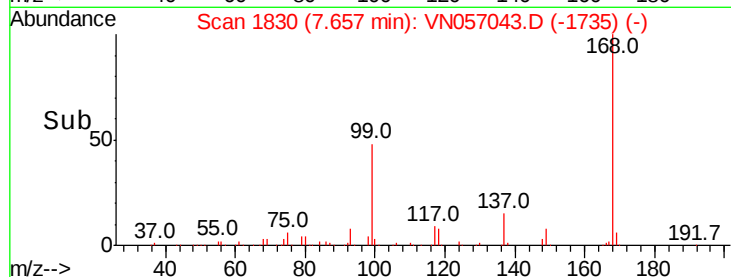
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.488 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN057043.D

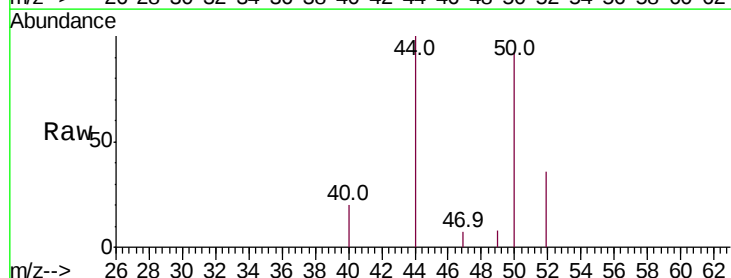
Acq: 1 Aug 2019 17:31

Tgt Ion: 50 Resp: 3285

Ion Ratio Lower Upper

50 100

52 38.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN056941.D (-74) (-)

Ion 51.90 (51.60 to 52.60): VN056941.D (-74) (-)

2.06

2500

2000

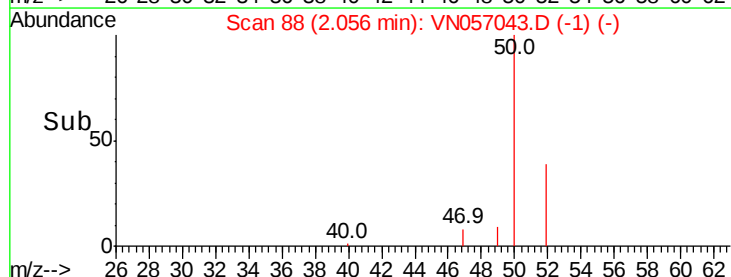
1500

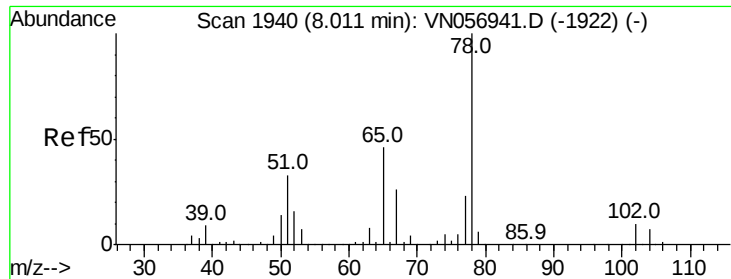
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.277 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057043.D

Acq: 1 Aug 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

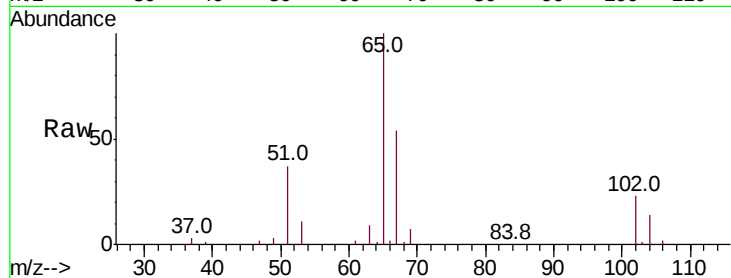
SA-DUP02-20190731

Tot Ion: 65 Resp: 314387

Ion Ratio Lower Upper

65 100

67 53.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN056941.D (-1922) (-)

Ion 66.90 (66.60 to 67.60): VN056941.D (-1922) (-)

8.01

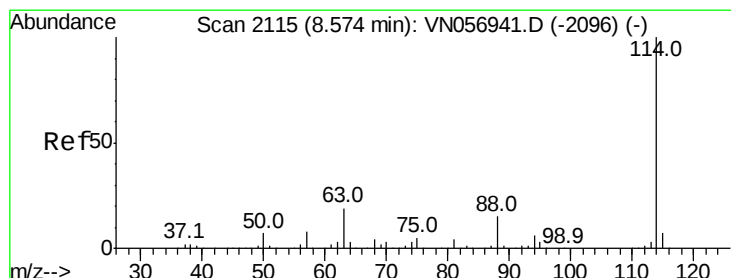
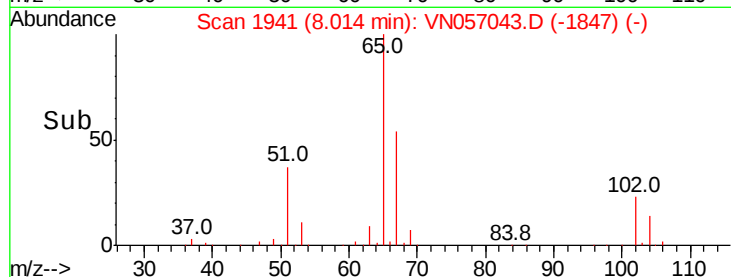
150000

100000

50000

0

Time--> 7.90 8.01 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057043.D

Acq: 1 Aug 2019 17:31

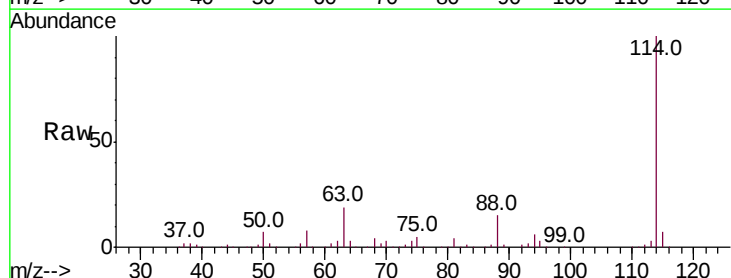
Tgt Ion:114 Resp: 800600

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

88 15.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): VN056941.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN056941.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN056941.D (-2096) (-)

8.58

500000

400000

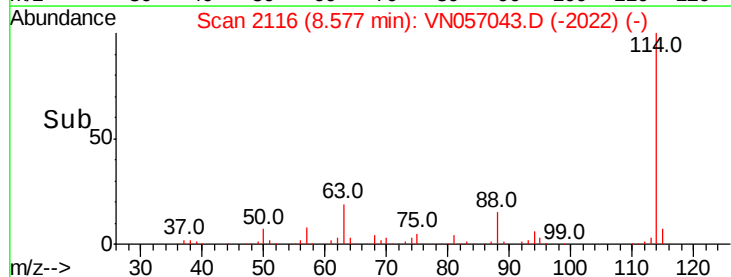
300000

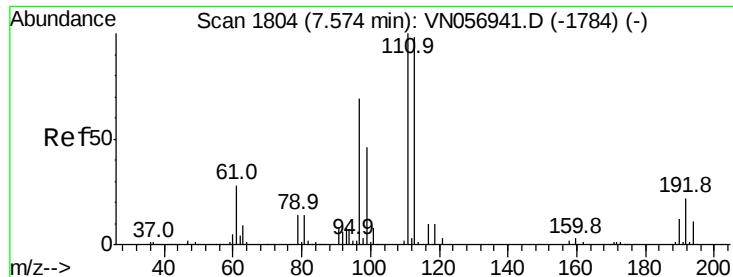
200000

100000

0

Time--> 8.50 8.60 8.70

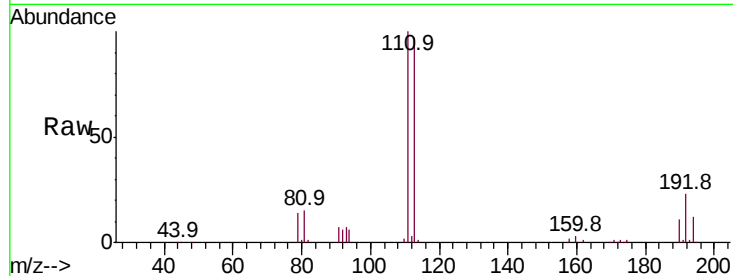




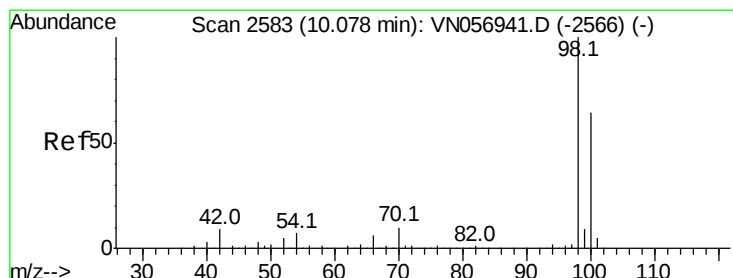
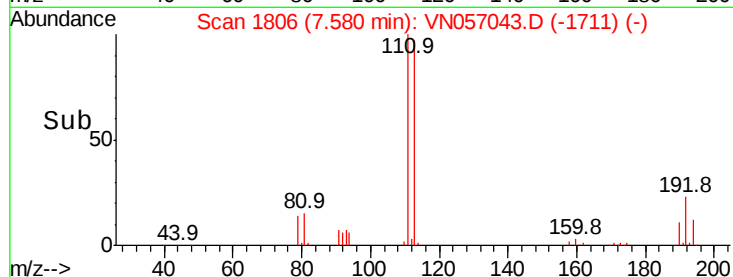
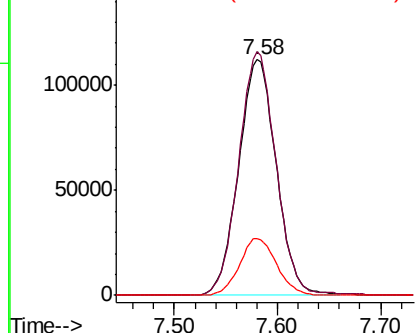
#35
 Dibromofluoromethane
 Concen: 55.717 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057043.D
 Acq: 1 Aug 2019 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-DUP02-20190731

Tot Ion:113 Resp: 285562
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.0 123.0
 192 23.8 18.4 27.6

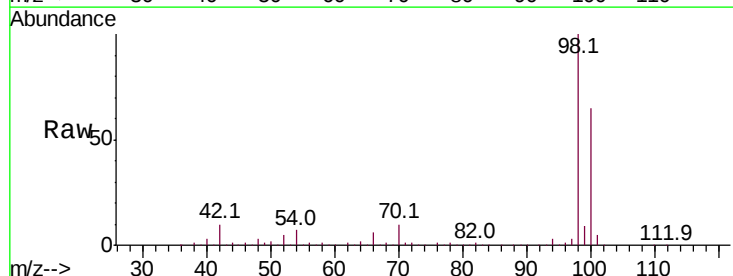


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

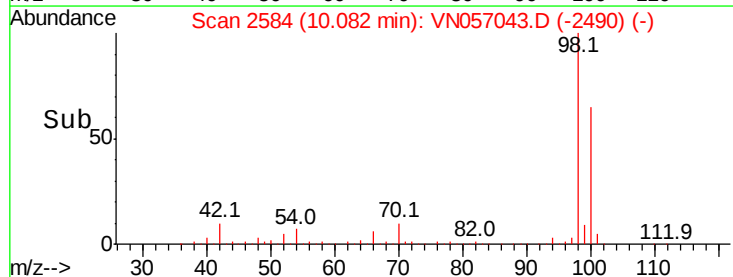
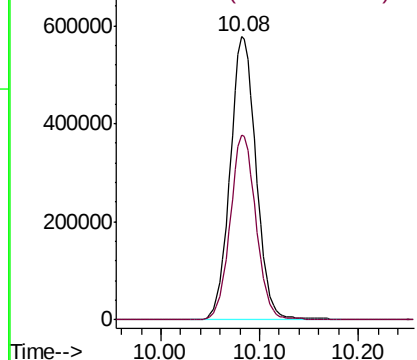


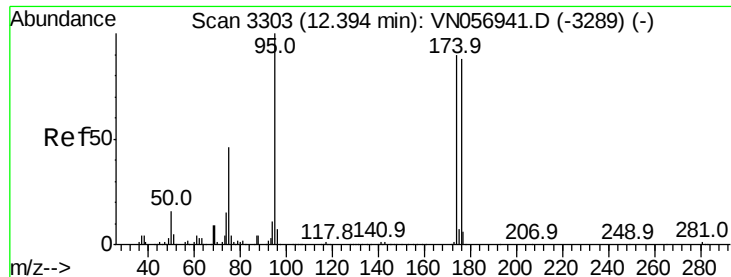
#50
 Toluene-d8
 Concen: 54.432 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN057043.D
 Acq: 1 Aug 2019 17:31

Tgt Ion: 98 Resp: 1063867
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 43.573 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057043.D

Acq: 1 Aug 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

SA-DUP02-20190731

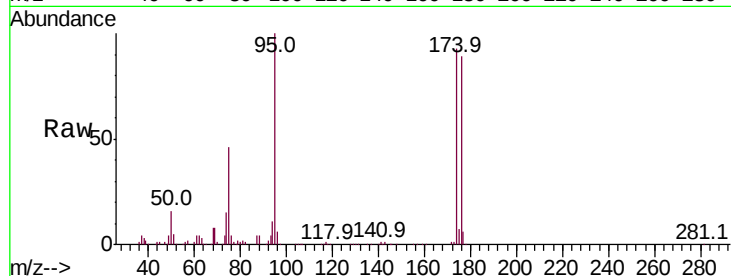
Tot Ion: 95 Resp: 277241

Ion Ratio Lower Upper

95 100

174 93.3 0.0 182.2

176 90.6 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN056941.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN056941.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN056941.D (-3289) (-)

12.40

200000

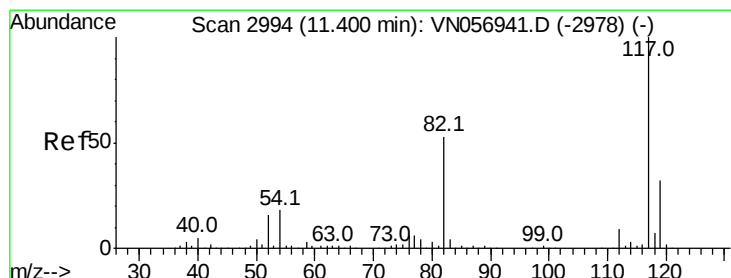
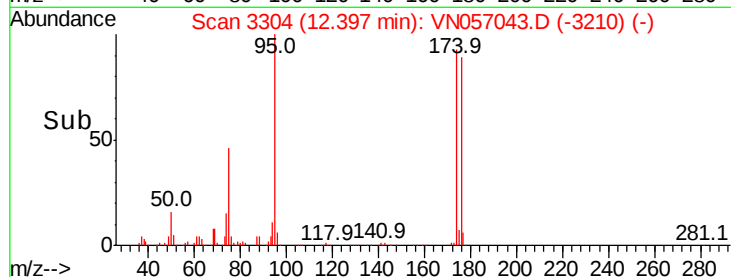
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN057043.D

Acq: 1 Aug 2019 17:31

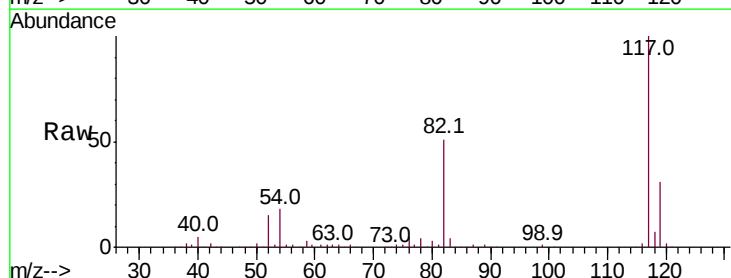
Tgt Ion: 117 Resp: 664220

Ion Ratio Lower Upper

117 100

82 51.5 42.2 63.4

119 31.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN056941.D (-2978) (-)

Ion 82.00 (81.70 to 82.70): VN056941.D (-2978) (-)

Ion 118.90 (118.60 to 119.60): VN056941.D (-2978) (-)

11.40

500000

400000

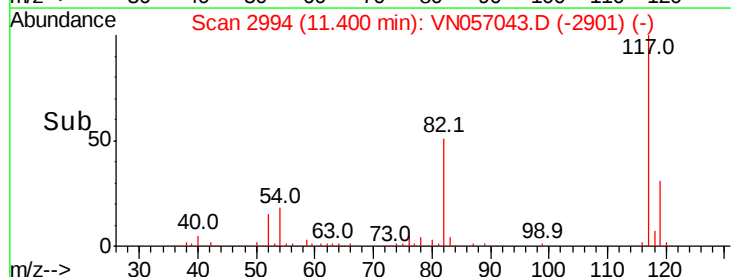
300000

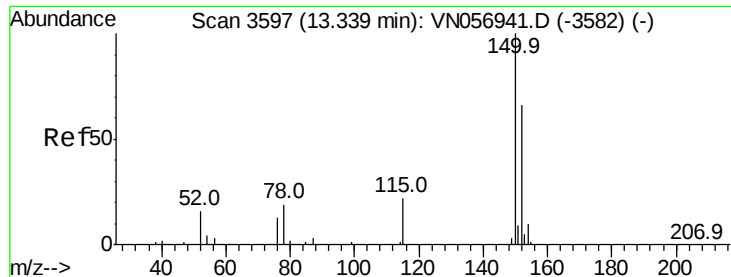
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057043.D

Acq: 1 Aug 2019 17:31

Instrument :

MSVOA_N

ClientSampleId :

SA-DUP02-20190731

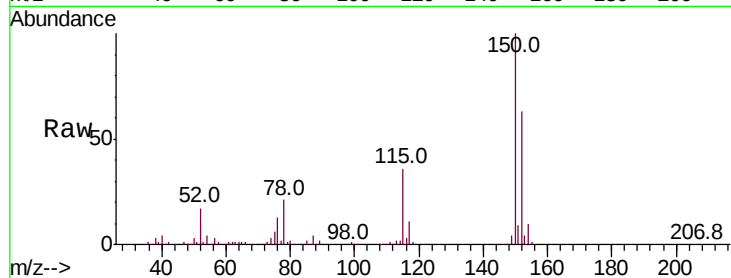
Tot Ion:152 Resp: 176292

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.6

150 159.2 0.0 349.4



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

