

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056092.D
 Acq On : 7 Jun 2019 11:59
 Operator : JC/SP
 Sample : VN0608WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBL02

Quant Time: Jun 08 05:36:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	326304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	496606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	444464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123566	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	159107	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	7.59	113	144691	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	10.09	98	583081	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.40	95	166476	41.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.50%	

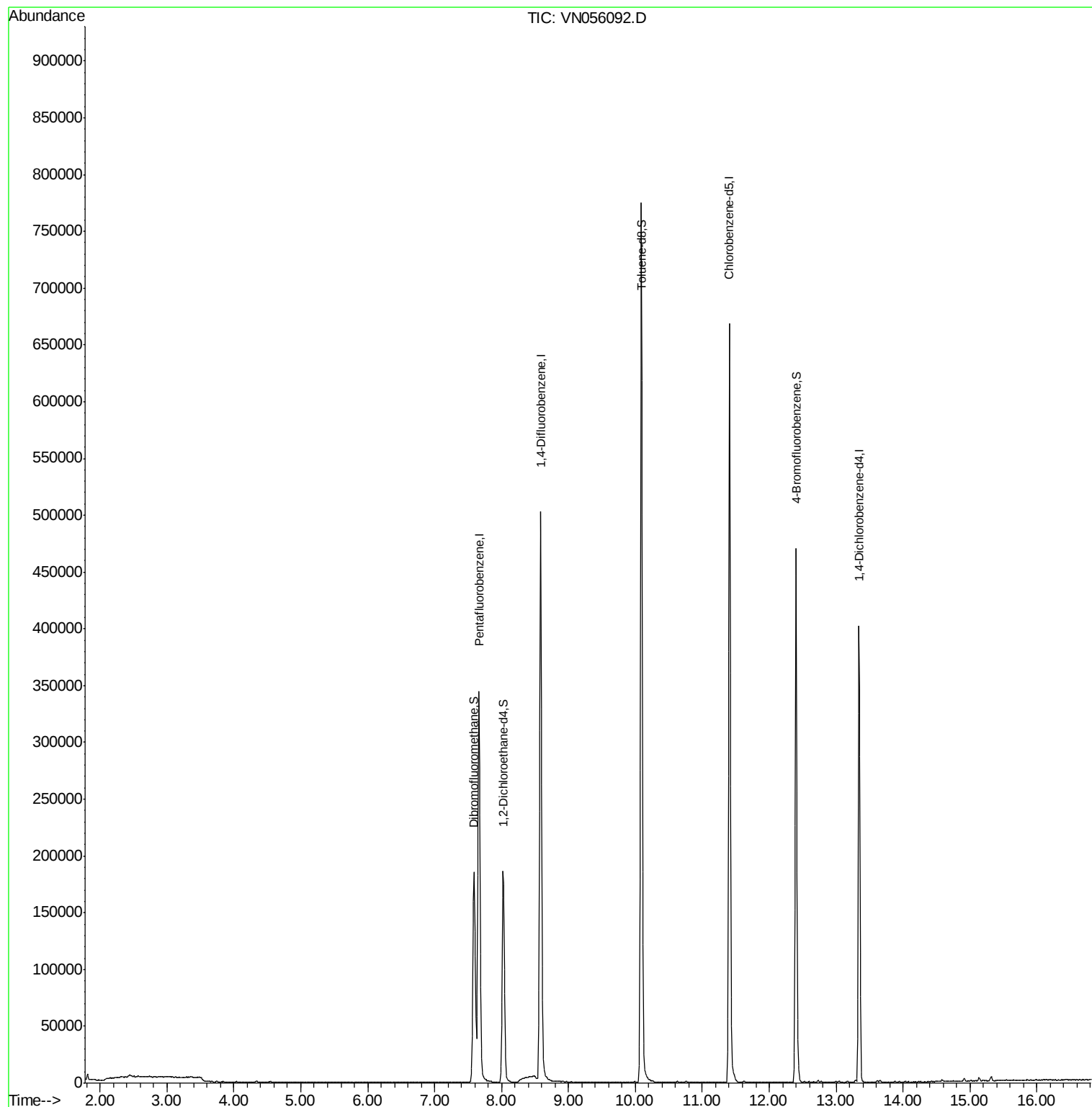
Target Compounds	Qvalue

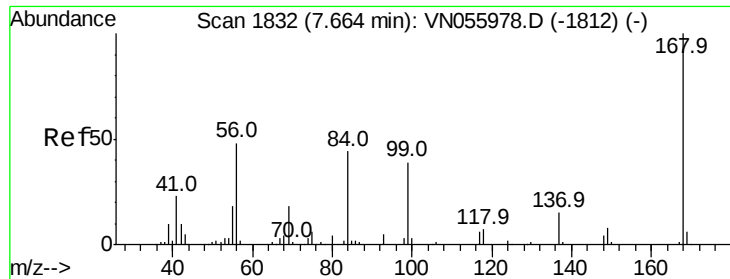
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060819\
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QLast Update : Tue Jun 04 11:02:09 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056092.D

Acq: 7 Jun 2019 11:59

Instrument :

MSVOA_N

ClientSampleId :

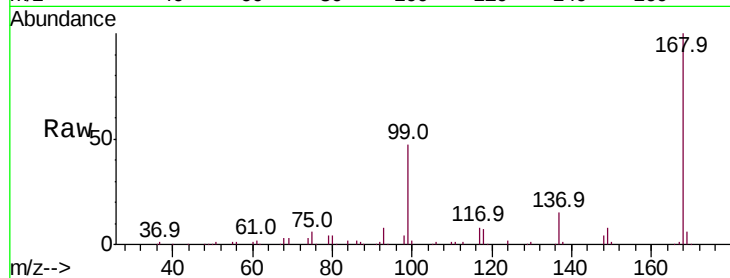
VN0608WBL02

Tot Ion:168 Resp: 326304

Ion Ratio Lower Upper

168 100

99 46.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

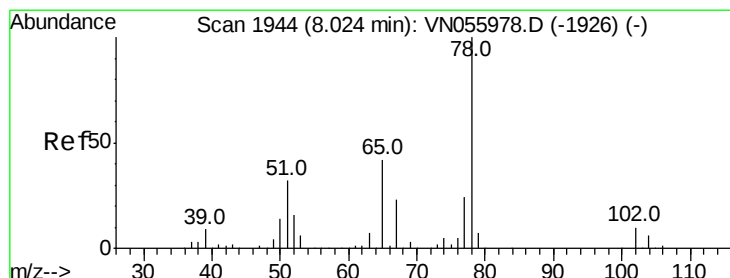
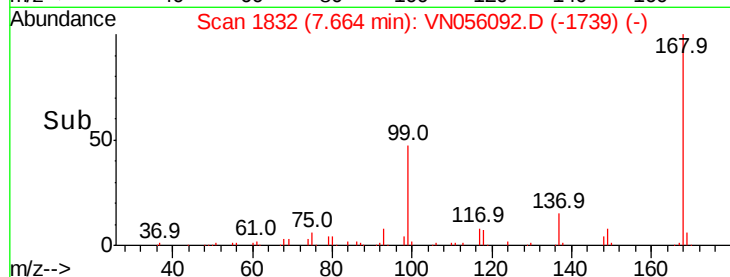
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.108 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN056092.D

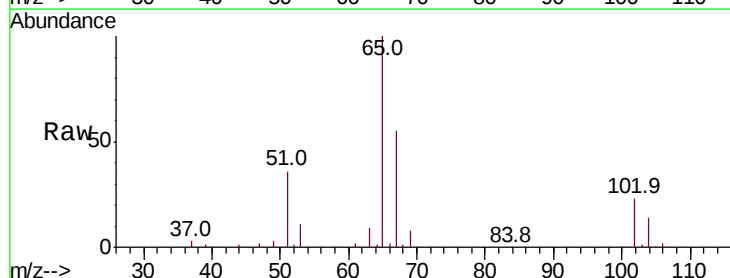
Acq: 7 Jun 2019 11:59

Tgt Ion: 65 Resp: 159107

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)

8.02

80000

60000

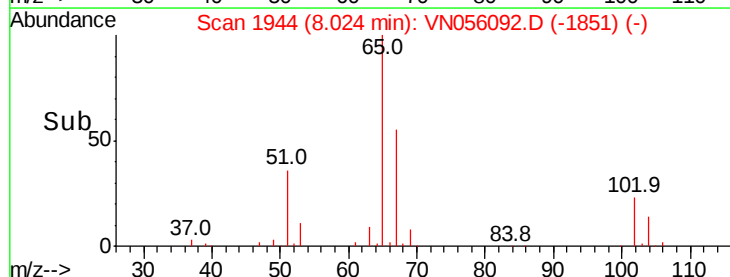
40000

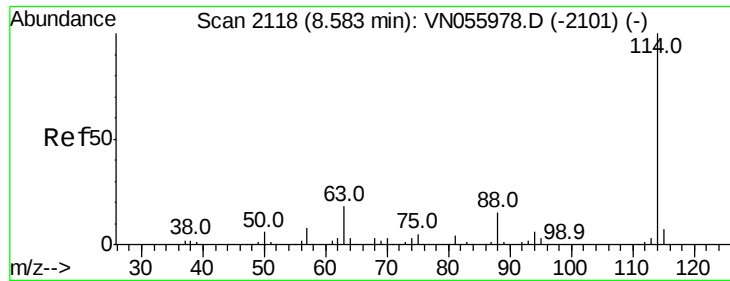
20000

0

7.90 8.00 8.10

Time-->

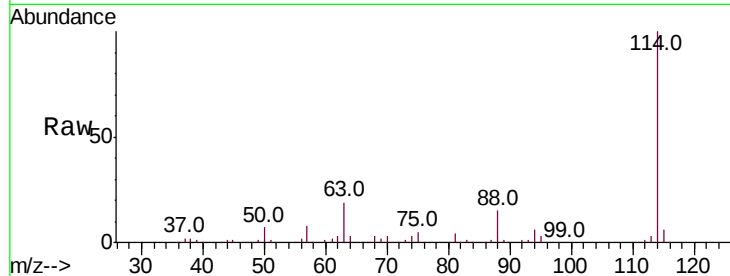




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056092.D
 Acq: 7 Jun 2019 11:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.2
88	14.9	0.0	31.0

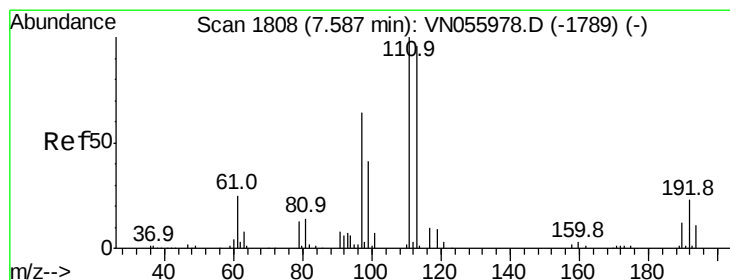
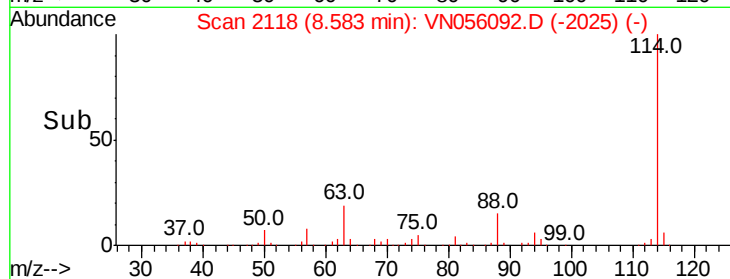
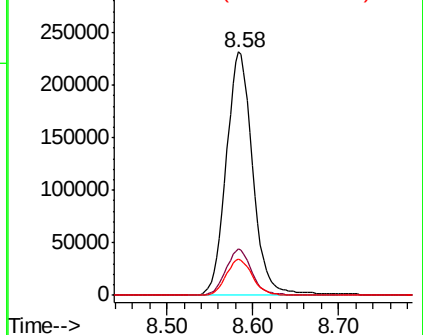


Abundance

Ion 113.90 (113.60 to 114.60): V

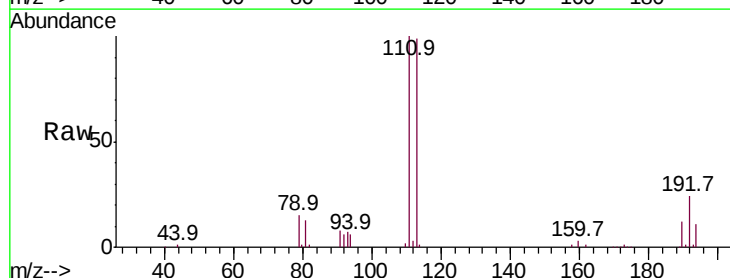
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 47.489 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056092.D
 Acq: 7 Jun 2019 11:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	23.4	19.5	29.3

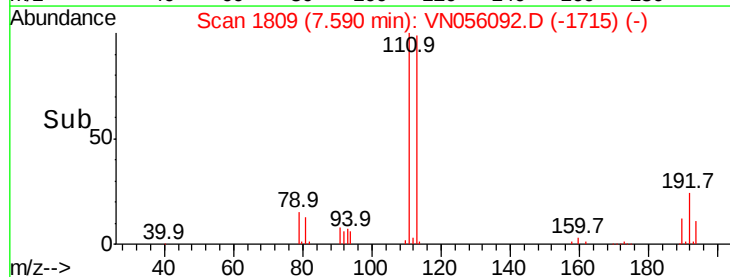
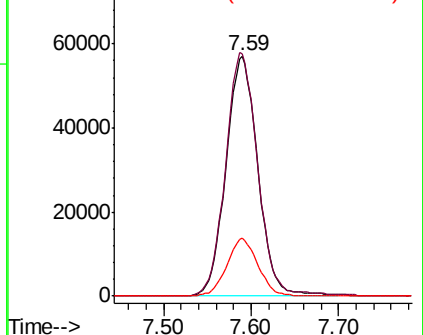


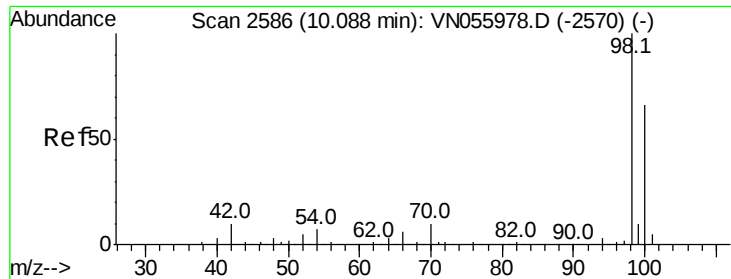
Abundance

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: 49.733 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056092.D

Acq: 7 Jun 2019 11:59

Instrument :

MSVOA_N

ClientSampleId :

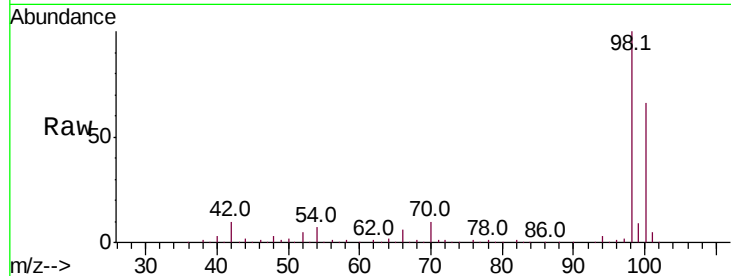
VN0608WBL02

Tot Ion: 98 Resp: 583081

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

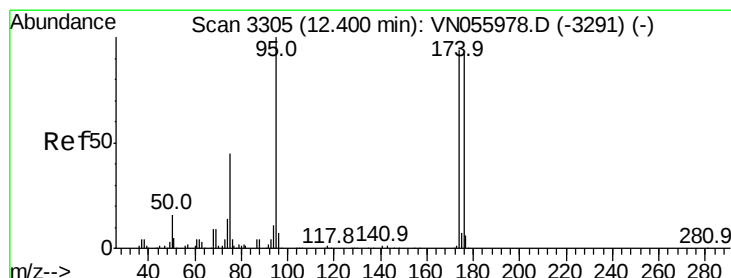
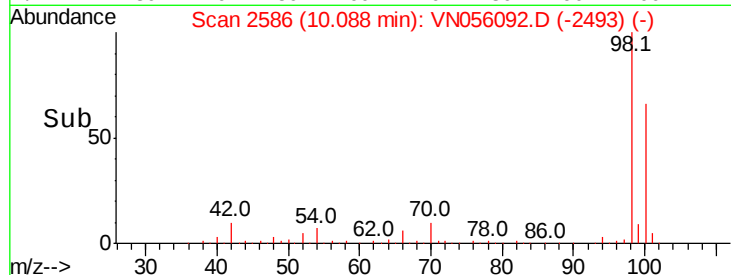
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 41.753 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056092.D

Acq: 7 Jun 2019 11:59

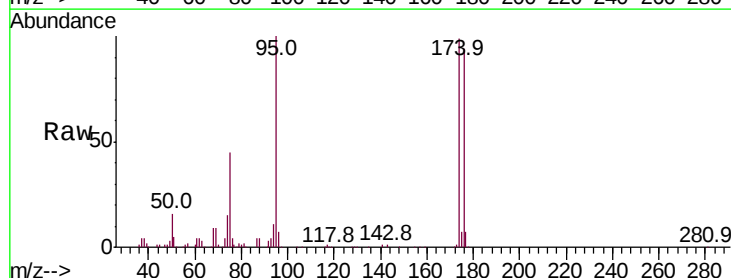
Tgt Ion: 95 Resp: 166476

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.0

176 93.5 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

120000

100000

80000

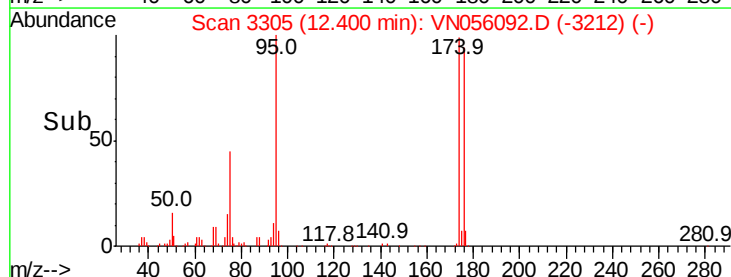
60000

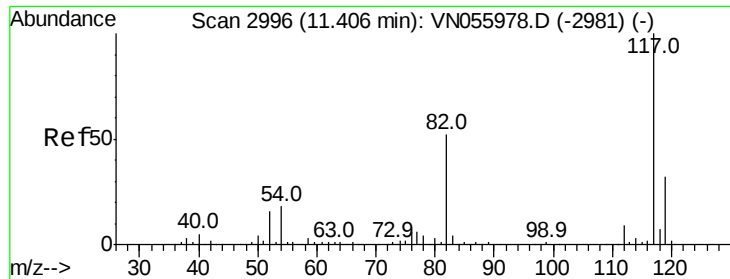
40000

20000

0

Time-->

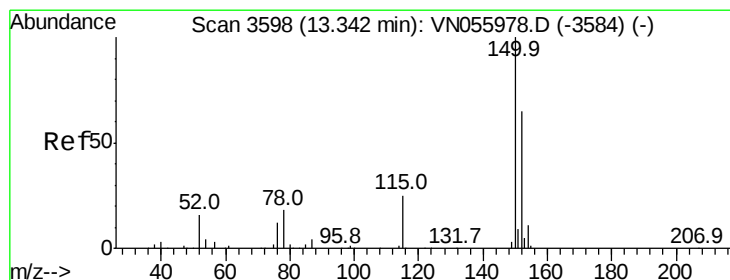
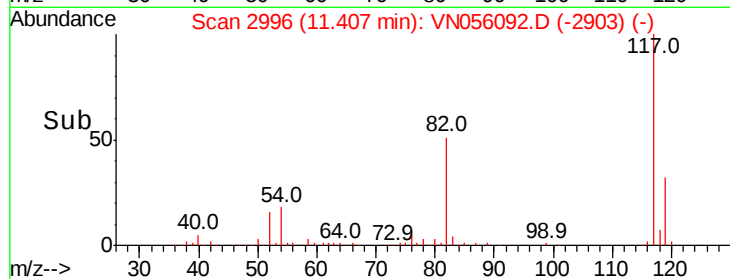
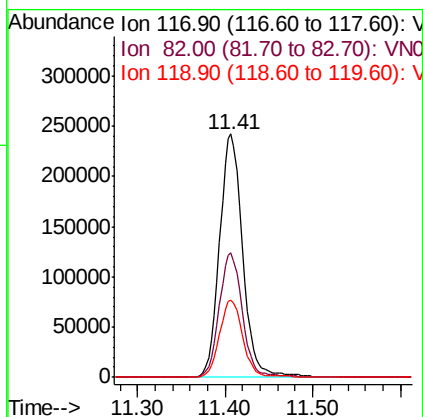
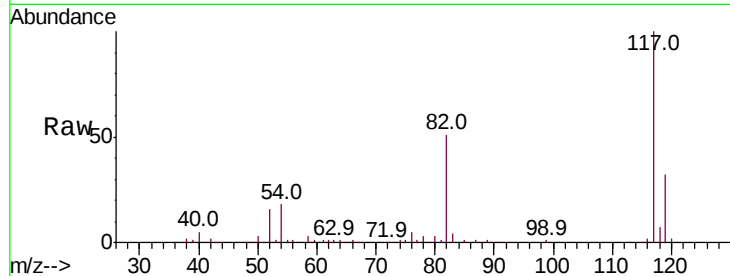




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056092.D
Acq: 7 Jun 2019 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL02

Tot Ion:117 Resp: 444464
Ion Ratio Lower Upper
117 100
82 50.9 41.8 62.8
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056092.D
Acq: 7 Jun 2019 11:59

Tgt Ion:152 Resp: 123566
Ion Ratio Lower Upper
152 100
115 52.9 27.0 81.0
150 156.9 0.0 343.2

