

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051700.D
 Acq On : 5 Oct 2018 21:11
 Operator : MD\SY
 Sample : J5084-11
 Misc : 5.89g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 B-2(13-13.5)

Quant Time: Oct 06 02:06:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	564477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	831225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	725538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	319408	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	341690	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
35) Dibromofluoromethane	7.59	113	311443	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	10.09	98	1163848	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.40	95	353047	41.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.20%	

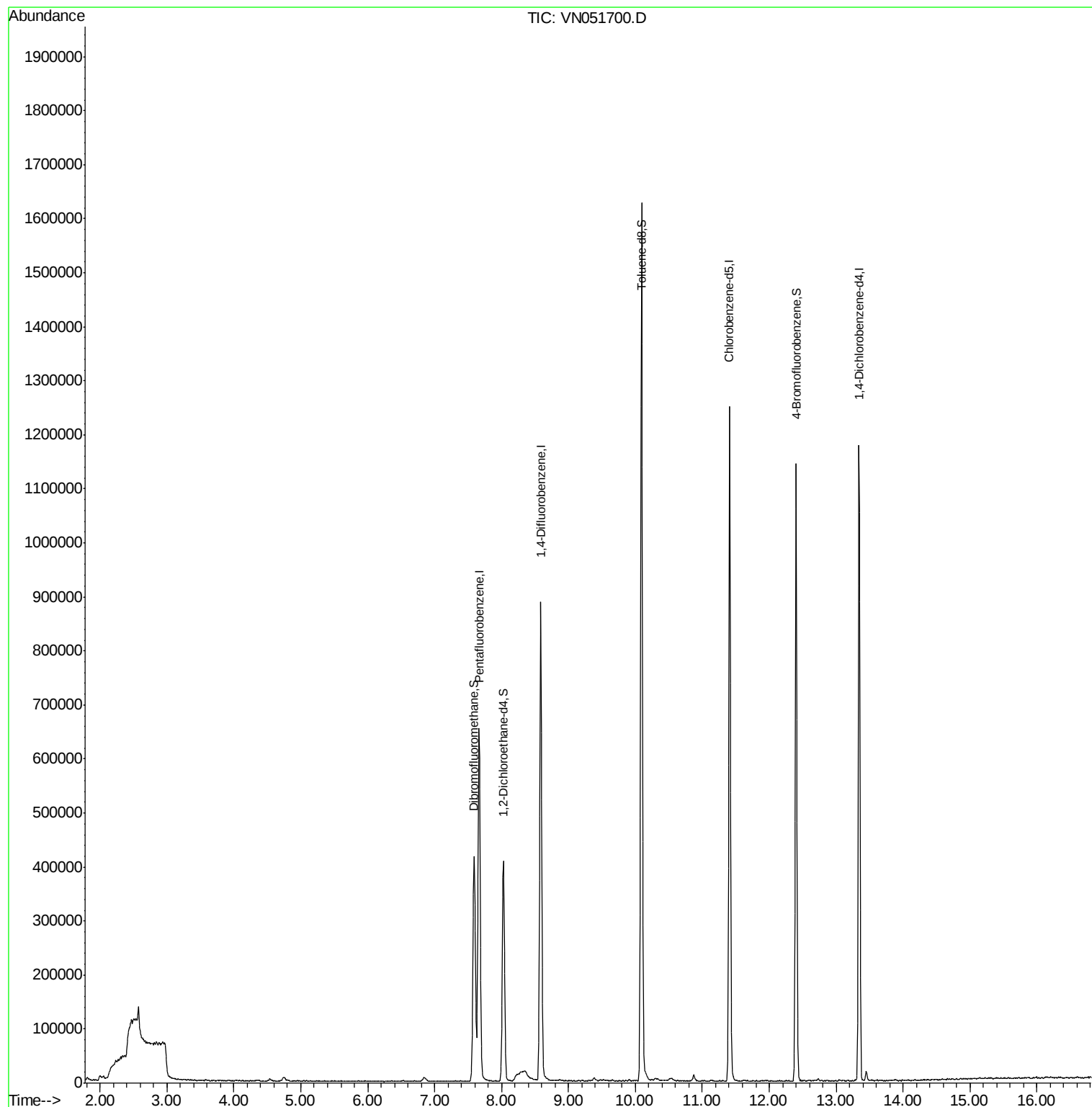
Target Compounds	Qvalue

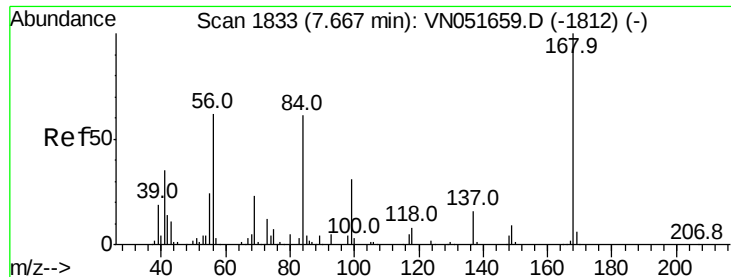
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051700.D

Acq: 5 Oct 2018 21:11

Instrument :

MSVOA_N

ClientSampled :

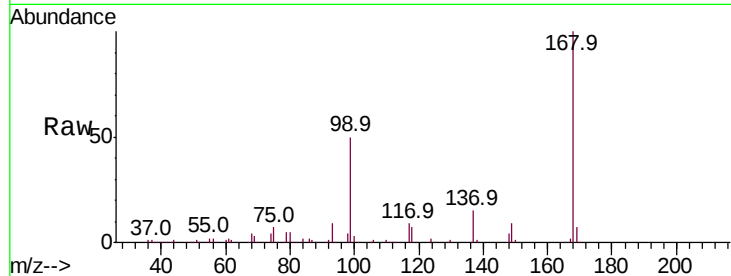
B-2(13-13.5)

Tot Ion:168 Resp: 564477

Ion Ratio Lower Upper

168 100

99 49.9 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

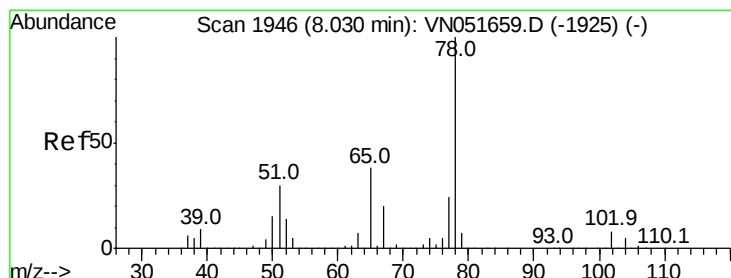
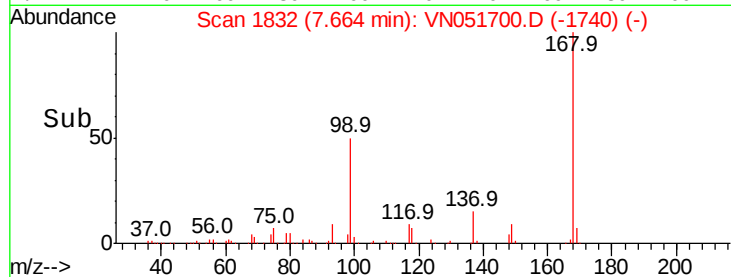
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051700.D

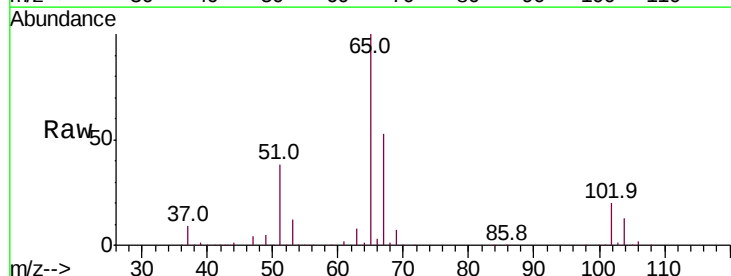
Acq: 5 Oct 2018 21:11

Tgt Ion: 65 Resp: 341690

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

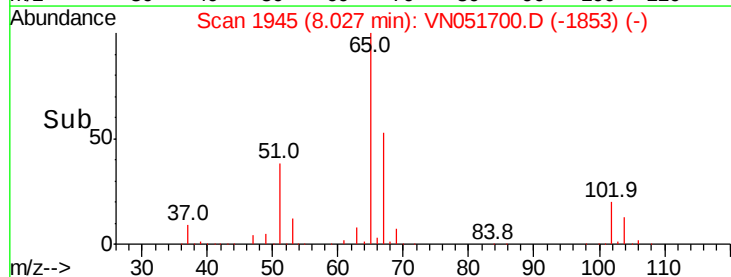
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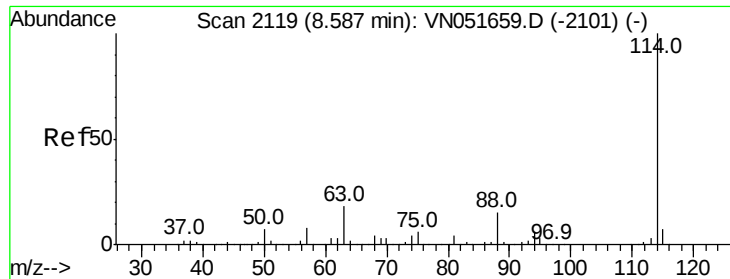
100000

50000

0

Time-->

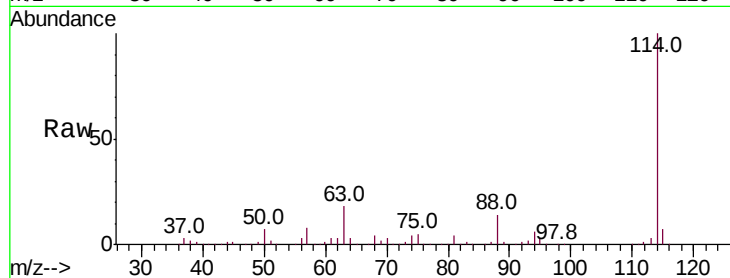




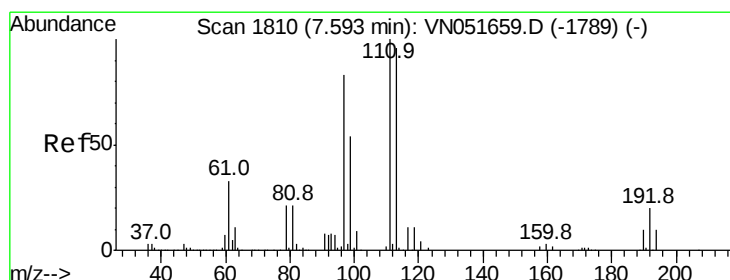
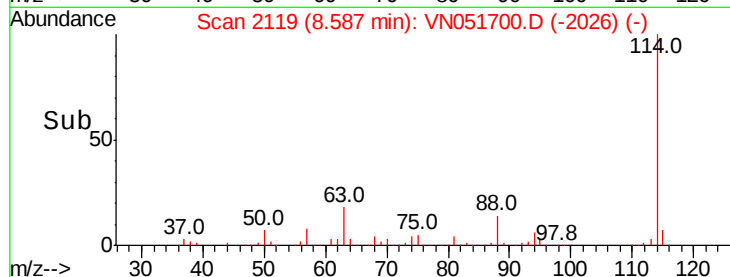
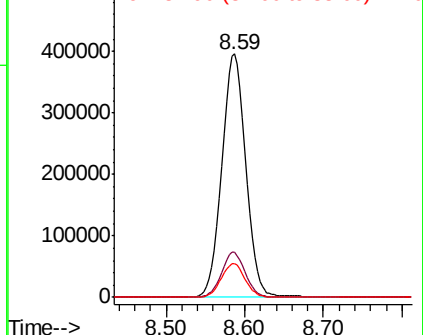
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051700.D
 Acq: 5 Oct 2018 21:11

Instrument :
 MSVOA_N
 ClientSampleId :
 B-2(13-13.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.2
88	14.0	0.0	30.2

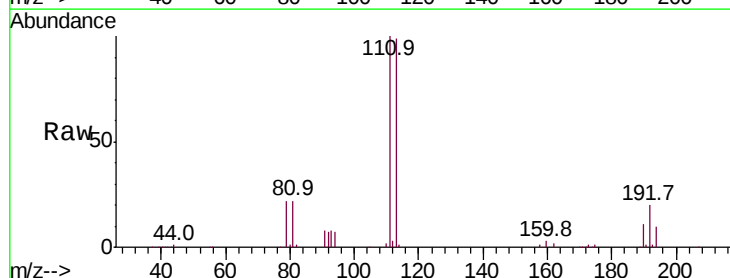


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

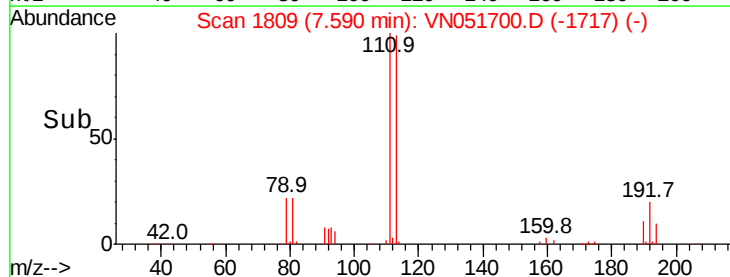
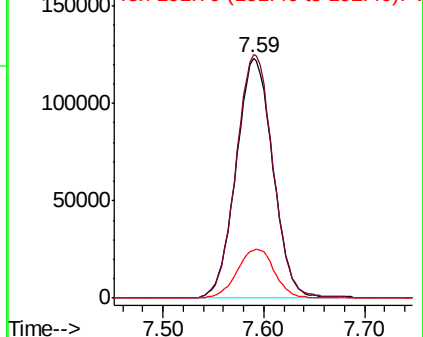


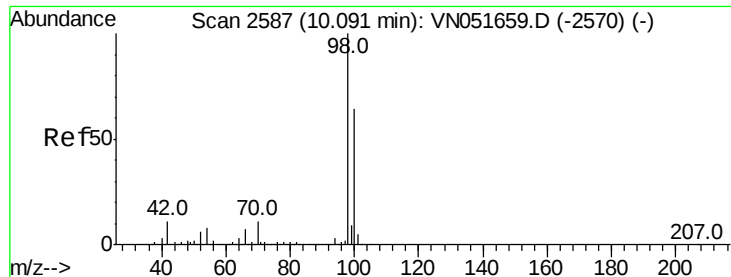
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051700.D
 Acq: 5 Oct 2018 21:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	20.8	16.5	24.7



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051700.D

Acq: 5 Oct 2018 21:11

Instrument :

MSVOA_N

ClientSampleId :

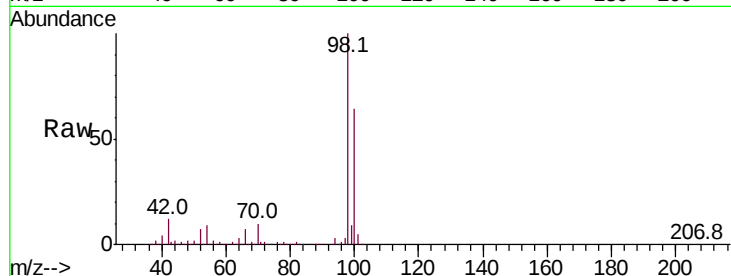
B-2(13-13.5)

Tot Ion: 98 Resp: 1163848

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051659.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051659.D (-2570) (-)

10.09

600000

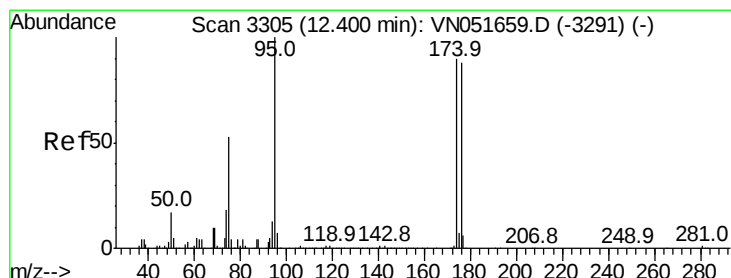
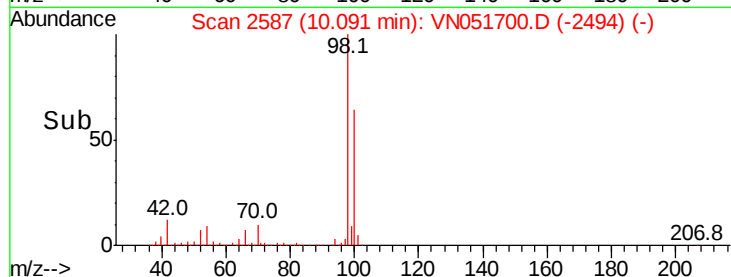
400000

200000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051700.D

Acq: 5 Oct 2018 21:11

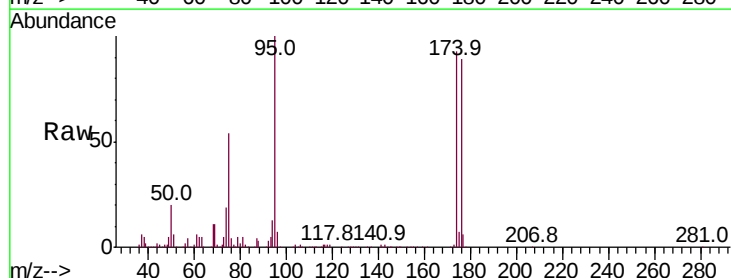
Tgt Ion: 95 Resp: 353047

Ion Ratio Lower Upper

95 100

174 93.3 0.0 182.8

176 90.2 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051659.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051659.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051659.D (-3291) (-)

12.40

250000

200000

150000

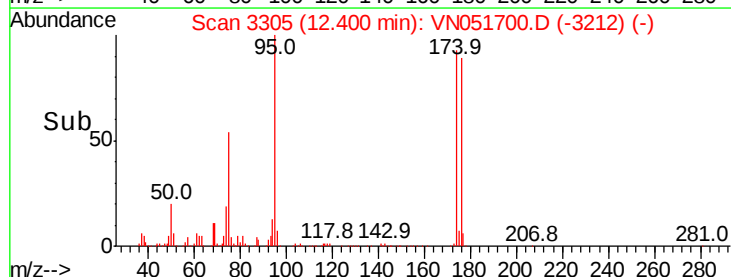
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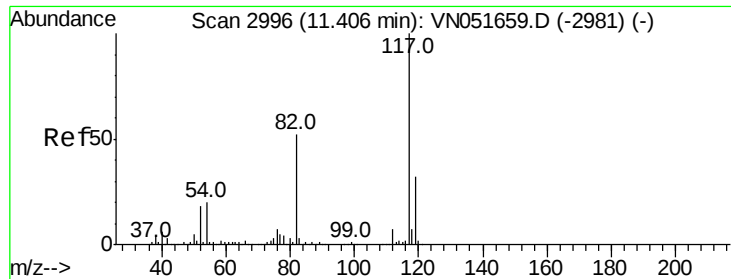
50000

0

12.35 12.40 12.45 12.50

Time-->

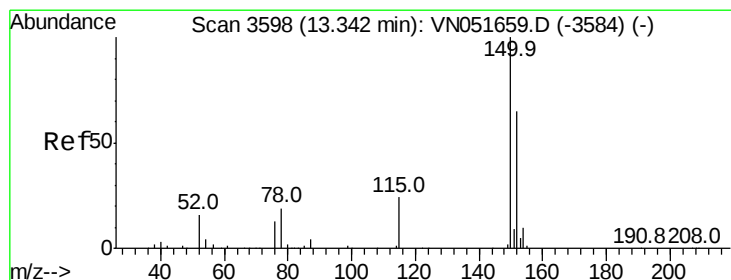
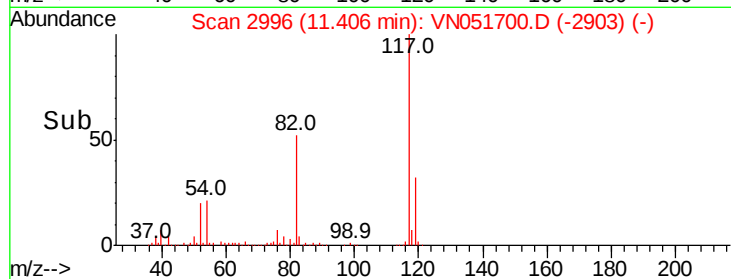
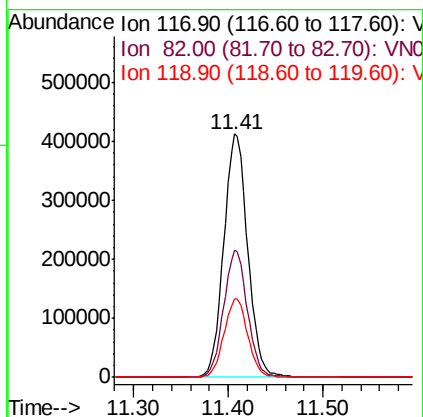
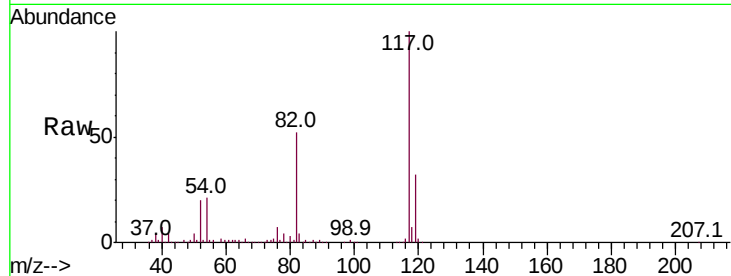




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051700.D
Acq: 5 Oct 2018 21:11

Instrument :
MSVOA_N
ClientSampled :
B-2(13-13.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.3	61.9
119	32.1	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051700.D
Acq: 5 Oct 2018 21:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.6	85.8
150	156.0	0.0	352.4

