

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053435.D
 Acq On : 17 Jan 2019 15:25
 Operator : JC/SP
 Sample : VN0117WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Quant Time: Jan 18 00:22:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	898035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1391924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1264322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	489976	50.00	ug/l	0.00

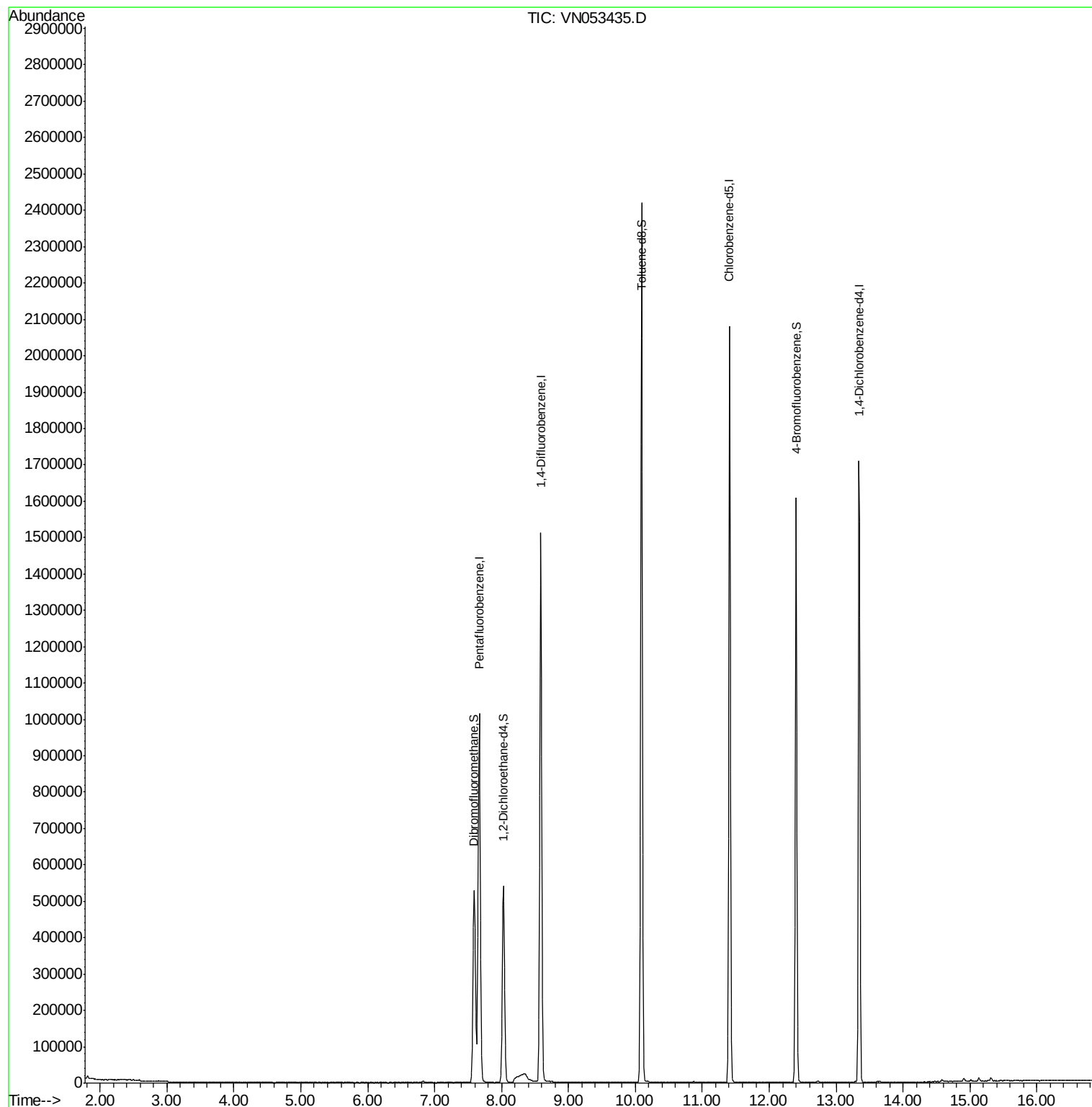
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444516	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.59	113	414751	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.09	98	1712109	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	549222	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	

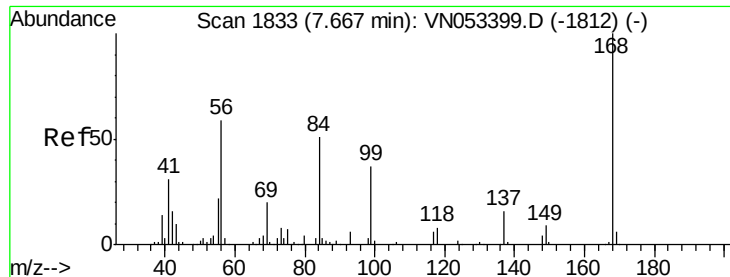
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053435.D

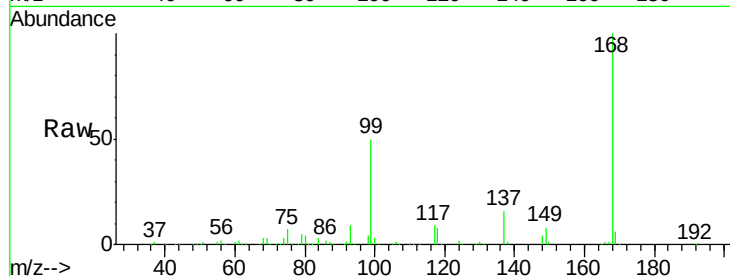
Acq: 17 Jan 2019 15:25

Tot Ion:168 Resp: 898035

Ion Ratio Lower Upper

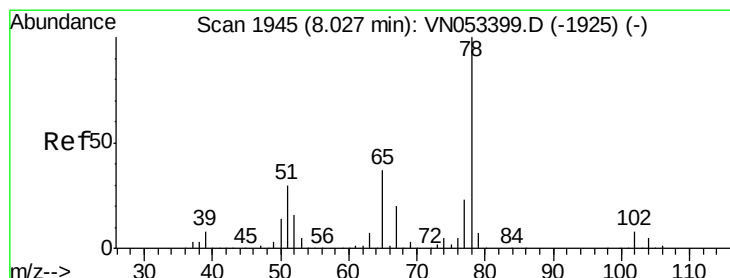
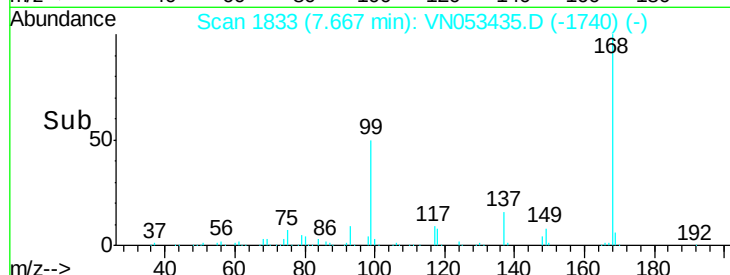
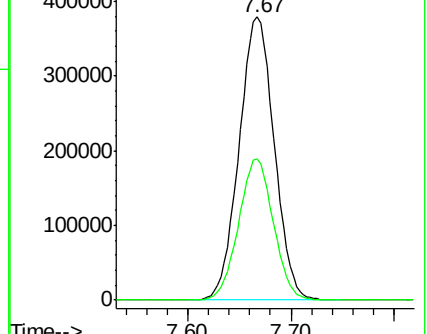
168 100

99 50.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053435.D

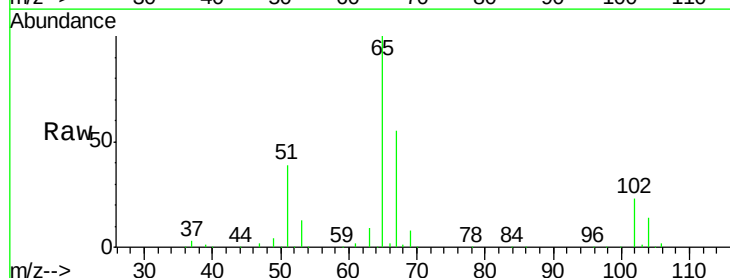
Acq: 17 Jan 2019 15:25

Tgt Ion: 65 Resp: 444516

Ion Ratio Lower Upper

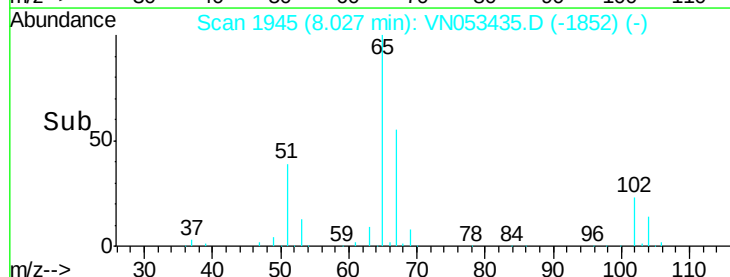
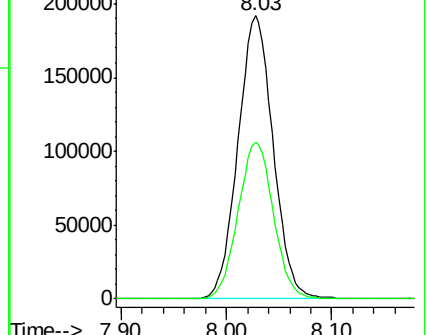
65 100

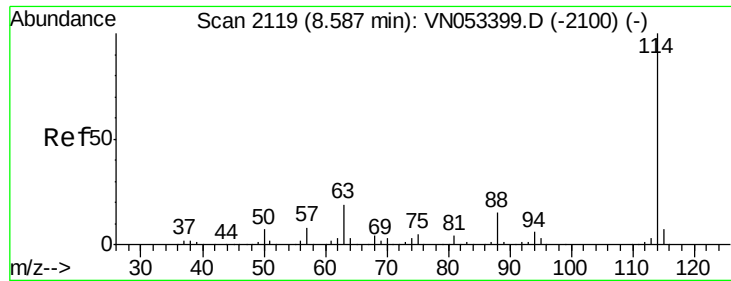
67 55.7 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

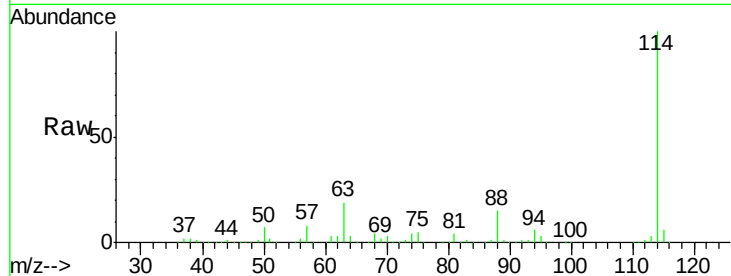




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053435.D
Acq: 17 Jan 2019 15:25

Tot Ion:114 Resp: 1391924

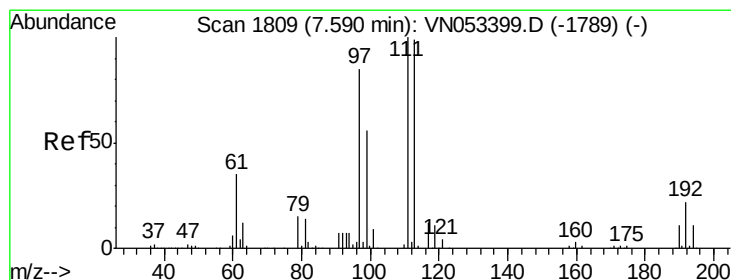
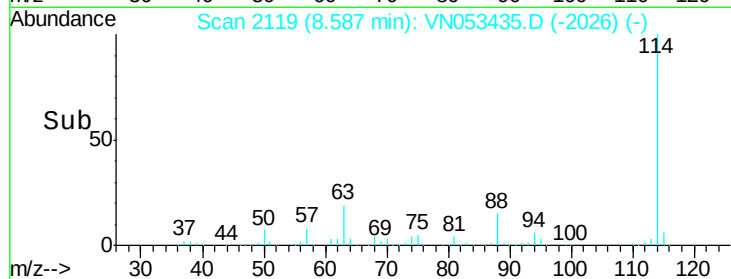
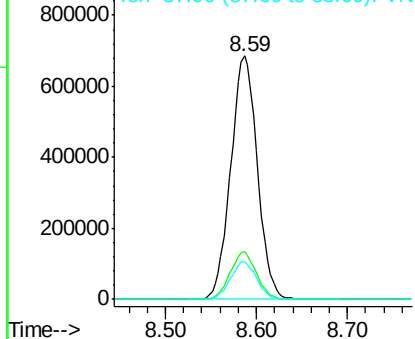
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	15.3	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

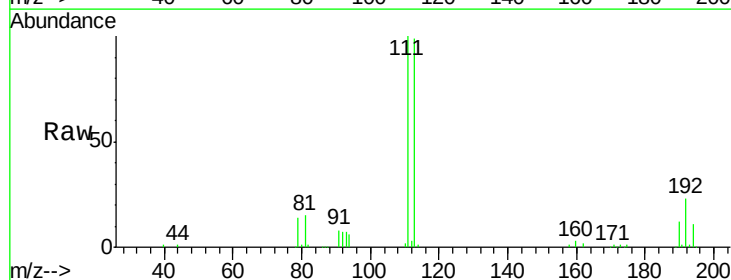
Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053435.D
Acq: 17 Jan 2019 15:25

Tgt Ion:113 Resp: 414751

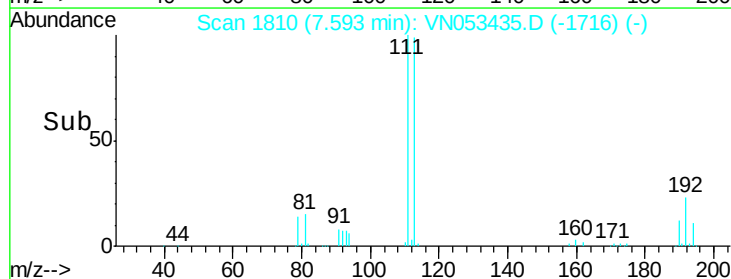
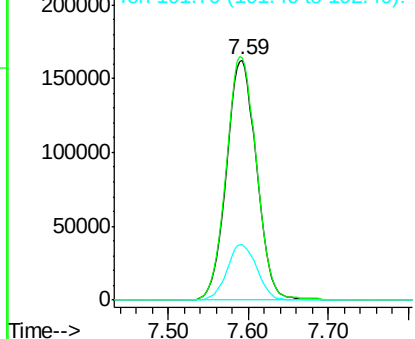
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	22.8	18.2	27.2

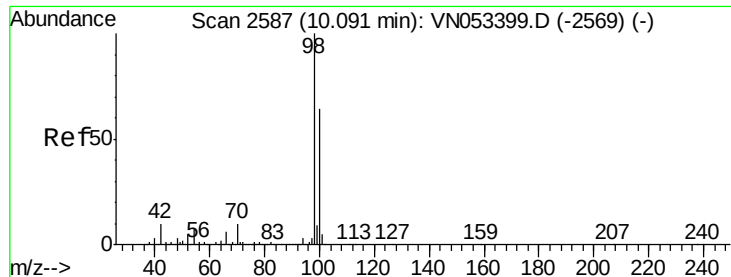


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN053435.D

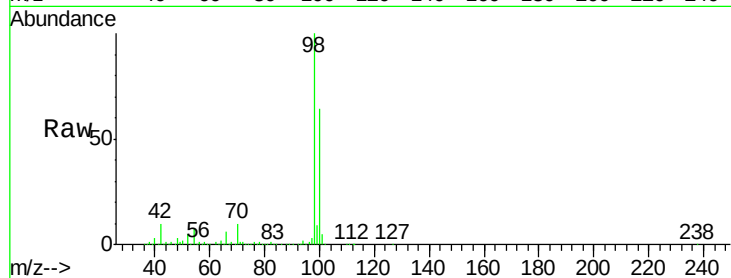
Acq: 17 Jan 2019 15:25

Tot Ion: 98 Resp: 1712109

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

600000

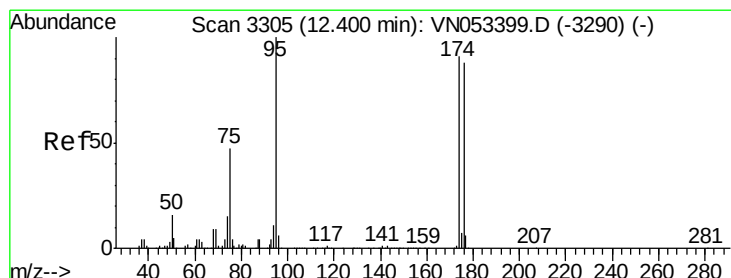
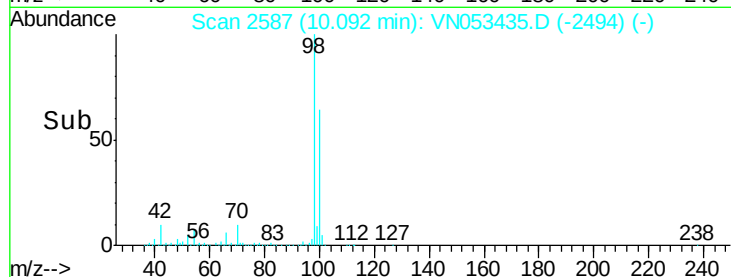
400000

200000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053435.D

Acq: 17 Jan 2019 15:25

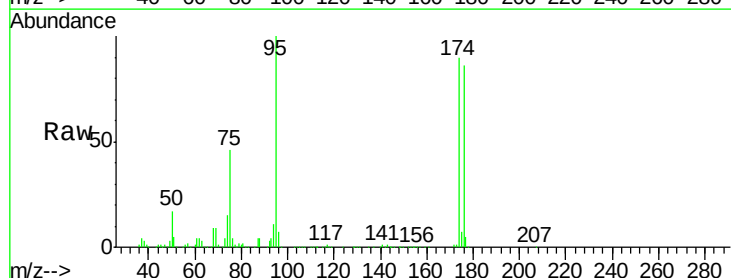
Tgt Ion: 95 Resp: 549222

Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.2

176 89.0 0.0 177.4



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

12.40

400000

300000

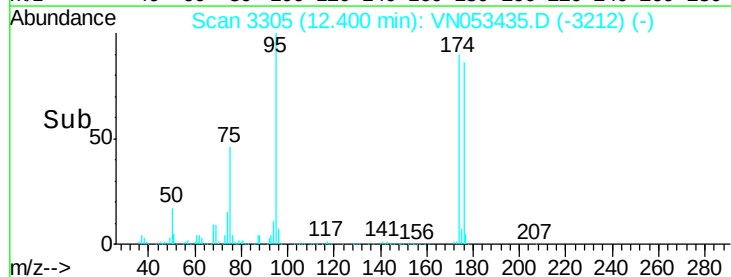
200000

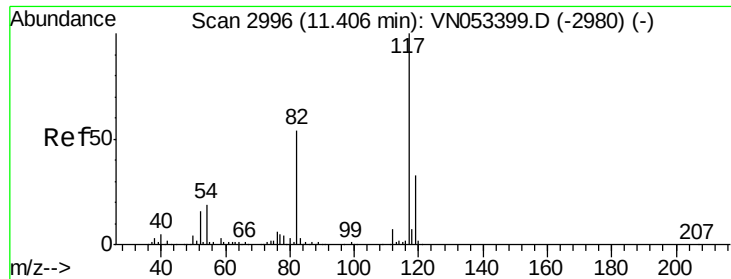
100000

0

Time-->

12.30 12.40 12.50

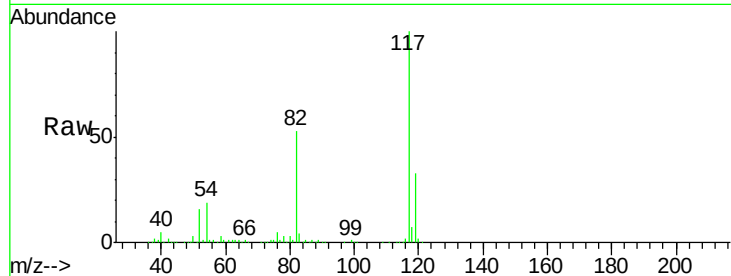




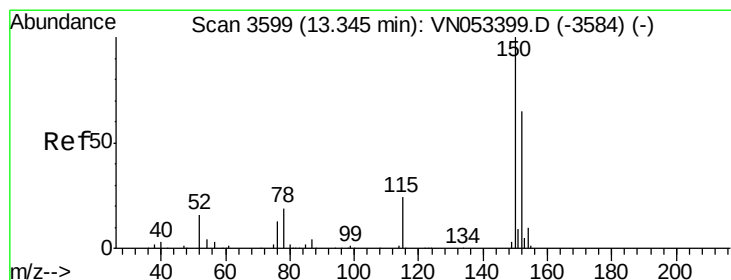
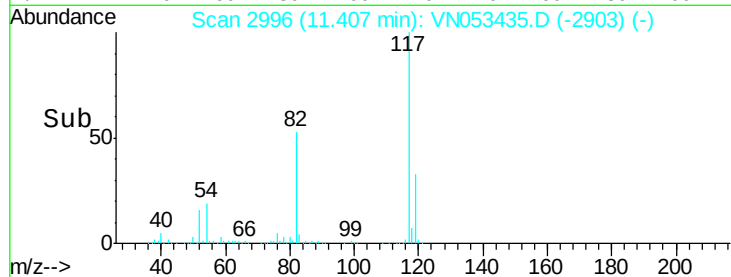
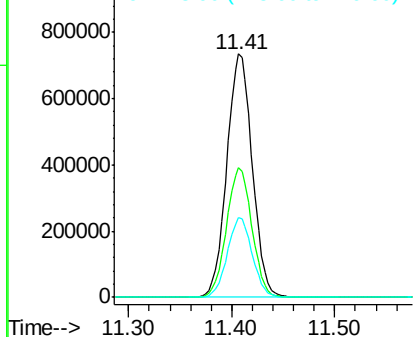
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053435.D
Acq: 17 Jan 2019 15:25

Tot Ion:117 Resp: 1264322

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.9	64.3
119	32.6	26.0	39.0



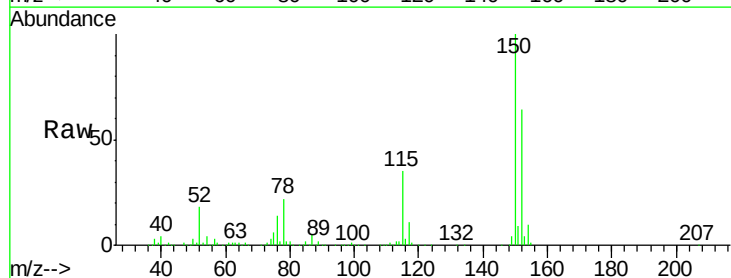
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053435.D
Acq: 17 Jan 2019 15:25

Tgt Ion:152 Resp: 489976

Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.8	83.4
150	157.2	0.0	349.0



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

