

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055679.D
 Acq On : 20 May 2019 17:17
 Operator : JC/SP
 Sample : K2894-02
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 20 17:39:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	357817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	508680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	432249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	178954	50.00	ug/l	0.00

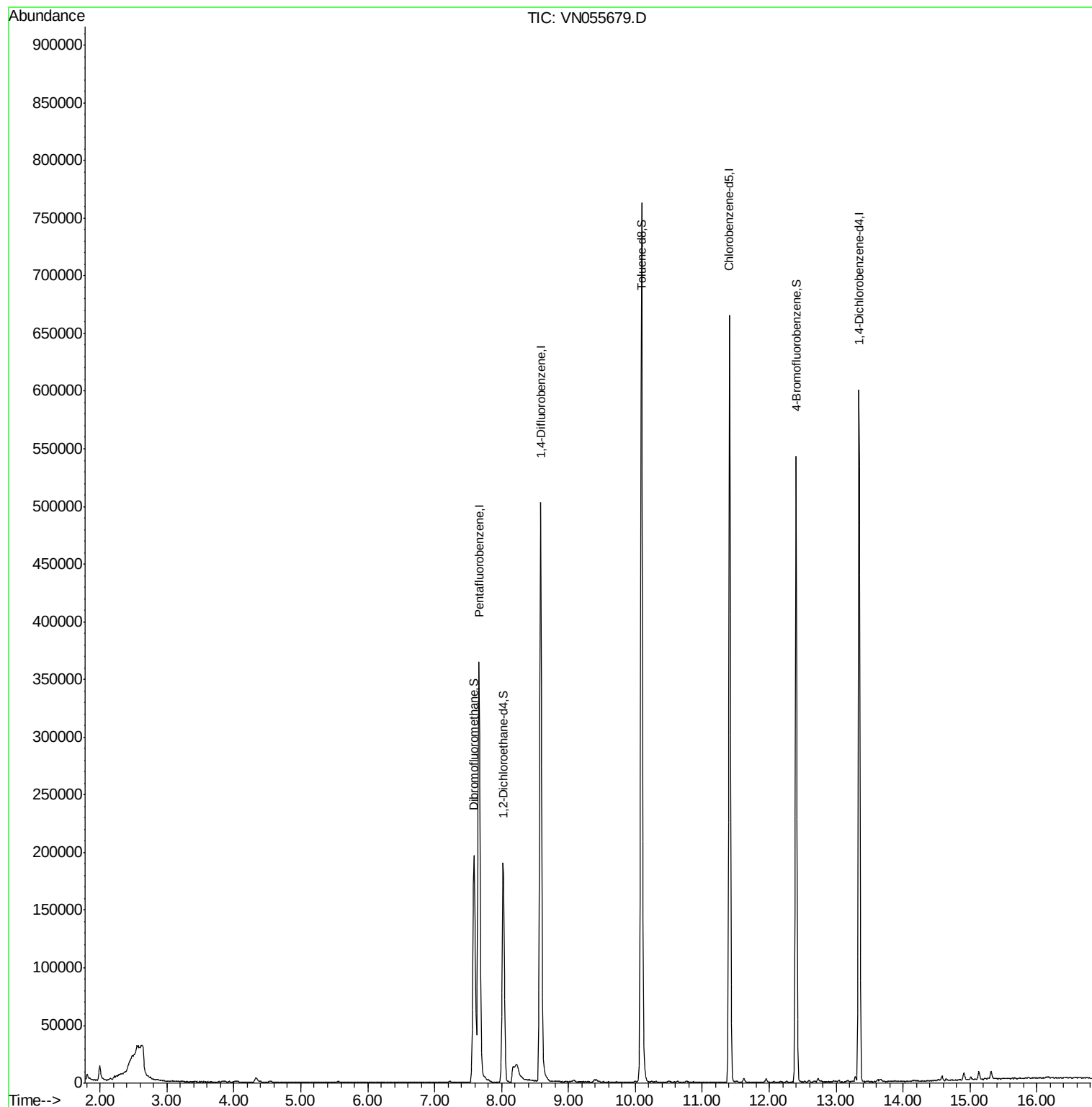
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	161770	41.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.48%	
35) Dibromofluoromethane	7.59	113	151698	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	10.09	98	580455	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	12.40	95	186535	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	

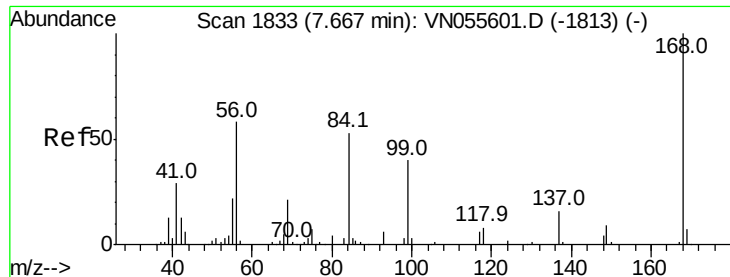
Target Compounds	Qvalue

(#) = 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# 1832

Delta R.T. -0.00 min

Lab File: VN055679.D

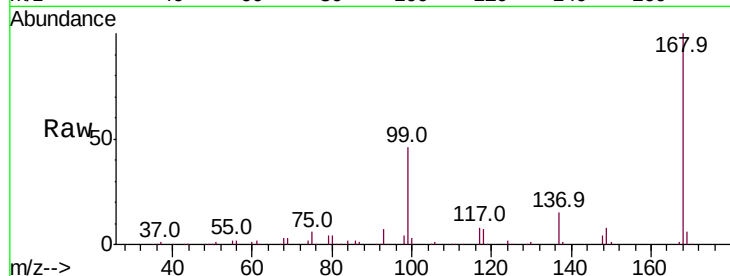
Acq: 20 May 2019 17:17

Tot Ion:168 Resp: 357817

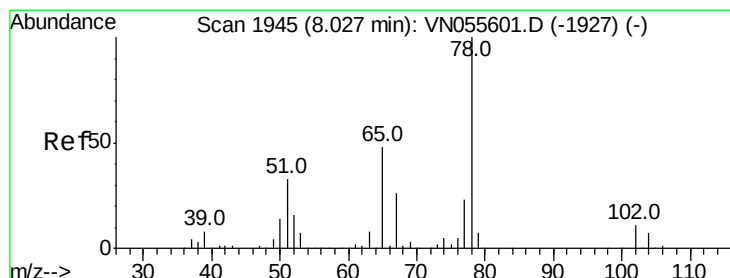
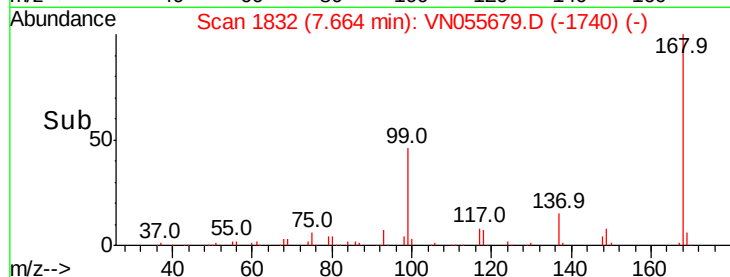
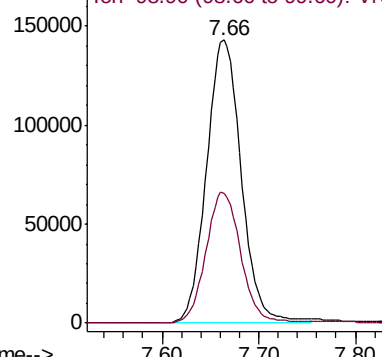
Ion Ratio Lower Upper

168 100

99 46.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055679.D (-1740) (-)



#33

1,2-Dichloroethane-d4

Concen: 41.243 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055679.D

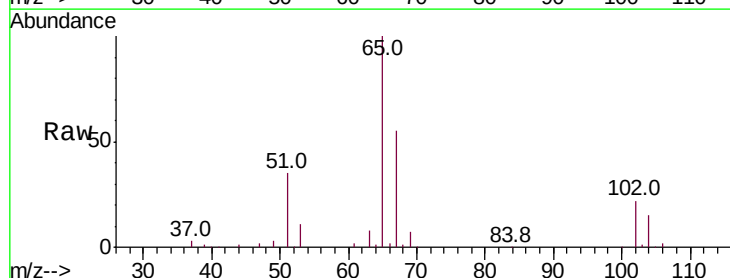
Acq: 20 May 2019 17:17

Tgt Ion: 65 Resp: 161770

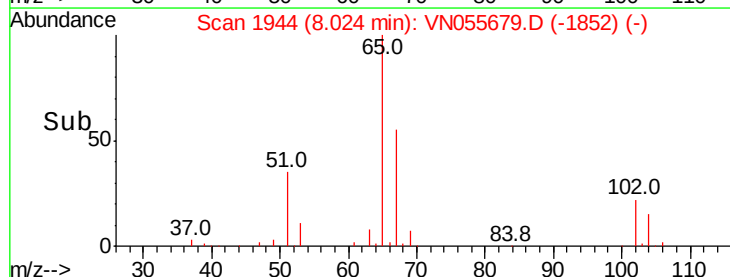
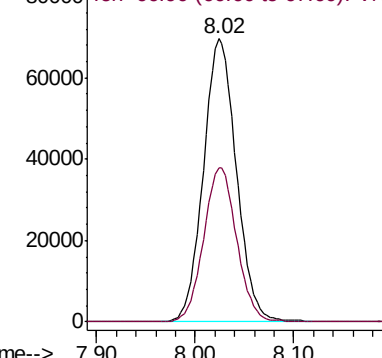
Ion Ratio Lower Upper

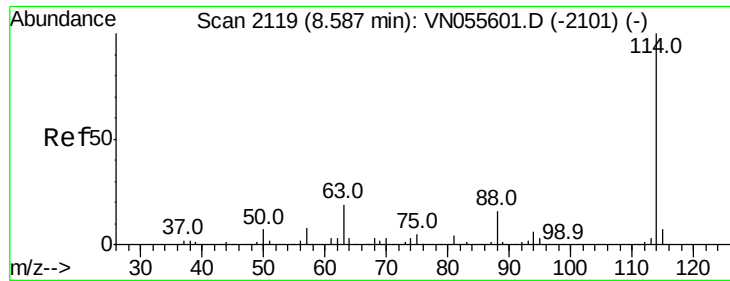
65 100

67 54.6 0.0 108.6



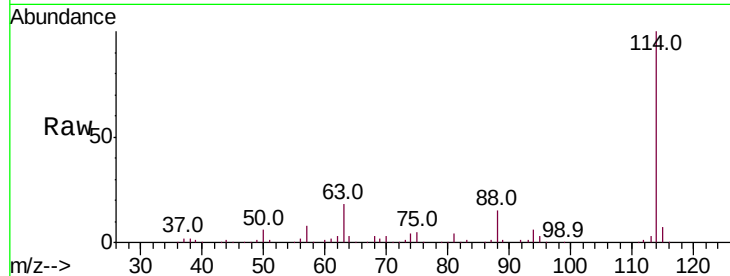
Abundance Ion 64.90 (64.60 to 65.60): VN055679.D (-1852) (-)



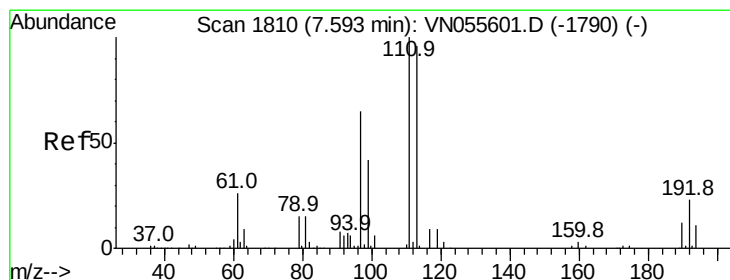
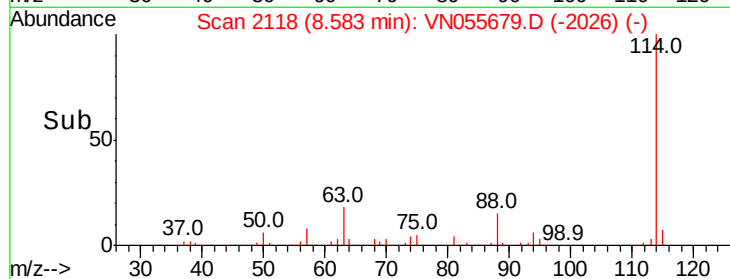
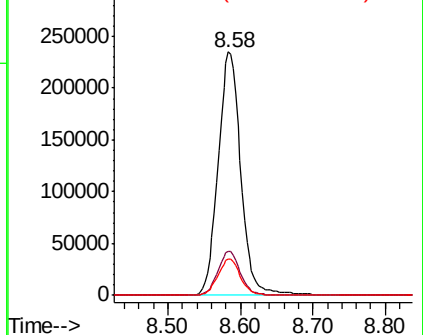


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055679.D
 Acq: 20 May 2019 17:17

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.2
88	15.1	0.0	31.0

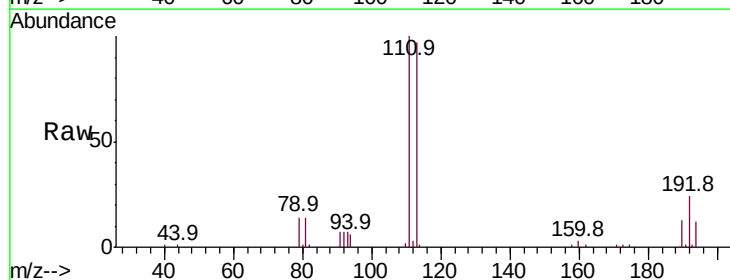


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

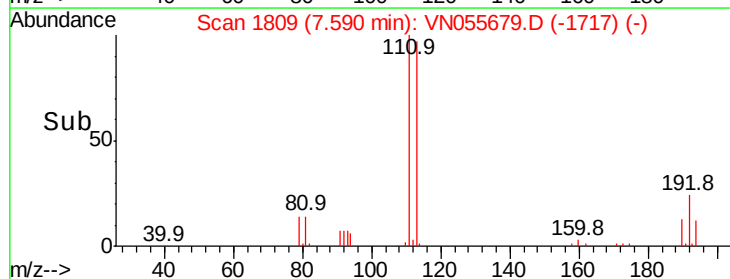
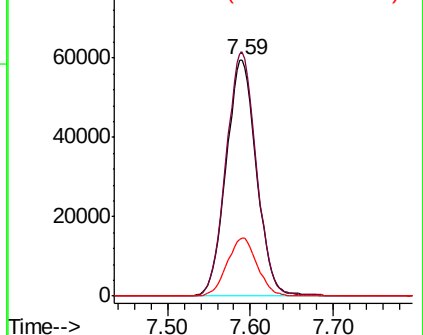


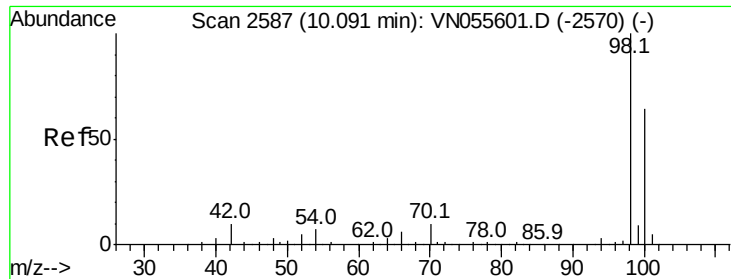
#35
 Dibromofluoromethane
 Concen: 46.946 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055679.D
 Acq: 20 May 2019 17:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.5	123.7
192	24.3	18.7	28.1



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: 47.507 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055679.D

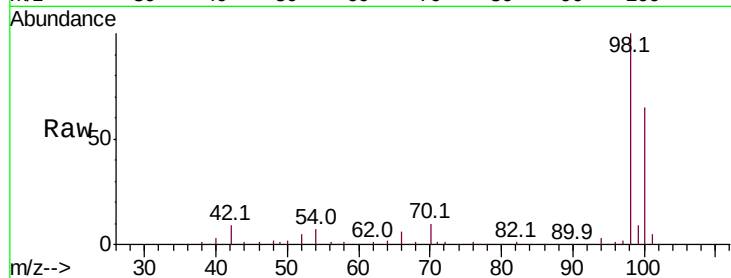
Acq: 20 May 2019 17:17

Tot Ion: 98 Resp: 580455

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

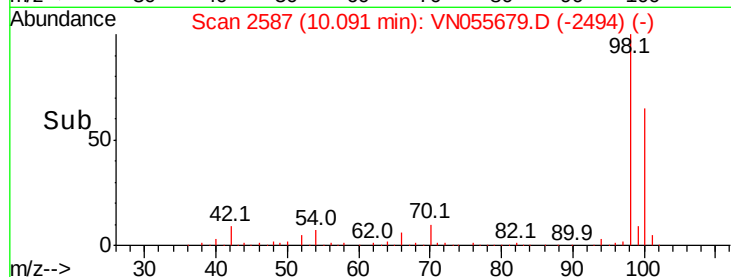
300000

200000

100000

0

Time-->



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

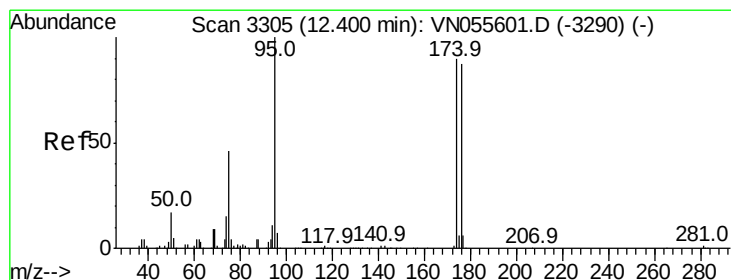
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.212 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055679.D

Acq: 20 May 2019 17:17

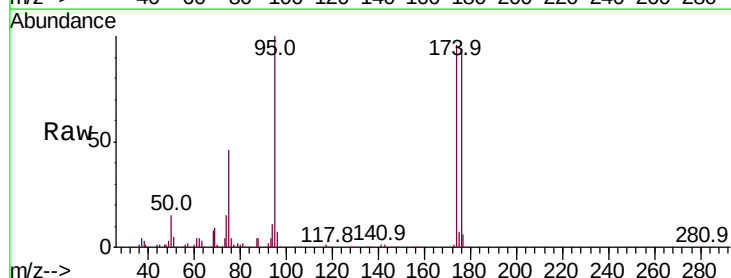
Tgt Ion: 95 Resp: 186535

Ion Ratio Lower Upper

95 100

174 96.4 0.0 180.6

176 93.9 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

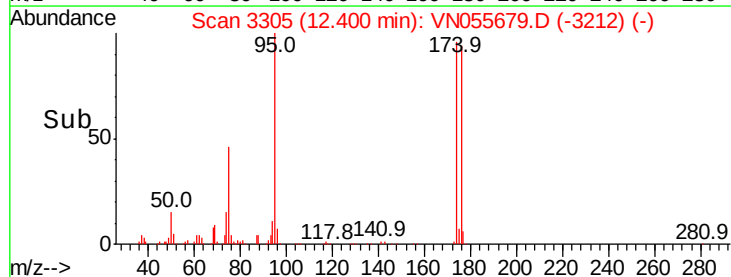
150000

100000

50000

0

Time-->



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

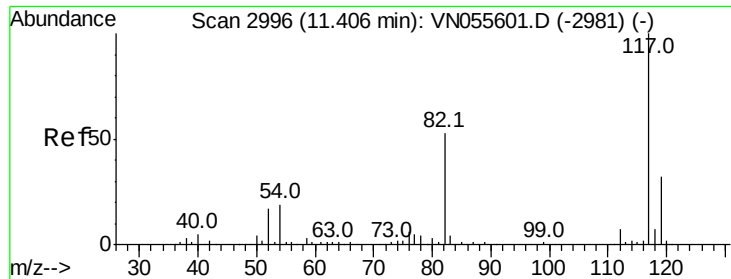
150000

100000

50000

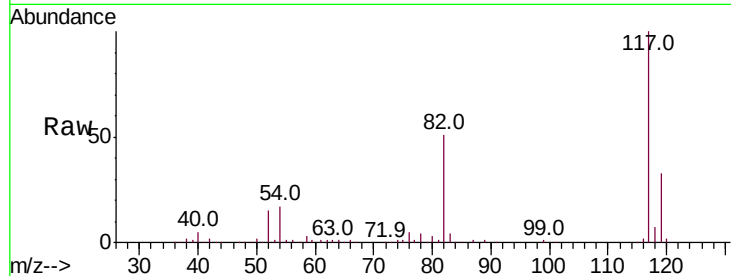
0

Time-->

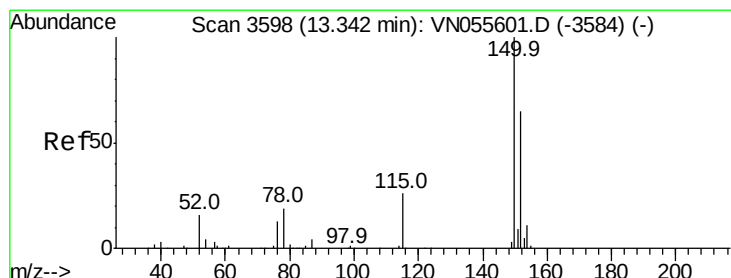
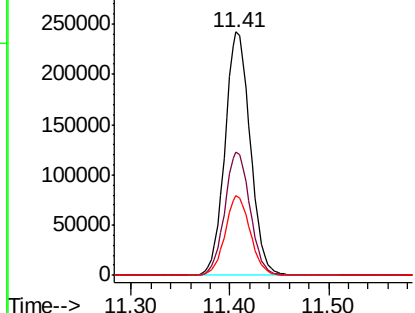
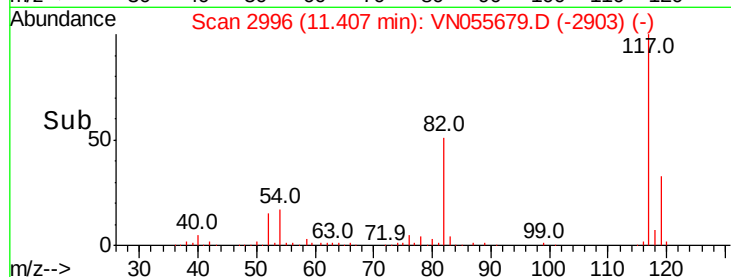


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN055679.D
 Acq: 20 May 2019 17:17

Tot Ion:117 Resp: 432249
 Ion Ratio Lower Upper
 117 100
 82 50.7 42.3 63.5
 119 32.5 25.4 38.2

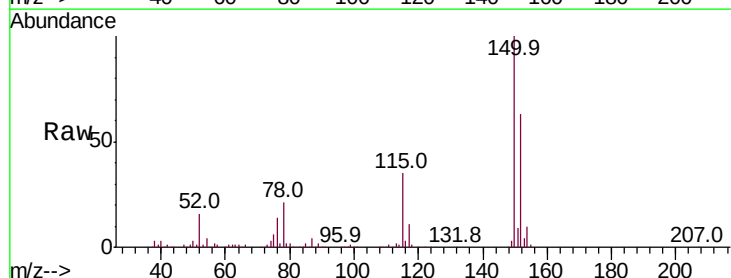


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055679.D
 Acq: 20 May 2019 17:17

Tgt Ion:152 Resp: 178954
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.1 84.2
 150 157.4 0.0 348.0



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

