

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056717.D
 Acq On : 15 Jul 2019 17:12
 Operator : JC/SP
 Sample : K3817-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW533-3439

Quant Time: Jul 16 09:06:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	281263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	494983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	514998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	200741	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	160566	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	7.59	113	147580	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	10.09	98	620698	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.40	95	228164	56.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.74%	

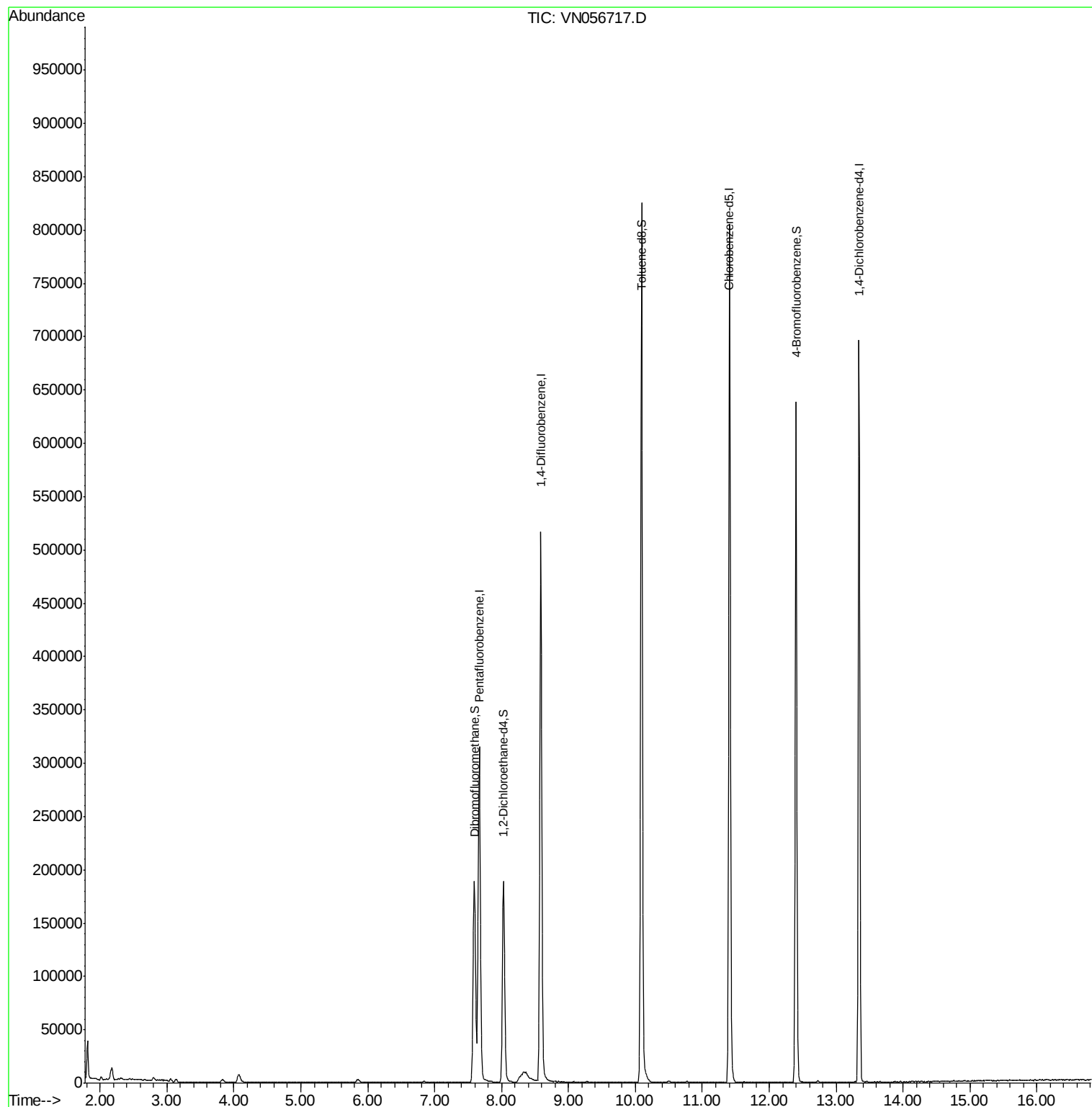
Target Compounds	Qvalue

(#) = 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: VN056717.D

Acq: 15 Jul 2019 17:12

Instrument :

MSVOA_N

ClientSampleId :

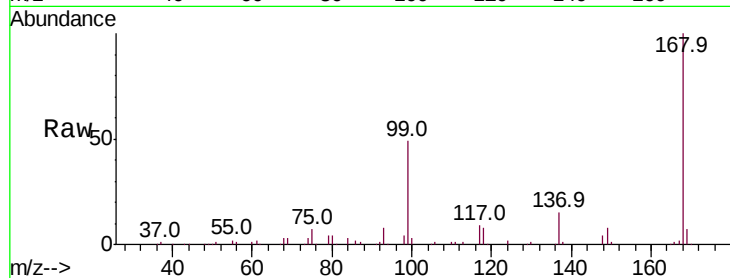
SA-TW533-3439

Tot Ion:168 Resp: 281263

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056717.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN056717.D (-1814) (-)

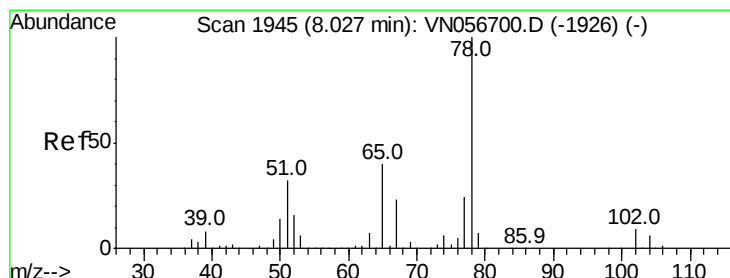
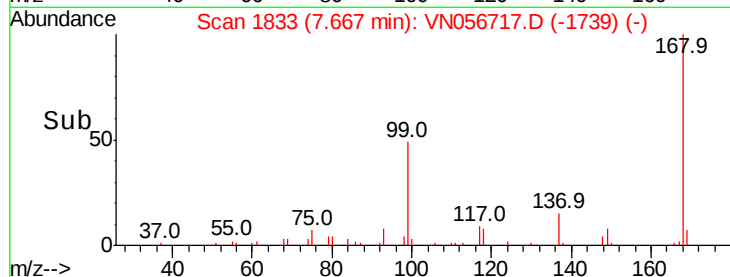
7.67

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#33

1,2-Dichloroethane-d4

Concen: 51.610 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056717.D

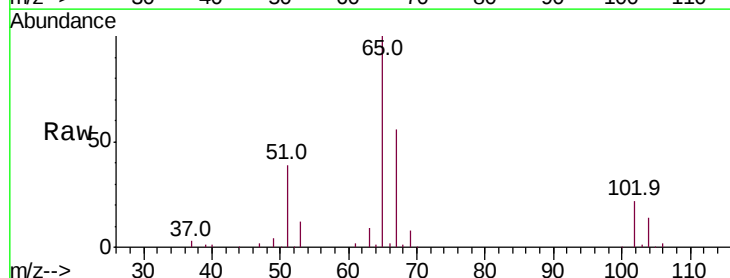
Acq: 15 Jul 2019 17:12

Tgt Ion: 65 Resp: 160566

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056717.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN056717.D (-1852) (-)

8.03

80000

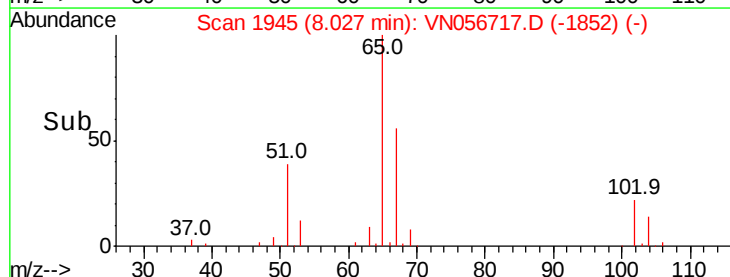
60000

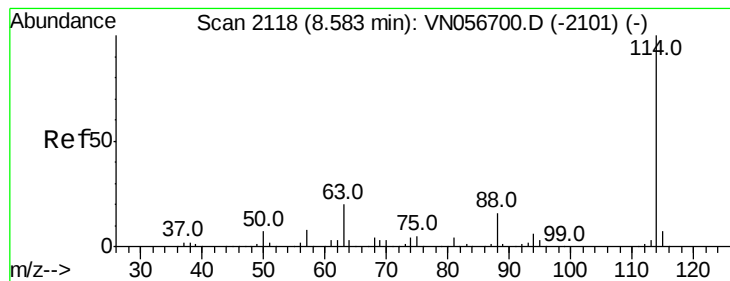
40000

20000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056717.D

Acq: 15 Jul 2019 17:12

Instrument :

MSVOA_N

ClientSampleId :

SA-TW533-3439

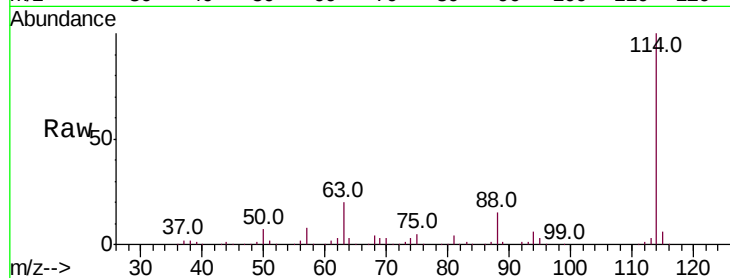
Tot Ion:114 Resp: 494983

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

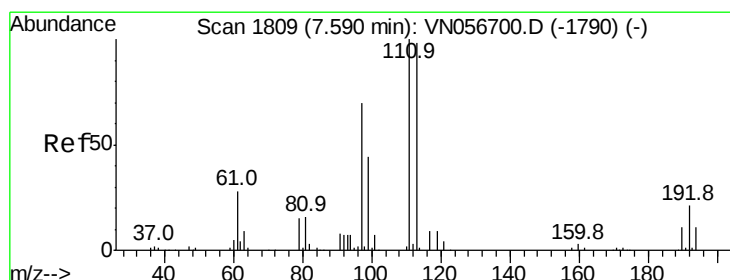
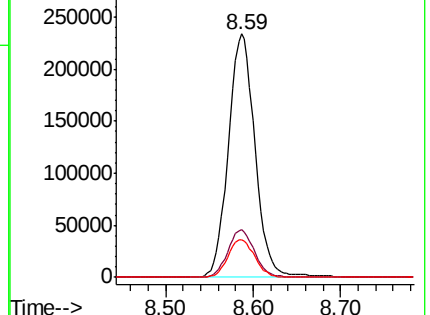
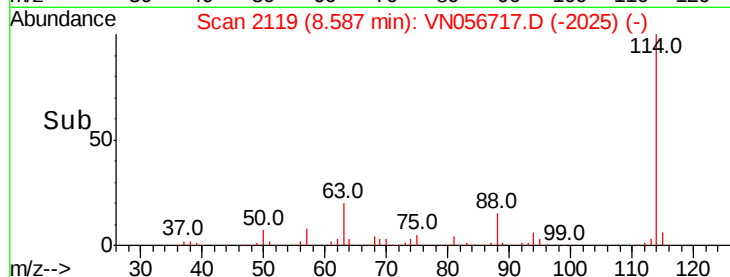
88 15.3 0.0 31.2



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: 47.910 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056717.D

Acq: 15 Jul 2019 17:12

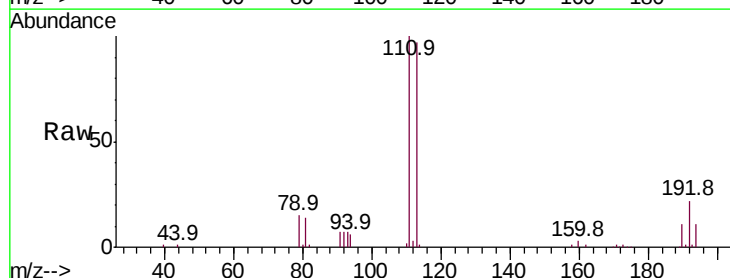
Tgt Ion:113 Resp: 147580

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.6

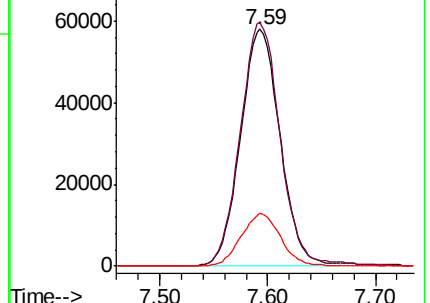
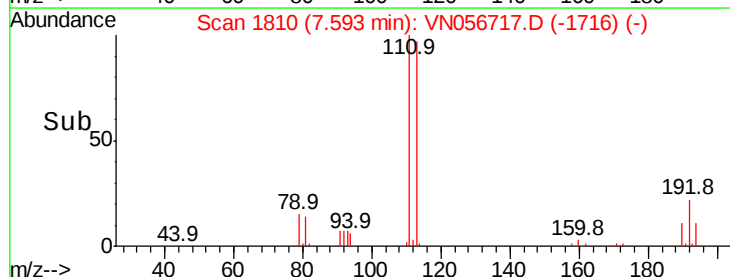
192 22.1 17.5 26.3

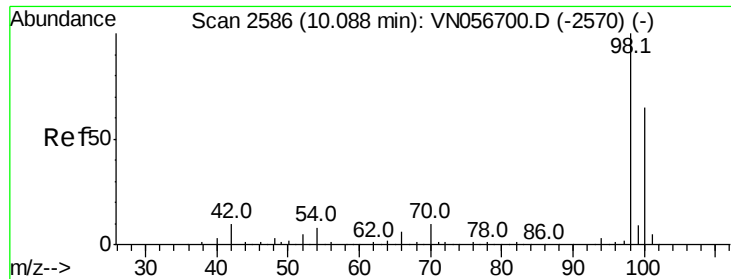


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.172 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056717.D

Acq: 15 Jul 2019 17:12

Instrument :

MSVOA_N

ClientSampleId :

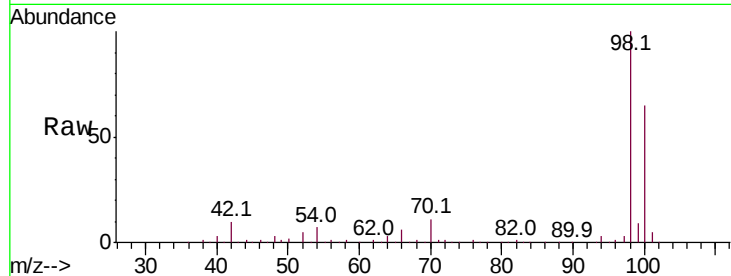
SA-TW533-3439

Tot Ion: 98 Resp: 620698

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

300000

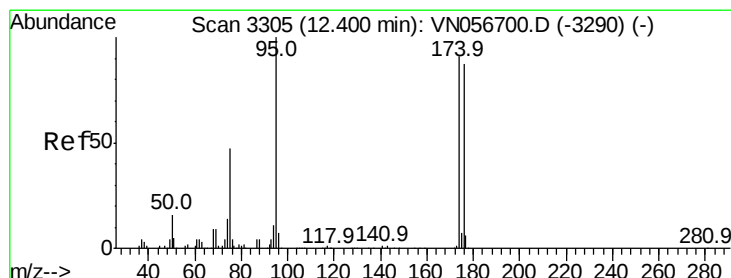
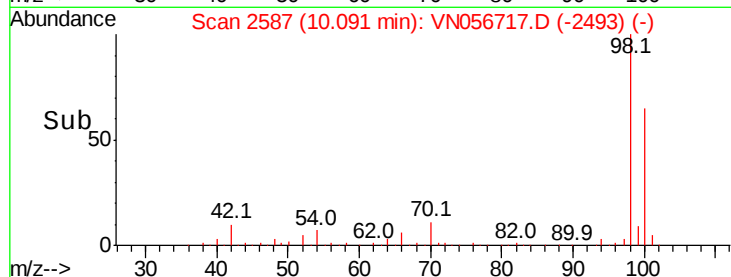
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 56.869 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056717.D

Acq: 15 Jul 2019 17:12

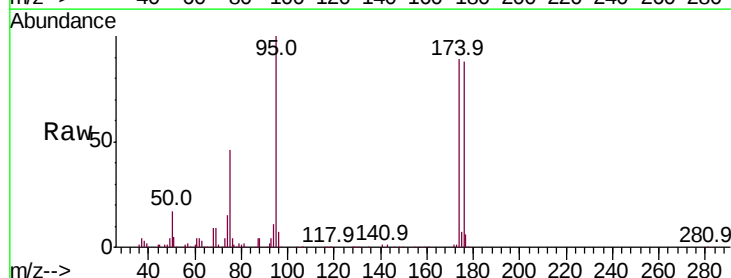
Tgt Ion: 95 Resp: 228164

Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.0

176 86.7 0.0 173.2



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

150000

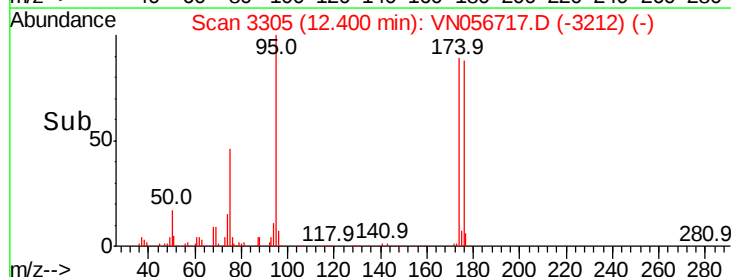
100000

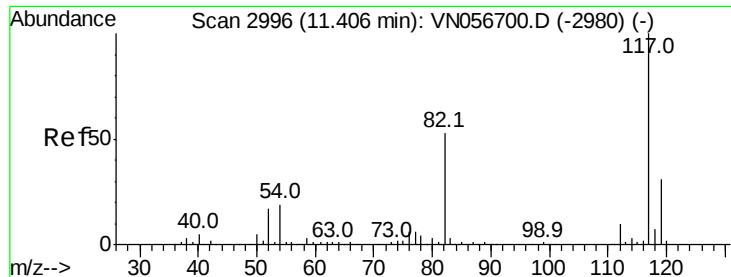
50000

0

Time-->

12.35 12.40 12.45 12.50

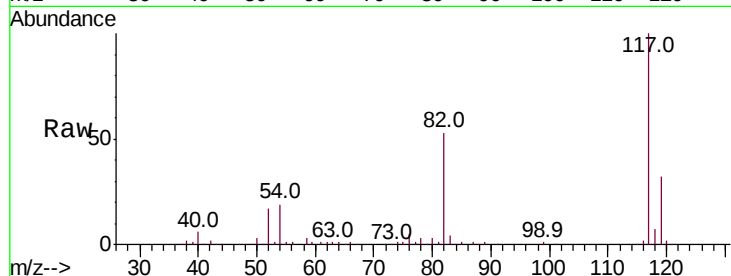




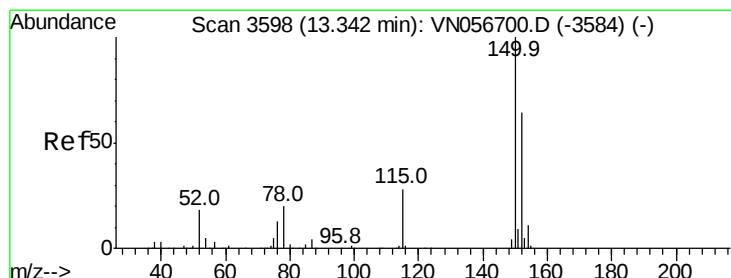
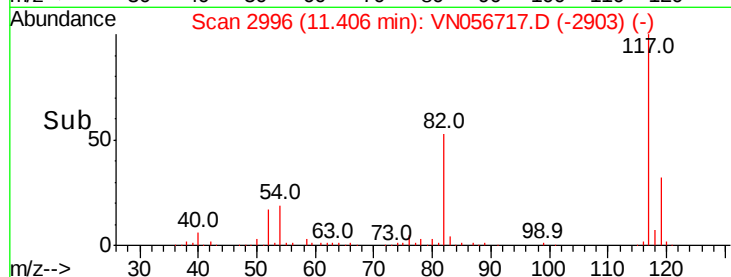
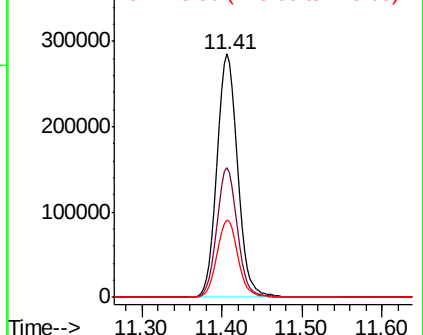
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056717.D
Acq: 15 Jul 2019 17:12

Instrument :
MSVOA_N
ClientSampleId :
SA-TW533-3439

Tot Ion:117 Resp: 514998
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 31.9 25.2 37.8

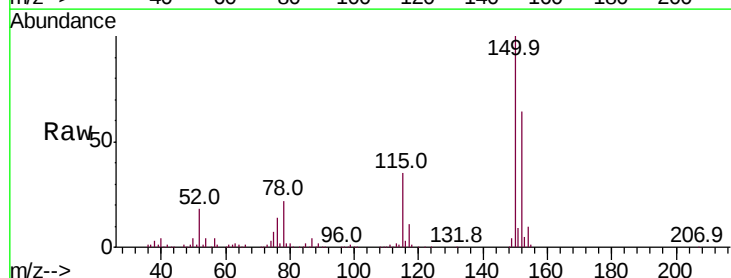


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056717.D
Acq: 15 Jul 2019 17:12

Tgt Ion:152 Resp: 200741
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 157.2 0.0 345.8



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

