

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054715.D
 Acq On : 27 Mar 2019 12:12
 Operator : JC/SP
 Sample : PB118299TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118299TB

Quant Time: Mar 28 06:59:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

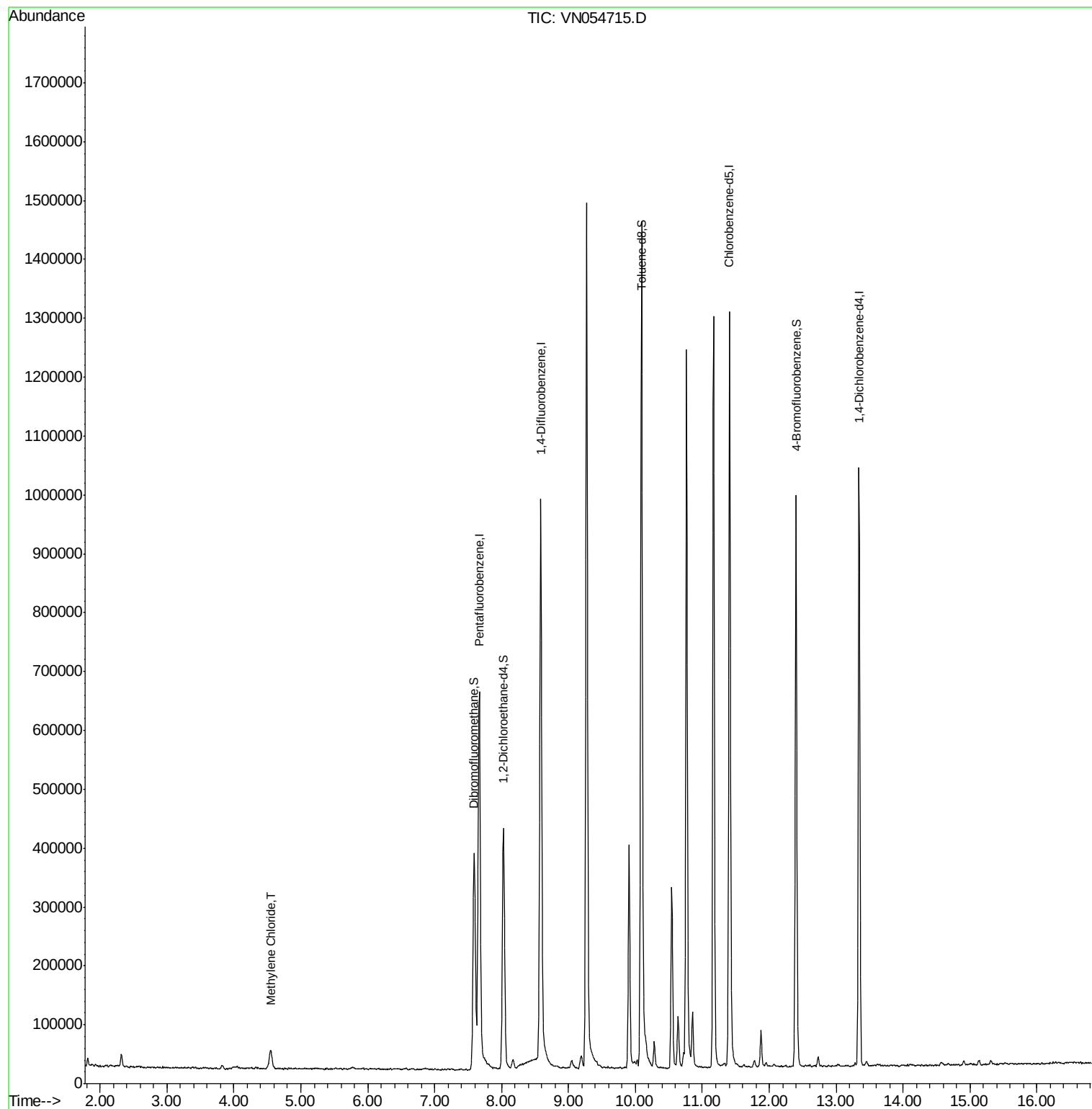
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	537702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	892023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	748199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	269367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	355761	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
35) Dibromofluoromethane	7.59	113	279863	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	10.09	98	1075066	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	328996	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
Target Compounds						
20) Methylene Chloride	4.55	84	21116	3.562	ug/l #	76

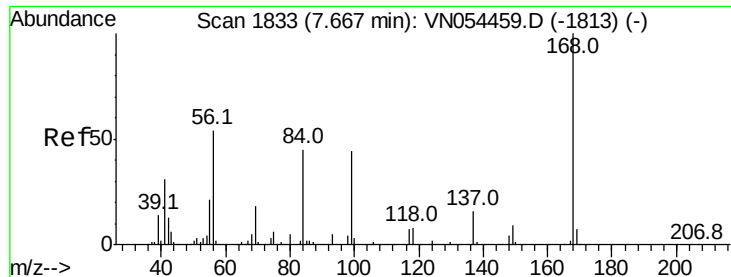
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

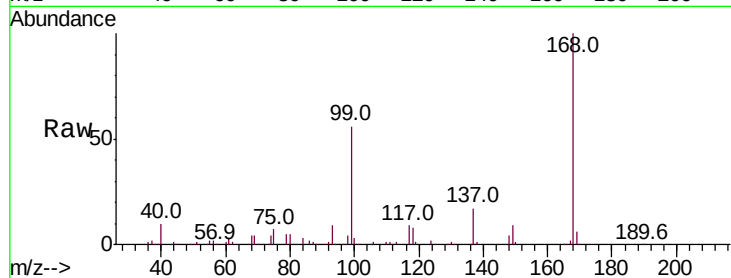
PB118299TB

Tot Ion:168 Resp: 537702

Ion Ratio Lower Upper

168 100

99 56.3 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

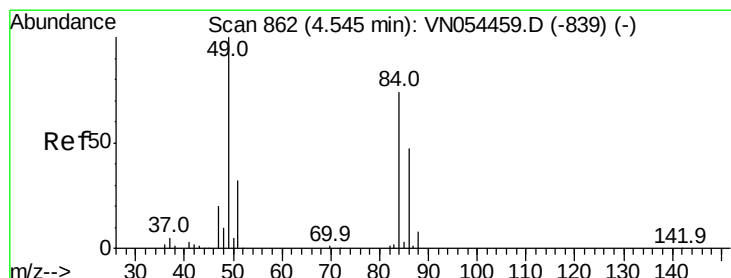
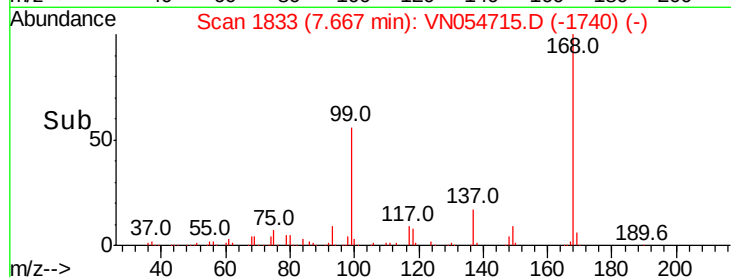
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 3.562 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.01 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Tgt Ion: 84 Resp: 21116

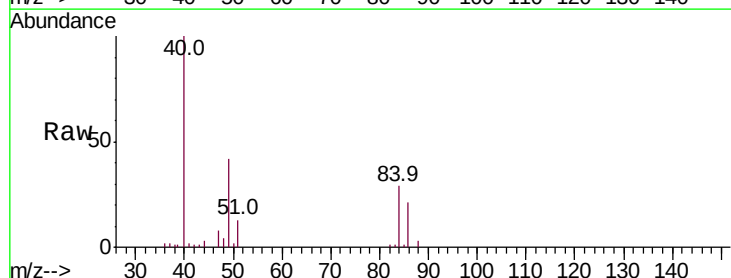
Ion Ratio Lower Upper

84 100

49 148.4 89.7 134.5#

51 44.3 28.2 42.4#

86 72.9 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

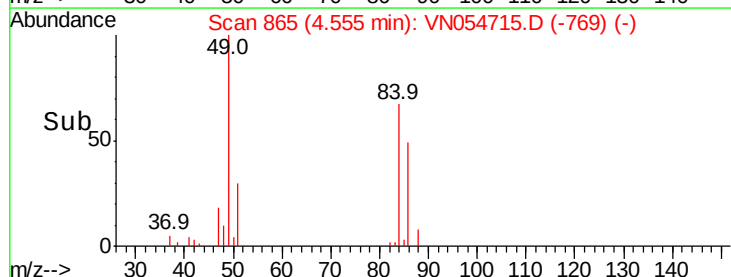
15000

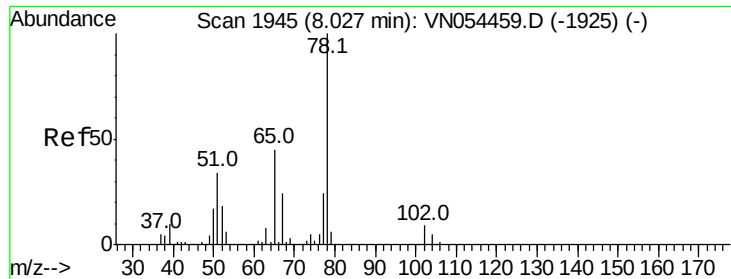
10000

5000

0

Time--> 4.50 4.55 4.60

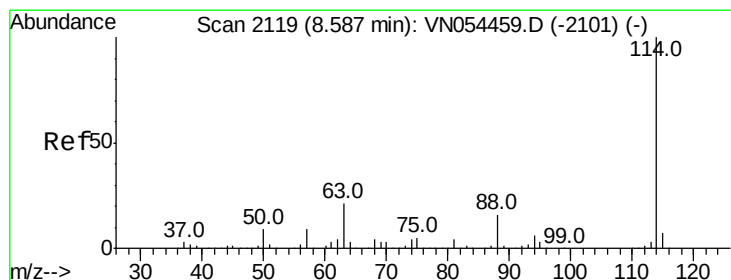
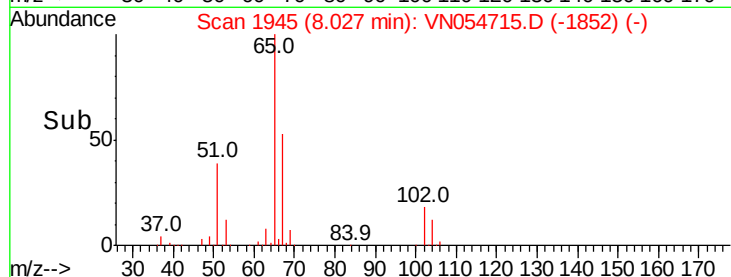
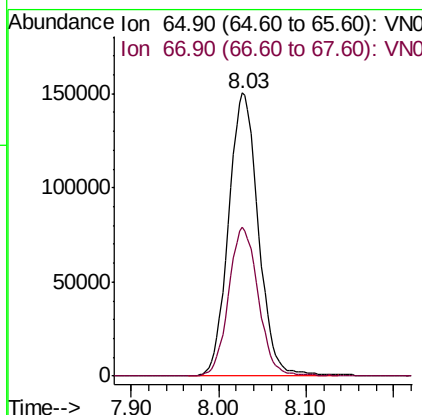
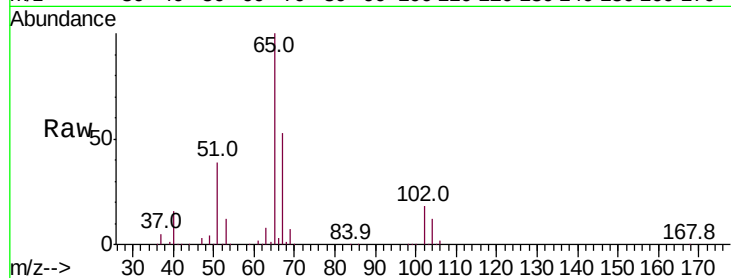




#33
 1,2-Dichloroethane-d4
 Concen: 53.193 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054715.D
 Acq: 27 Mar 2019 12:12

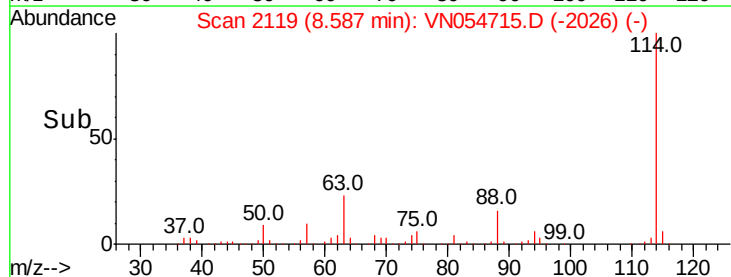
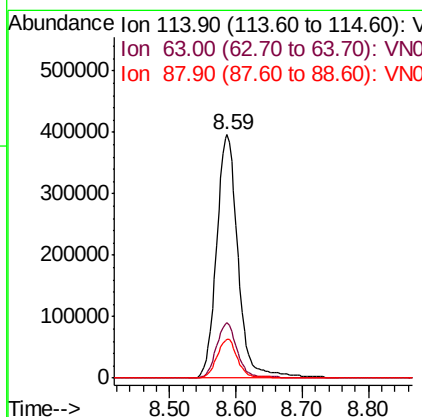
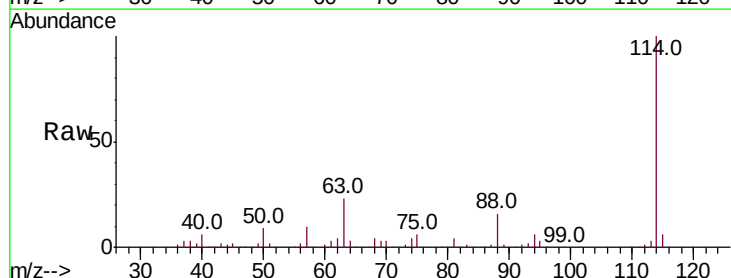
Instrument :
 MSVOA_N
 ClientSampleId :
 PB118299TB

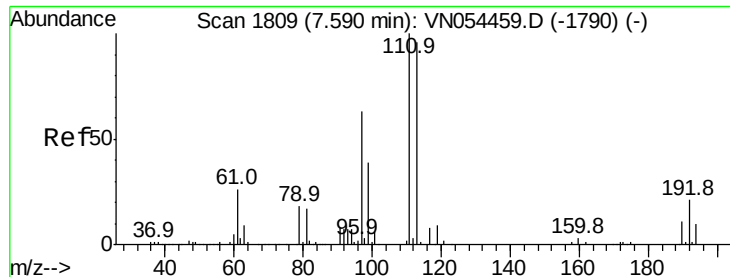
Tot Ion: 65 Resp: 355761
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054715.D
 Acq: 27 Mar 2019 12:12

Tgt Ion: 114 Resp: 892023
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 35.2
 88 16.2 0.0 30.2

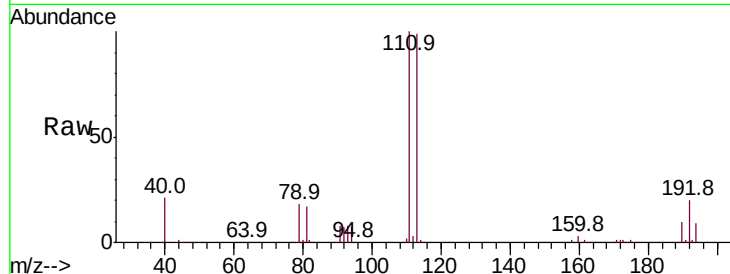




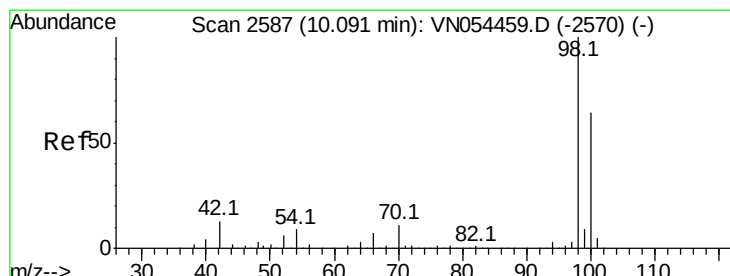
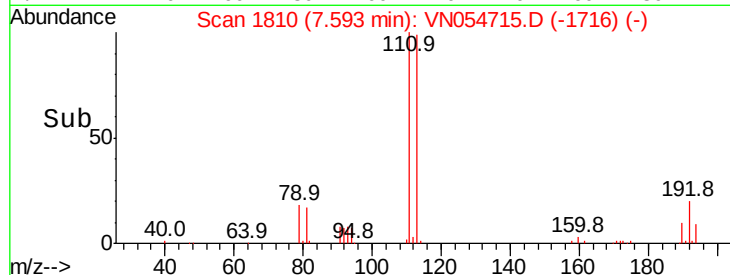
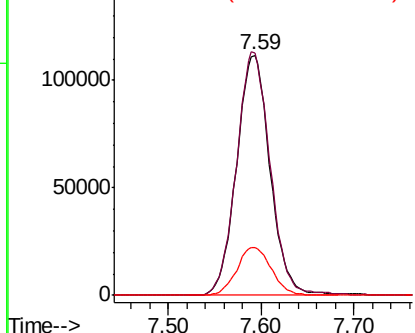
#35
 Dibromofluoromethane
 Concen: 48.699 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054715.D
 Acq: 27 Mar 2019 12:12

Instrument :
 MSVOA_N
 ClientSampled :
 PB118299TB

Tot Ion:113 Resp: 279863
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.4
 192 20.7 19.2 28.8

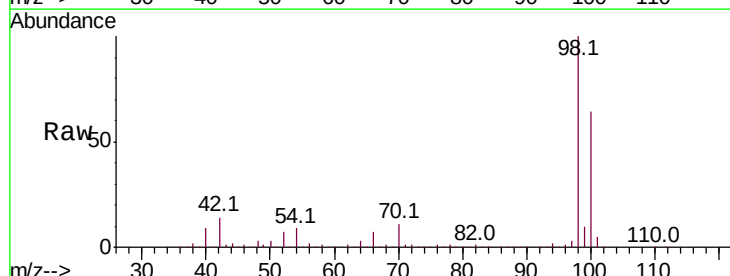


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

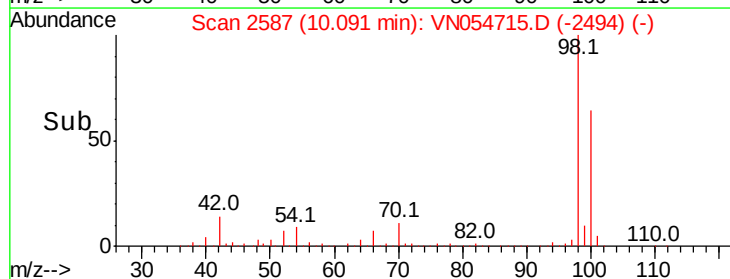
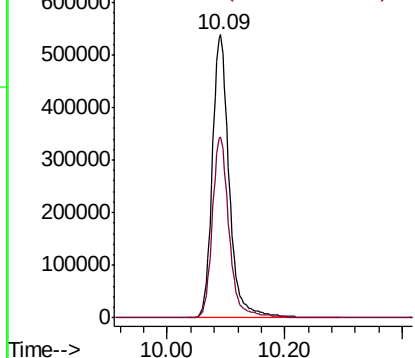


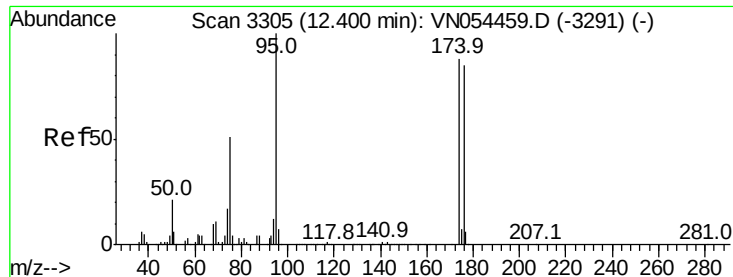
#50
 Toluene-d8
 Concen: 49.761 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN054715.D
 Acq: 27 Mar 2019 12:12

Tgt Ion: 98 Resp: 1075066
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 44.751 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

PB118299TB

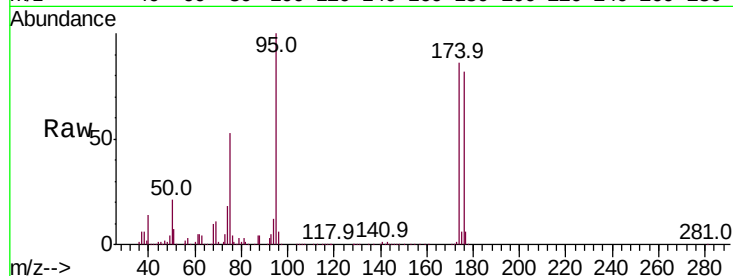
Tot Ion: 95 Resp: 328996

Ion Ratio Lower Upper

95 100

174 84.9 0.0 191.0

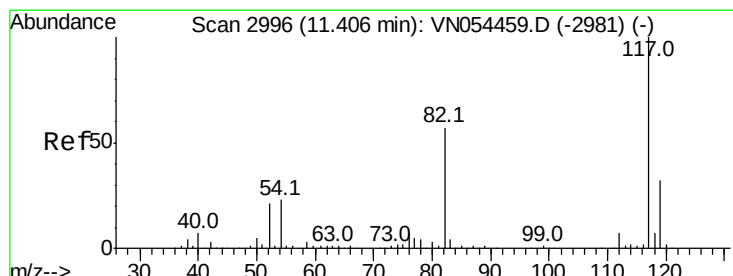
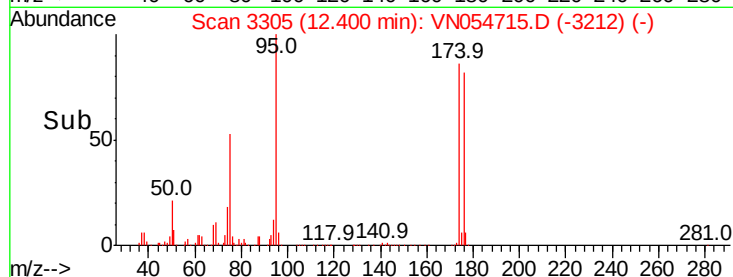
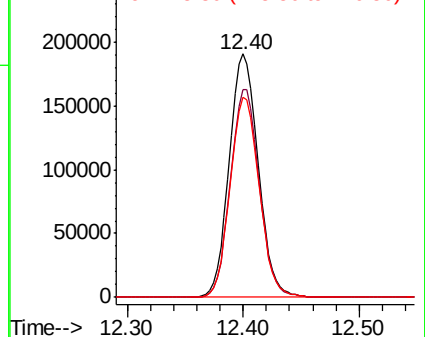
176 82.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

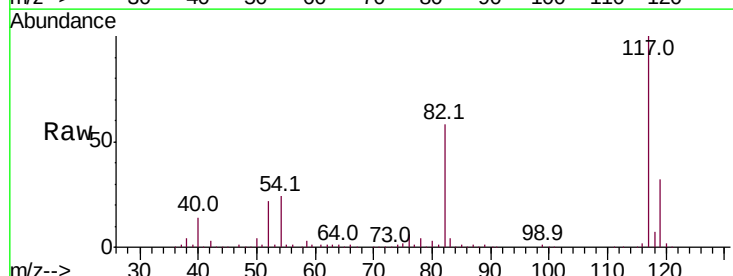
Tgt Ion: 117 Resp: 748199

Ion Ratio Lower Upper

117 100

82 57.5 40.0 60.0

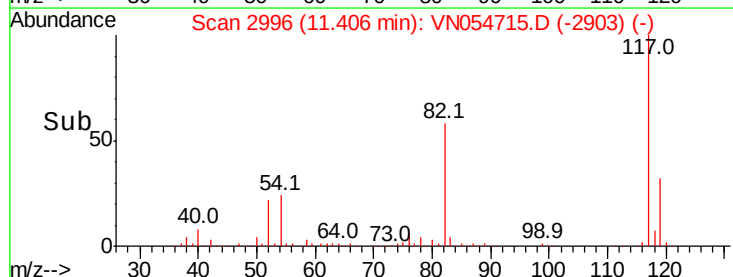
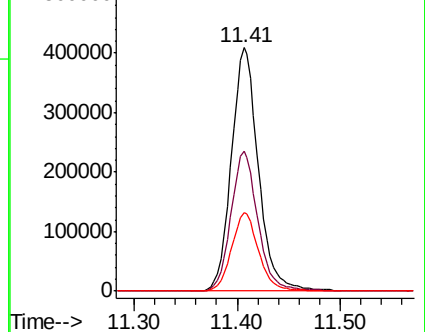
119 32.2 25.8 38.6

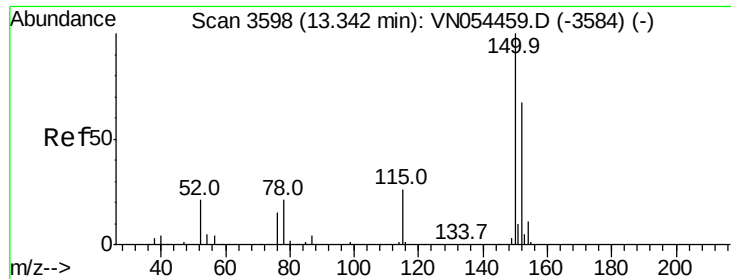


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054715.D

Acq: 27 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

PB118299TB

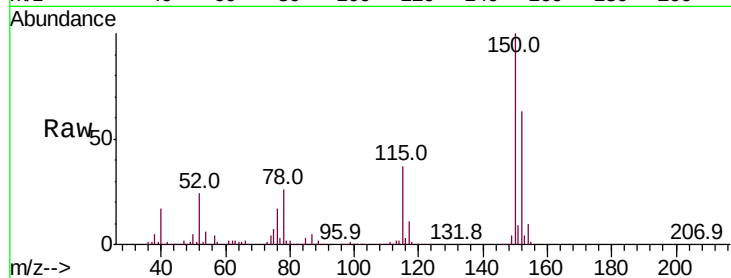
Tot Ion:152 Resp: 269367

Ion Ratio Lower Upper

152 100

115 58.8 27.2 81.6

150 157.6 0.0 349.2



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

