

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054719.D
 Acq On : 27 Mar 2019 13:57
 Operator : JC/SP
 Sample : K2097-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-17

Quant Time: Mar 28 07:09:33 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

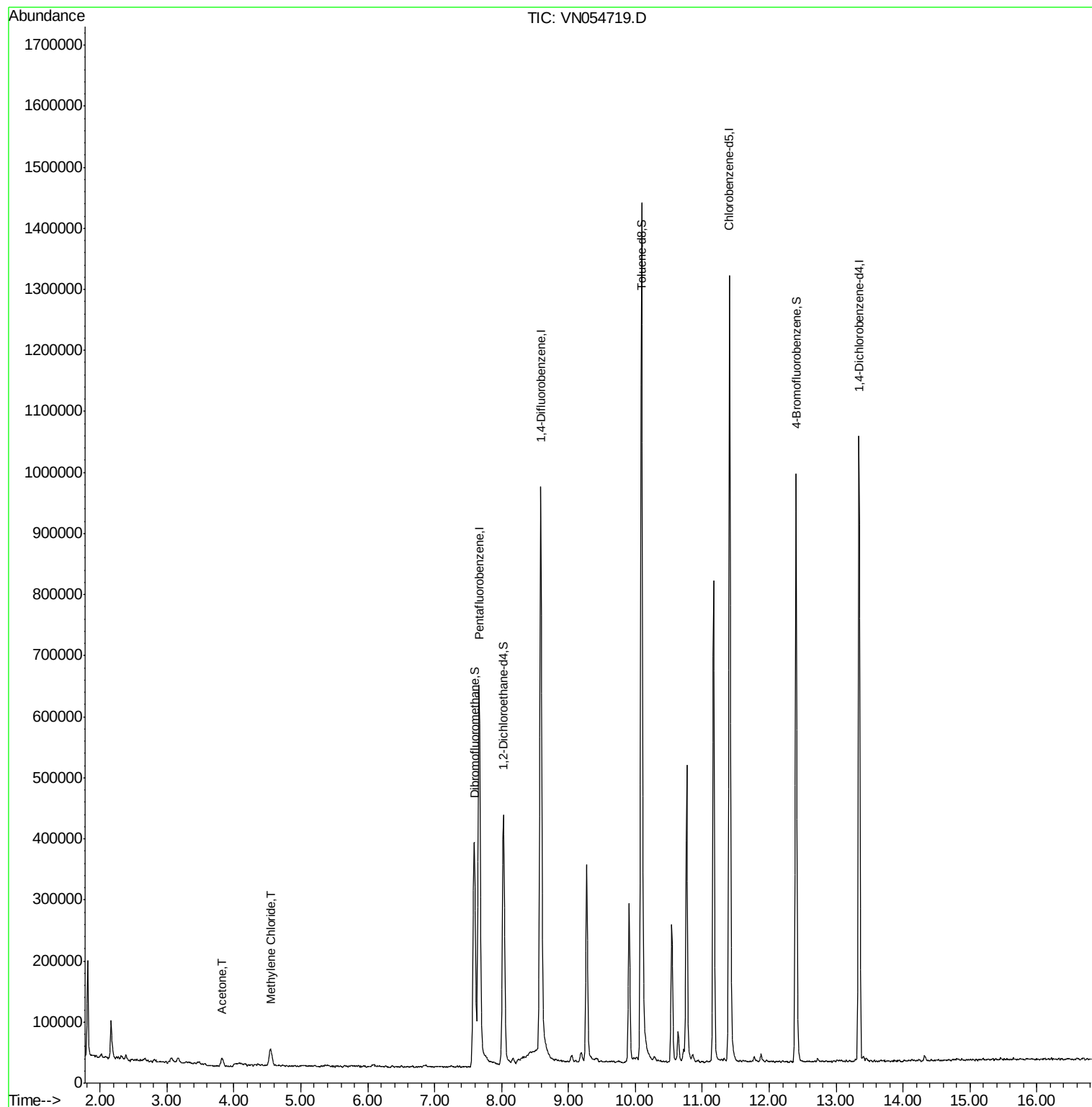
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	527588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	882586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	760221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	273430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	350189	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	7.59	113	278990	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	10.09	98	1070151	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	325232	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
Target Compounds						
16) Acetone	3.82	43	22437	11.372	ug/l #	82
20) Methylene Chloride	4.55	84	19901	3.422	ug/l #	88

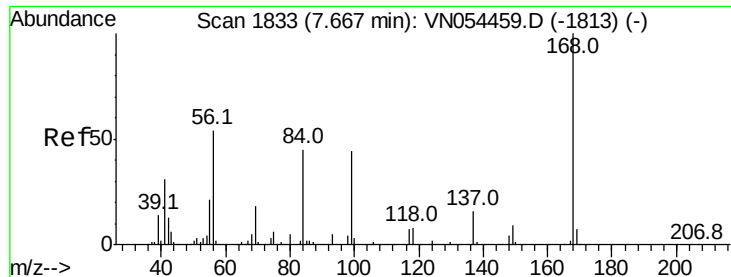
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054719.D

Acq: 27 Mar 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

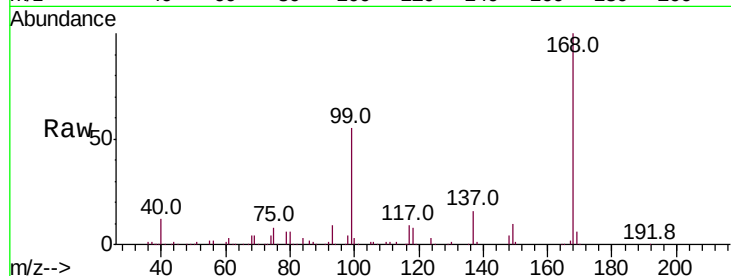
CS-17

Tot Ion:168 Resp: 527588

Ion Ratio Lower Upper

168 100

99 54.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054719.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054719.D (-1740) (-)

7.67

250000

200000

150000

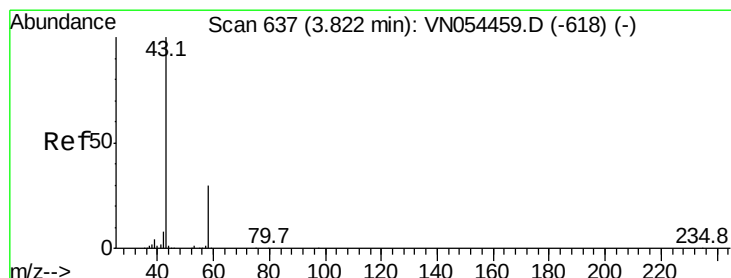
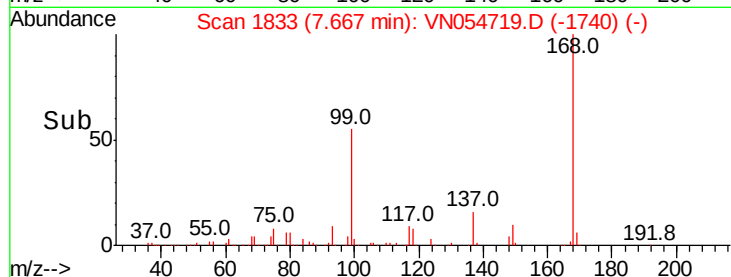
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 11.372 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054719.D

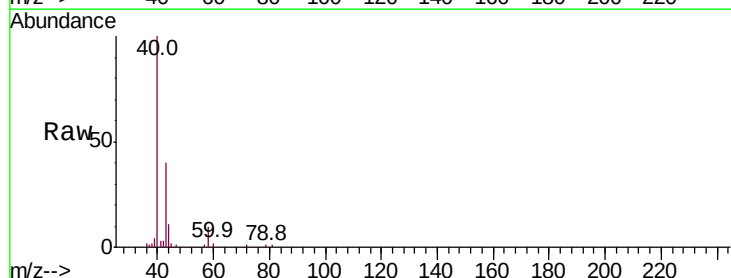
Acq: 27 Mar 2019 13:57

Tgt Ion: 43 Resp: 22437

Ion Ratio Lower Upper

43 100

58 26.4 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054719.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN054719.D (-544) (-)

3.82

10000

8000

6000

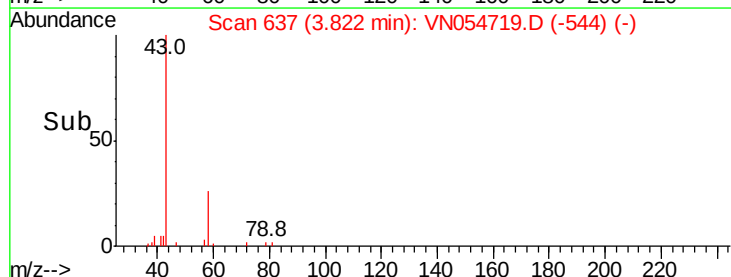
4000

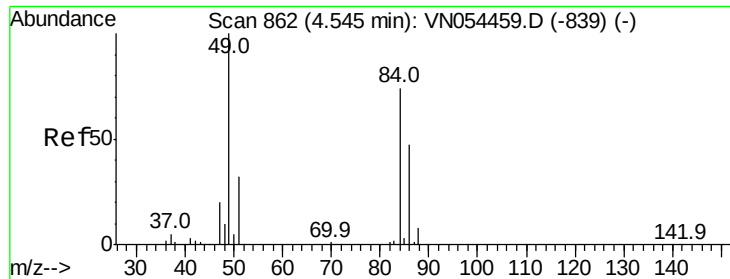
2000

0

3.75 3.80 3.85 3.90

Time-->

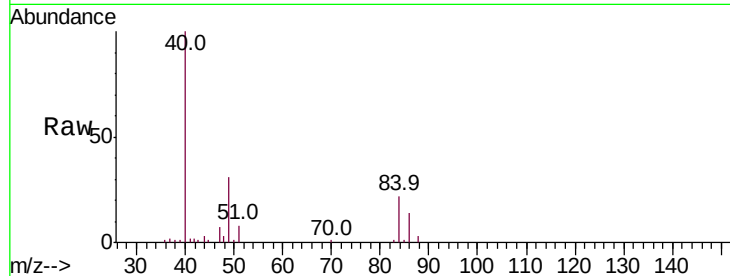




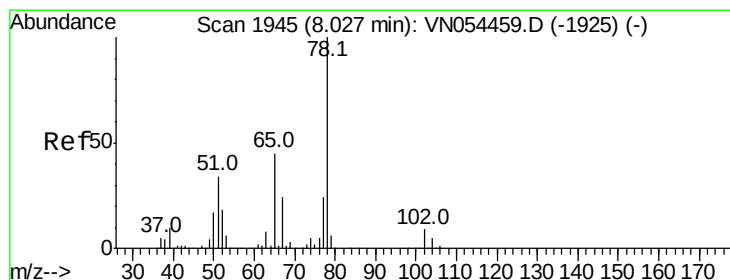
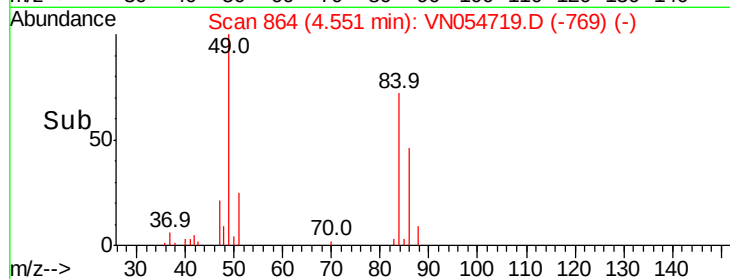
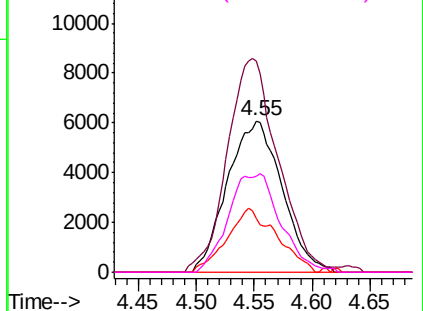
#20
Methylene Chloride
Concen: 3.422 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054719.D
Acq: 27 Mar 2019 13:57

Instrument :
MSVOA_N
ClientSampleId :
CS-17

Tot Ion: 84 Resp: 19901
Ion Ratio Lower Upper
84 100
49 135.8 89.7 134.5#
51 35.5 28.2 42.4
86 63.6 50.8 76.2

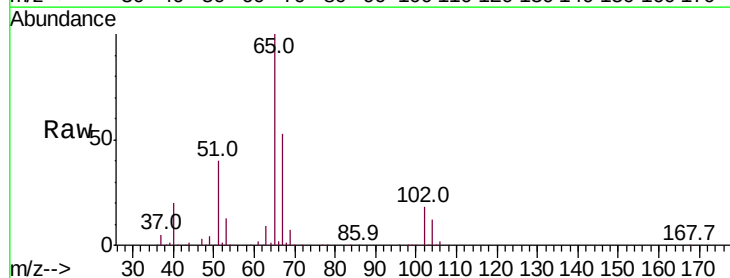


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

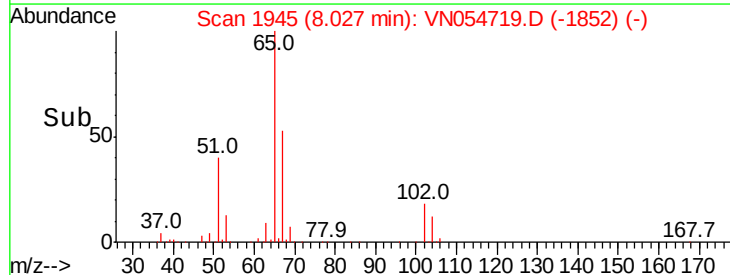
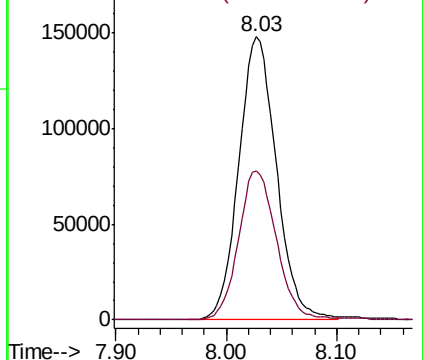


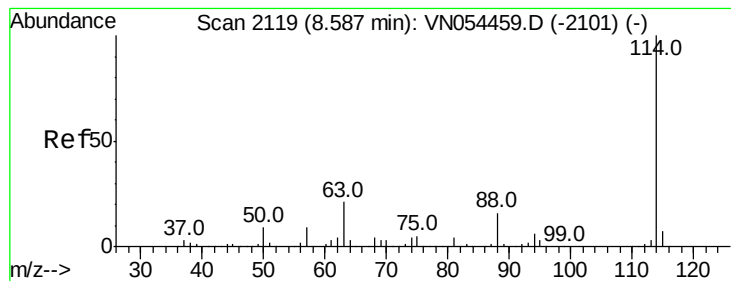
#33
1,2-Dichloroethane-d4
Concen: 53.363 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054719.D
Acq: 27 Mar 2019 13:57

Tgt Ion: 65 Resp: 350189
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.6



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: VN054719.D

Acq: 27 Mar 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

CS-17

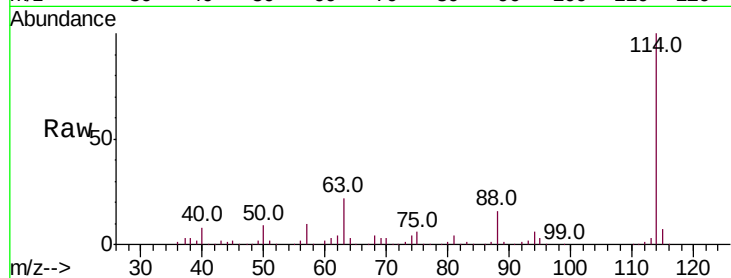
Tot Ion:114 Resp: 882586

Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.2

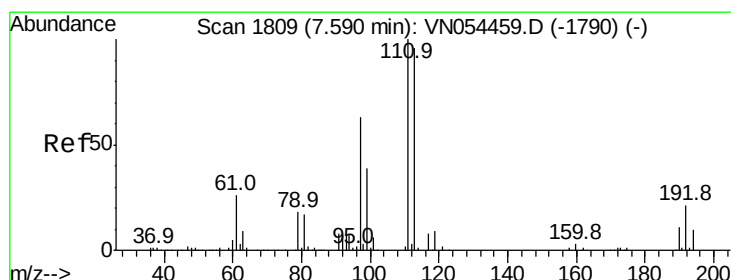
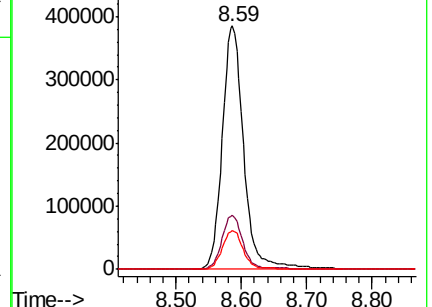
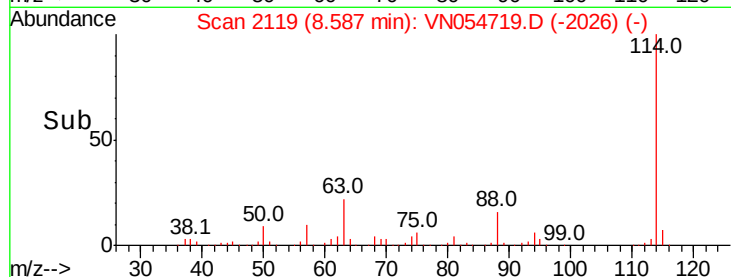
88 15.8 0.0 30.2



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: 49.066 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054719.D

Acq: 27 Mar 2019 13:57

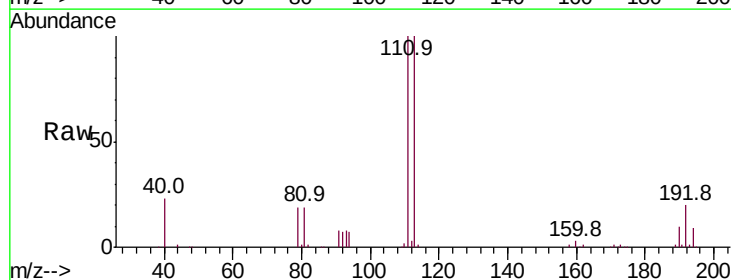
Tgt Ion:113 Resp: 278990

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

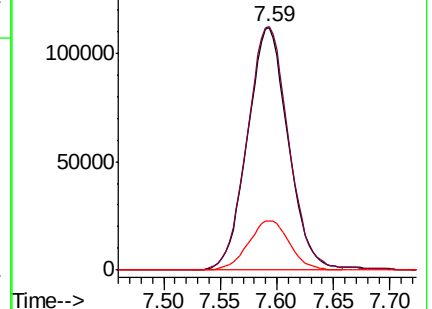
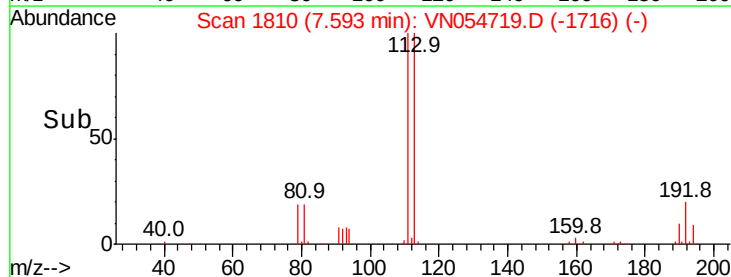
192 20.7 19.2 28.8

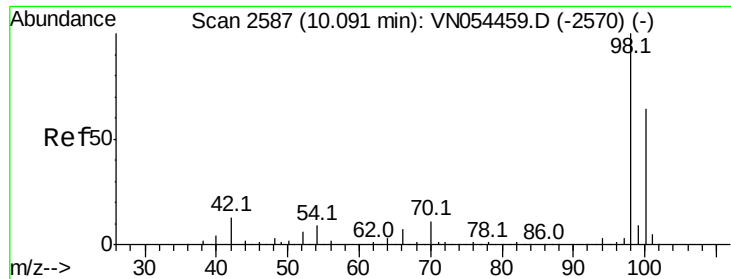


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.063 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054719.D

Acq: 27 Mar 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

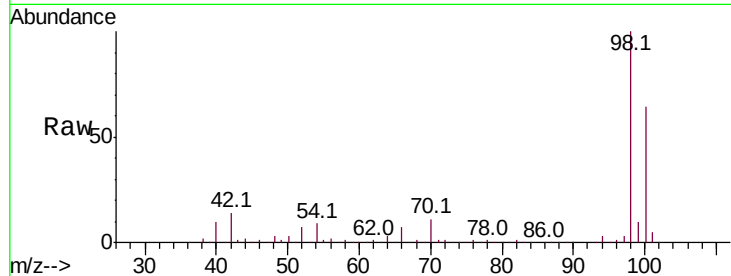
CS-17

Tot Ion: 98 Resp: 1070151

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

600000

500000

400000

300000

200000

100000

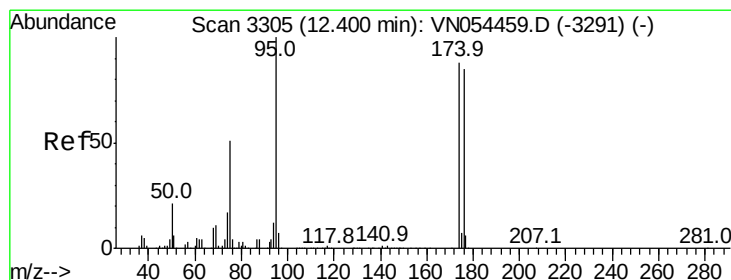
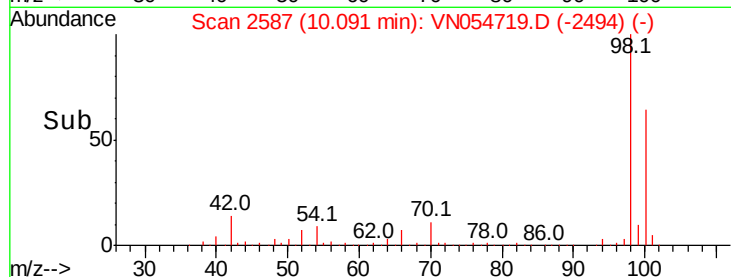
0

10.09

10.00

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 44.712 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054719.D

Acq: 27 Mar 2019 13:57

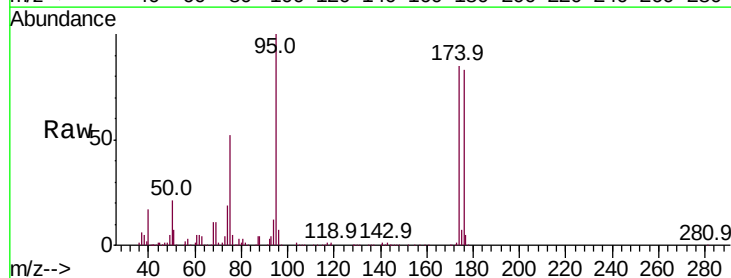
Tgt Ion: 95 Resp: 325232

Ion Ratio Lower Upper

95 100

174 86.0 0.0 191.0

176 83.5 0.0 187.4



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

250000

200000

150000

100000

50000

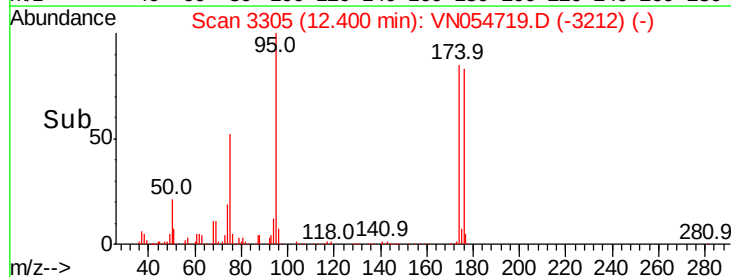
0

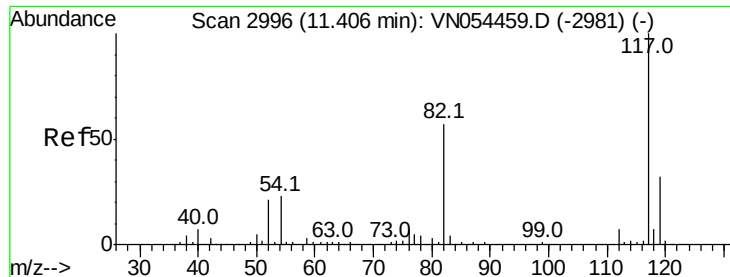
12.40

12.30

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: VN054719.D

Acq: 27 Mar 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

CS-17

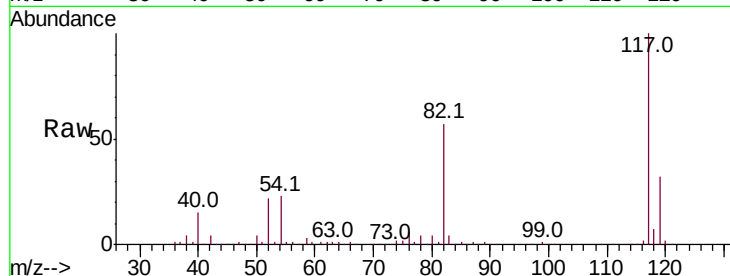
Tot Ion:117 Resp: 760221

Ion Ratio Lower Upper

117 100

82 56.9 40.0 60.0

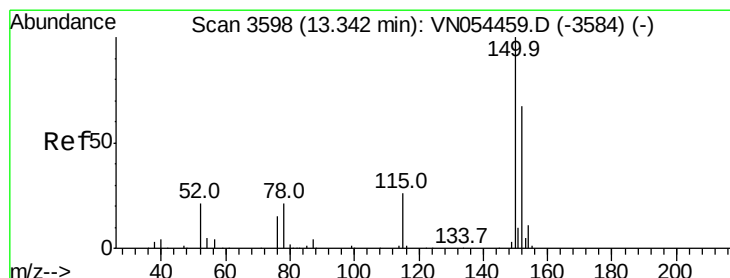
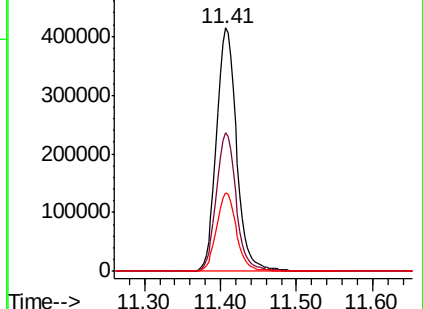
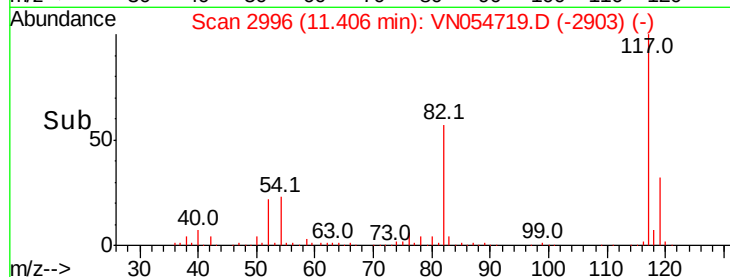
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN054719.D

Acq: 27 Mar 2019 13:57

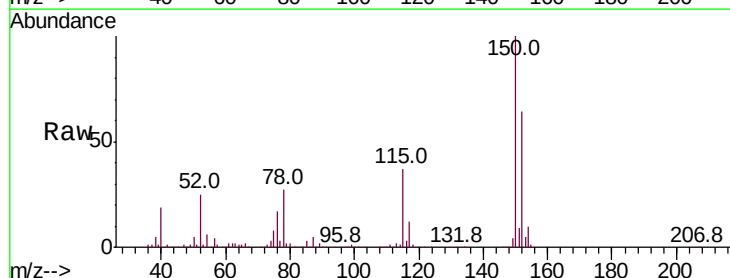
Tgt Ion:152 Resp: 273430

Ion Ratio Lower Upper

152 100

115 58.6 27.2 81.6

150 156.2 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

