

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054717.D
 Acq On : 27 Mar 2019 13:05
 Operator : JC/SP
 Sample : K2093-17DL 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30092-30093-5DL

Quant Time: Mar 28 07:04:38 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

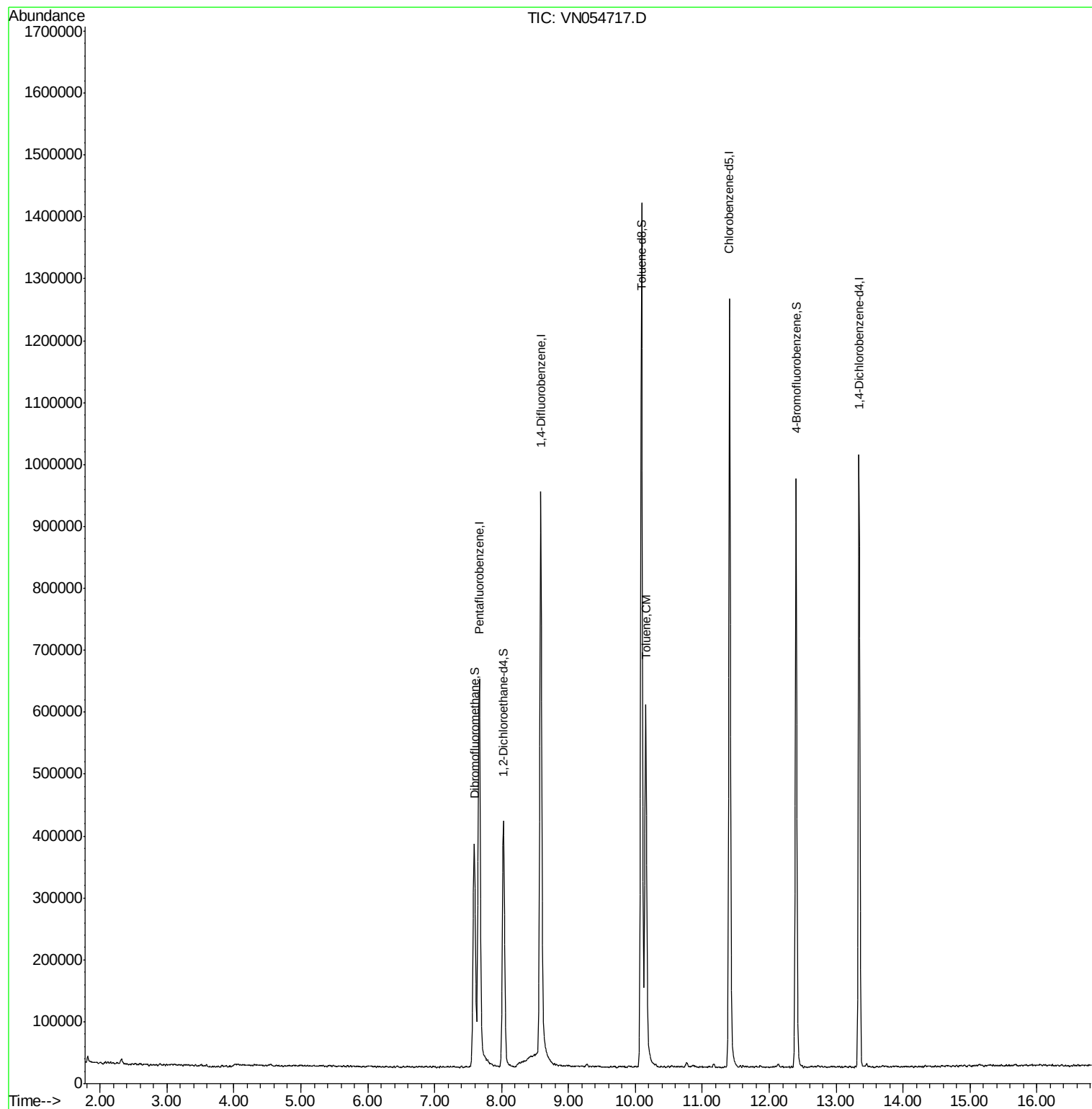
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	535363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	861854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	737106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	262129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	347355	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
35) Dibromofluoromethane	7.59	113	274833	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
50) Toluene-d8	10.09	98	1040409	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	322478	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
Target Compounds						
52) Toluene	10.16	92	252288	17.801	ug/l	Qvalue 100

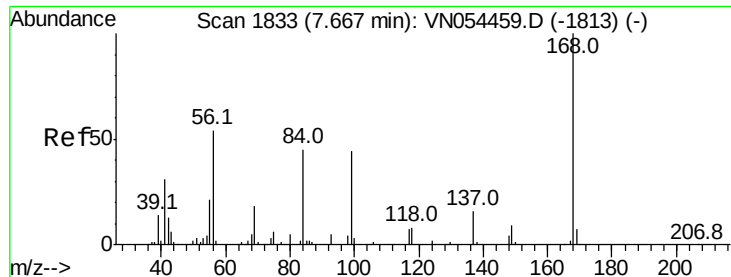
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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Acq: 27 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

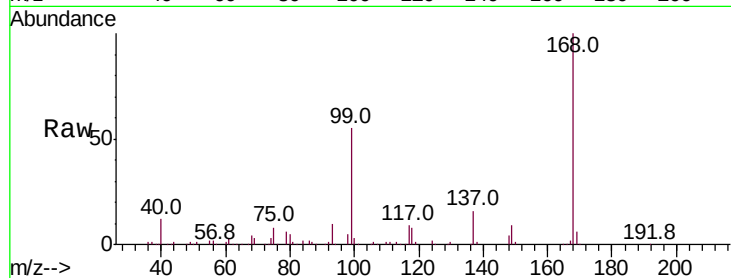
30092-30093-5DL

Tot Ion:168 Resp: 535363

Ion Ratio Lower Upper

168 100

99 55.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

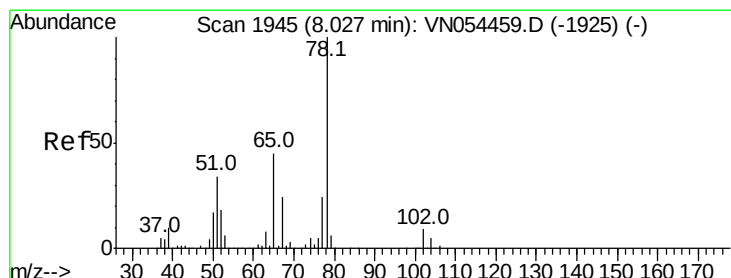
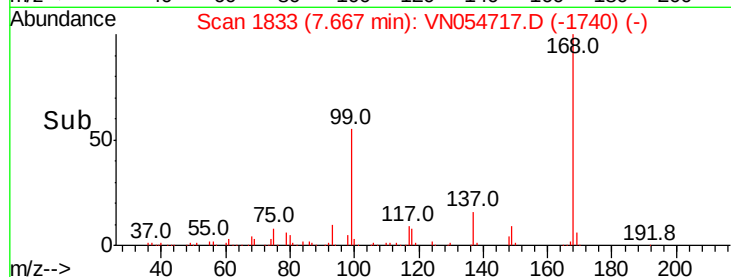
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.163 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054717.D

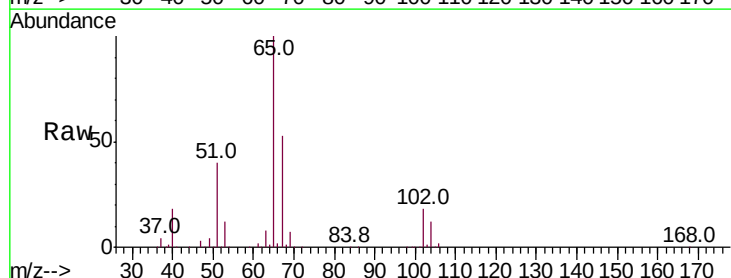
Acq: 27 Mar 2019 13:05

Tgt Ion: 65 Resp: 347355

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

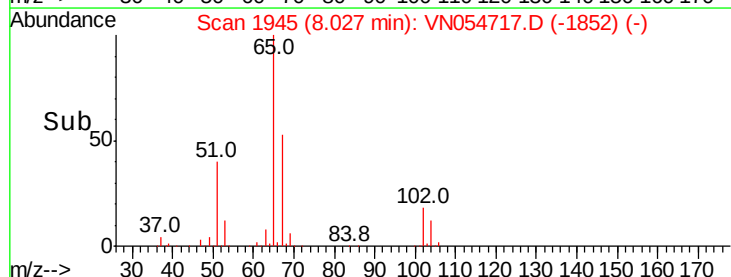
150000

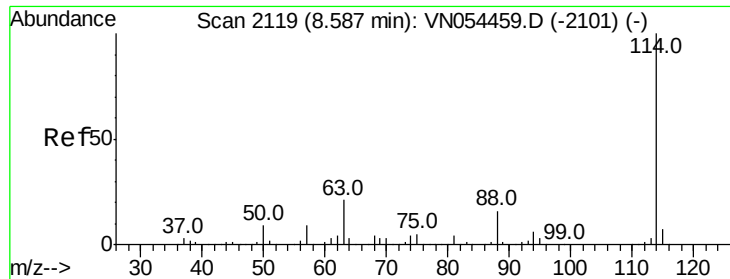
100000

50000

0

Time-->

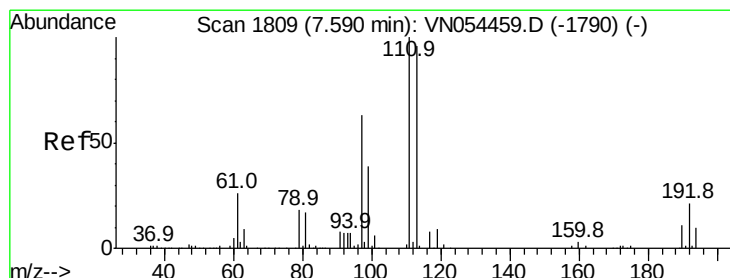
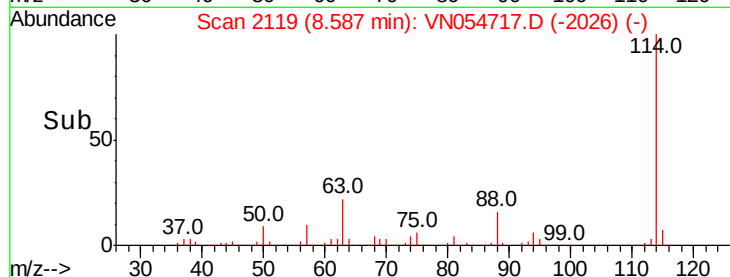
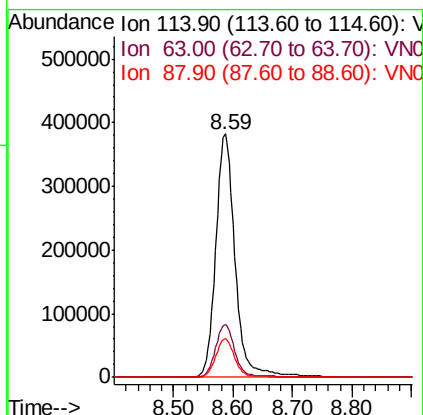
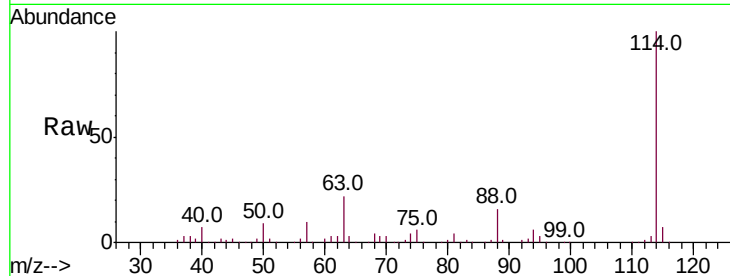




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054717.D
 Acq: 27 Mar 2019 13:05

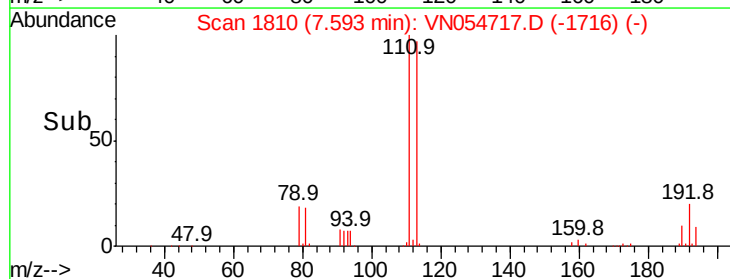
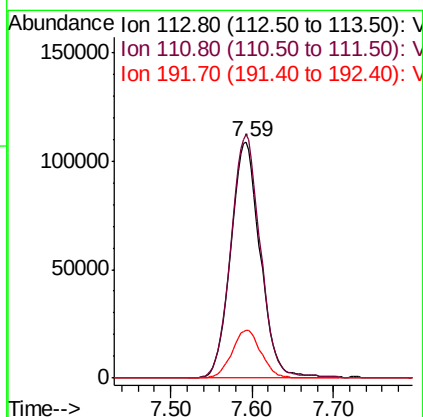
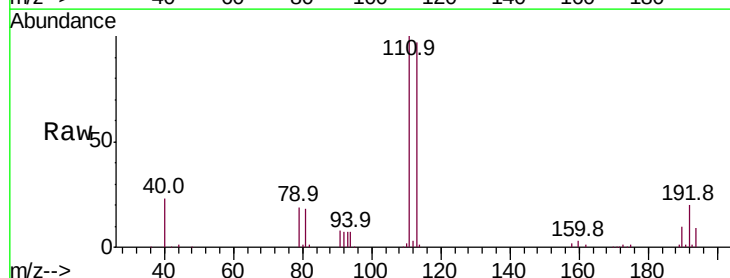
Instrument :
 MSVOA_N
 ClientSampleId :
 30092-30093-5DL

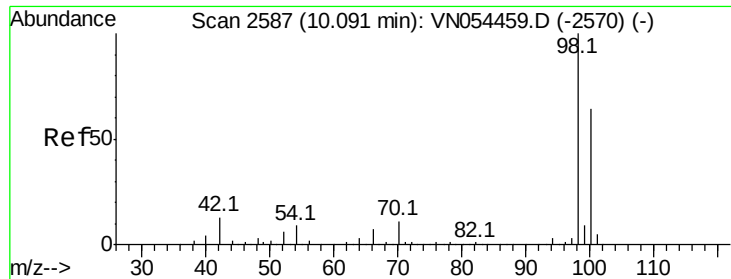
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	35.2
88	15.9	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 49.497 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054717.D
 Acq: 27 Mar 2019 13:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	19.9	19.2	28.8





#50

Toluene-d8

Concen: 49.843 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054717.D

Acq: 27 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

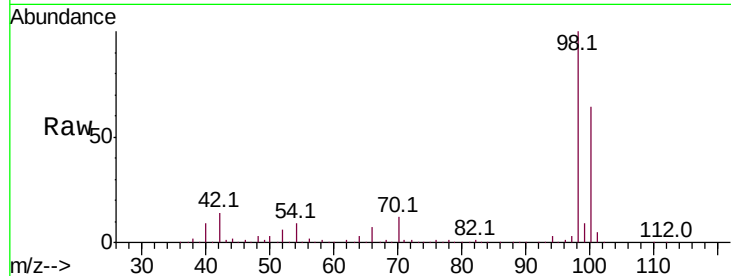
30092-30093-5DL

Tot Ion: 98 Resp: 1040409

Ion Ratio Lower Upper

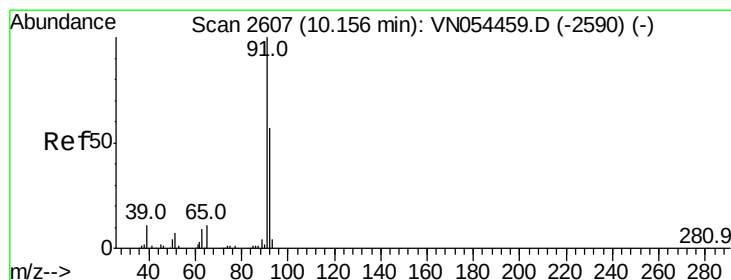
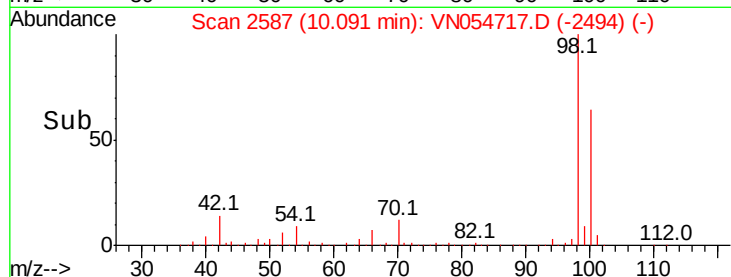
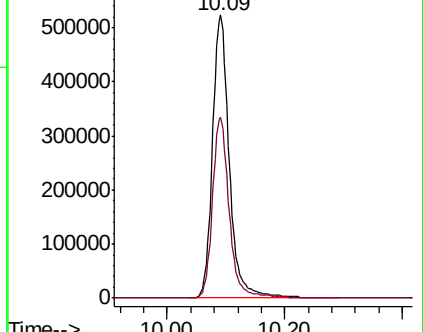
98 100

100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054717.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054717.D (-2570) (-)



#52

Toluene

Concen: 17.801 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054717.D

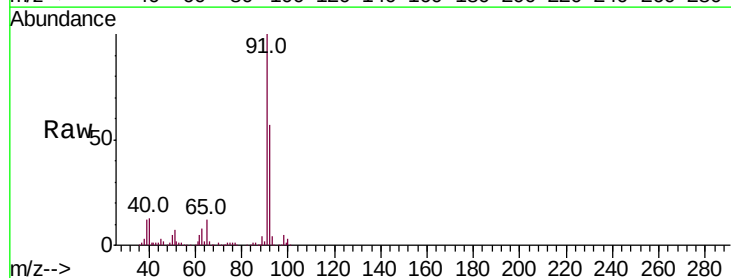
Acq: 27 Mar 2019 13:05

Tgt Ion: 92 Resp: 252288

Ion Ratio Lower Upper

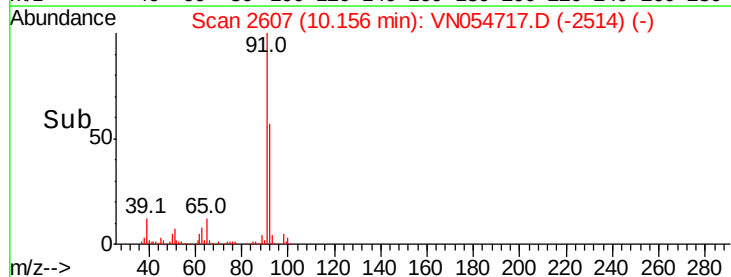
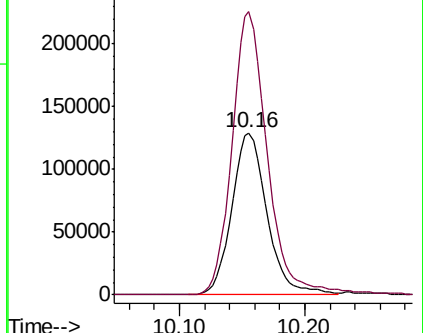
92 100

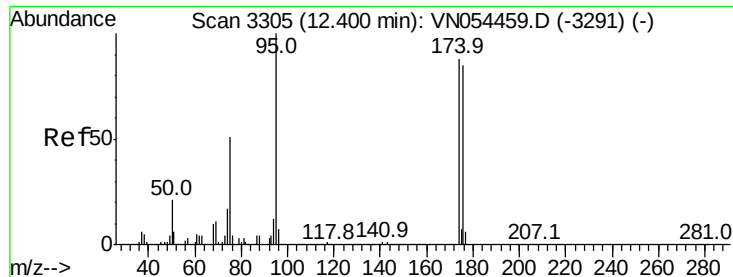
91 175.3 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054717.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN054717.D (-2514) (-)





#62

4-Bromofluorobenzene

Concen: 45.400 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054717.D

Acq: 27 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

30092-30093-5DL

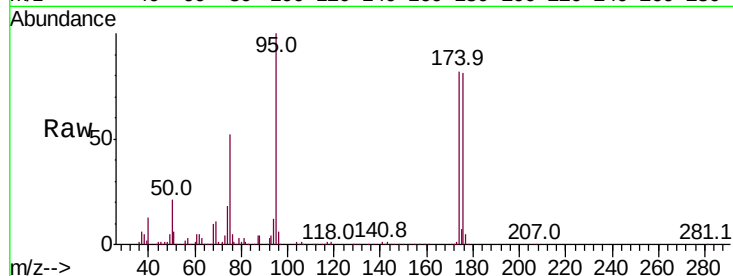
Tot Ion: 95 Resp: 322478

Ion Ratio Lower Upper

95 100

174 83.3 0.0 191.0

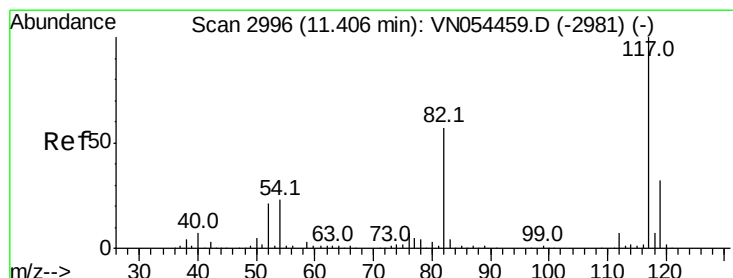
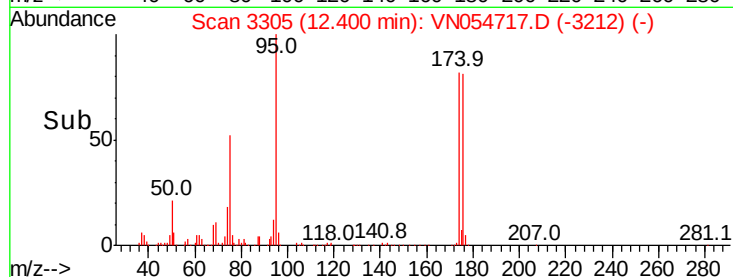
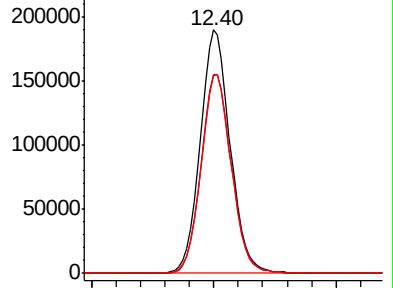
176 82.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054717.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054717.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054717.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054717.D

Acq: 27 Mar 2019 13:05

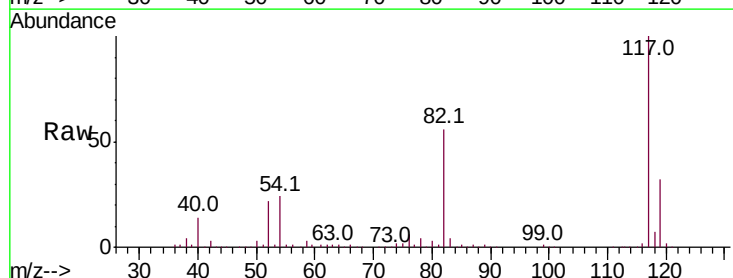
Tgt Ion: 117 Resp: 737106

Ion Ratio Lower Upper

117 100

82 56.0 40.0 60.0

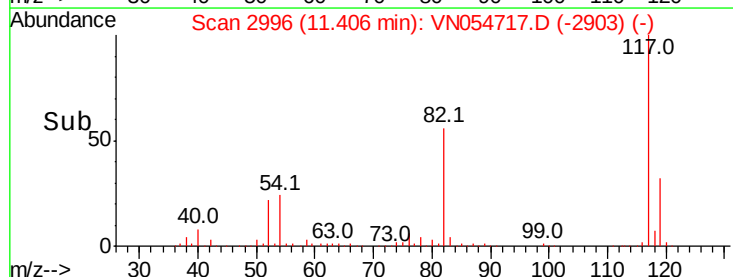
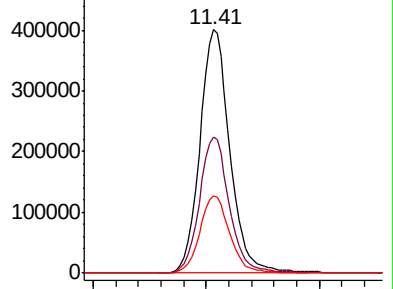
119 31.8 25.8 38.6

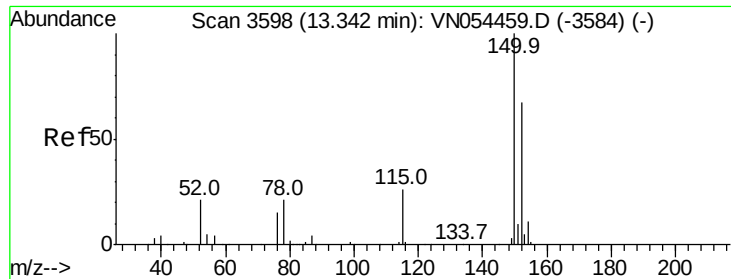


Abundance Ion 116.90 (116.60 to 117.60): VN054717.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054717.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054717.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054717.D

Acq: 27 Mar 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

30092-30093-5DL

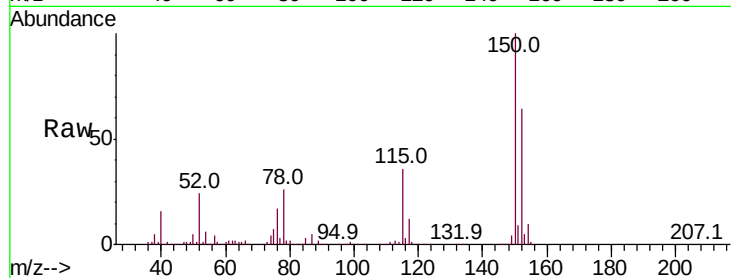
Tot Ion:152 Resp: 262129

Ion Ratio Lower Upper

152 100

115 57.7 27.2 81.6

150 159.0 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

