

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054756.D
 Acq On : 28 Mar 2019 20:21
 Operator : JC/SP
 Sample : K2111-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S5(15)

Quant Time: Mar 29 07:46:04 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

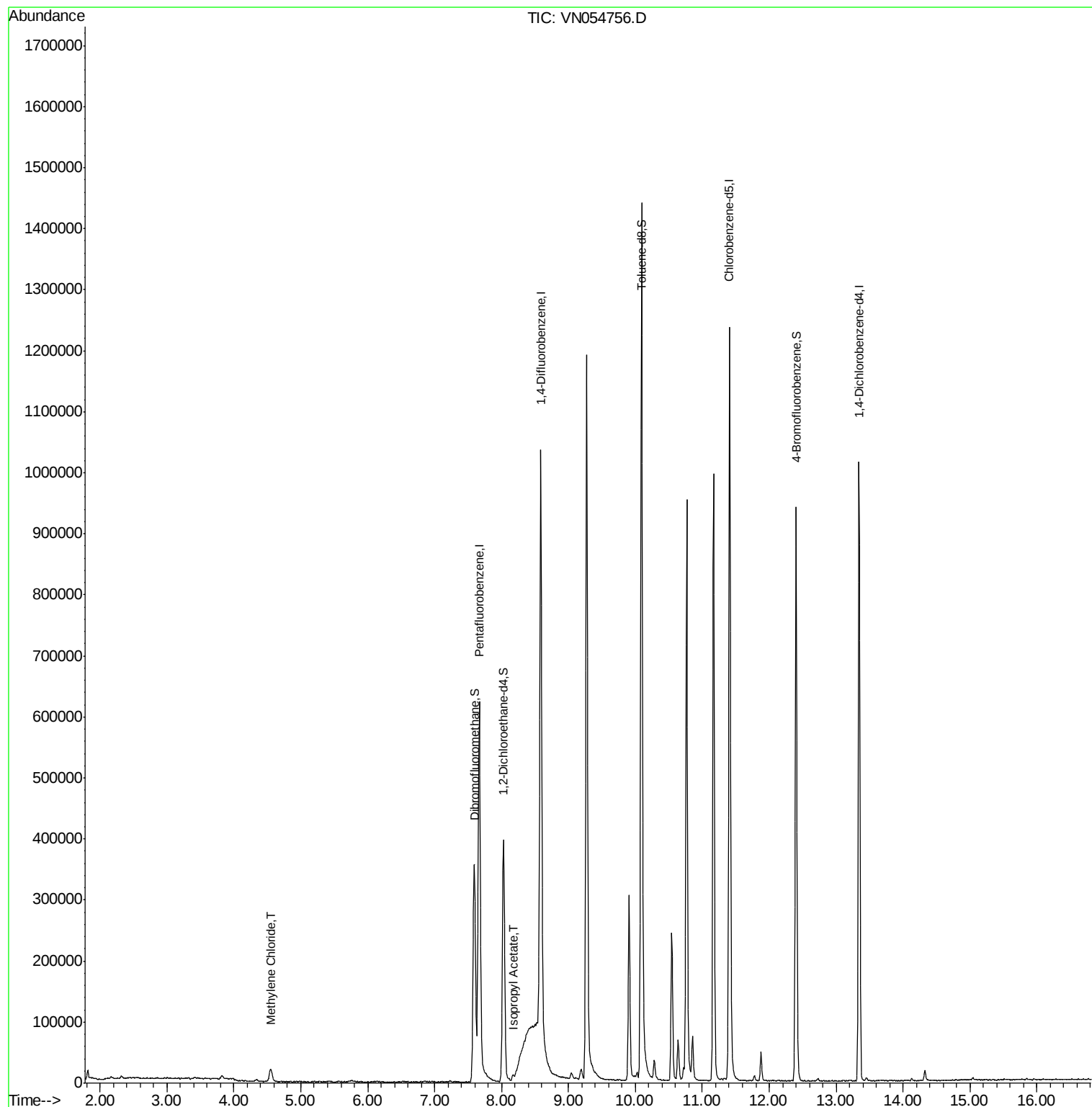
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	544647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	882269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	742857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	267430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	348883	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
35) Dibromofluoromethane	7.59	113	273380	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	10.09	98	1044614	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.40	95	322048	44.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.58%	
Target Compounds						
20) Methylene Chloride	4.55	84	13927	2.320	ug/l	90
43) Isopropyl Acetate	8.17	43	13694	1.382	ug/l #	77

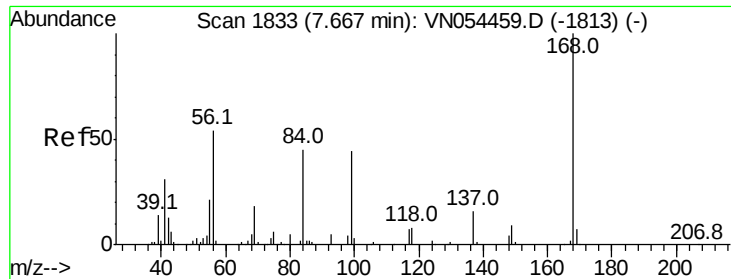
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 22 02:09:07 2019
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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: VN054756.D

Acq: 28 Mar 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

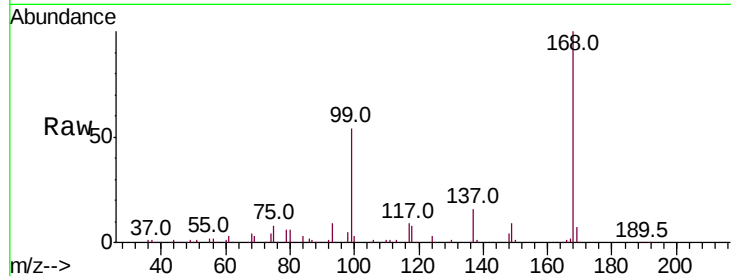
S5(15)

Tot Ion:168 Resp: 544647

Ion Ratio Lower Upper

168 100

99 54.4 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

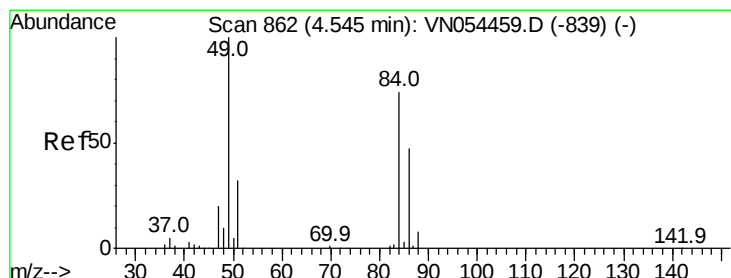
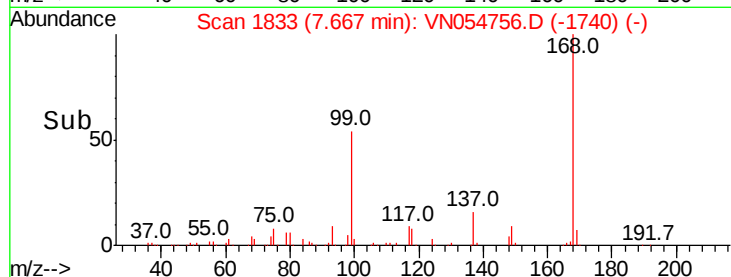
100000

50000

0

7.60 7.65 7.70 7.75

Time-->



#20

Methylene Chloride

Concen: 2.320 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.01 min

Lab File: VN054756.D

Acq: 28 Mar 2019 20:21

Tgt Ion: 84 Resp: 13927

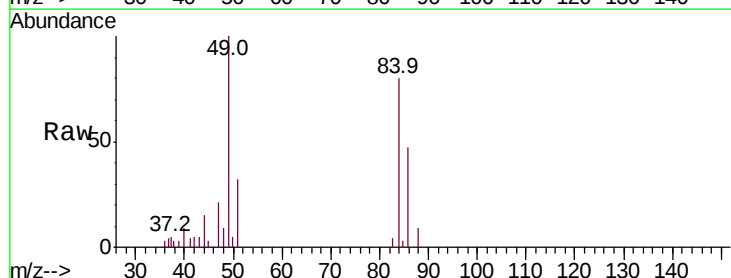
Ion Ratio Lower Upper

84 100

49 125.4 89.7 134.5

51 40.7 28.2 42.4

86 58.6 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

10000

8000

6000

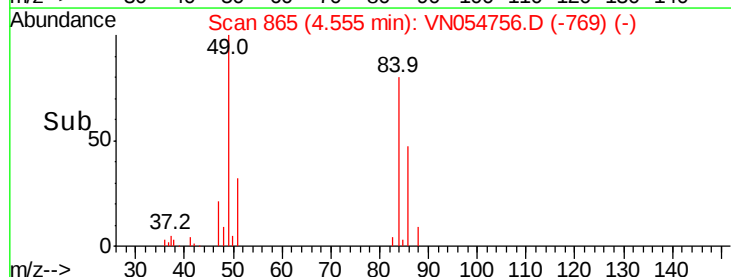
4000

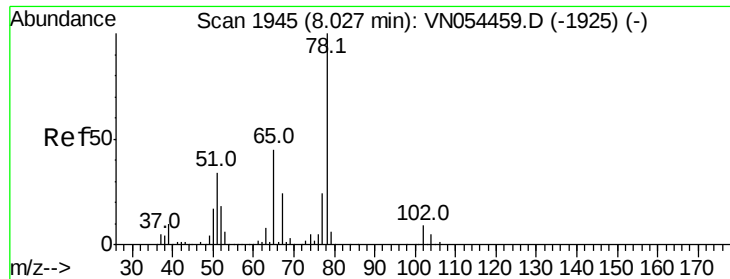
2000

0

4.45 4.50 4.55 4.60 4.65

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.499 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054756.D

Acq: 28 Mar 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

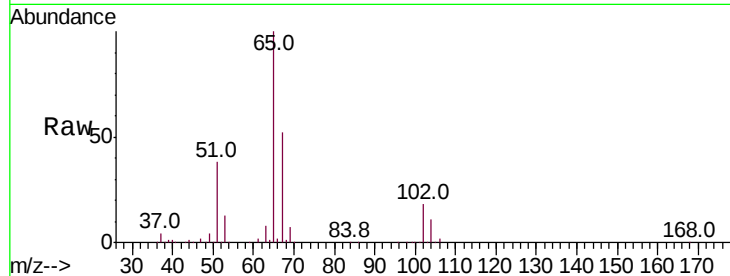
S5(15)

Tot Ion: 65 Resp: 348883

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

150000

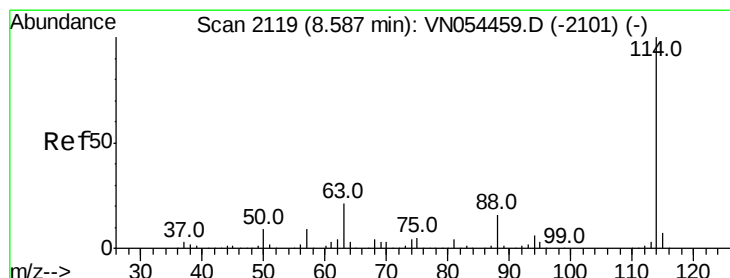
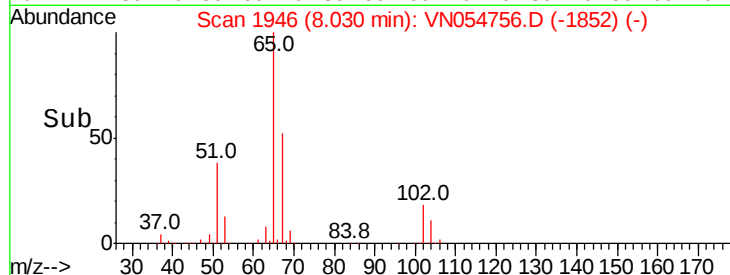
100000

50000

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: VN054756.D

Acq: 28 Mar 2019 20:21

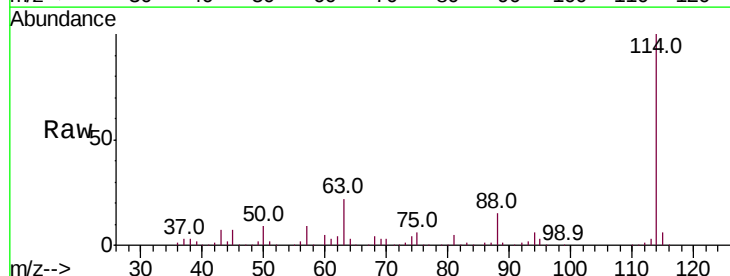
Tgt Ion: 114 Resp: 882269

Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.2

88 15.5 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VNO

Ion 87.90 (87.60 to 88.60): VNO

500000

400000

300000

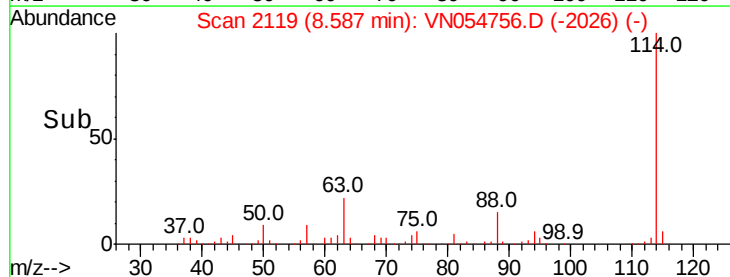
200000

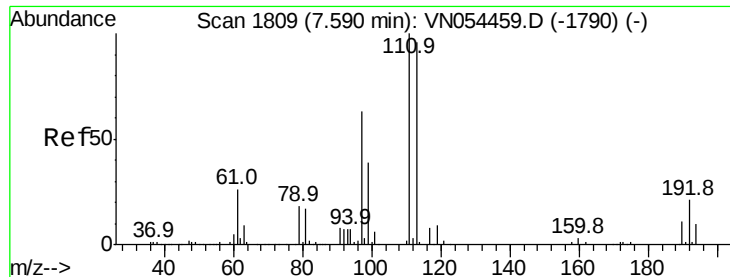
100000

0

Time-->

8.50 8.60 8.70 8.80





#35

Dibromofluoromethane

Concen: 48.096 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054756.D

Acq: 28 Mar 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

S5(15)

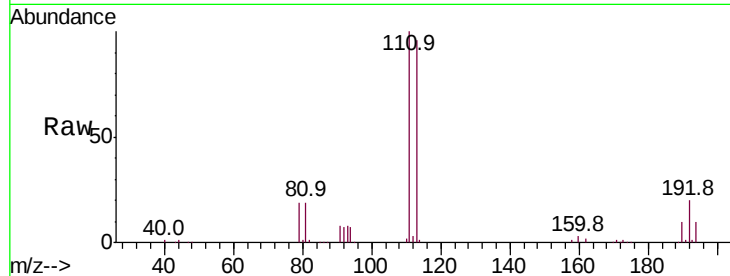
Tot Ion:113 Resp: 273380

Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

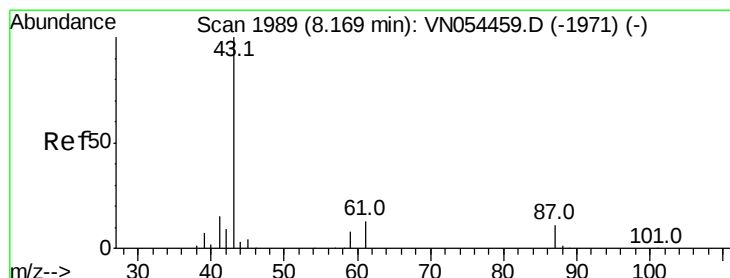
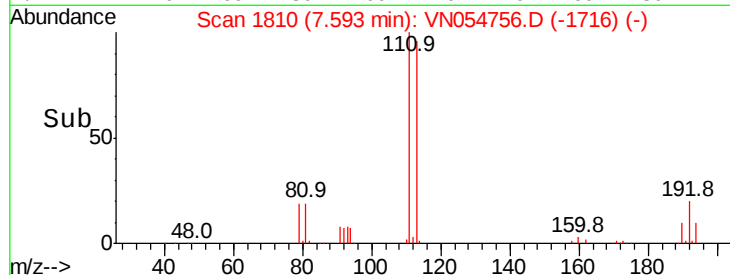
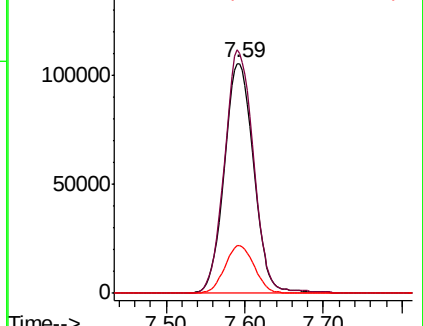
192 20.8 19.2 28.8



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



#43

Isopropyl Acetate

Concen: 1.382 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054756.D

Acq: 28 Mar 2019 20:21

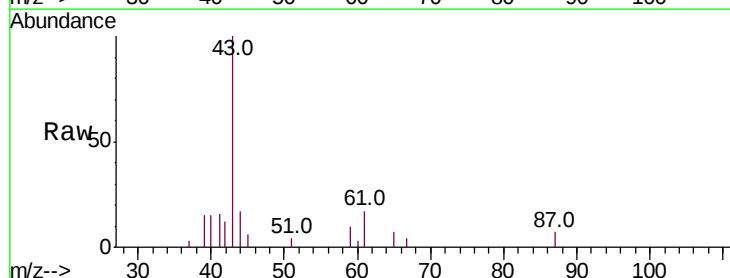
Tgt Ion: 43 Resp: 13694

Ion Ratio Lower Upper

43 100

61 9.7 15.8 23.8#

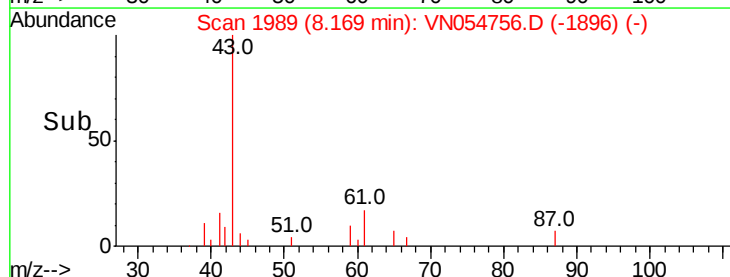
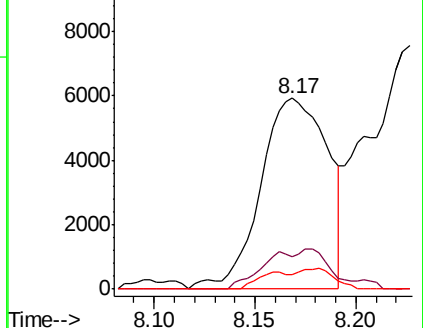
87 4.5 12.0 18.0#

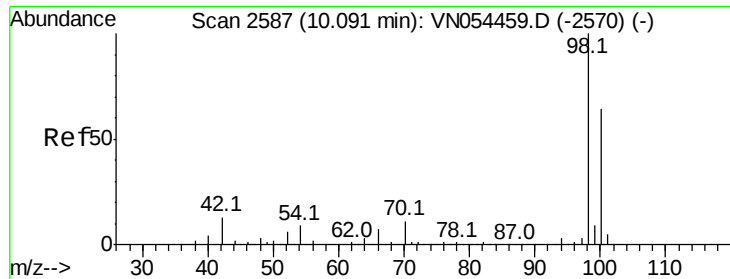


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.886 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054756.D

Acq: 28 Mar 2019 20:21

Instrument :

MSVOA_N

ClientSampleId :

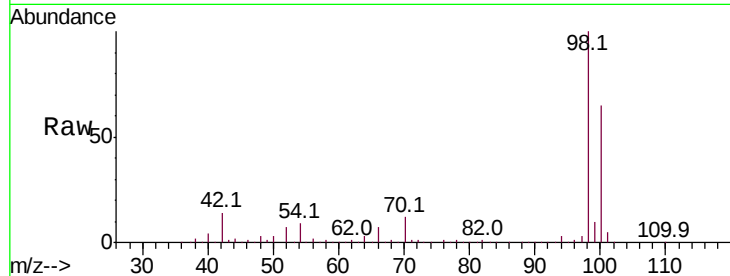
S5(15)

Tot Ion: 98 Resp: 1044614

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

600000

500000

400000

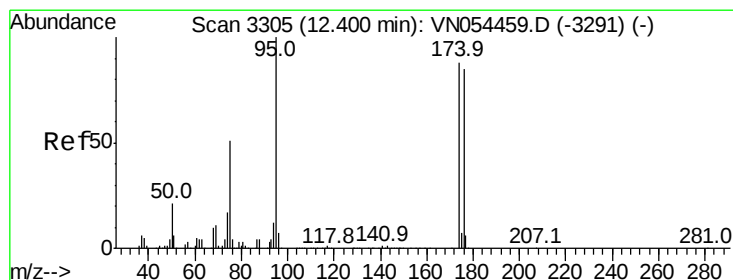
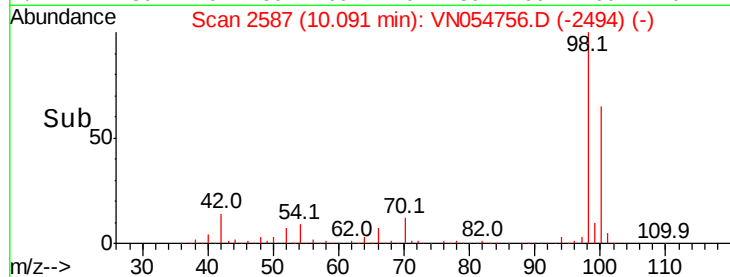
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.290 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054756.D

Acq: 28 Mar 2019 20:21

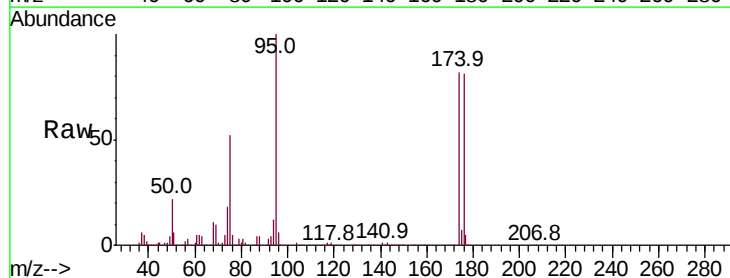
Tgt Ion: 95 Resp: 322048

Ion Ratio Lower Upper

95 100

174 83.8 0.0 191.0

176 82.0 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

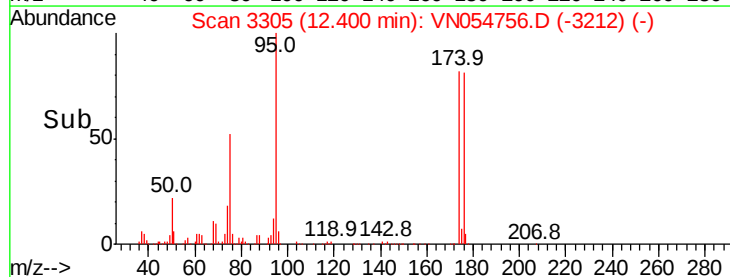
150000

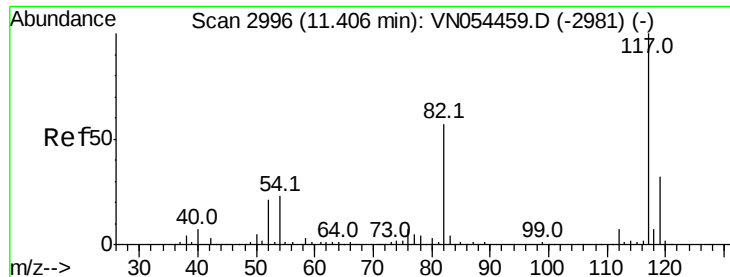
100000

50000

0

Time-->

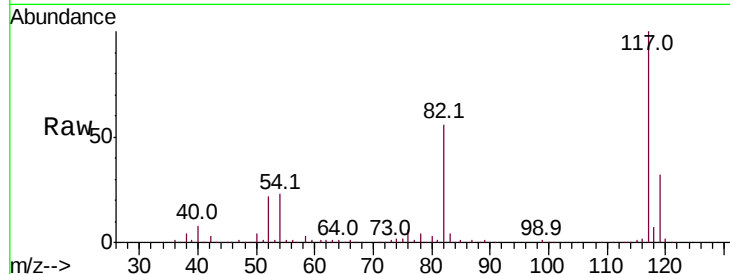




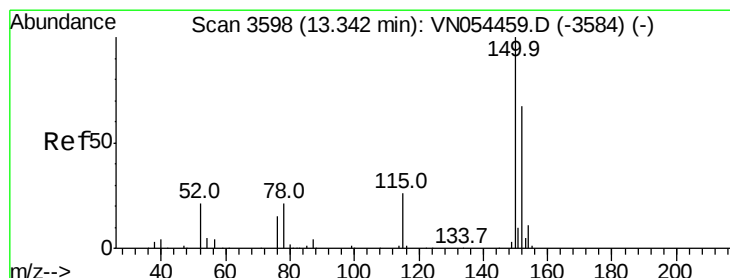
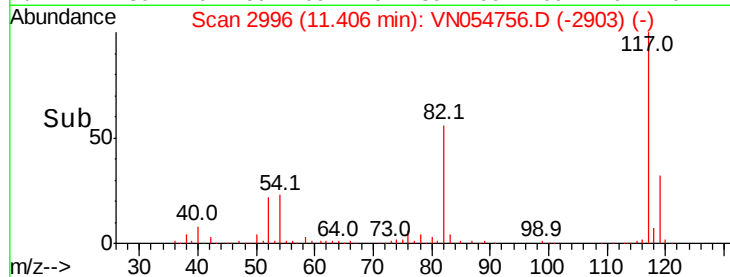
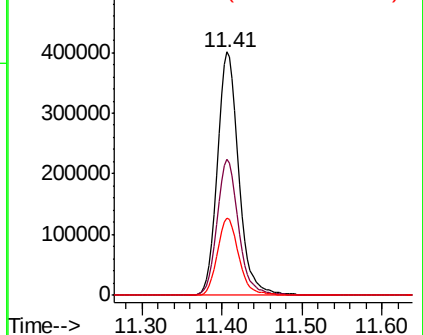
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054756.D
Acq: 28 Mar 2019 20:21

Instrument :
MSVOA_N
ClientSampled :
S5(15)

Tot Ion:117 Resp: 742857
Ion Ratio Lower Upper
117 100
82 56.0 40.0 60.0
119 31.7 25.8 38.6

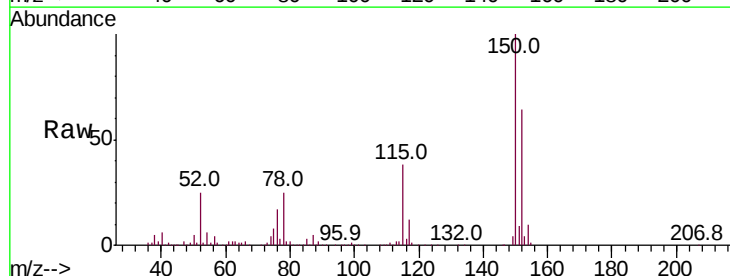


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054756.D
Acq: 28 Mar 2019 20:21

Tgt Ion:152 Resp: 267430
Ion Ratio Lower Upper
152 100
115 58.1 27.2 81.6
150 155.2 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

