

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054723.D
 Acq On : 27 Mar 2019 15:43
 Operator : JC/SP
 Sample : K2086-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-18

Quant Time: Mar 28 07:17:13 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

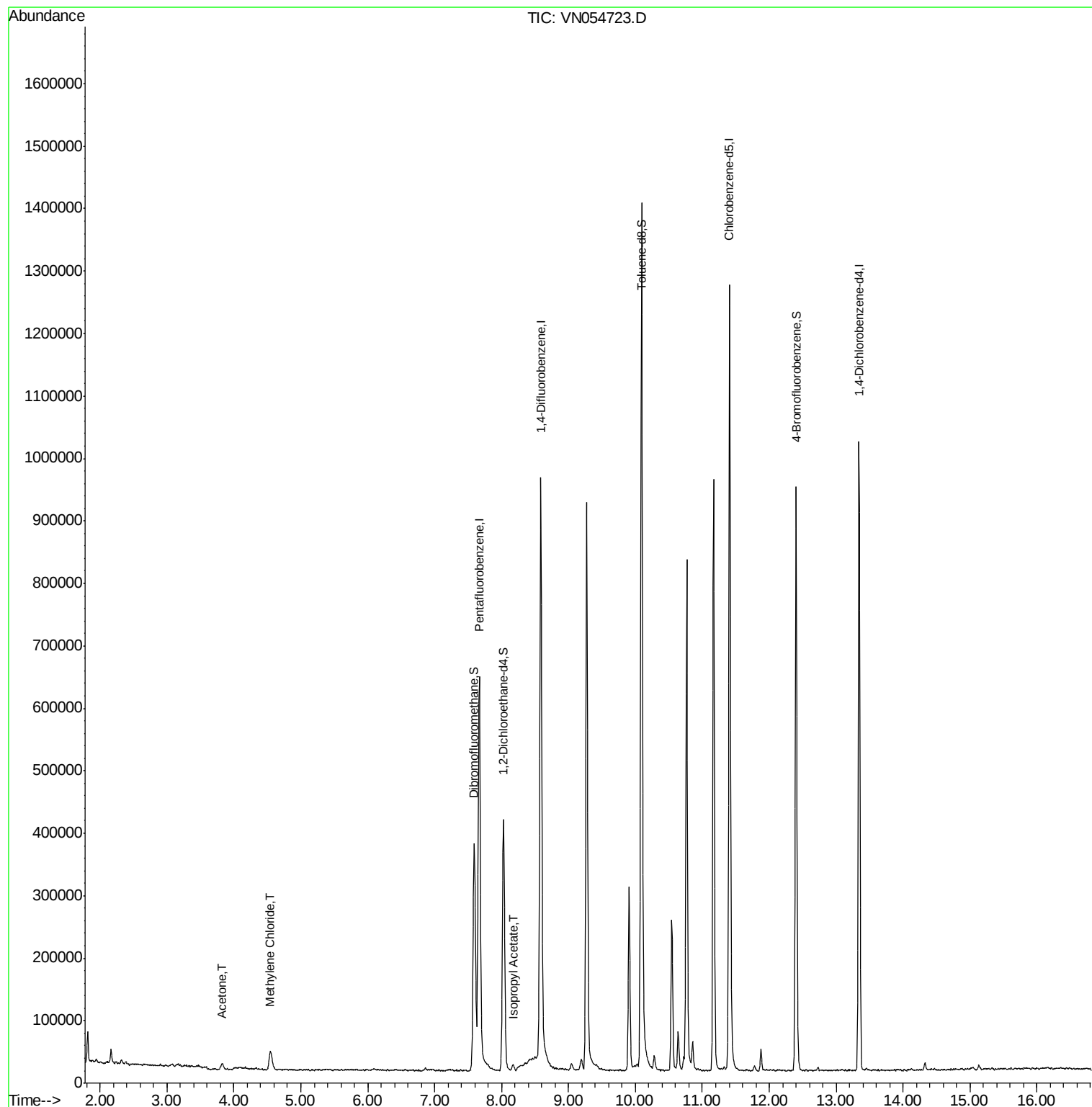
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	541086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	862692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	742371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	267126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	351219	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	7.59	113	273194	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	10.09	98	1036171	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	320789	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
Target Compounds						
16) Acetone	3.83	43	17014	8.408	ug/l #	84
20) Methylene Chloride	4.54	84	20395	3.419	ug/l #	78
43) Isopropyl Acetate	8.17	43	13232	1.366	ug/l #	94

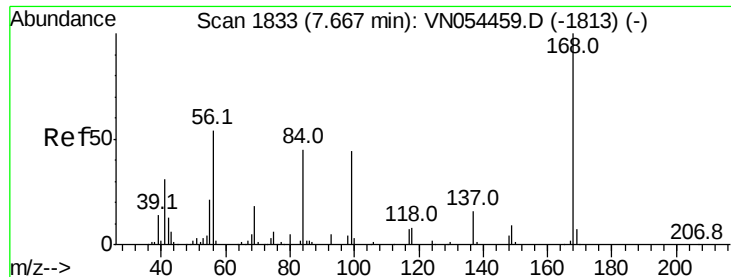
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032719\
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Quant Title : SW846 8260
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: VN054723.D

Acq: 27 Mar 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

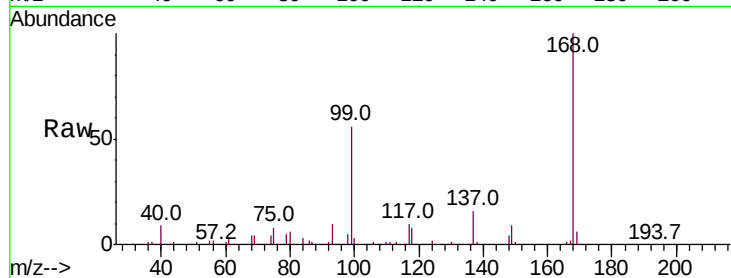
CS-18

Tot Ion:168 Resp: 541086

Ion Ratio Lower Upper

168 100

99 55.9 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

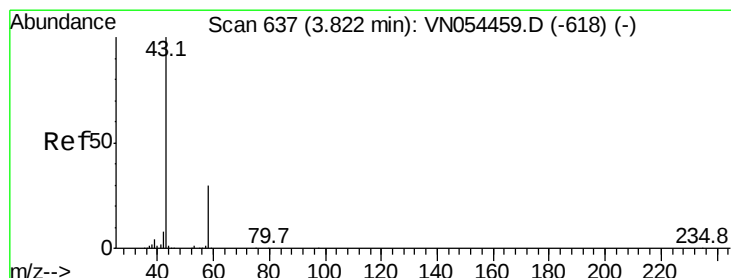
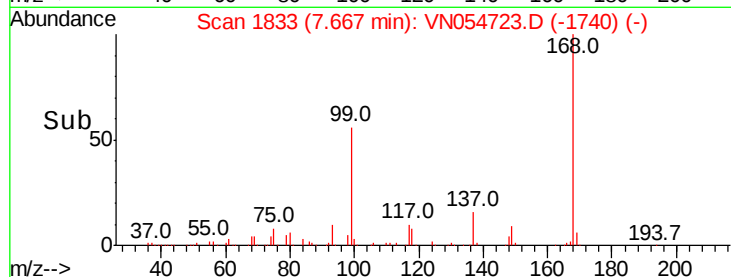
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.408 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054723.D

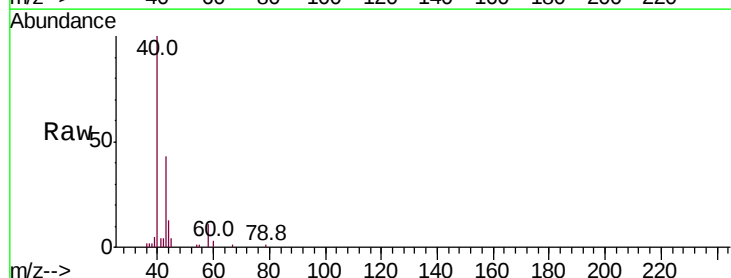
Acq: 27 Mar 2019 15:43

Tgt Ion: 43 Resp: 17014

Ion Ratio Lower Upper

43 100

58 28.1 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

8000

6000

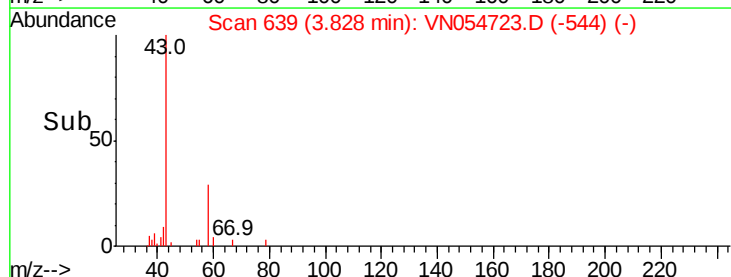
4000

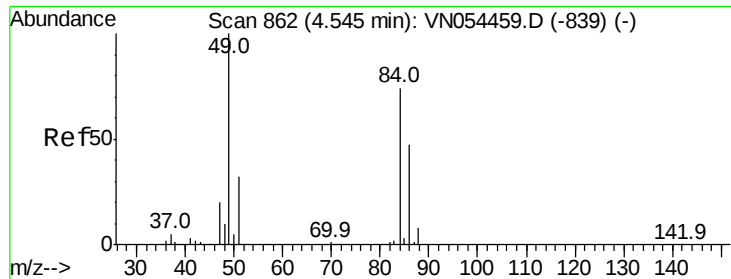
2000

0

3.75 3.80 3.85 3.90

Time-->

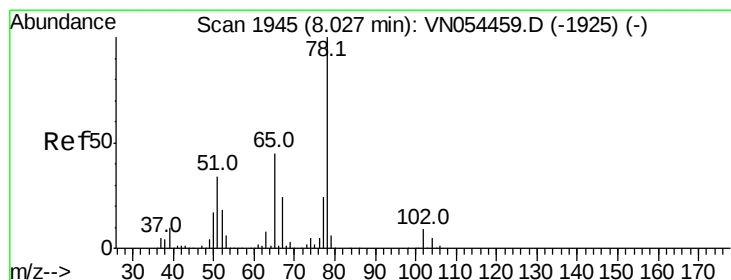
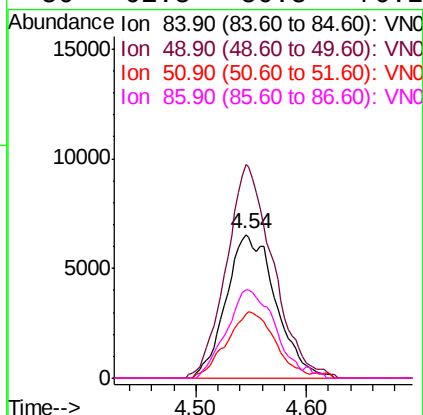
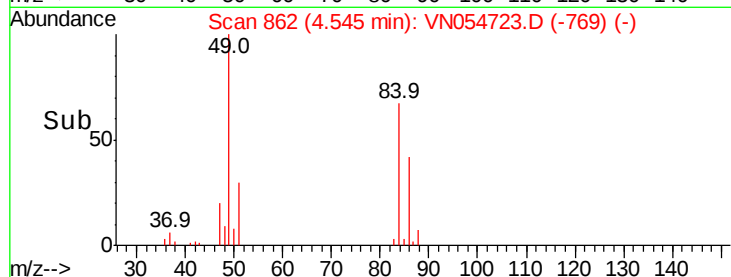
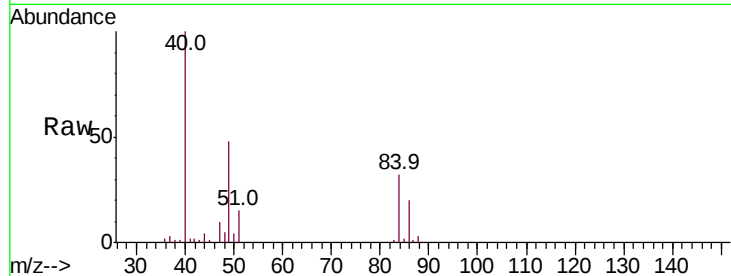




#20
Methvlene Chloride
Concen: 3.419 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054723.D
Acq: 27 Mar 2019 15:43

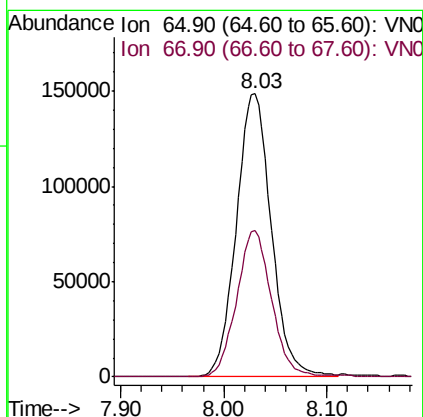
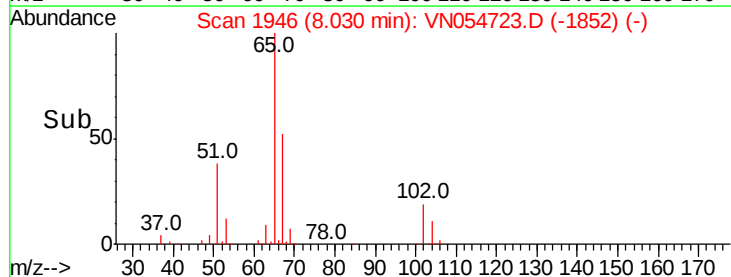
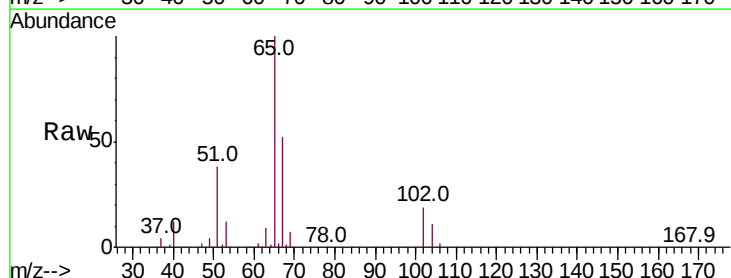
Instrument :
MSVOA_N
ClientSampled :
CS-18

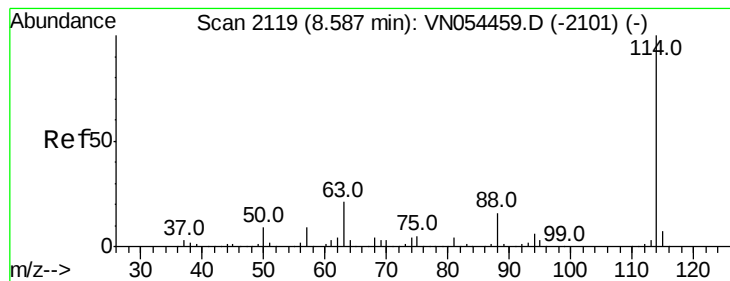
Tot Ion: 84 Resp: 20395
Ion Ratio Lower Upper
84 100
49 148.8 89.7 134.5#
51 45.0 28.2 42.4#
86 61.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 52.185 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054723.D
Acq: 27 Mar 2019 15:43

Tgt Ion: 65 Resp: 351219
Ion Ratio Lower Upper
65 100
67 51.3 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: VN054723.D

Acq: 27 Mar 2019 15:43

Instrument :

MSVOA_N

ClientSampled :

CS-18

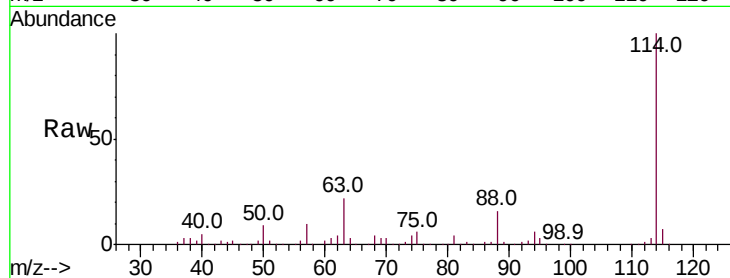
Tot Ion:114 Resp: 862692

Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.2

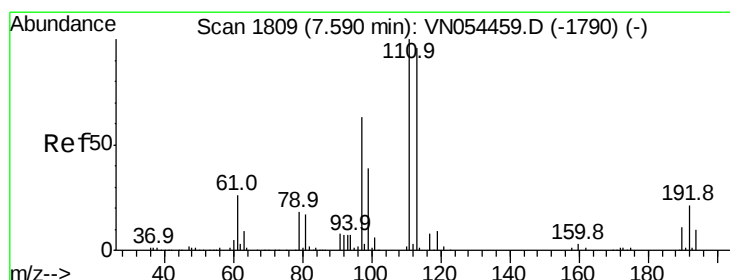
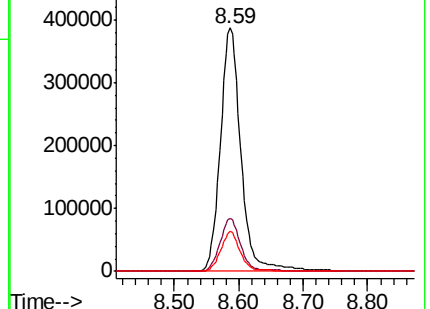
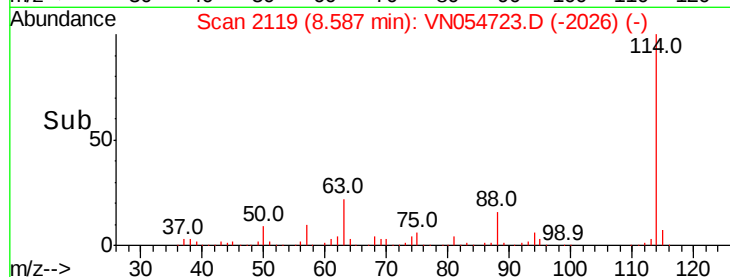
88 16.3 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.154 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054723.D

Acq: 27 Mar 2019 15:43

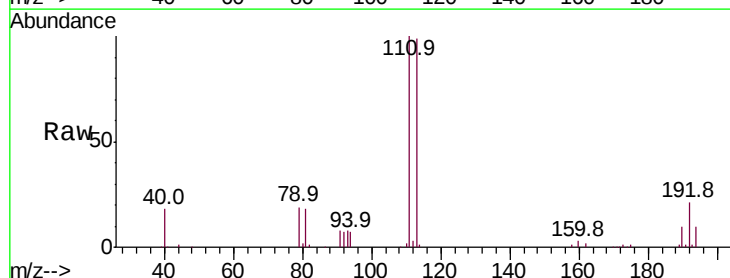
Tgt Ion:113 Resp: 273194

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

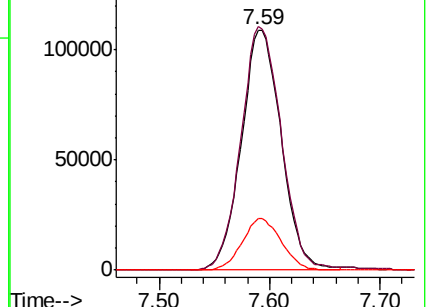
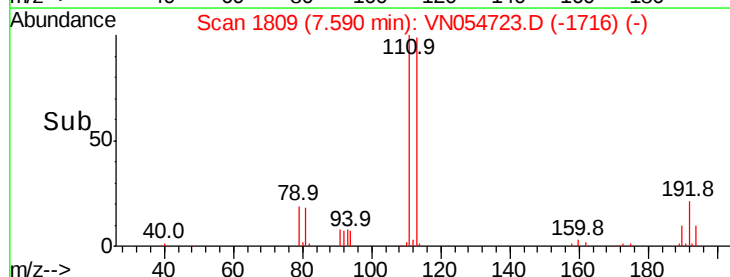
192 21.1 19.2 28.8

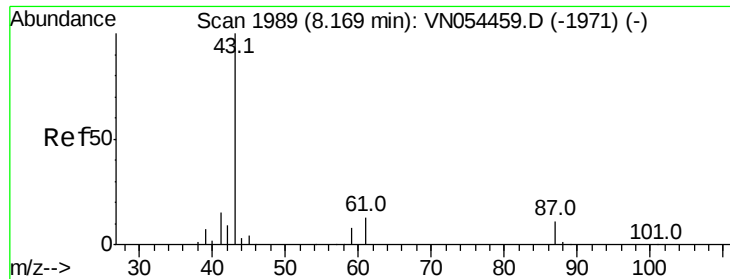


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.366 ug/l

RT: 8.17 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054723.D

Acq: 27 Mar 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

CS-18

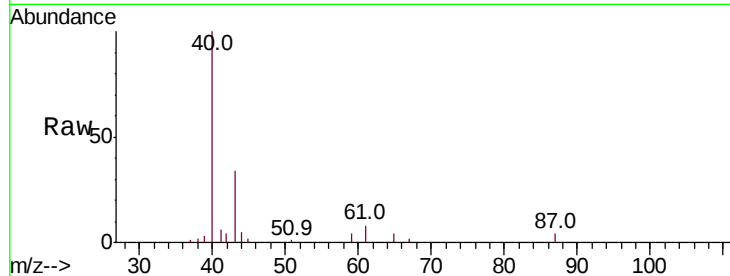
Tot Ion: 43 Resp: 13232

Ion Ratio Lower Upper

43 100

61 19.6 15.8 23.8

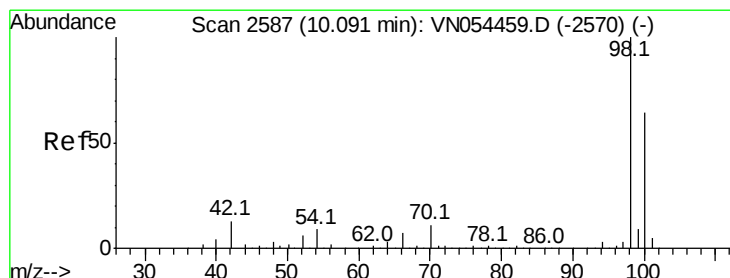
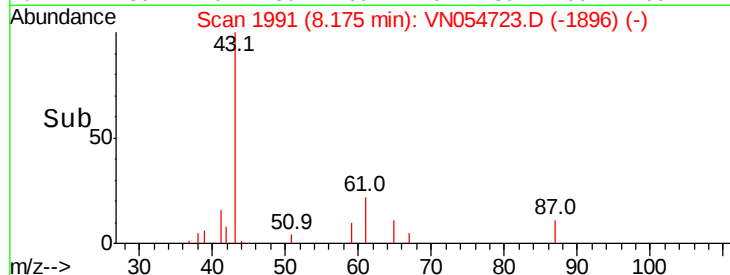
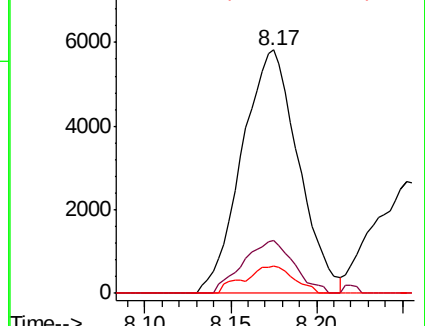
87 9.8 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.591 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054723.D

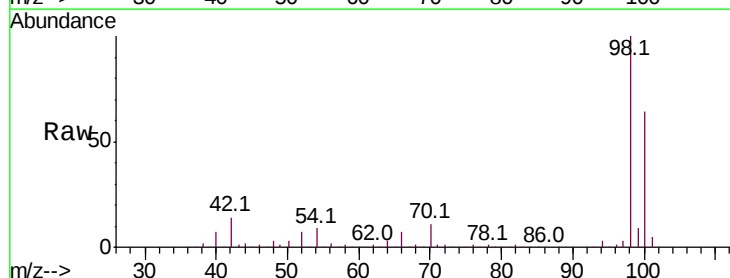
Acq: 27 Mar 2019 15:43

Tgt Ion: 98 Resp: 1036171

Ion Ratio Lower Upper

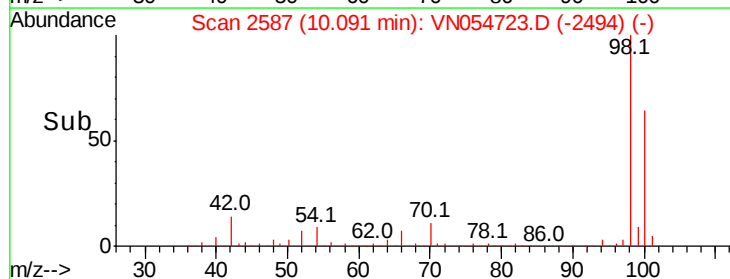
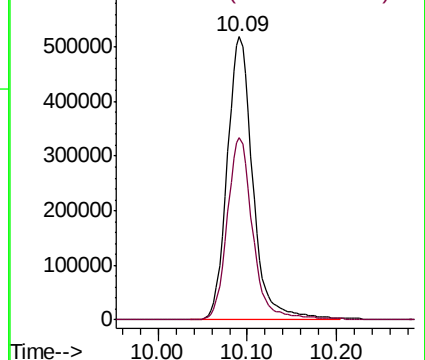
98 100

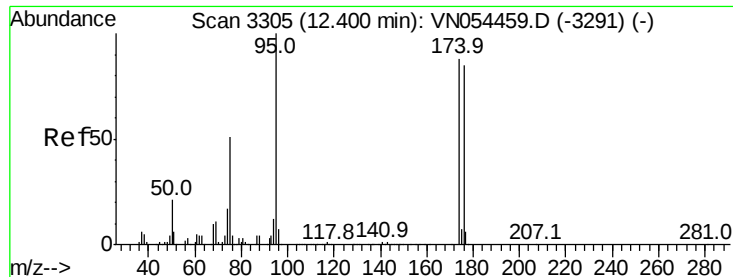
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.118 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054723.D

Acq: 27 Mar 2019 15:43

Instrument :

MSVOA_N

ClientSampleId :

CS-18

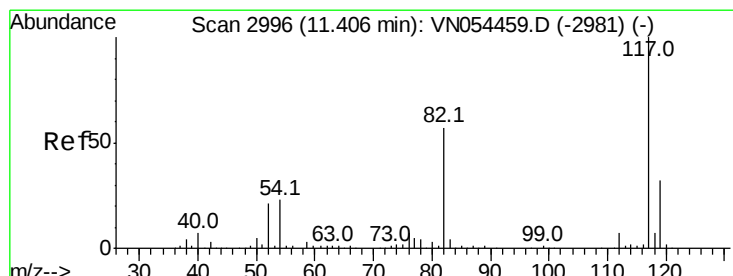
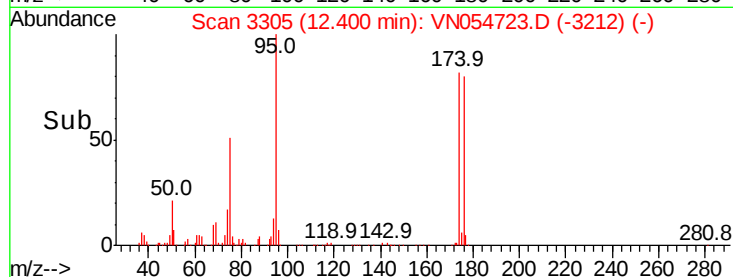
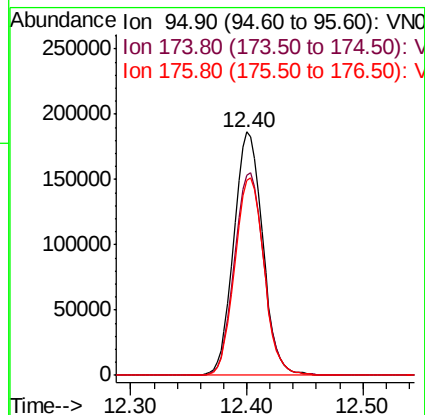
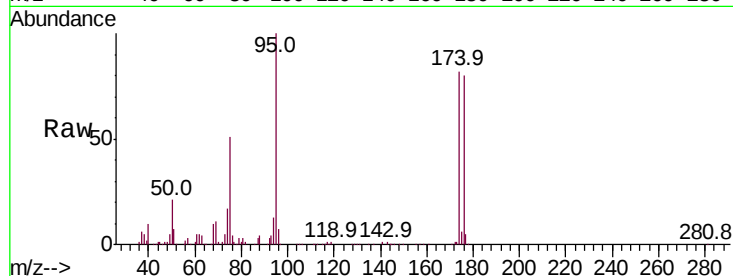
Tot Ion: 95 Resp: 320789

Ion Ratio Lower Upper

95 100

174 84.9 0.0 191.0

176 82.0 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054723.D

Acq: 27 Mar 2019 15:43

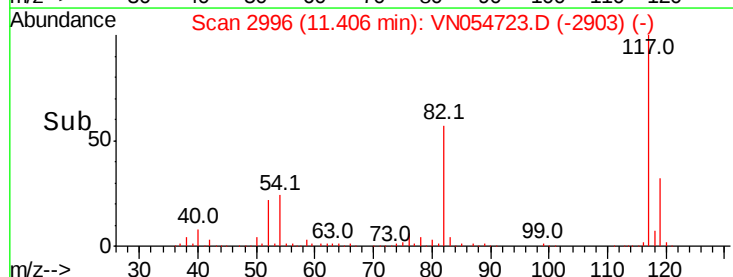
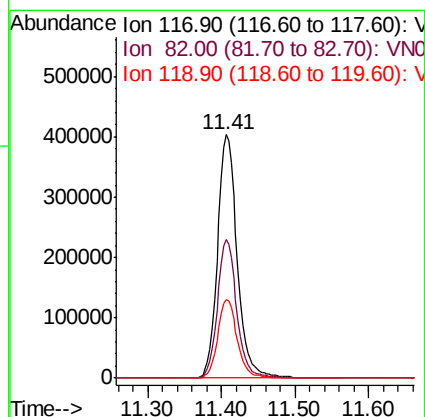
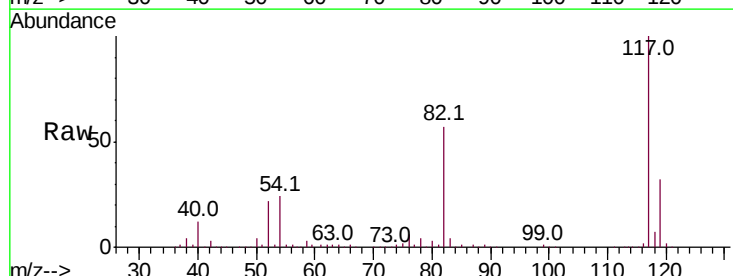
Tgt Ion: 117 Resp: 742371

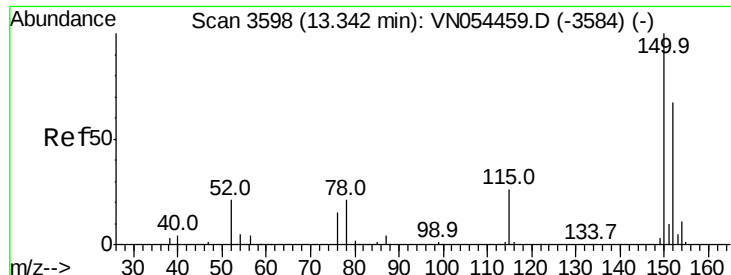
Ion Ratio Lower Upper

117 100

82 56.8 40.0 60.0

119 32.4 25.8 38.6

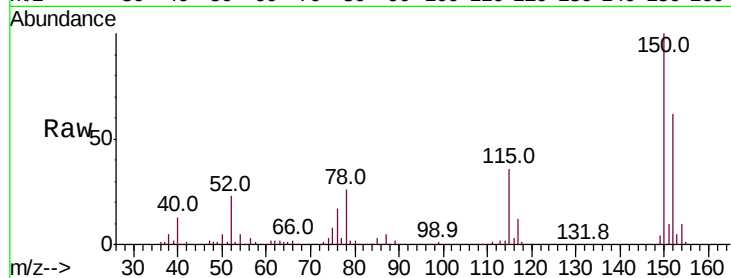




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN054723.D
 Acq: 27 Mar 2019 15:43

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-18

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	27.2	81.6
150	160.1	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

