

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054722.D
 Acq On : 27 Mar 2019 15:16
 Operator : JC/SP
 Sample : K2086-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-16

Quant Time: Mar 28 07:15:10 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

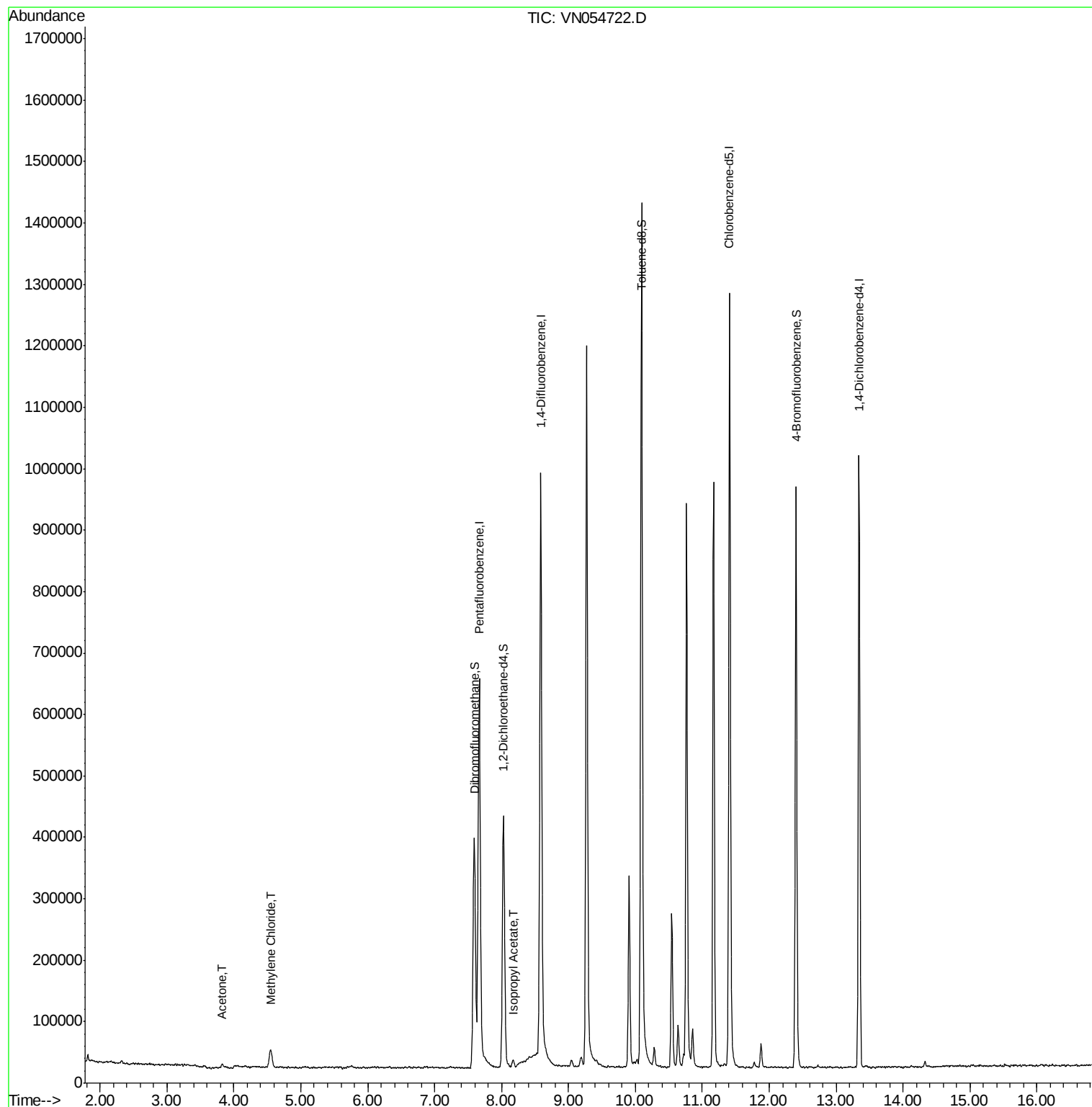
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	540514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	886328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	746223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	264358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	354715	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	7.59	113	280917	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	10.09	98	1062131	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.40	95	318732	43.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.26%	
Target Compounds						
16) Acetone	3.82	43	10054	4.974	ug/l	93
20) Methylene Chloride	4.55	84	18806	3.156	ug/l #	84
43) Isopropyl Acetate	8.17	43	14675	1.474	ug/l	94

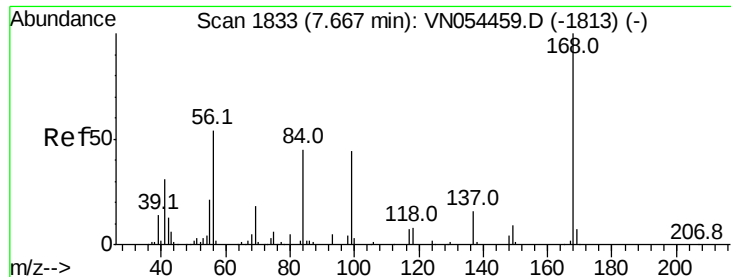
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032719\
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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: VN054722.D

Acq: 27 Mar 2019 15:16

Instrument :

MSVOA_N

ClientSampled :

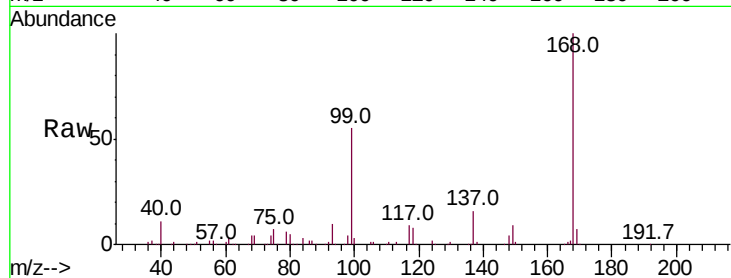
CS-16

Tot Ion:168 Resp: 540514

Ion Ratio Lower Upper

168 100

99 54.8 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

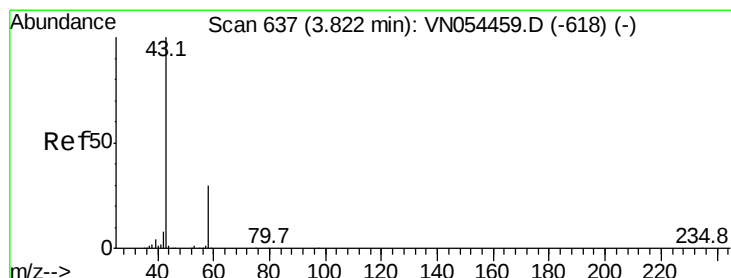
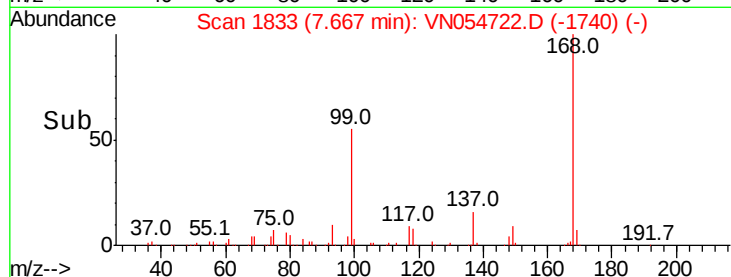
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.974 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054722.D

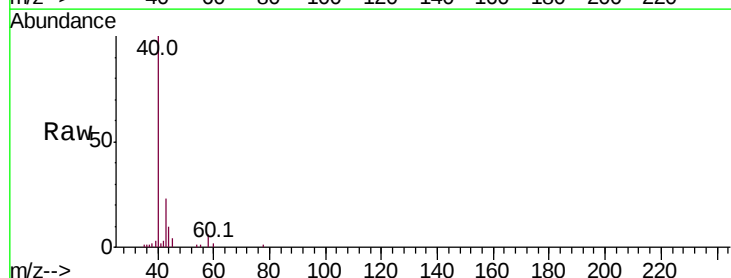
Acq: 27 Mar 2019 15:16

Tgt Ion: 43 Resp: 10054

Ion Ratio Lower Upper

43 100

58 33.3 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

5000

4000

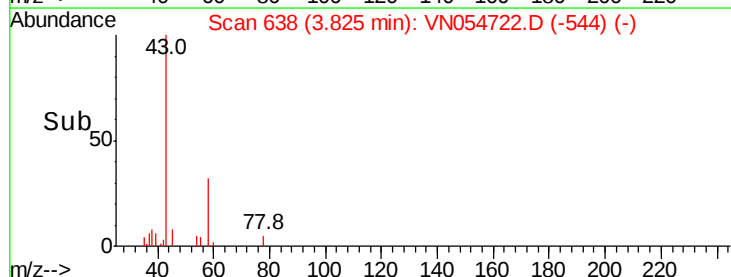
3000

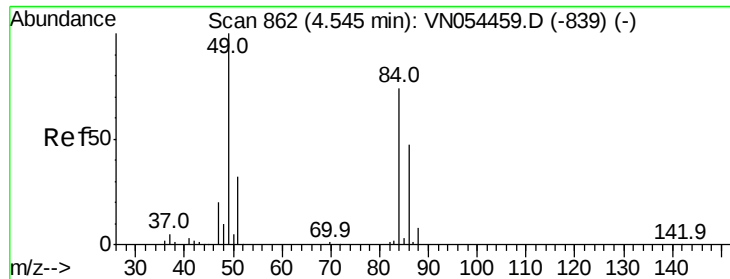
2000

1000

0

Time-->

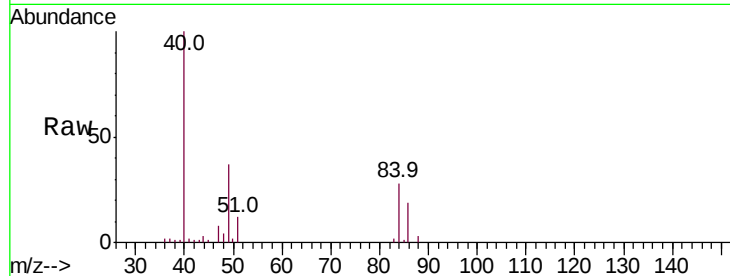




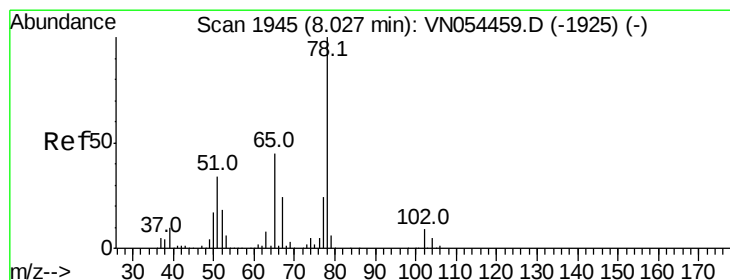
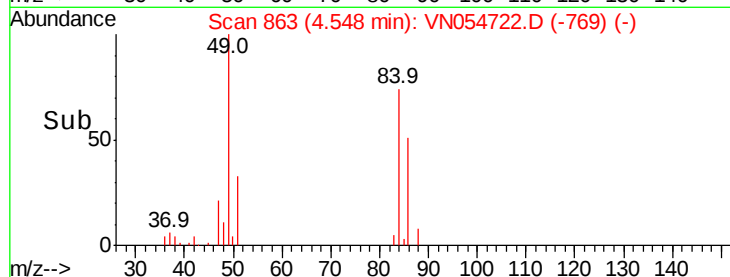
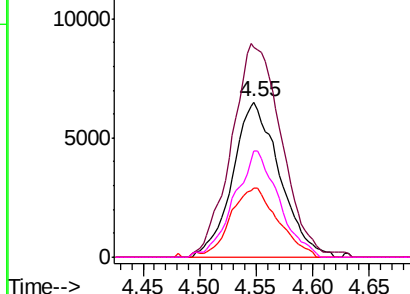
#20
Methvlene Chloride
Concen: 3.156 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054722.D
Acq: 27 Mar 2019 15:16

Instrument :
MSVOA_N
ClientSampled :
CS-16

Tot Ion: 84 Resp: 18806
Ion Ratio Lower Upper
84 100
49 135.4 89.7 134.5#
51 44.8 28.2 42.4#
86 68.5 50.8 76.2

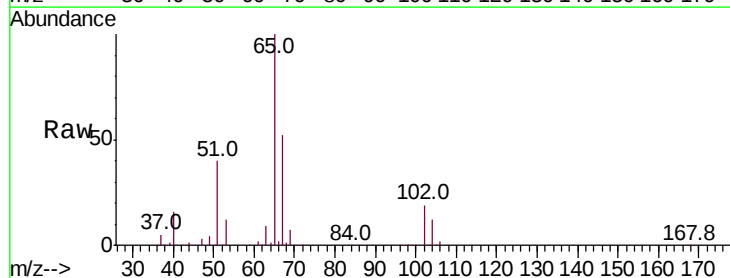


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

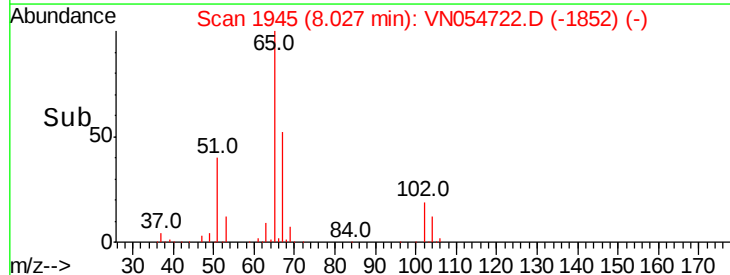
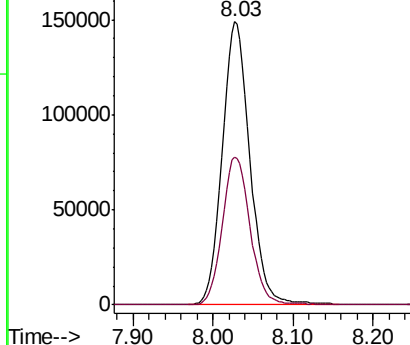


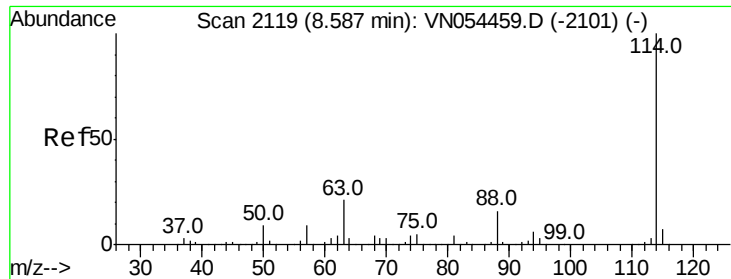
#33
1,2-Dichloroethane-d4
Concen: 52.760 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054722.D
Acq: 27 Mar 2019 15:16

Tgt Ion: 65 Resp: 354715
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

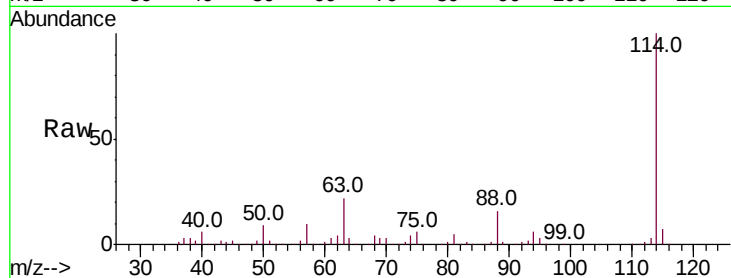




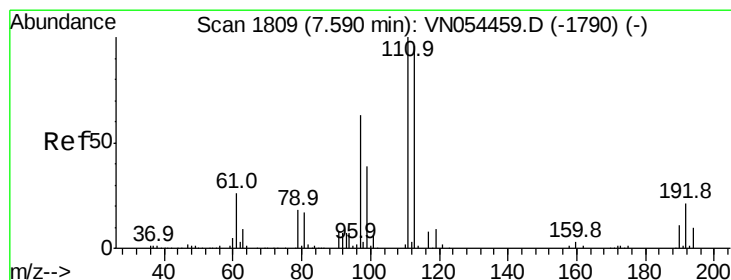
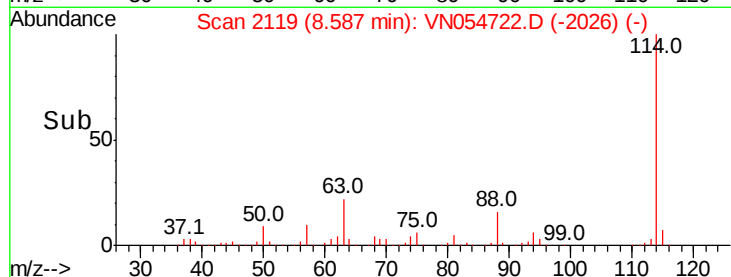
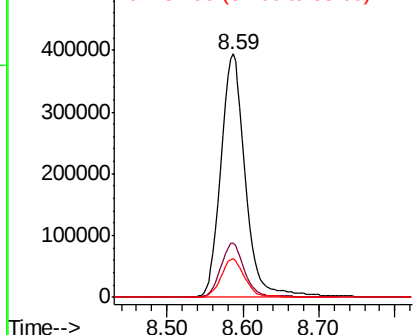
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054722.D
 Acq: 27 Mar 2019 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-16

Tot Ion:114 Resp: 886328
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 35.2
 88 15.7 0.0 30.2

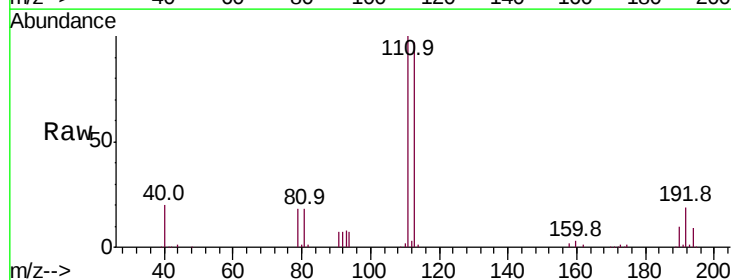


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

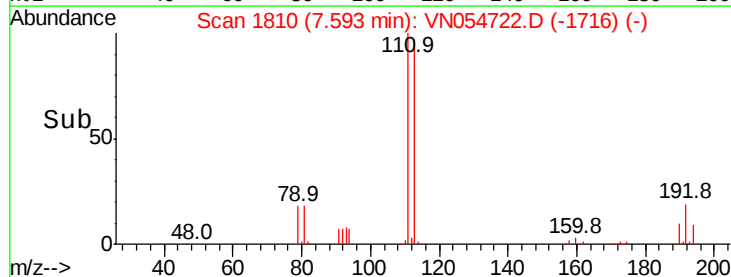
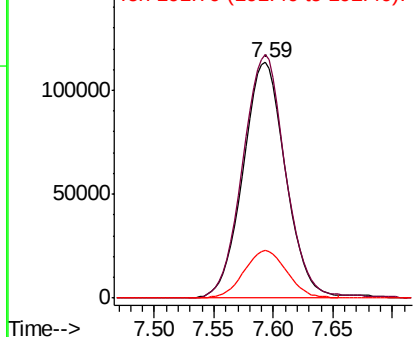


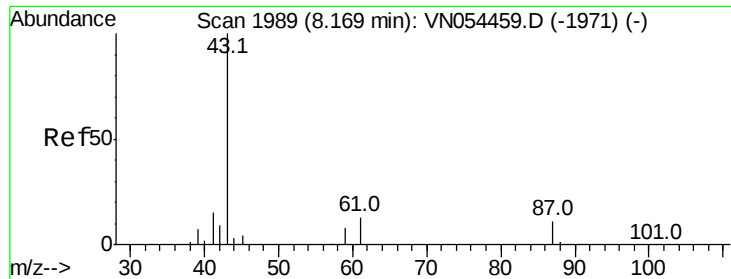
#35
 Dibromofluoromethane
 Concen: 49.196 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054722.D
 Acq: 27 Mar 2019 15:16

Tgt Ion:113 Resp: 280917
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.2 123.4
 192 20.4 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: 1.474 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054722.D

Acq: 27 Mar 2019 15:16

Instrument :

MSVOA_N

ClientSampled :

CS-16

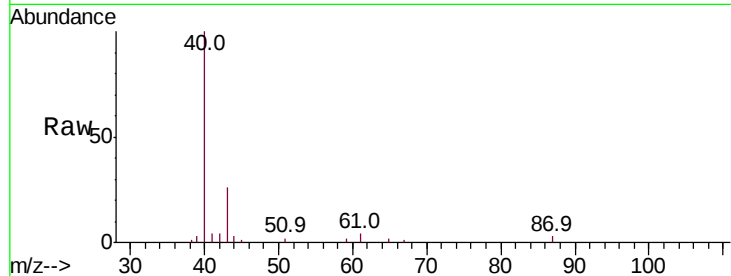
Tot Ion: 43 Resp: 14675

Ion Ratio Lower Upper

43 100

61 17.7 15.8 23.8

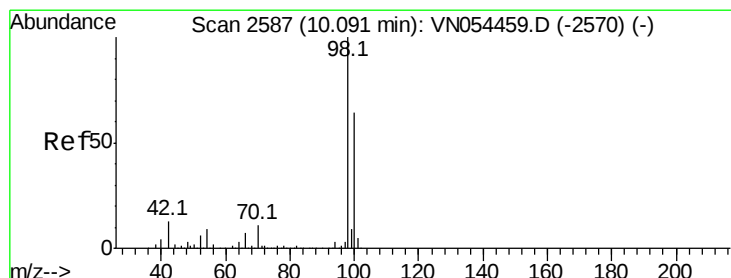
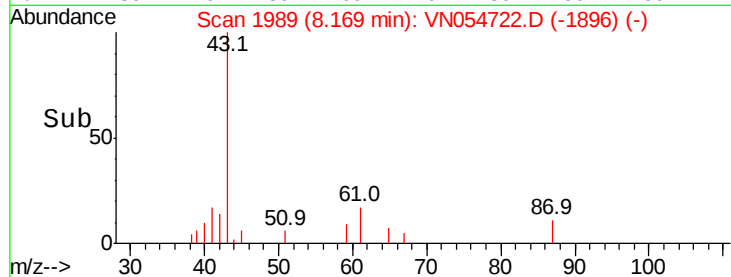
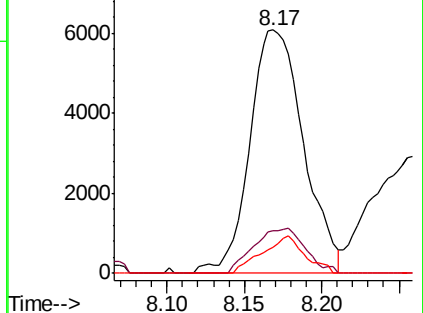
87 12.1 12.0 18.0



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: 49.478 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054722.D

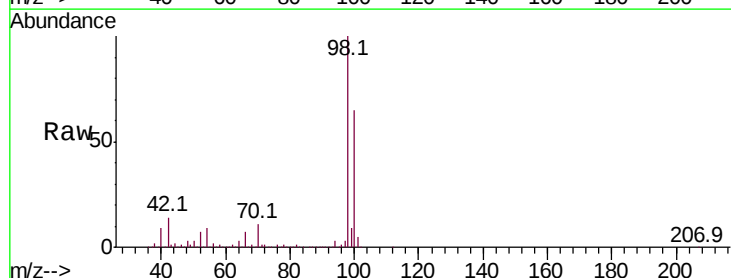
Acq: 27 Mar 2019 15:16

Tgt Ion: 98 Resp: 1062131

Ion Ratio Lower Upper

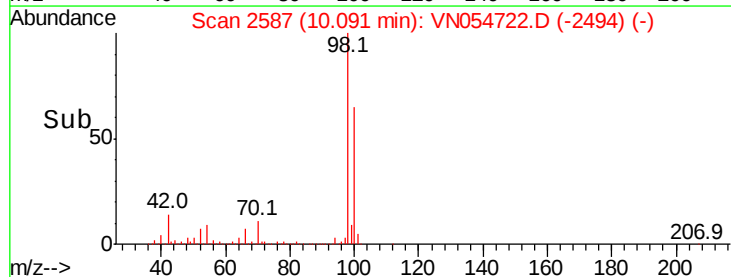
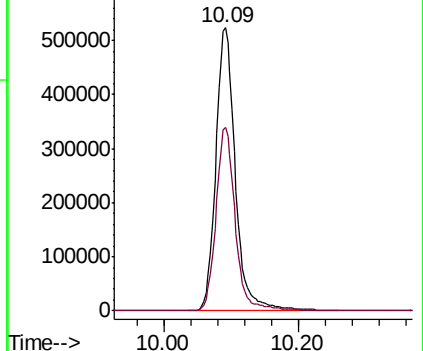
98 100

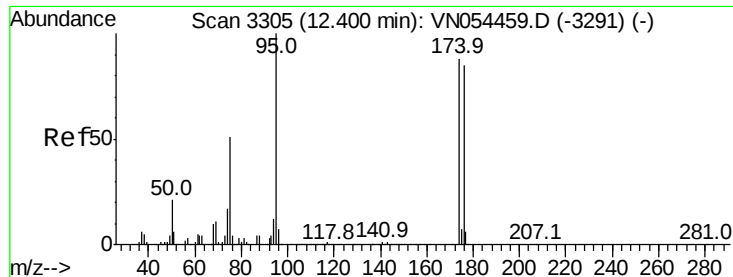
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.634 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054722.D

Acq: 27 Mar 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

CS-16

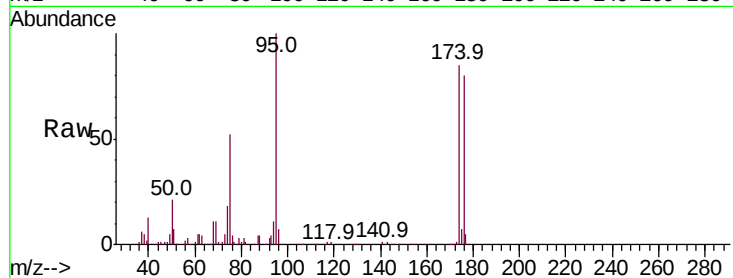
Tot Ion: 95 Resp: 318732

Ion Ratio Lower Upper

95 100

174 85.3 0.0 191.0

176 81.2 0.0 187.4

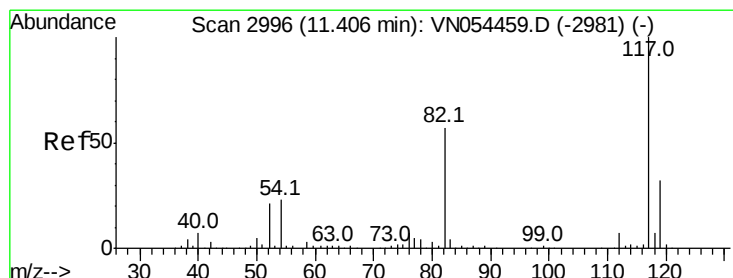
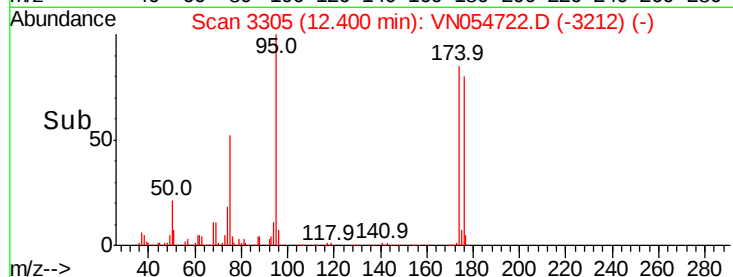
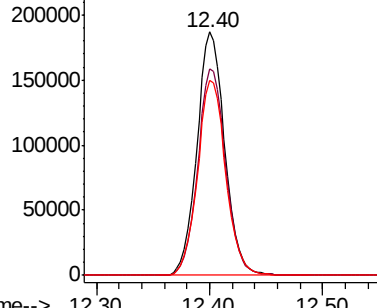


Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

250000

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: VN054722.D

Acq: 27 Mar 2019 15:16

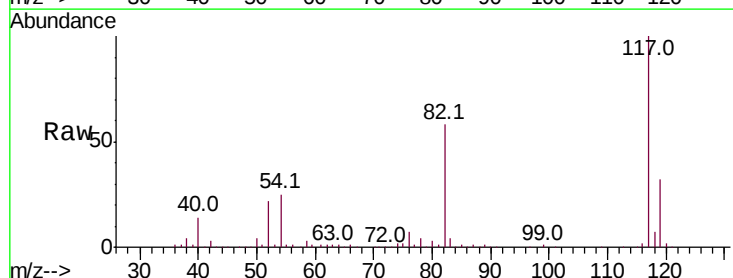
Tgt Ion: 117 Resp: 746223

Ion Ratio Lower Upper

117 100

82 57.7 40.0 60.0

119 31.7 25.8 38.6

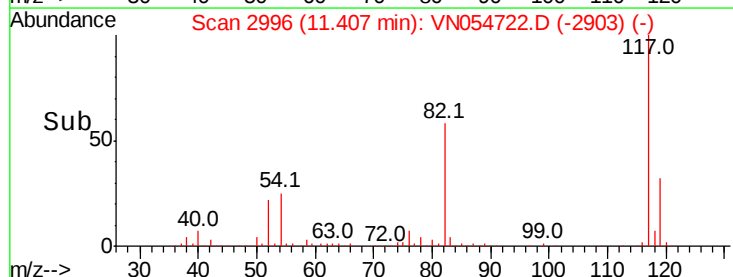
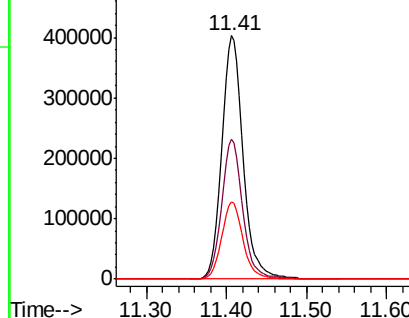


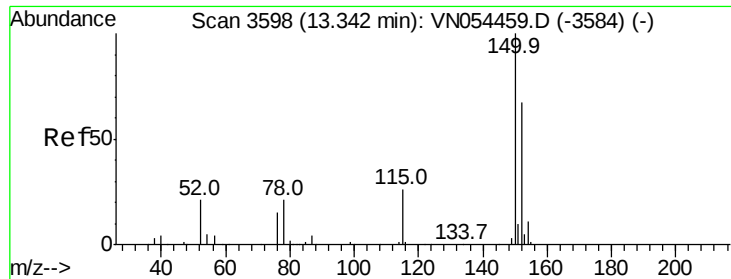
Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

500000

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: VN054722.D

Acq: 27 Mar 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

CS-16

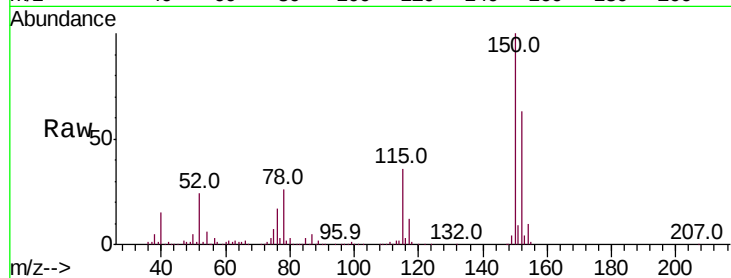
Tot Ion:152 Resp: 264358

Ion Ratio Lower Upper

152 100

115 58.4 27.2 81.6

150 158.4 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

