

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054730.D
 Acq On : 27 Mar 2019 18:47
 Operator : JC/SP
 Sample : K2086-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-12

Quant Time: Mar 28 07:30:57 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

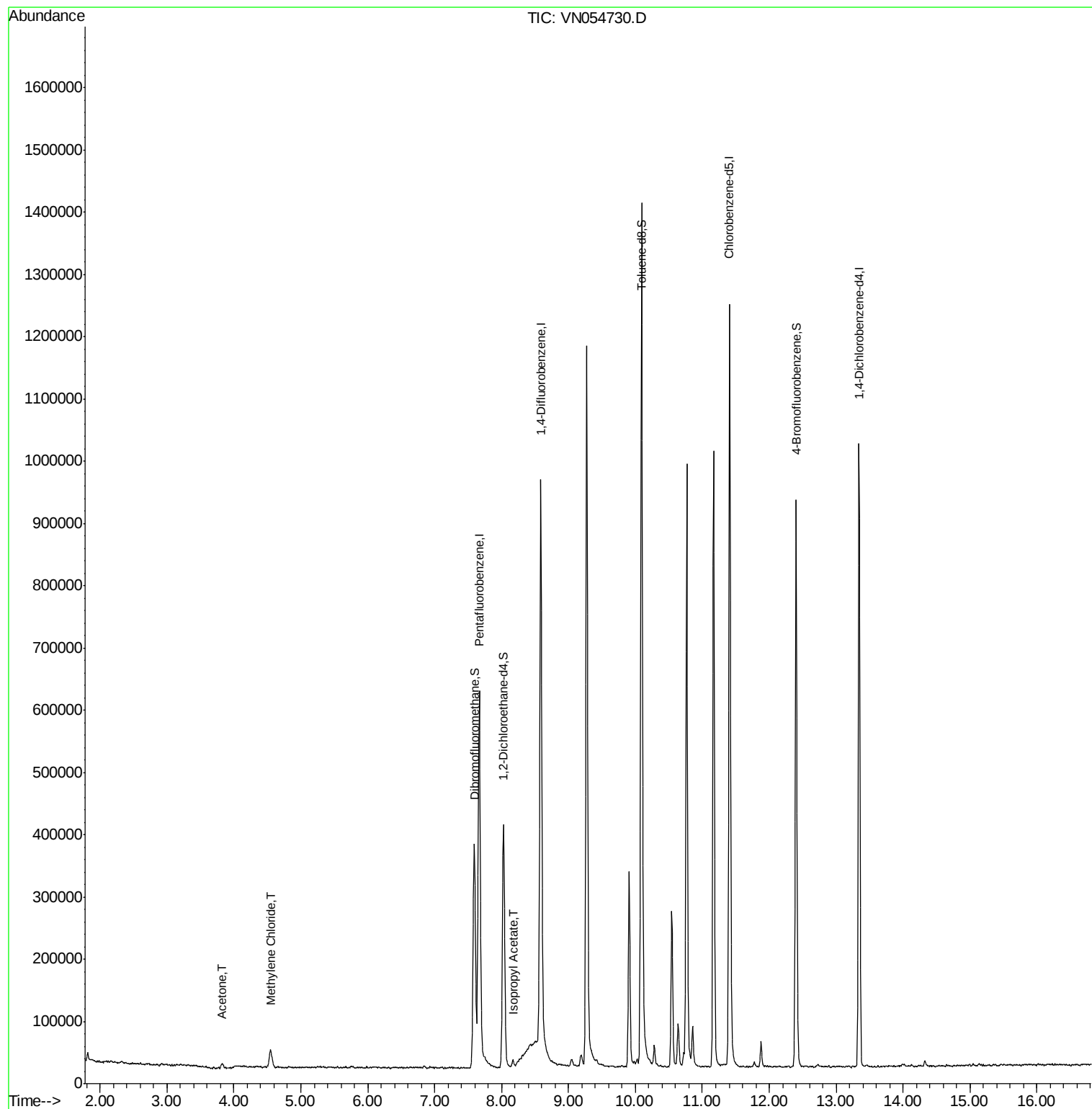
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	508851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	841714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	724881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	261105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	337931	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
35) Dibromofluoromethane	7.59	113	271897	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.09	98	1022218	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	312188	45.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.00%	
Target Compounds						
16) Acetone	3.82	43	12577	6.609	ug/l #	75
20) Methylene Chloride	4.55	84	17690	3.154	ug/l #	79
43) Isopropyl Acetate	8.17	43	14536	1.538	ug/l #	93

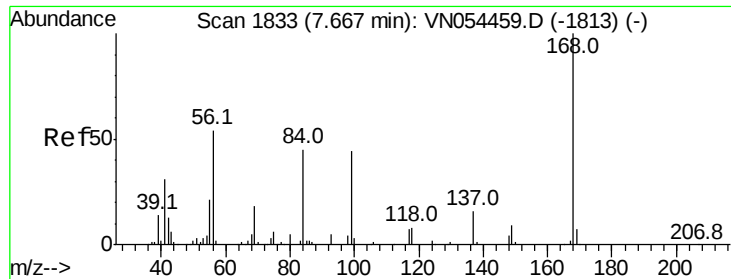
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032719\
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QLast Update : Fri Mar 22 02:09:07 2019
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: VN054730.D

Acq: 27 Mar 2019 18:47

Instrument :

MSVOA_N

ClientSampled :

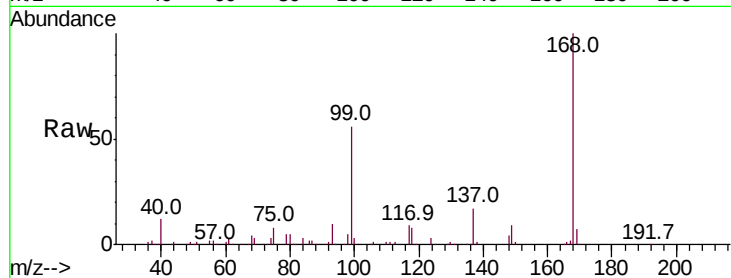
CS-12

Tot Ion:168 Resp: 508851

Ion Ratio Lower Upper

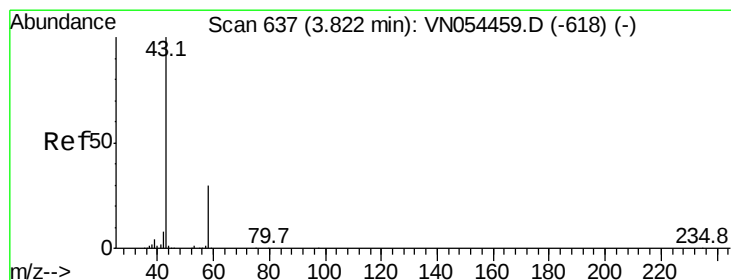
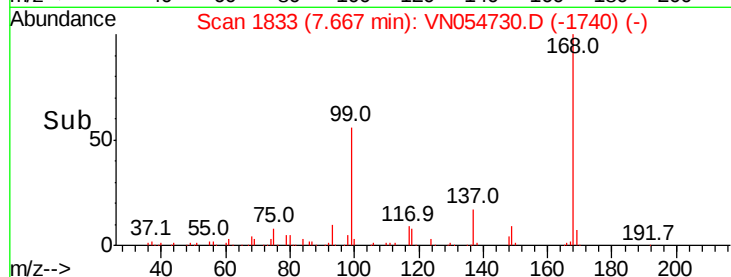
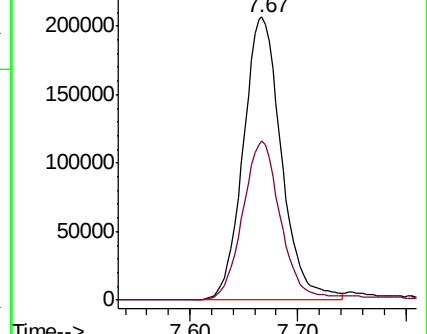
168 100

99 56.3 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.609 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054730.D

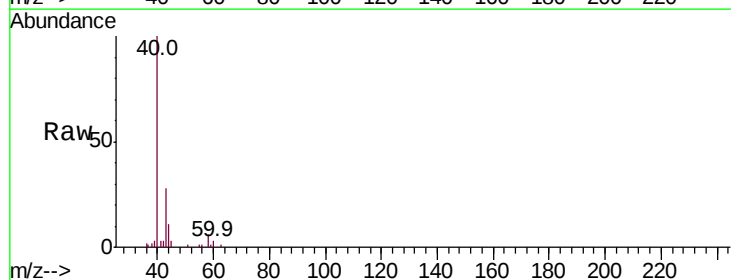
Acq: 27 Mar 2019 18:47

Tgt Ion: 43 Resp: 12577

Ion Ratio Lower Upper

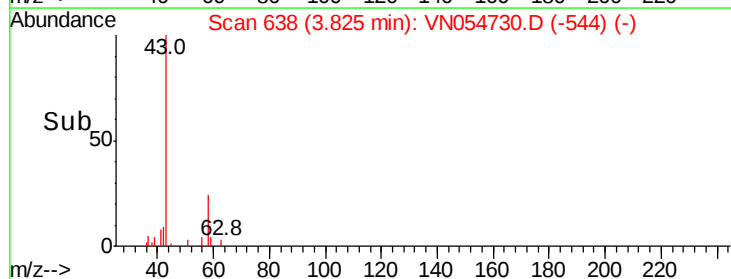
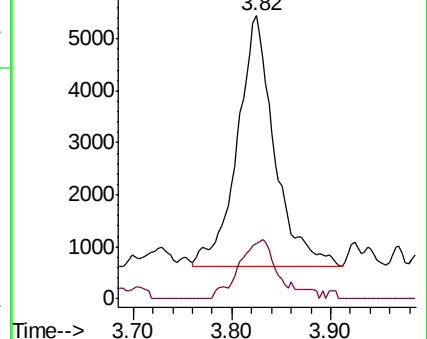
43 100

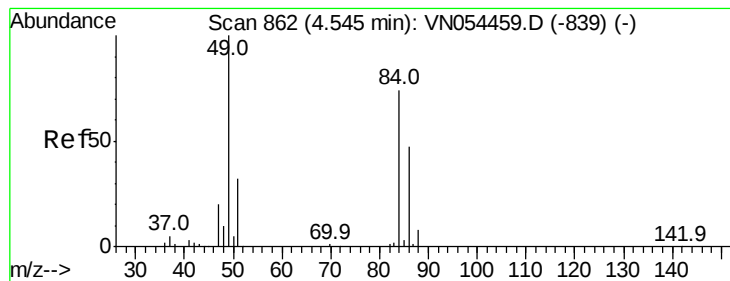
58 22.3 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 3.154 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054730.D

Acq: 27 Mar 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

CS-12

Tot Ion: 84 Resp: 17690

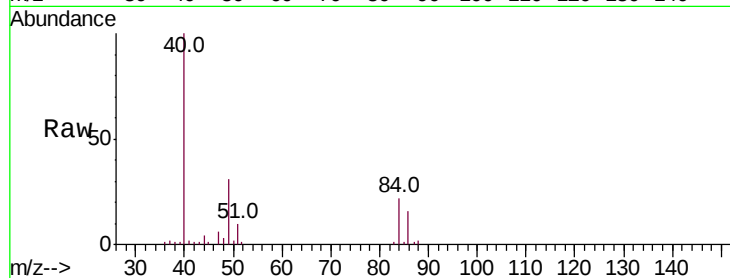
Ion Ratio Lower Upper

84 100

49 141.7 89.7 134.5#

51 44.9 28.2 42.4#

86 71.3 50.8 76.2

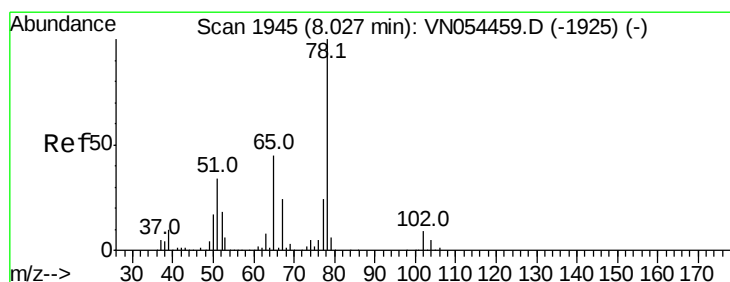
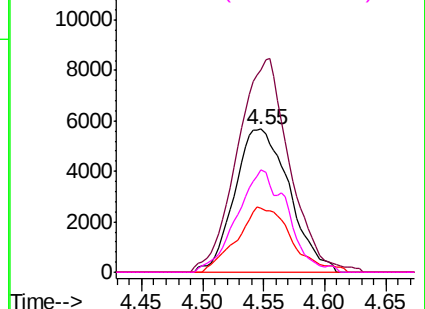
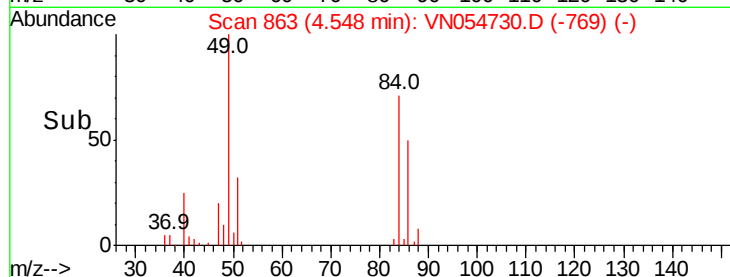


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 53.392 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054730.D

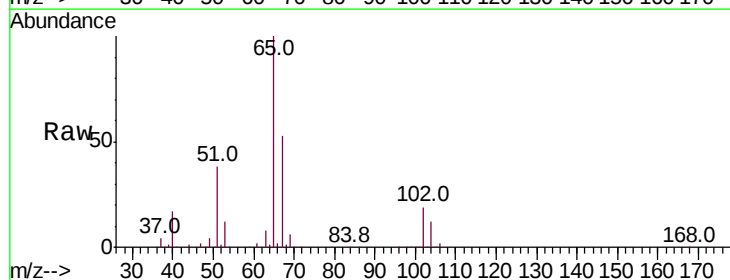
Acq: 27 Mar 2019 18:47

Tgt Ion: 65 Resp: 337931

Ion Ratio Lower Upper

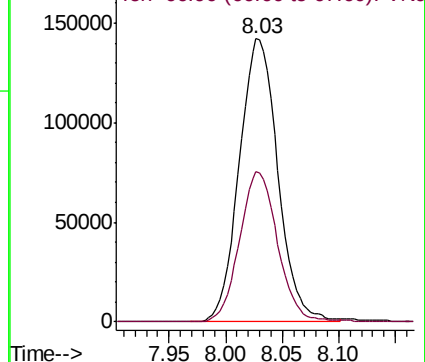
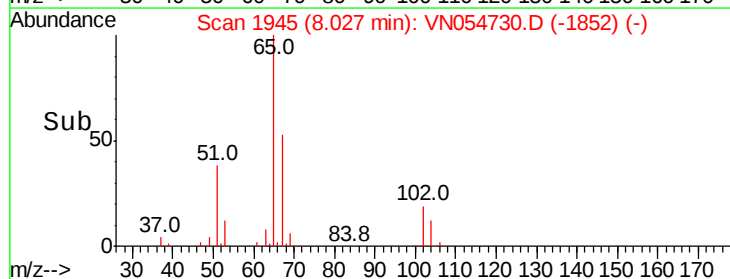
65 100

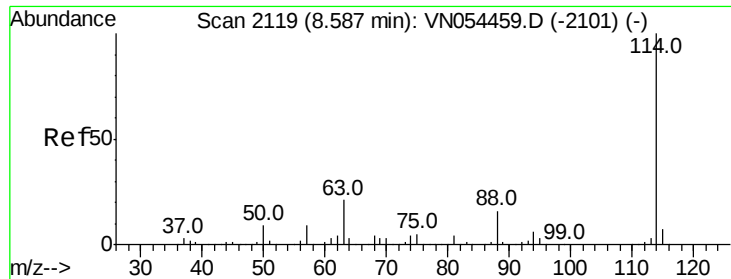
67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

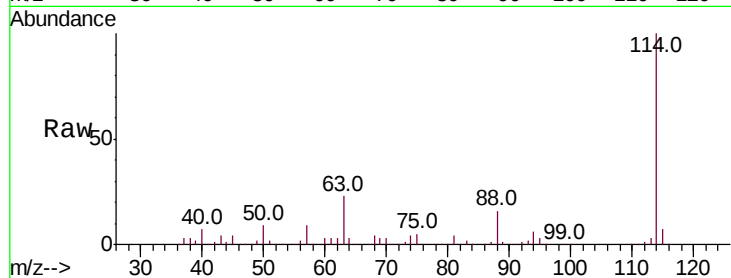




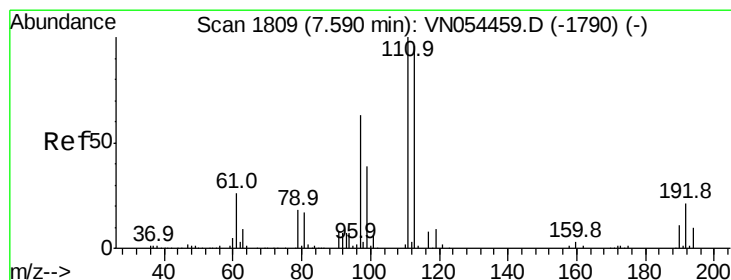
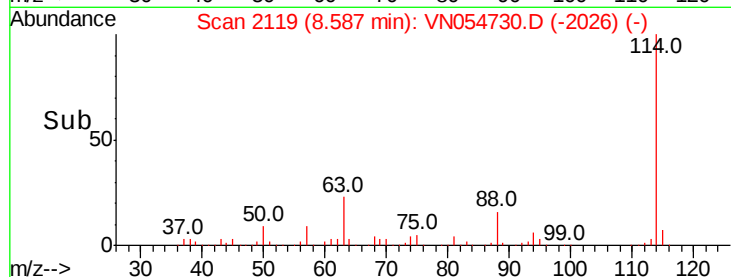
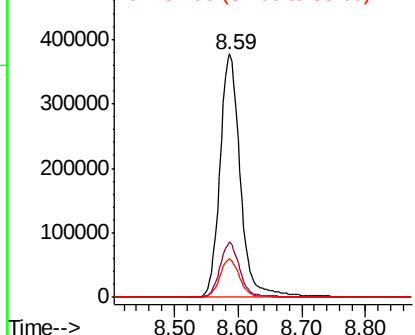
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054730.D
Acq: 27 Mar 2019 18:47

Instrument :
MSVOA_N
ClientSampleId :
CS-12

Tot Ion:114 Resp: 841714
Ion Ratio Lower Upper
114 100
63 22.6 0.0 35.2
88 15.8 0.0 30.2

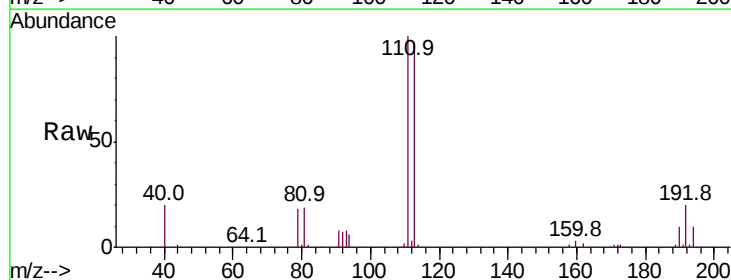


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

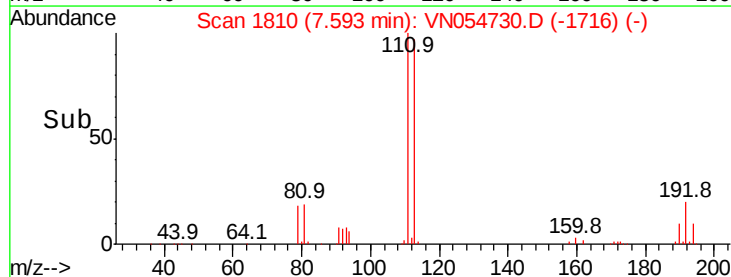
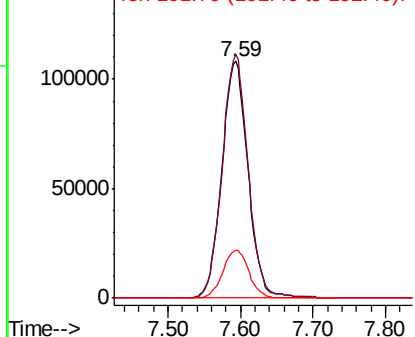


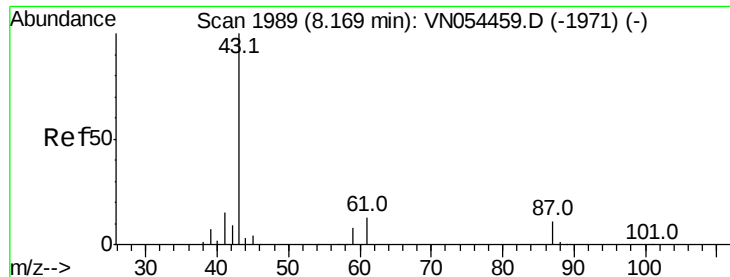
#35
Dibromofluoromethane
Concen: 50.140 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054730.D
Acq: 27 Mar 2019 18:47

Tgt Ion:113 Resp: 271897
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.2 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: 1.538 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054730.D

Acq: 27 Mar 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

CS-12

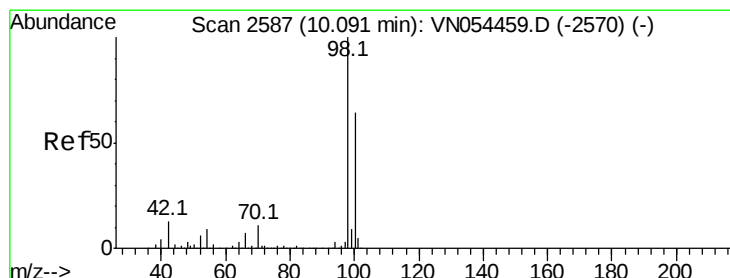
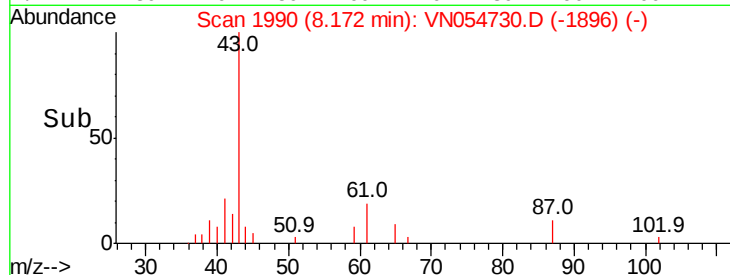
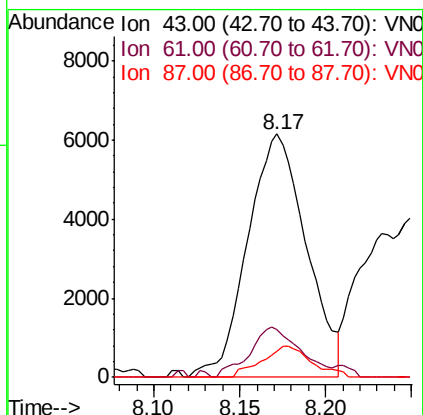
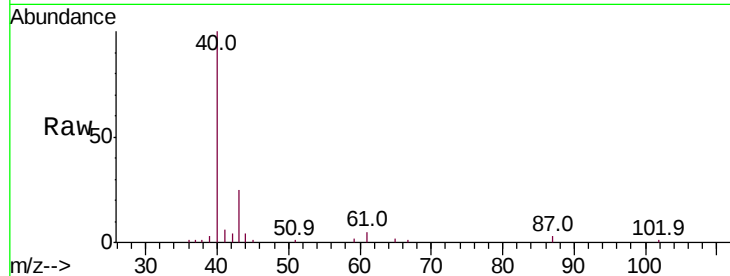
Tot Ion: 43 Resp: 14536

Ion Ratio Lower Upper

43 100

61 17.8 15.8 23.8

87 10.9 12.0 18.0#



#50

Toluene-d8

Concen: 50.143 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054730.D

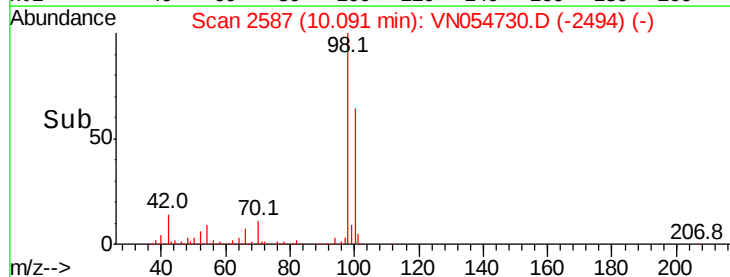
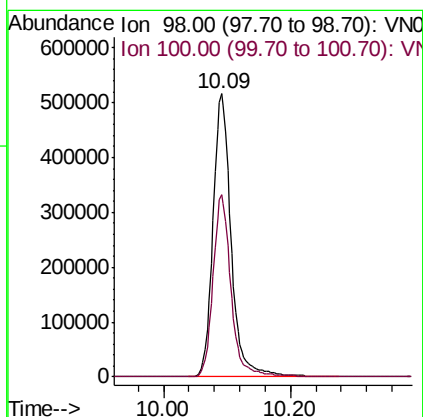
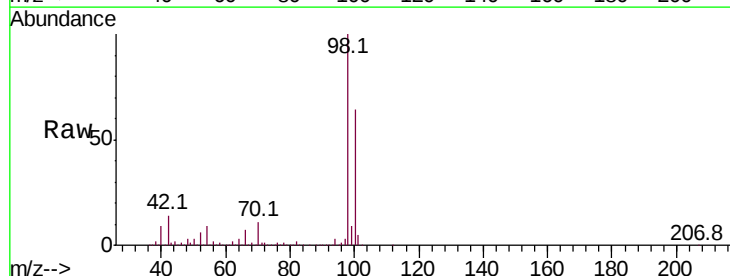
Acq: 27 Mar 2019 18:47

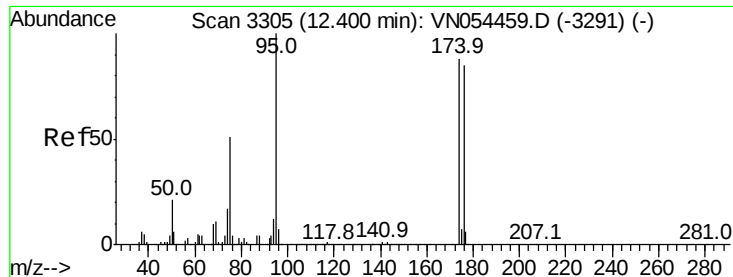
Tgt Ion: 98 Resp: 1022218

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 45.003 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054730.D

Acq: 27 Mar 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

CS-12

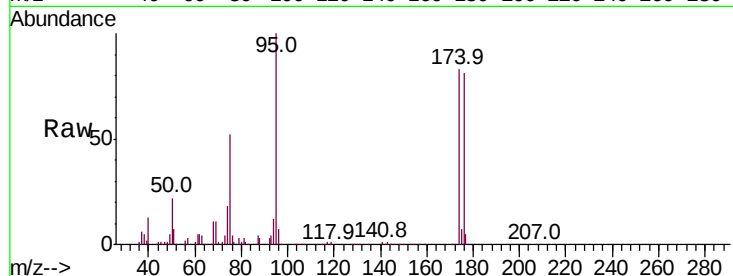
Tot Ion: 95 Resp: 312188

Ion Ratio Lower Upper

95 100

174 84.5 0.0 191.0

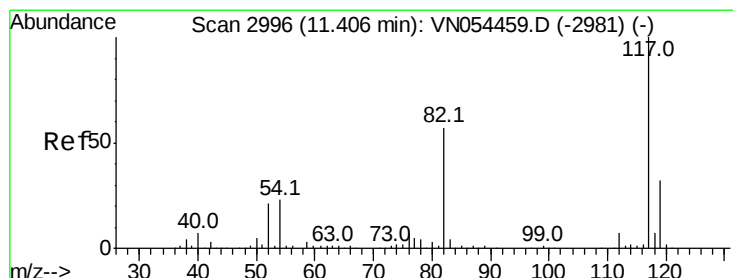
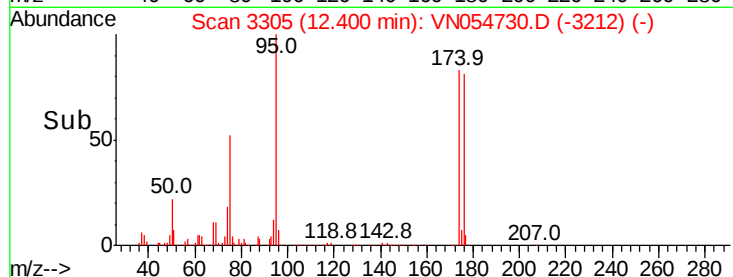
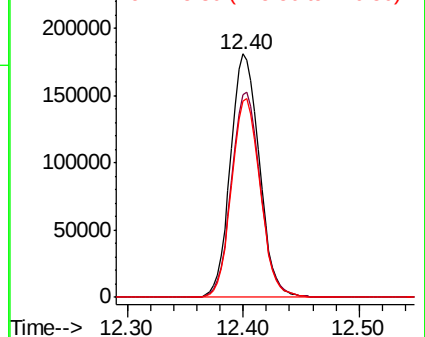
176 81.5 0.0 187.4



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

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# 2997

Delta R.T. 0.00 min

Lab File: VN054730.D

Acq: 27 Mar 2019 18:47

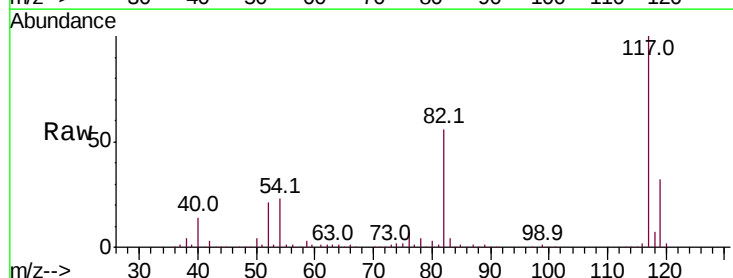
Tgt Ion: 117 Resp: 724881

Ion Ratio Lower Upper

117 100

82 55.9 40.0 60.0

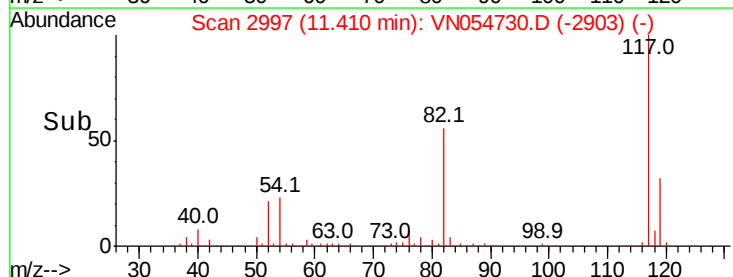
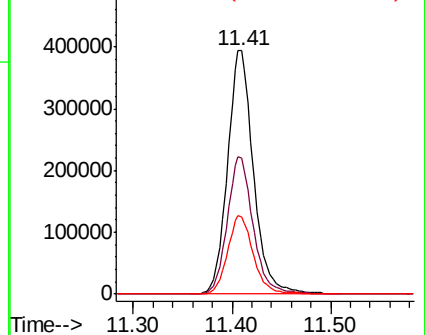
119 31.6 25.8 38.6

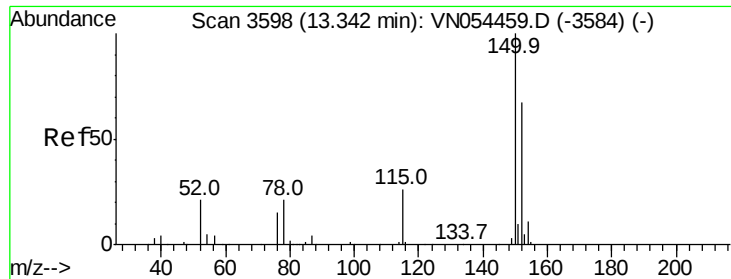


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

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: VN054730.D

Acq: 27 Mar 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

CS-12

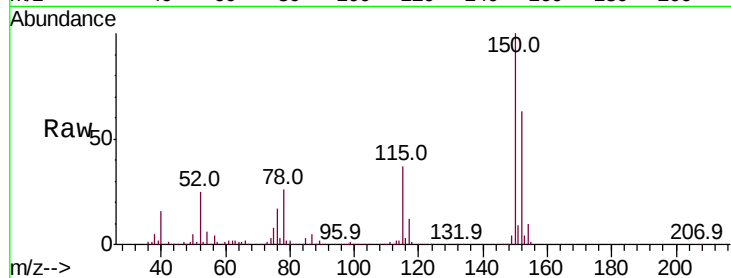
Tot Ion:152 Resp: 261105

Ion Ratio Lower Upper

152 100

115 59.2 27.2 81.6

150 159.3 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

