

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054716.D
 Acq On : 27 Mar 2019 12:38
 Operator : JC/SP
 Sample : K2086-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-11

Quant Time: Mar 28 07:02:13 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

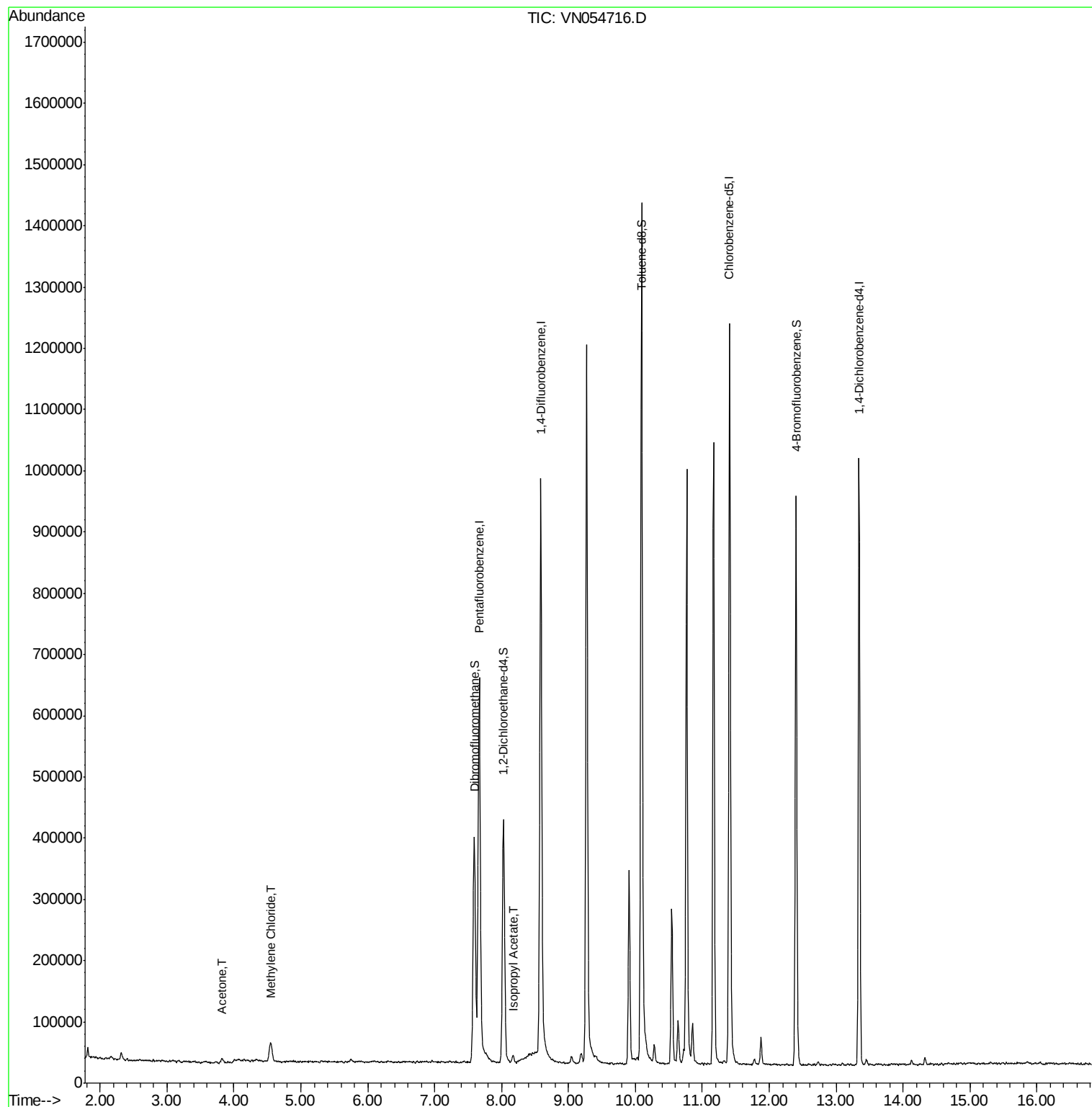
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	531914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	861580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	737345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	262202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	345156	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	7.59	113	276887	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	10.09	98	1044724	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	12.40	95	316384	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
16) Acetone	3.82	43	12192	6.129	ug/l #	82
20) Methylene Chloride	4.55	84	20815	3.550	ug/l #	83
43) Isopropyl Acetate	8.17	43	15390	1.590	ug/l #	94

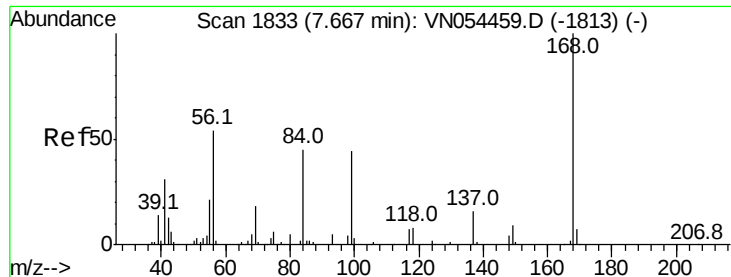
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054716.D

Acq: 27 Mar 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

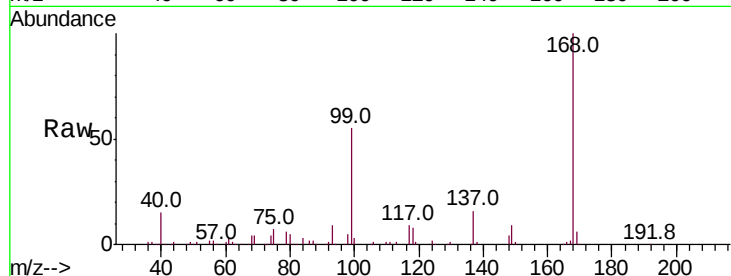
CS-11

Tot Ion:168 Resp: 531914

Ion Ratio Lower Upper

168 100

99 55.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054716.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054716.D (-1740) (-)

7.67

250000

200000

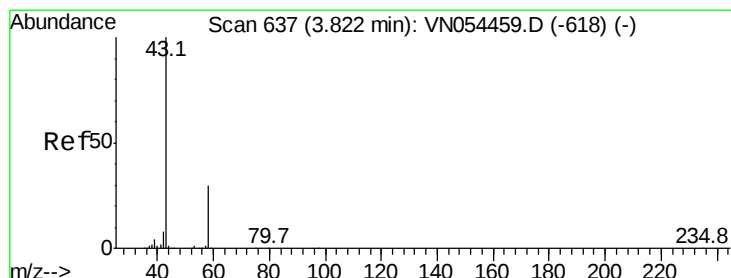
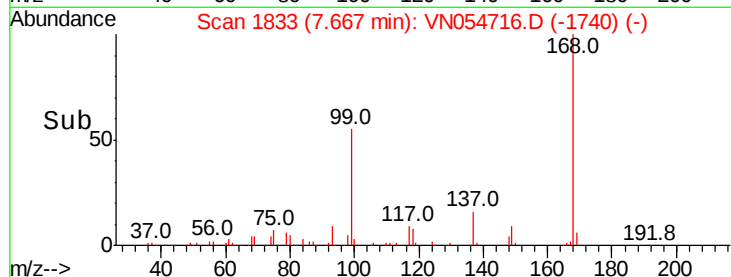
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.129 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054716.D

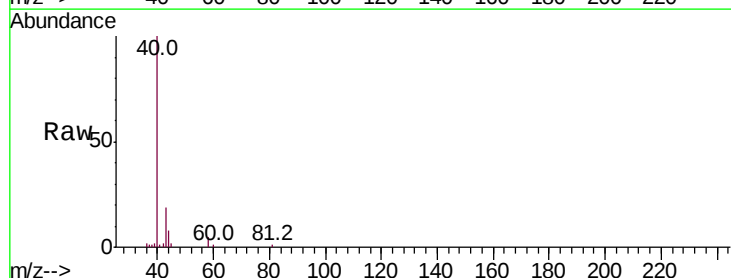
Acq: 27 Mar 2019 12:38

Tgt Ion: 43 Resp: 12192

Ion Ratio Lower Upper

43 100

58 26.7 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054716.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN054716.D (-544) (-)

3.82

6000

5000

4000

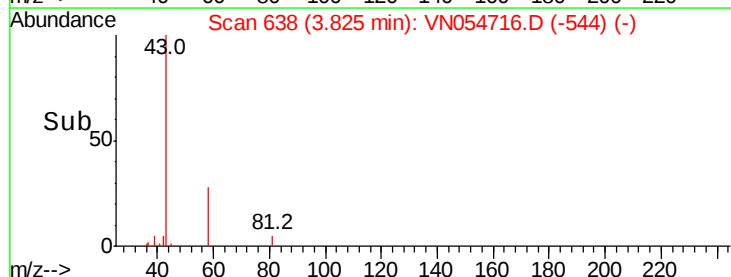
3000

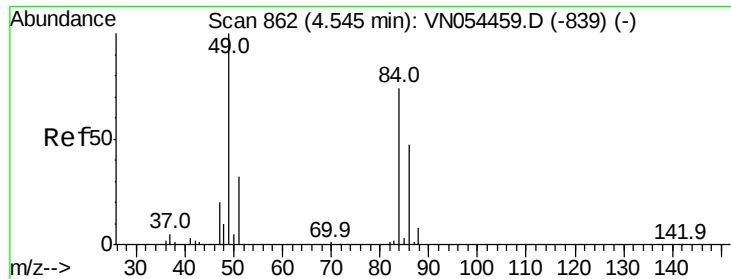
2000

1000

0

Time-->

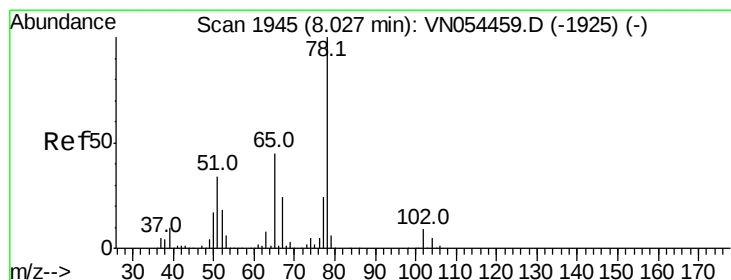
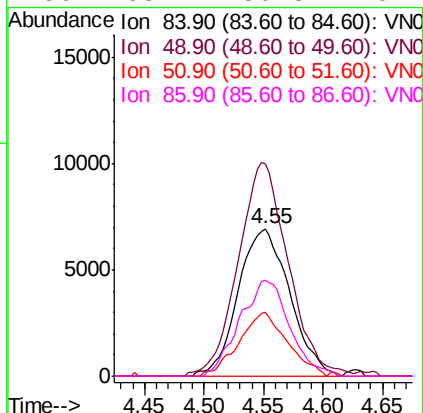
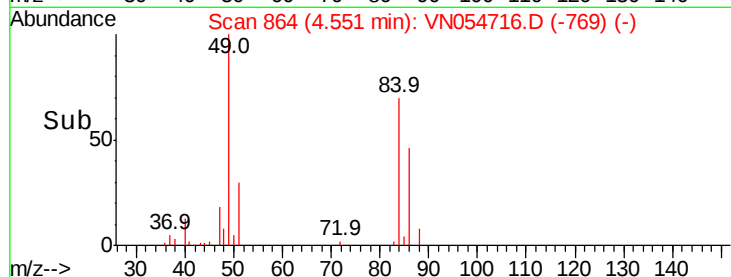
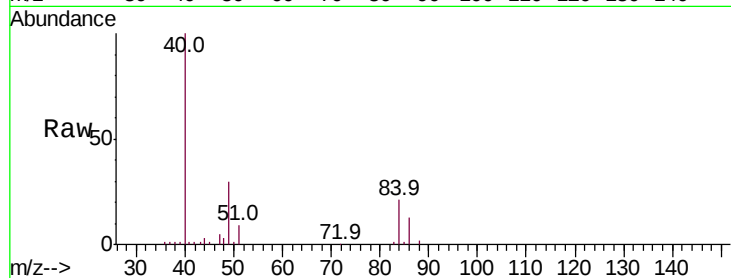




#20
Methvlene Chloride
Concen: 3.550 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054716.D
Acq: 27 Mar 2019 12:38

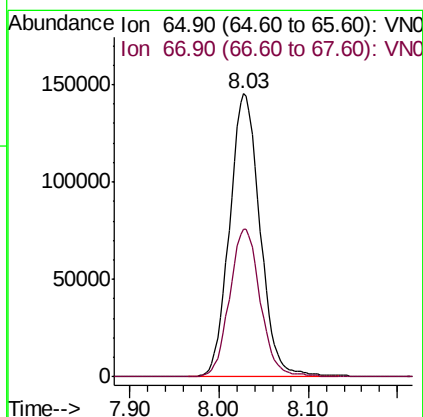
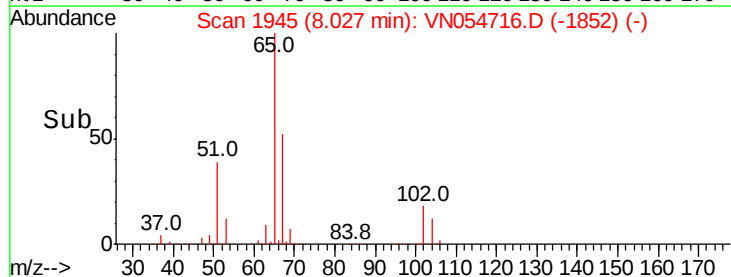
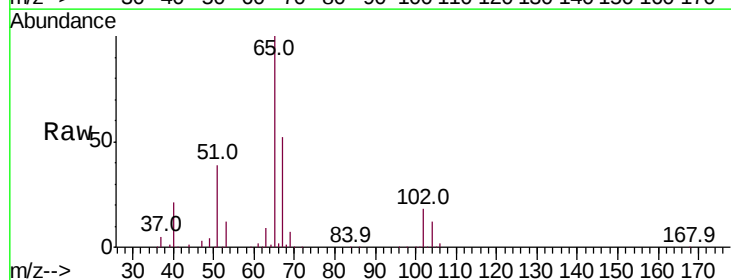
Instrument :
MSVOA_N
ClientSampleId :
CS-11

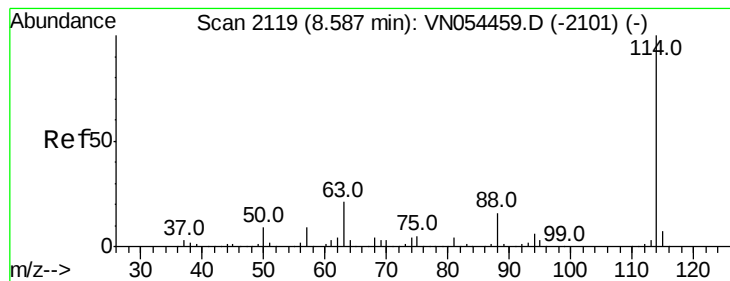
Tot Ion: 84 Resp: 20815
Ion Ratio Lower Upper
84 100
49 141.1 89.7 134.5#
51 43.1 28.2 42.4#
86 65.4 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 52.169 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054716.D
Acq: 27 Mar 2019 12:38

Tgt Ion: 65 Resp: 345156
Ion Ratio Lower Upper
65 100
67 52.7 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: VN054716.D

Acq: 27 Mar 2019 12:38

Instrument :

MSVOA_N

ClientSampled :

CS-11

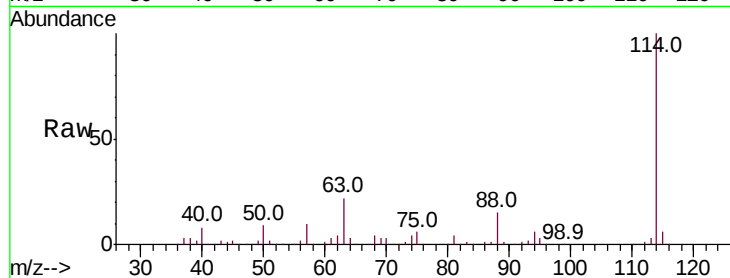
Tot Ion:114 Resp: 861580

Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.2

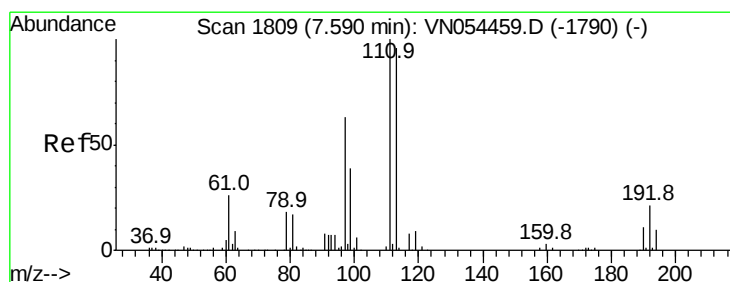
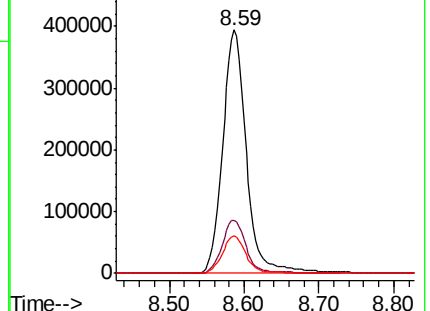
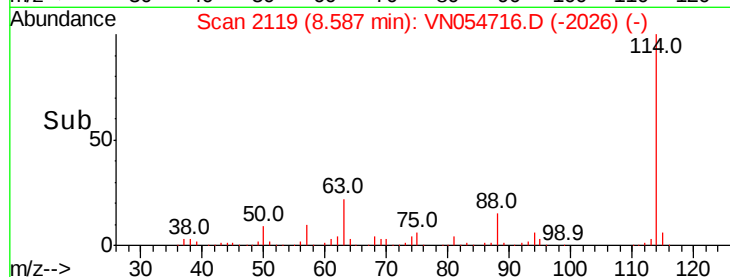
88 15.3 0.0 30.2



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: 49.883 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054716.D

Acq: 27 Mar 2019 12:38

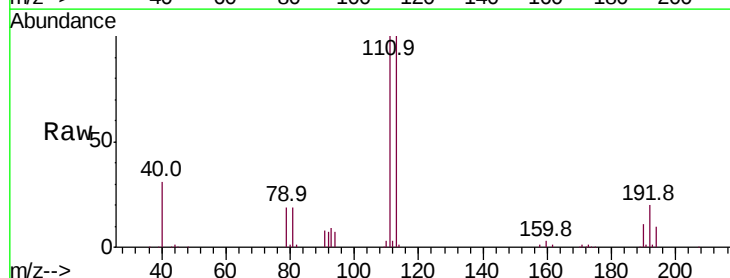
Tgt Ion:113 Resp: 276887

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

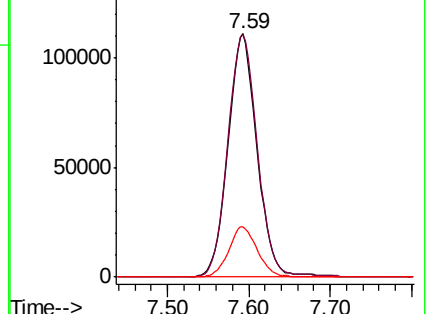
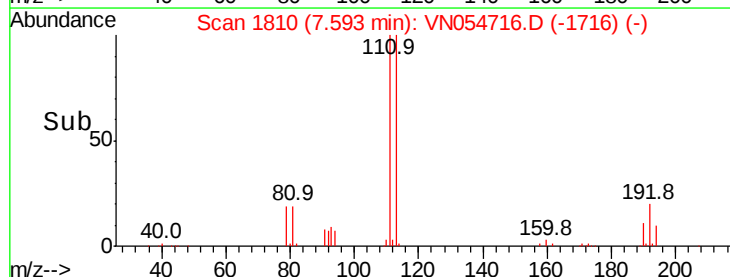
192 20.4 19.2 28.8

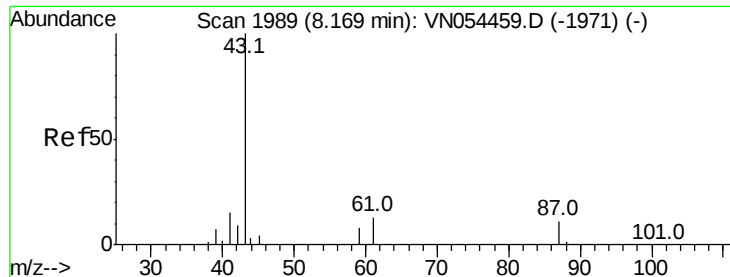


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.590 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054716.D

Acq: 27 Mar 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

CS-11

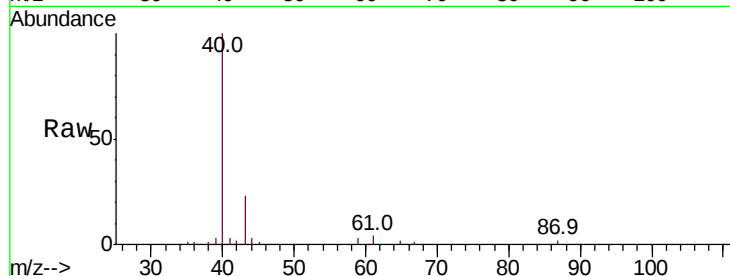
Tot Ion: 43 Resp: 15390

Ion Ratio Lower Upper

43 100

61 20.0 15.8 23.8

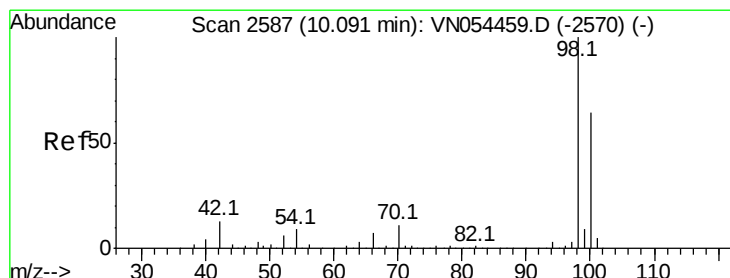
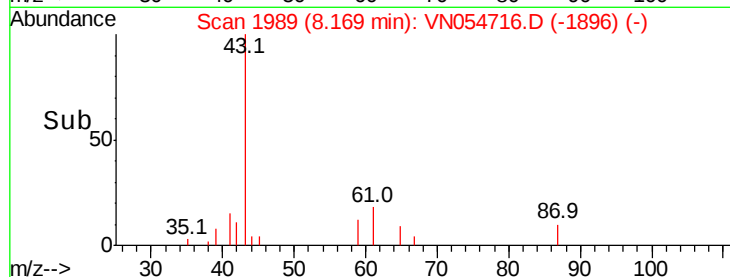
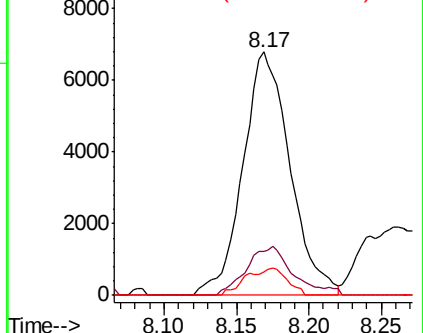
87 9.8 12.0 18.0#



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: 50.065 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054716.D

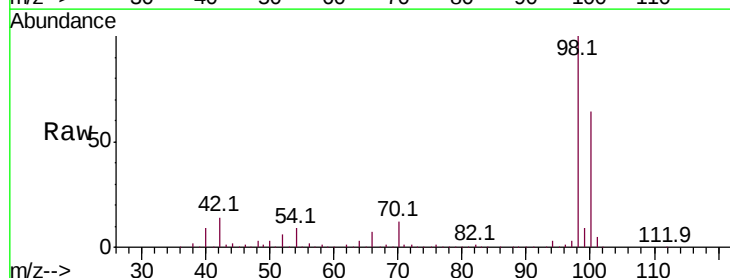
Acq: 27 Mar 2019 12:38

Tgt Ion: 98 Resp: 1044724

Ion Ratio Lower Upper

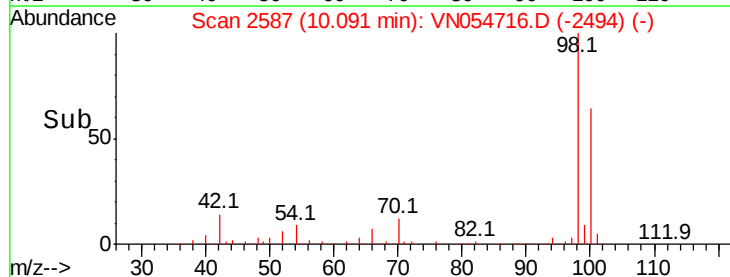
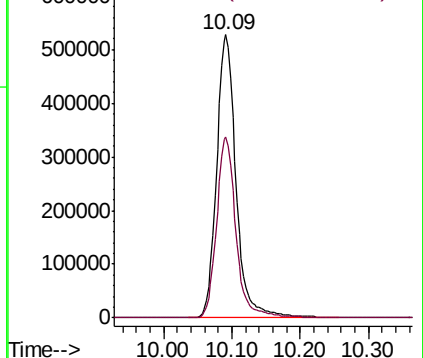
98 100

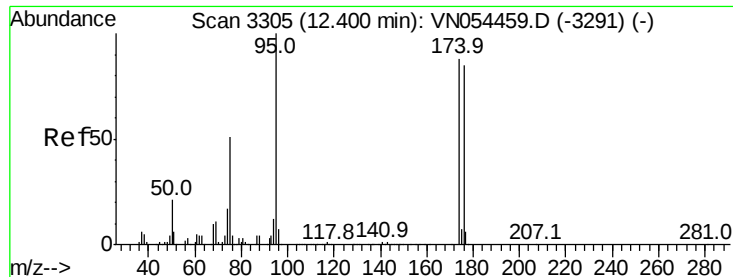
100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.556 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054716.D

Acq: 27 Mar 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

CS-11

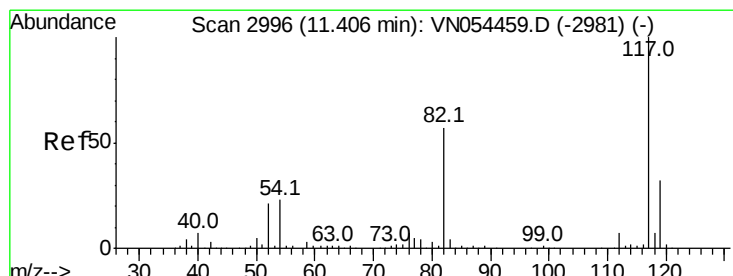
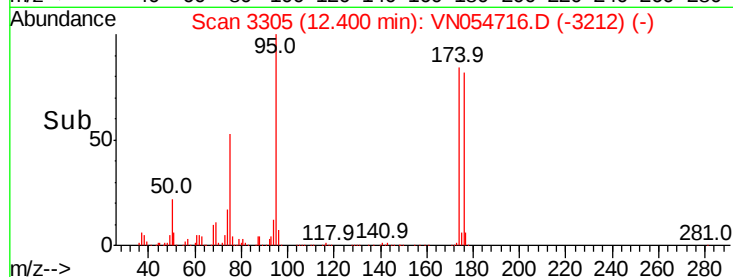
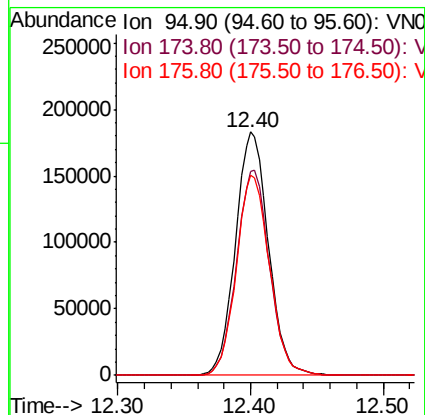
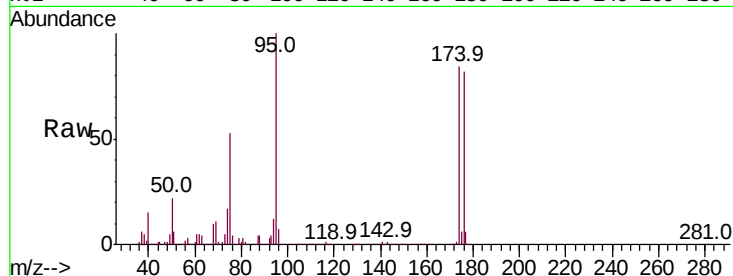
Tot Ion: 95 Resp: 316384

Ion Ratio Lower Upper

95 100

174 84.3 0.0 191.0

176 82.5 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: VN054716.D

Acq: 27 Mar 2019 12:38

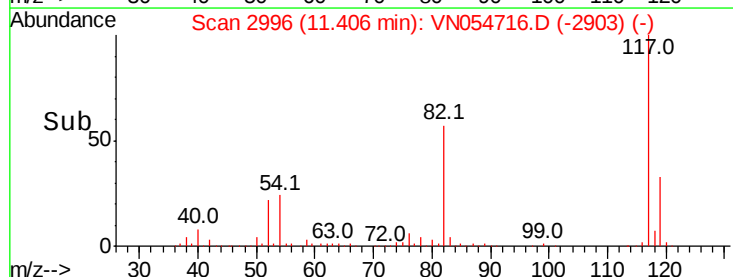
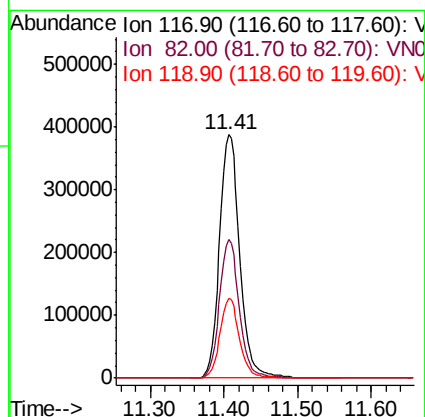
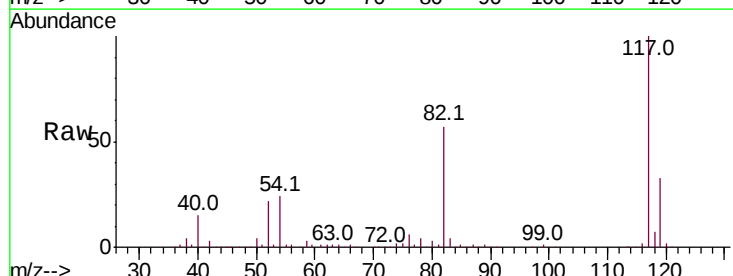
Tgt Ion: 117 Resp: 737345

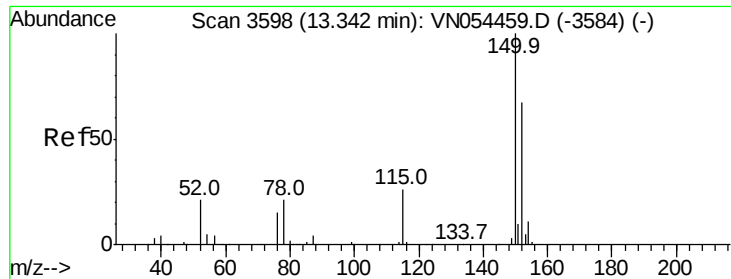
Ion Ratio Lower Upper

117 100

82 57.0 40.0 60.0

119 32.7 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: VN054716.D

Acq: 27 Mar 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

CS-11

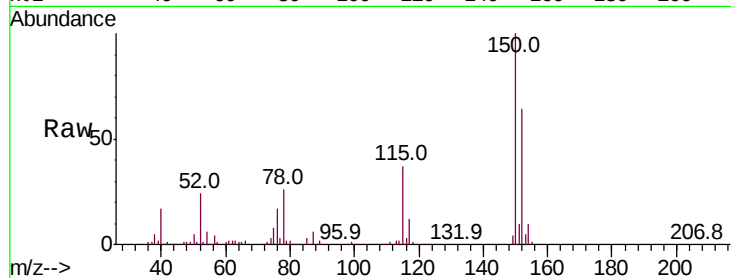
Tot Ion:152 Resp: 262202

Ion Ratio Lower Upper

152 100

115 58.7 27.2 81.6

150 156.3 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

