

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN032019\
 Data File : VN054470.D
 Acq On : 20 Mar 2019 18:17
 Operator : JC/SP
 Sample : K1974-01ME
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC4ME

Quant Time: Mar 26 07:55:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 14:42:09 2019
 Response via : Initial Calibration

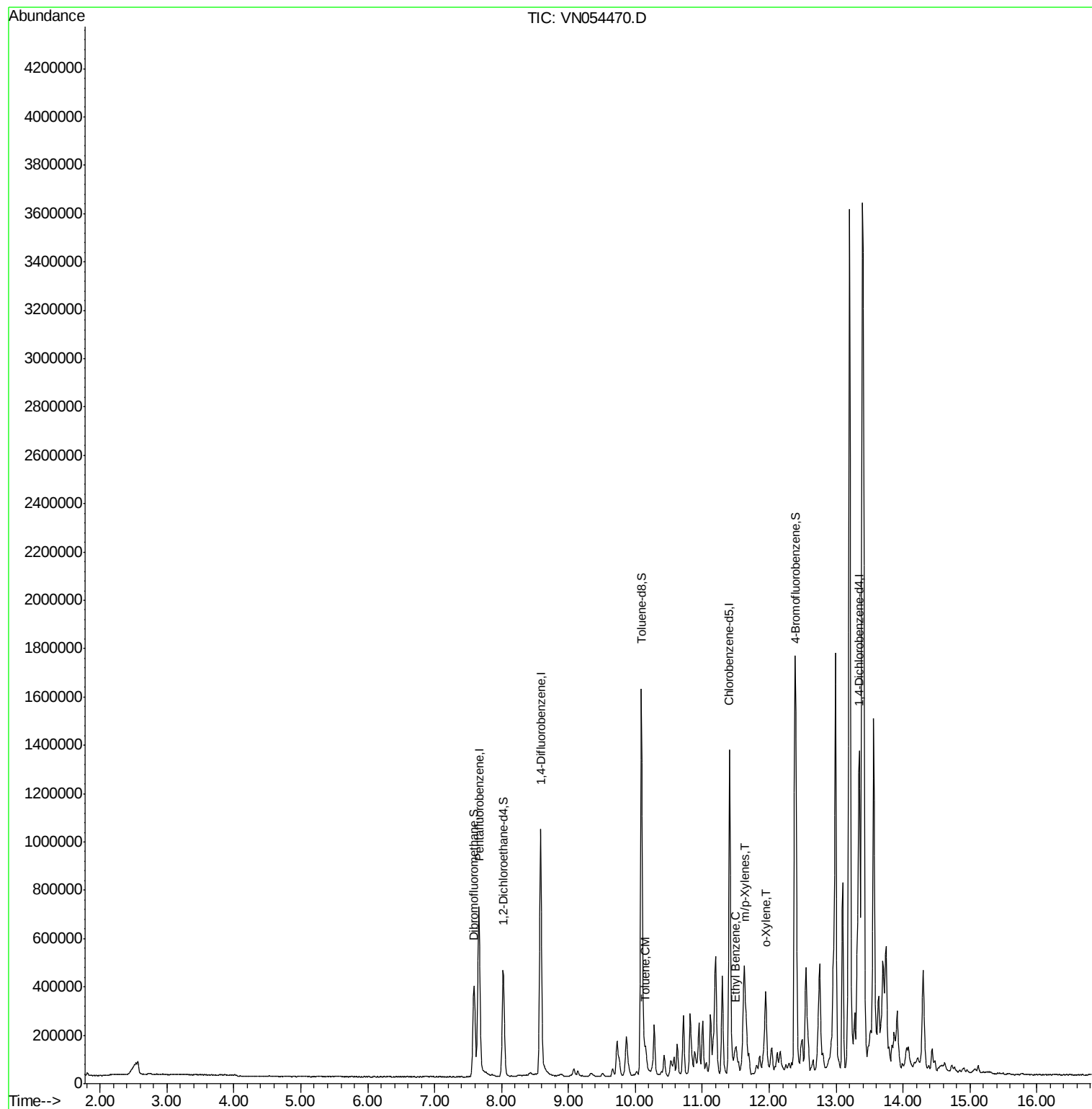
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	620563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	965238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	817965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	325260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	371486	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
35) Dibromofluoromethane	7.59	113	284990	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
50) Toluene-d8	10.09	98	1164706	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.40	95	366309	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
Target Compounds						
52) Toluene	10.16	92	31534	1.99	ug/l	99
67) Ethyl Benzene	11.51	91	63681	2.17	ug/l	99
68) m/p-Xylenes	11.62	106	100585	9.04	ug/l	94
69) o-Xylene	11.95	106	87402	8.04	ug/l	99

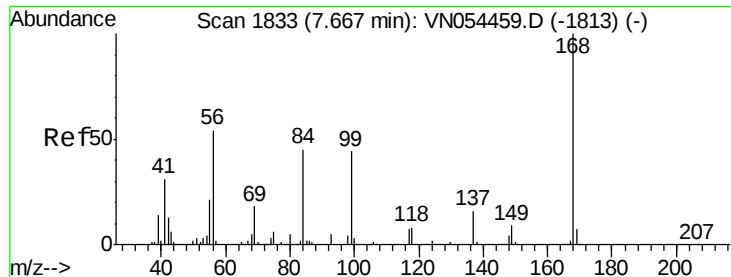
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 14:42:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054470.D

Acq: 20 Mar 2019 18:17

Instrument :

MSVOA_N

ClientSampled :

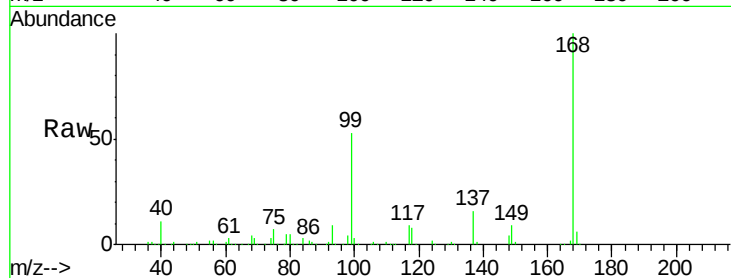
WC4ME

Tot Ion:168 Resp: 620563

Ion Ratio Lower Upper

168 100

99 53.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

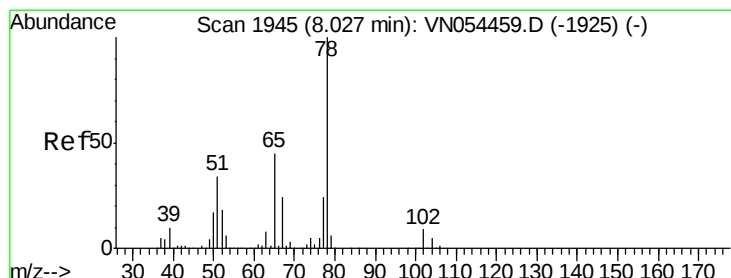
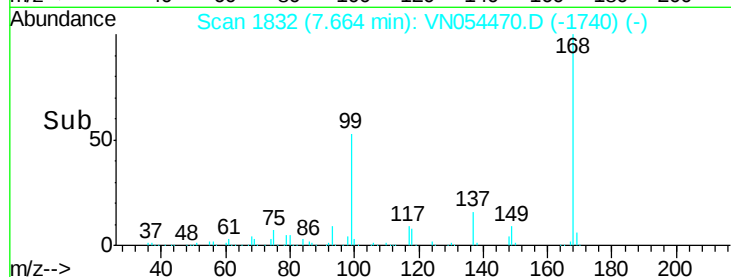
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.13 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054470.D

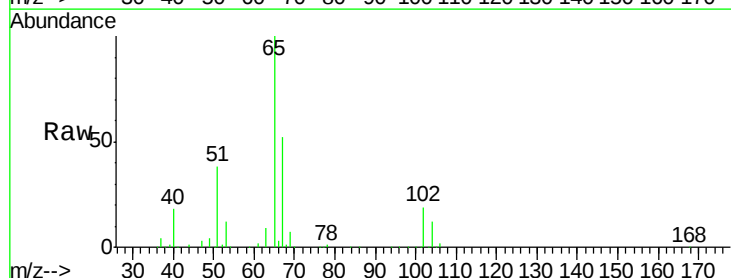
Acq: 20 Mar 2019 18:17

Tgt Ion: 65 Resp: 371486

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

8.02

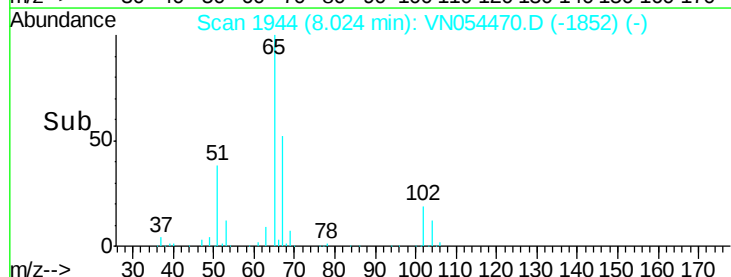
150000

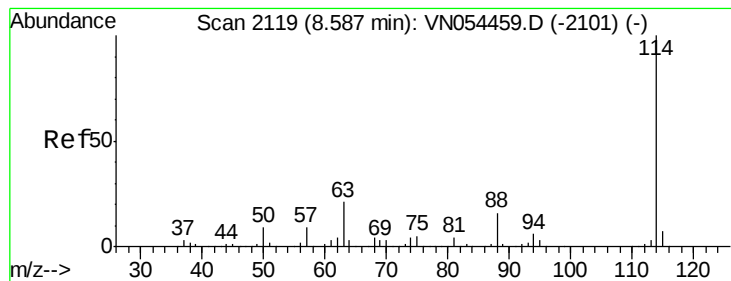
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054470.D

Acq: 20 Mar 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

WC4ME

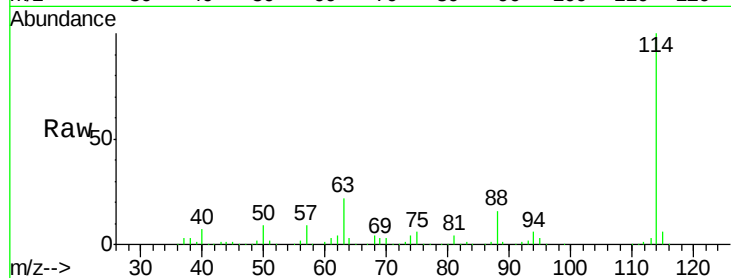
Tot Ion:114 Resp: 965238

Ion Ratio Lower Upper

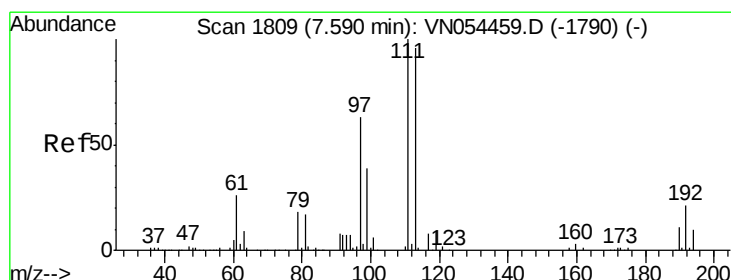
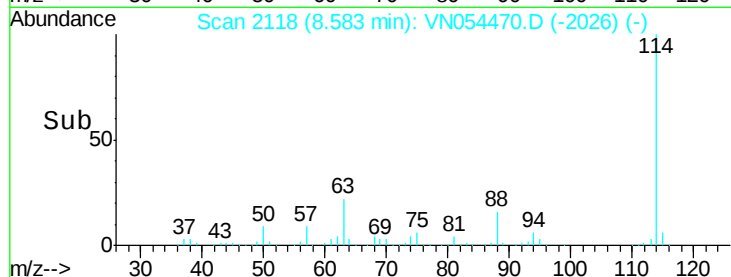
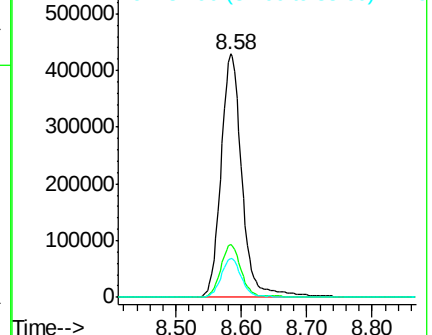
114 100

63 21.7 0.0 35.2

88 16.0 0.0 30.2



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



#35

Dibromofluoromethane

Concen: 45.83 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054470.D

Acq: 20 Mar 2019 18:17

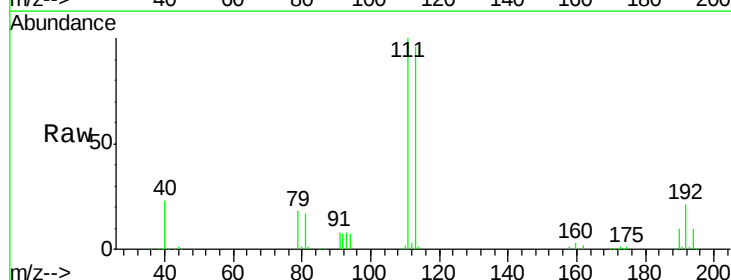
Tgt Ion:113 Resp: 284990

Ion Ratio Lower Upper

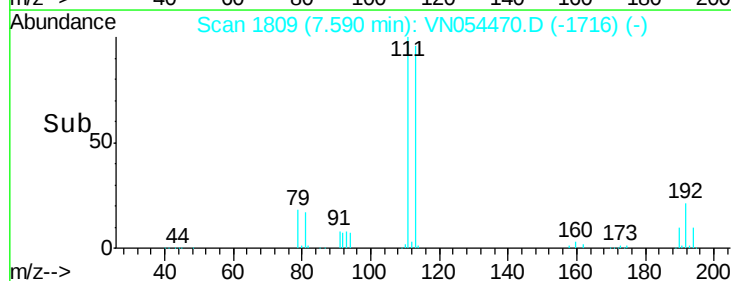
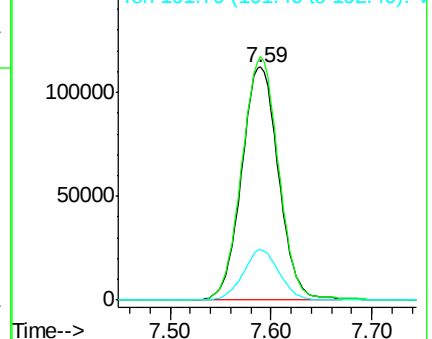
113 100

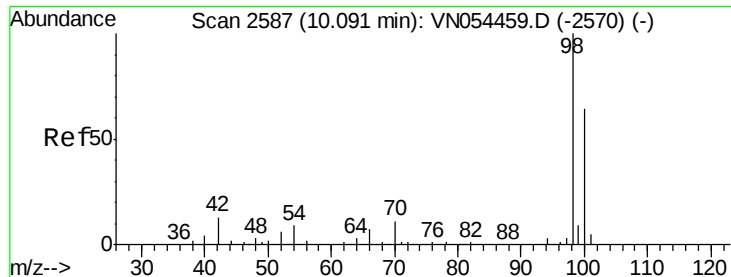
111 103.6 82.2 123.4

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





#50

Toluene-d8

Concen: 49.82 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054470.D

Acq: 20 Mar 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

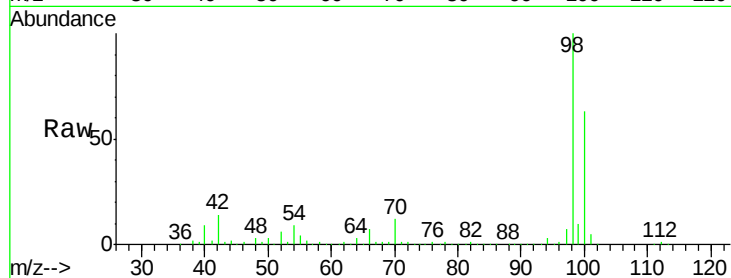
WC4ME

Tot Ion: 98 Resp: 1164706

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054470.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054470.D (-2494) (-)

10.09

600000

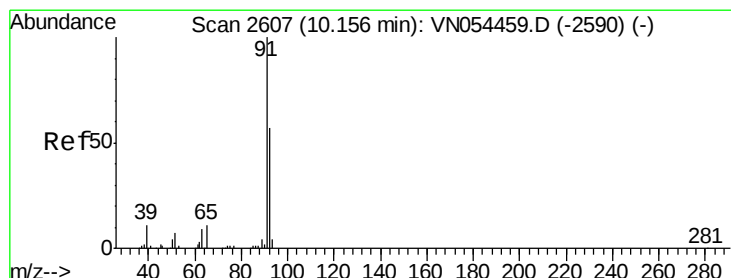
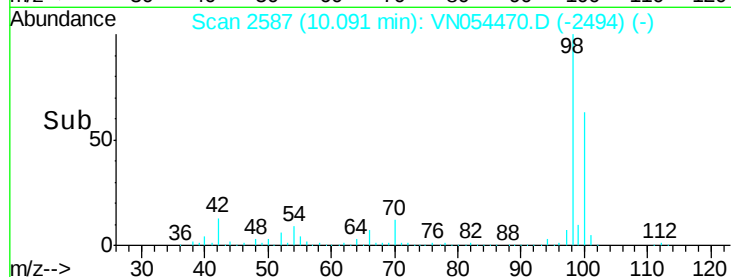
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#52

Toluene

Concen: 1.99 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054470.D

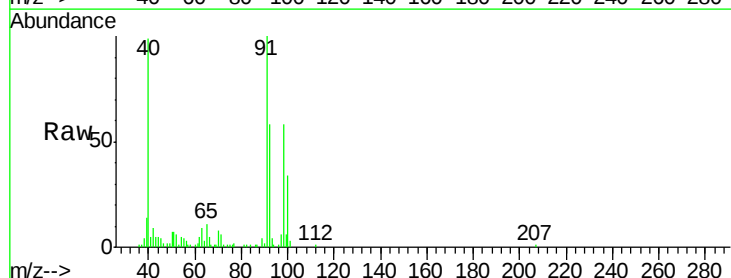
Acq: 20 Mar 2019 18:17

Tgt Ion: 92 Resp: 31534

Ion Ratio Lower Upper

92 100

91 177.4 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054470.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN054470.D (-2514) (-)

10.16

30000

25000

20000

15000

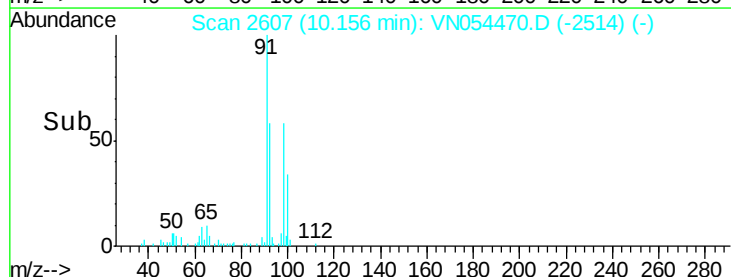
10000

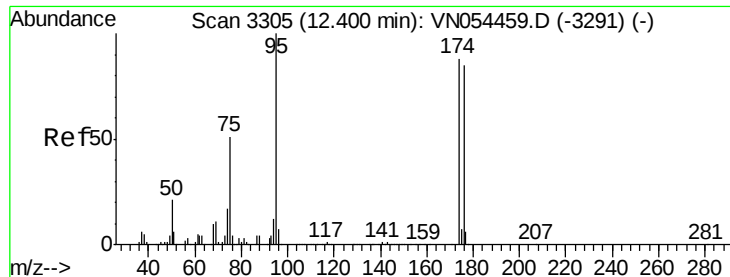
5000

0

10.10 10.15 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: 46.05 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054470.D

Acq: 20 Mar 2019 18:17

Instrument :

MSVOA_N

ClientSampled :

WC4ME

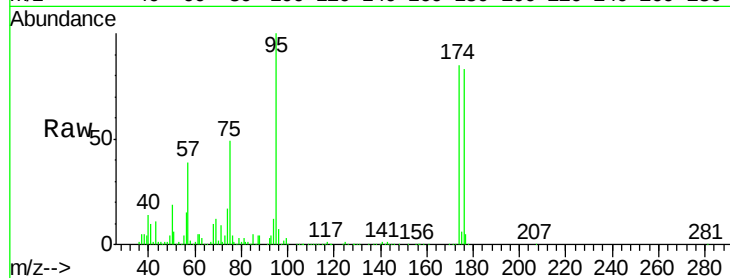
Tot Ion: 95 Resp: 366309

Ion Ratio Lower Upper

95 100

174 84.7 0.0 191.0

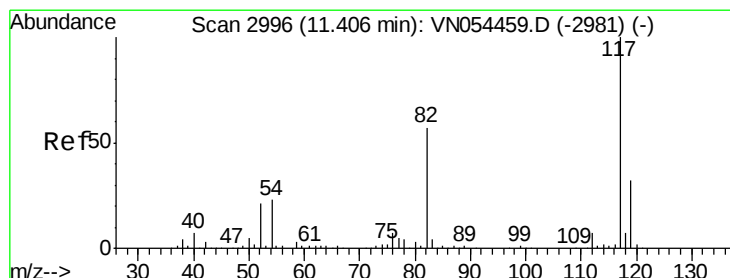
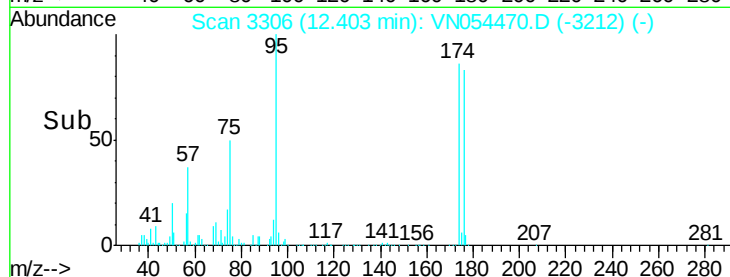
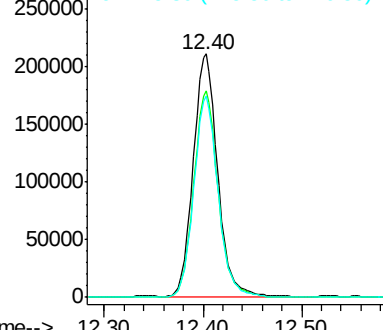
176 82.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054470.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054470.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054470.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054470.D

Acq: 20 Mar 2019 18:17

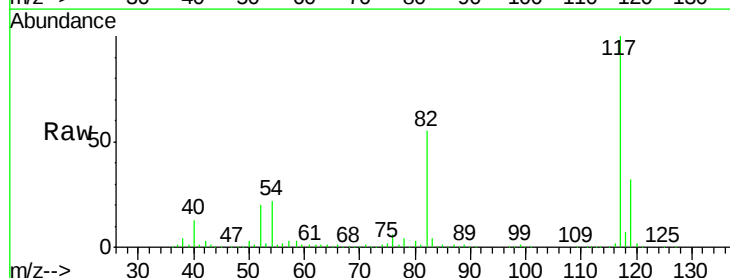
Tgt Ion: 117 Resp: 817965

Ion Ratio Lower Upper

117 100

82 54.9 40.0 60.0

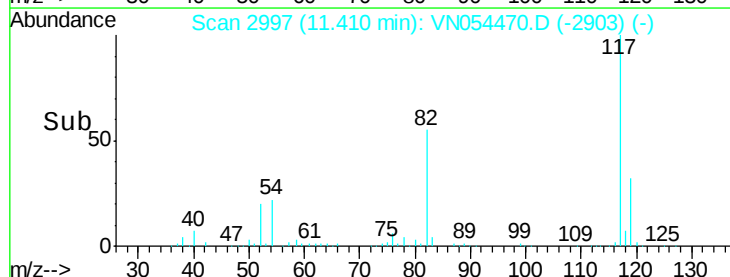
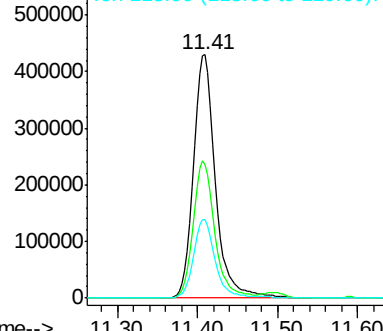
119 32.1 25.8 38.6

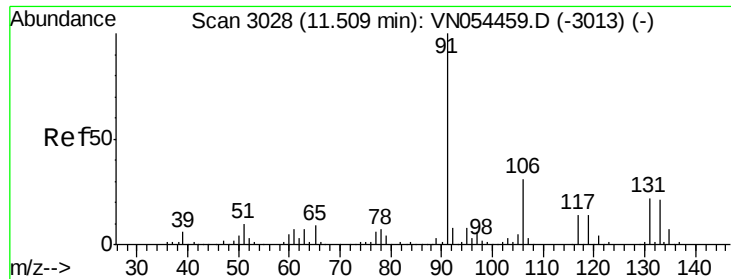


Abundance Ion 116.90 (116.60 to 117.60): VN054470.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054470.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054470.D (-2903) (-)

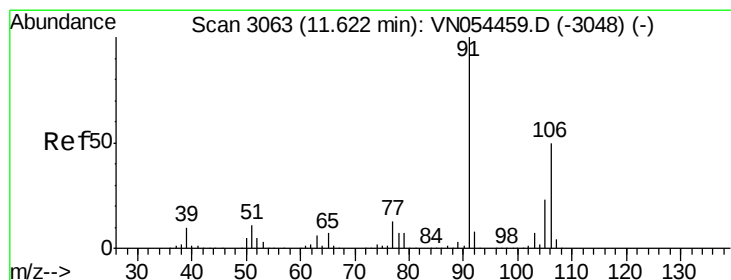
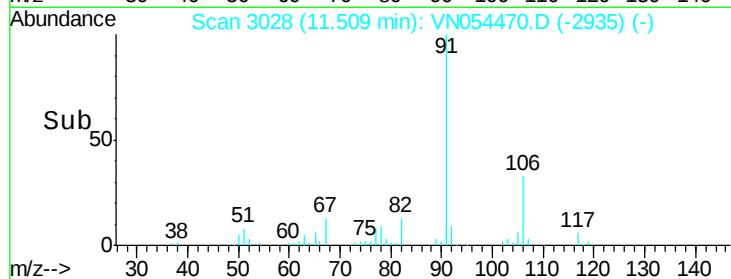
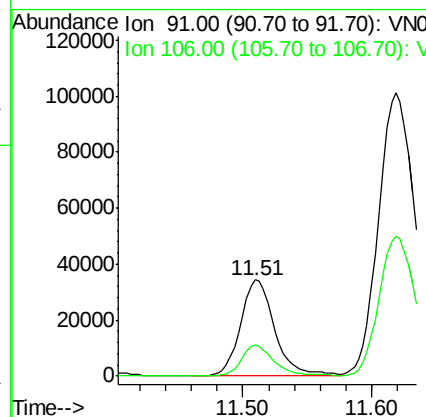
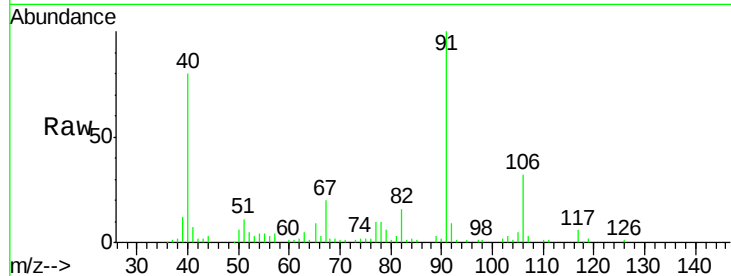




#67
Ethyl Benzene
Concen: 2.17 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054470.D
Acq: 20 Mar 2019 18:17

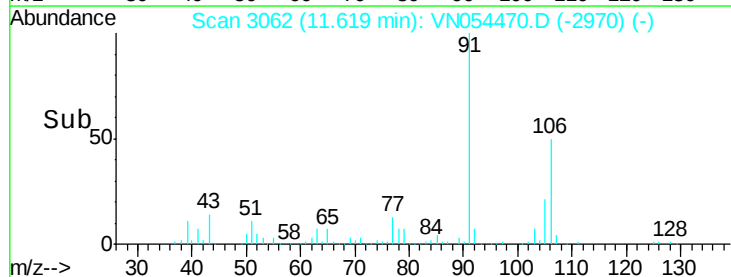
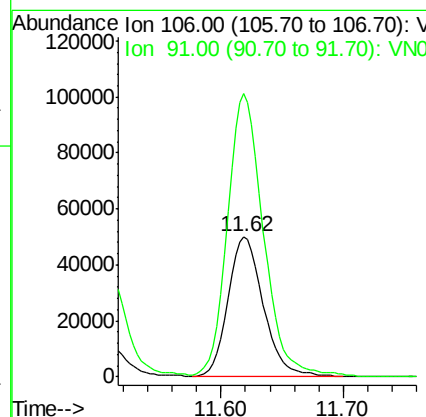
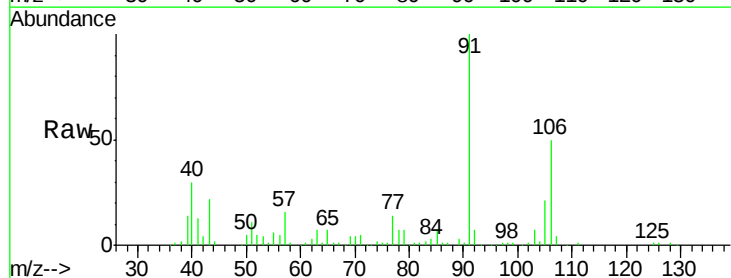
Instrument :
MSVOA_N
ClientSampled :
WC4ME

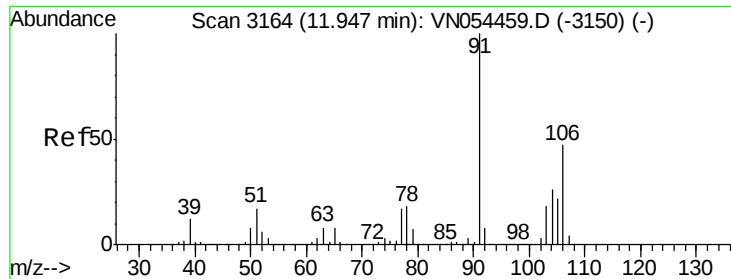
Tot Ion: 91 Resp: 63681
Ion Ratio Lower Upper
91 100
106 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 9.04 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054470.D
Acq: 20 Mar 2019 18:17

Tgt Ion: 106 Resp: 100585
Ion Ratio Lower Upper
106 100
91 208.1 159.4 239.2

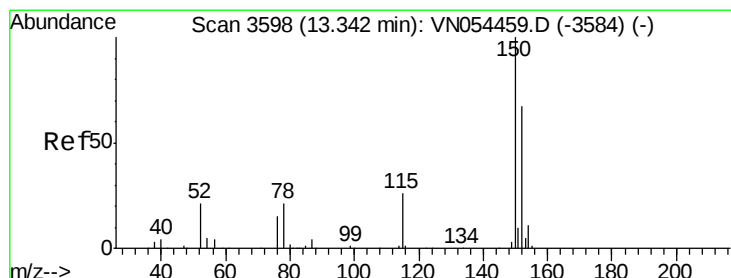
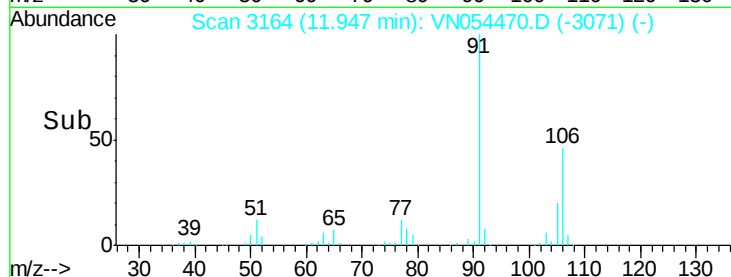
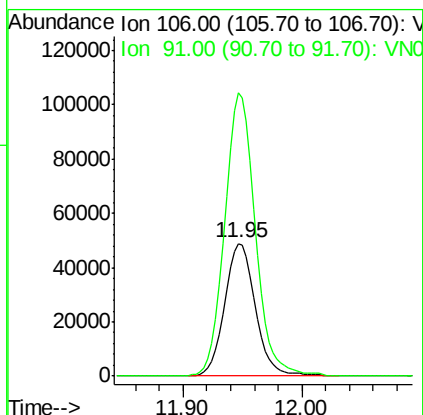
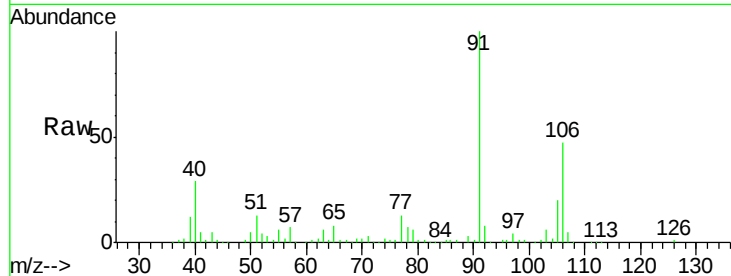




#69
o-Xylene
Concen: 8.04 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054470.D
Acq: 20 Mar 2019 18:17

Instrument :
MSVOA_N
ClientSampled :
WC4ME

Tot Ion:106 Resp: 87402
Ion Ratio Lower Upper
106 100
91 213.4 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054470.D
Acq: 20 Mar 2019 18:17

Tgt Ion:152 Resp: 325260
Ion Ratio Lower Upper
152 100
115 58.5 27.2 81.6
150 158.0 0.0 349.2

