

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120418\
 Data File : VN052652.D
 Acq On : 4 Dec 2018 14:13
 Operator : MD\SY
 Sample : J6209-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 HMF-SOUTH

Quant Time: Dec 05 03:07:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1229163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1891679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1633718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	611224	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	637170	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
35) Dibromofluoromethane	7.59	113	584007	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	10.09	98	2292486	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.40	95	713062	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	

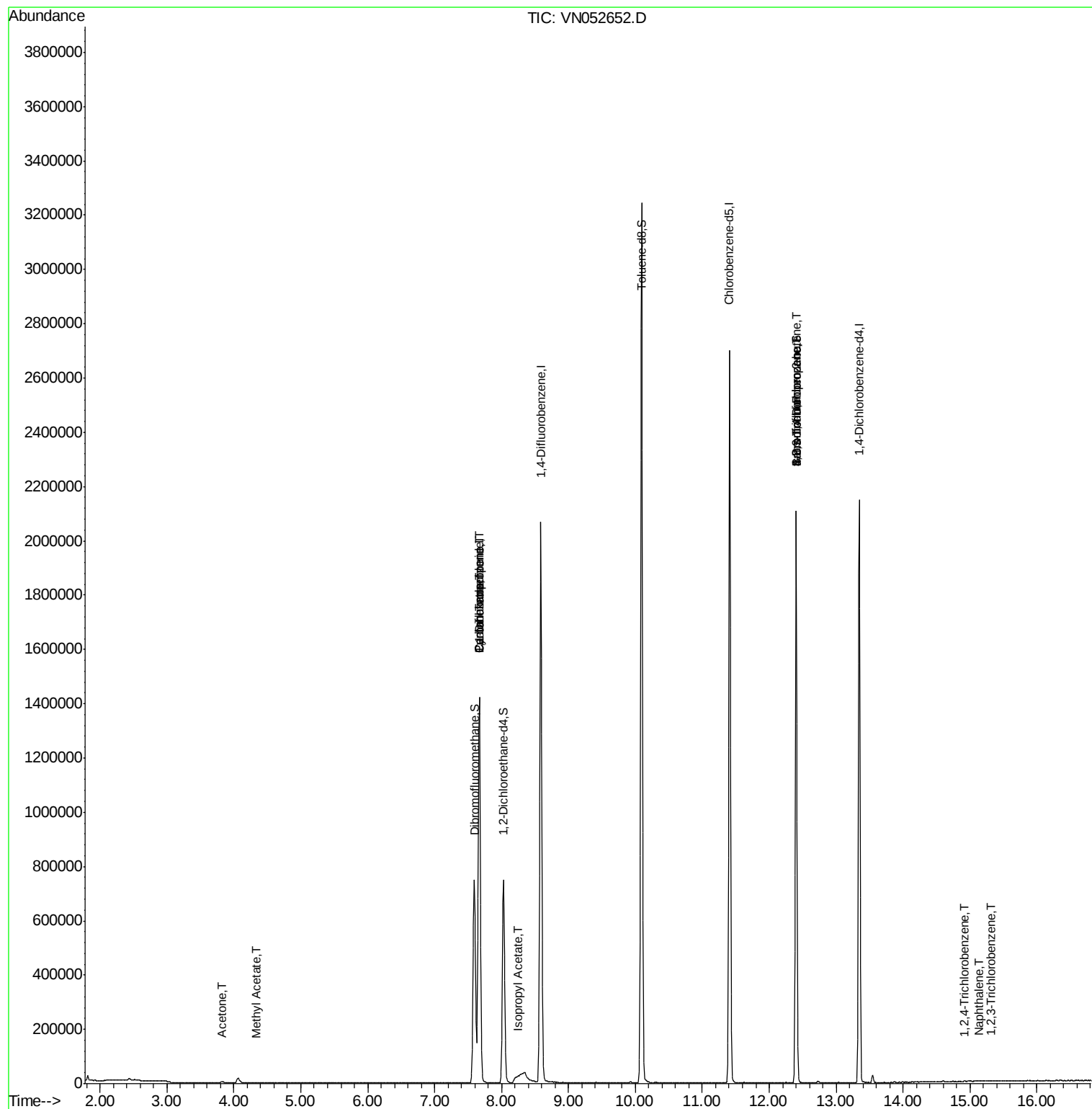
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	8312	2.355	ug/l #	86
18) Methyl Acetate	4.34	43	2182	0.215	ug/l #	62
31) Cyclohexane	7.66	56	20932	0.547	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	83741	4.688	ug/l #	50
38) Carbon Tetrachloride	7.67	117	110271	6.819	ug/l #	16
43) Isopropyl Acetate	8.24	43	27569	1.494	ug/l #	51
71) Bromoform	12.40	173	4268	0.550	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	340331	36.108	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	340331	120.583	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	247	2.851	ug/l #	46
95) Naphthalene	15.13	128	2160	3.516	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.32	180	106	2.737	ug/l #	56

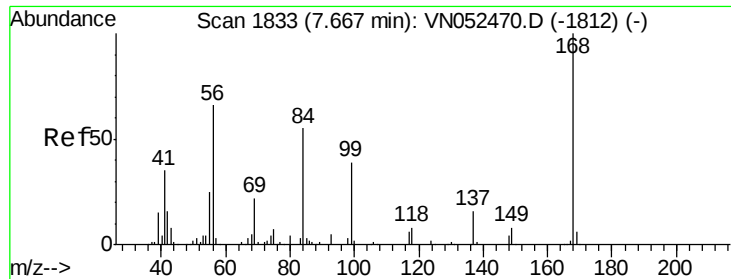
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120418\
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Quant Time: Dec 05 03:07:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
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QLast Update : Mon Dec 03 03:24:02 2018
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: VN052652.D

Acq: 4 Dec 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

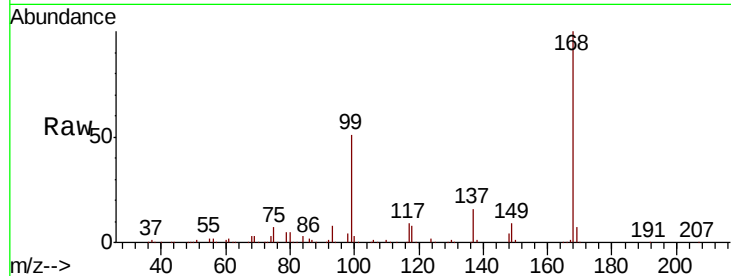
HMF-SOUTH

Tot Ion:168 Resp: 1229163

Ion Ratio Lower Upper

168 100

99 50.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D

Ion 98.90 (98.60 to 99.60): VN052470.D

7.67

600000

500000

400000

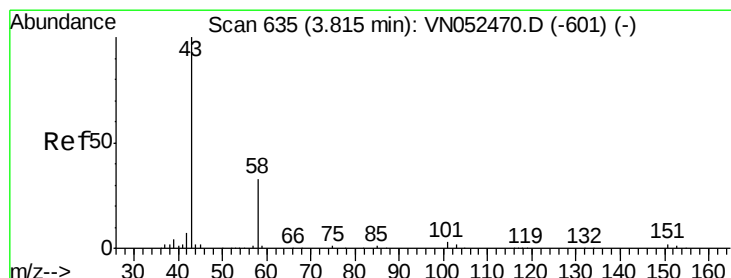
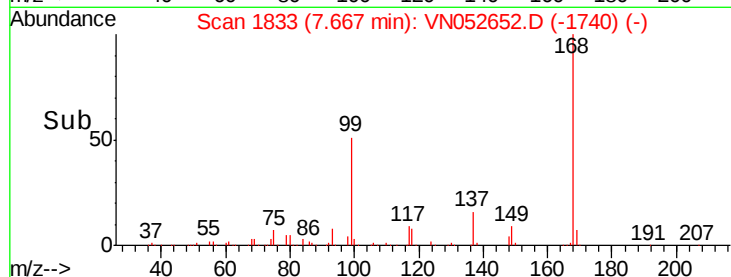
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 2.355 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052652.D

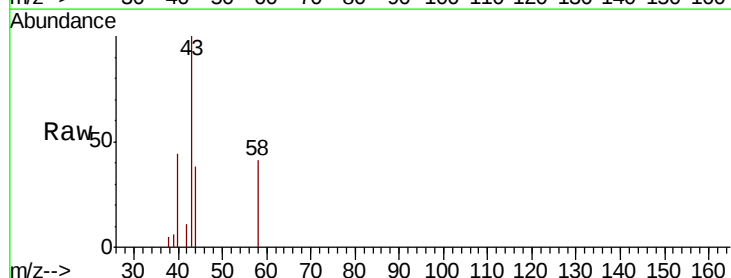
Acq: 4 Dec 2018 14:13

Tgt Ion: 43 Resp: 8312

Ion Ratio Lower Upper

43 100

58 40.6 26.0 39.0#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D

Ion 58.00 (57.70 to 58.70): VN052470.D

3.82

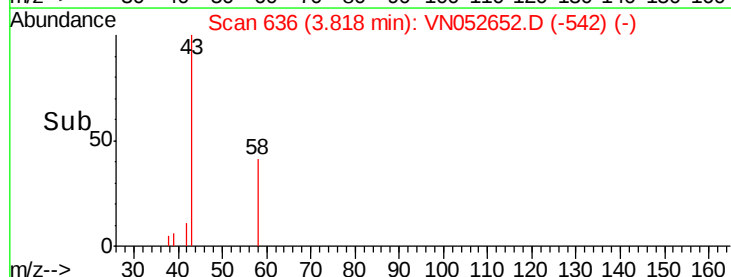
3000

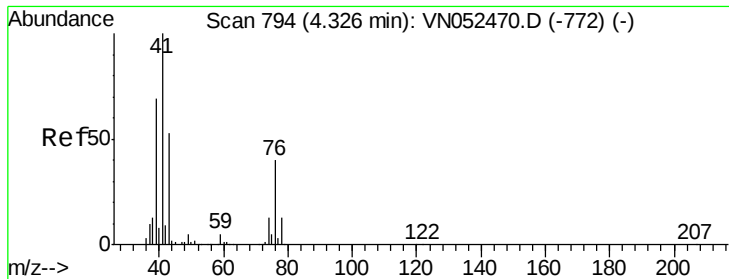
2000

1000

0

Time-->

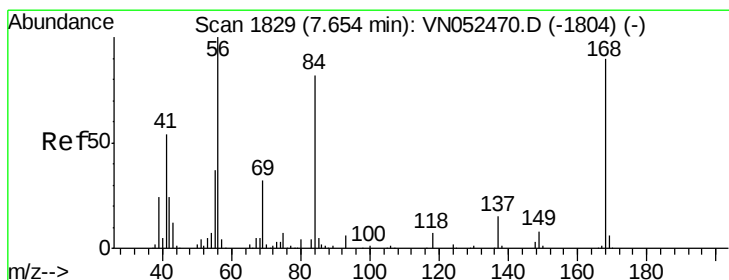
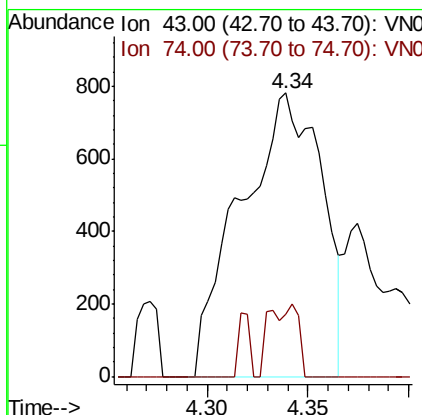
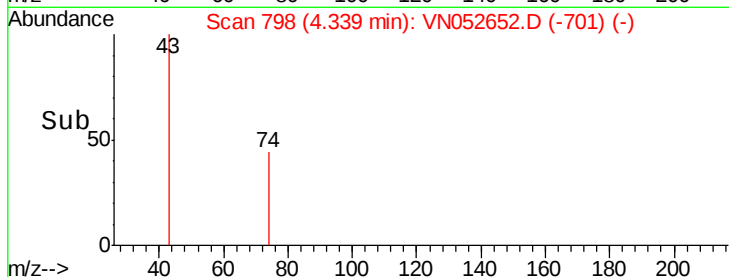
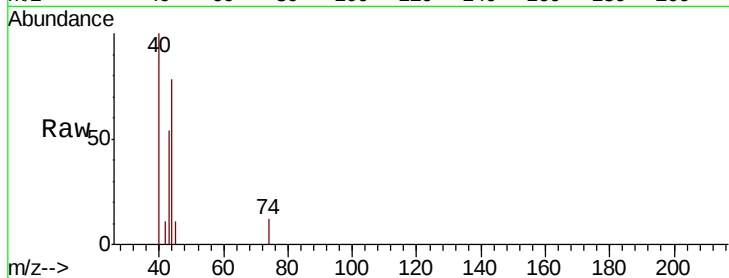




#18
Methyl Acetate
Concen: 0.215 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN052652.D
Acq: 4 Dec 2018 14:13

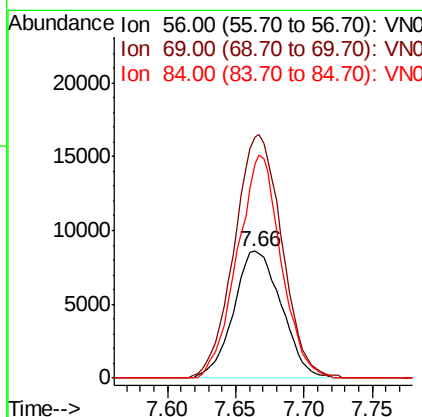
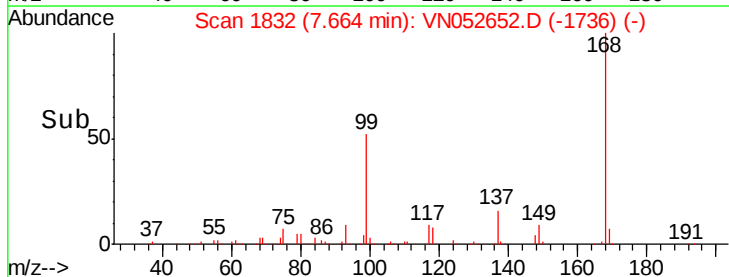
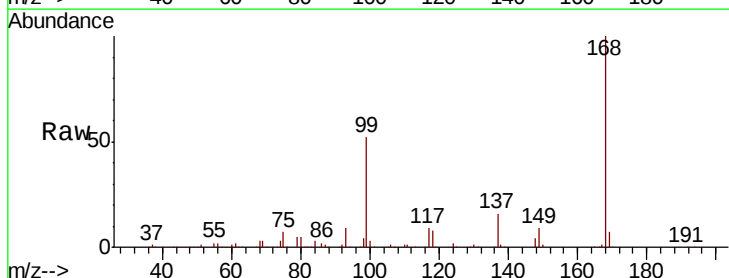
Instrument :
MSVOA_N
ClientSampled :
HMF-SOUTH

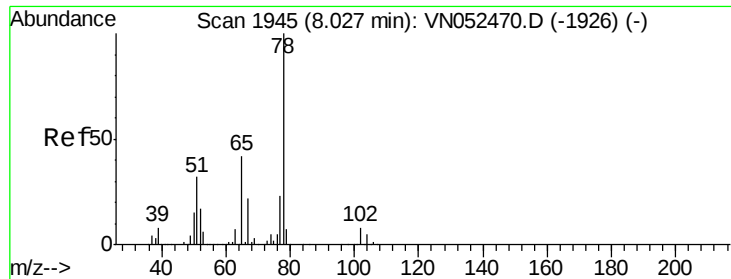
Tot Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
74 4.5 18.6 27.8#



#31
Cyclohexane
Concen: 0.547 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052652.D
Acq: 4 Dec 2018 14:13

Tgt Ion: 56 Resp: 20932
Ion Ratio Lower Upper
56 100
69 190.2 25.8 38.6#
84 169.4 65.3 97.9#

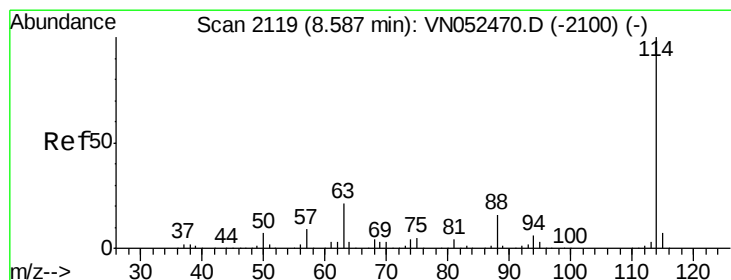
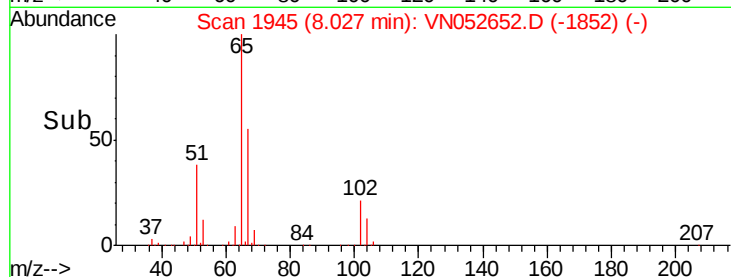
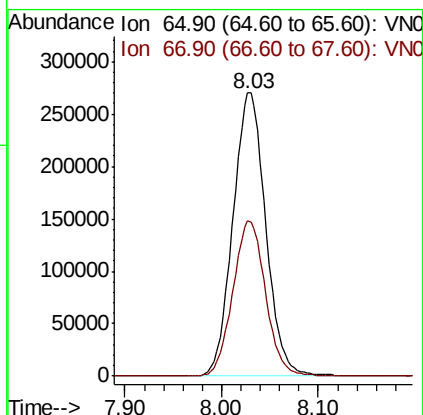
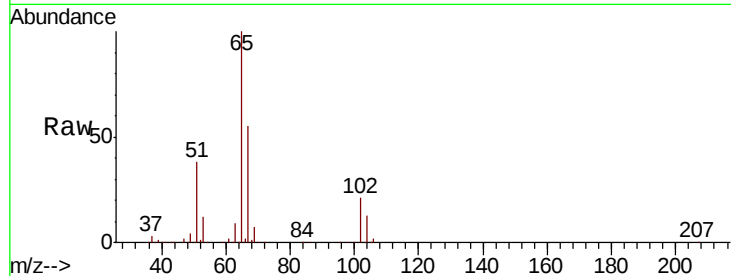




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052652.D
 Acq: 4 Dec 2018 14:13

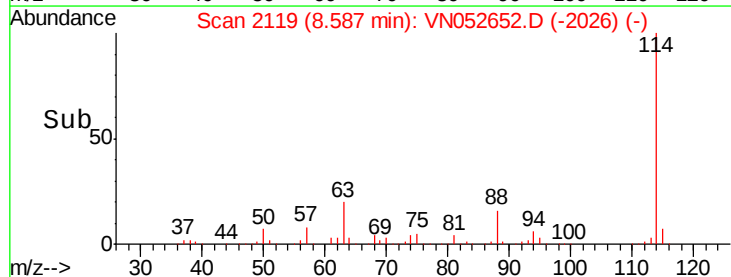
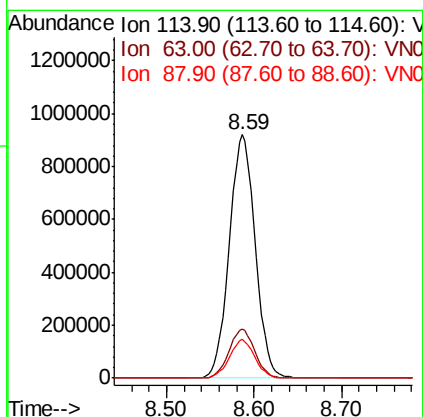
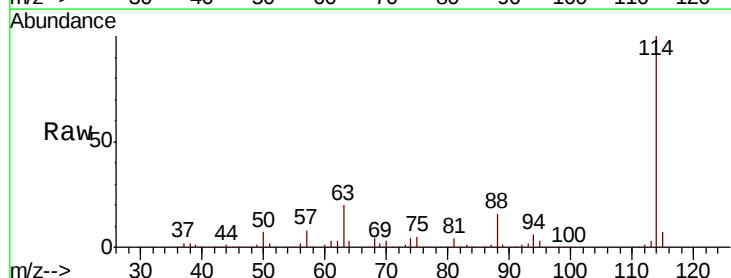
Instrument :
 MSVOA_N
 ClientSampleId :
 HMF-SOUTH

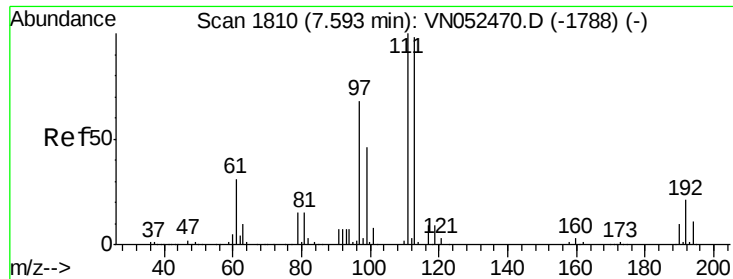
Tot Ion: 65 Resp: 637170
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052652.D
 Acq: 4 Dec 2018 14:13

Tgt Ion: 114 Resp: 1891679
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.8
 88 15.7 0.0 31.6

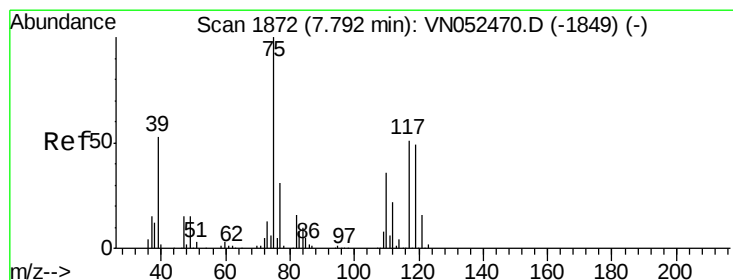
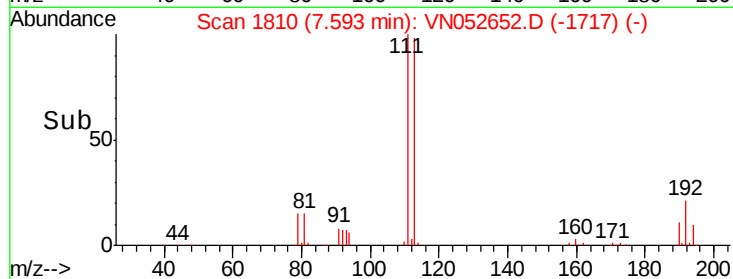
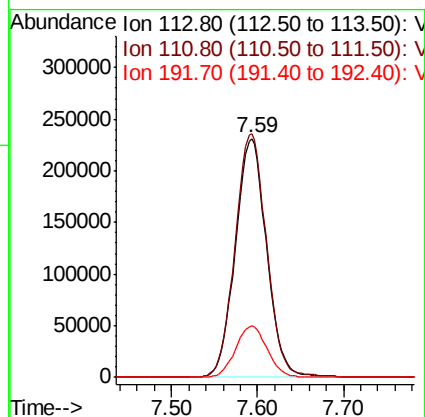
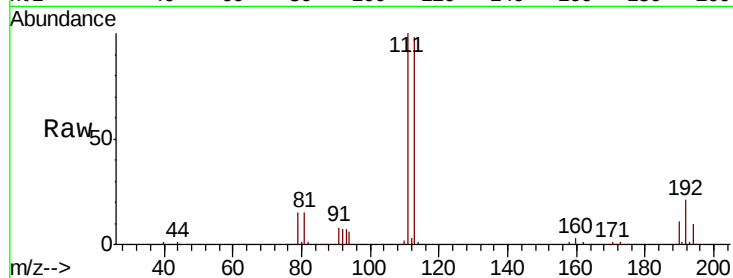




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052652.D
Acq: 4 Dec 2018 14:13

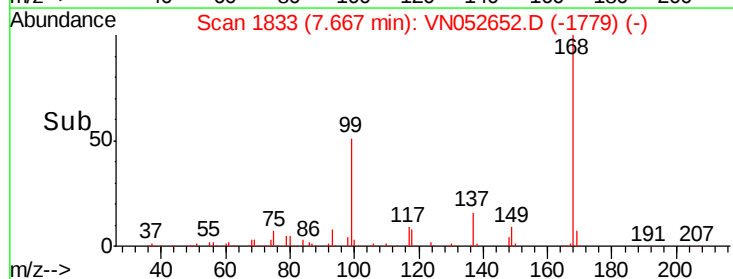
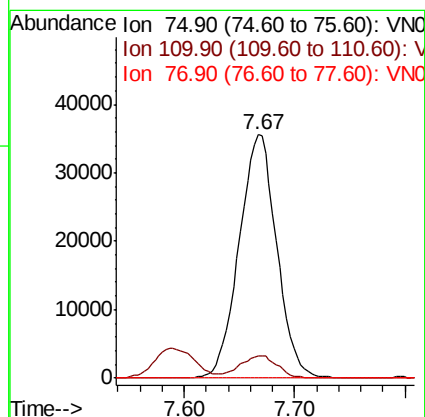
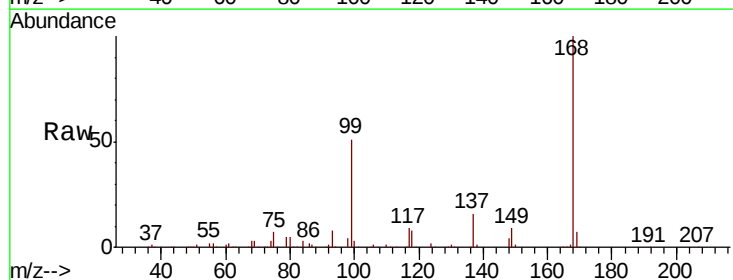
Instrument :
MSVOA_N
ClientSampleId :
HMF-SOUTH

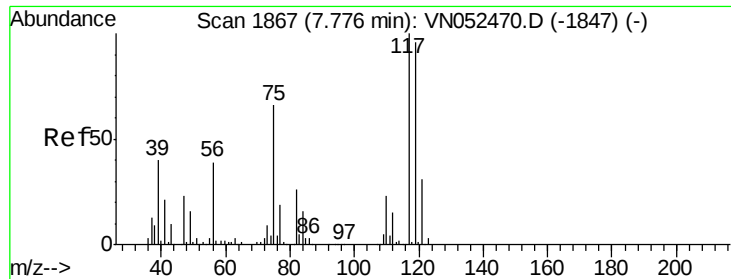
Tot Ion:113 Resp: 584007
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 21.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052652.D
Acq: 4 Dec 2018 14:13

Tgt Ion: 75 Resp: 83741
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.6#
77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.819 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052652.D

Acq: 4 Dec 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

HMF-SOUTH

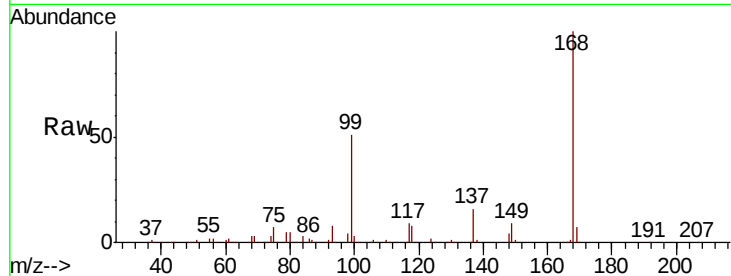
Tot Ion:117 Resp: 110271

Ion Ratio Lower Upper

117 100

119 5.5 76.8 115.2#

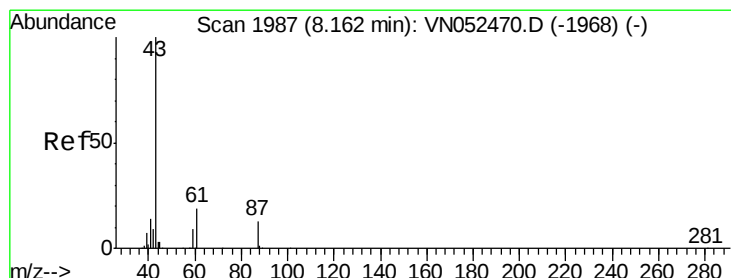
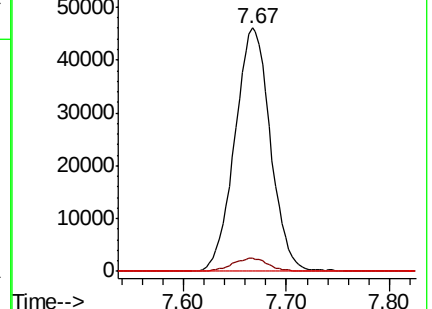
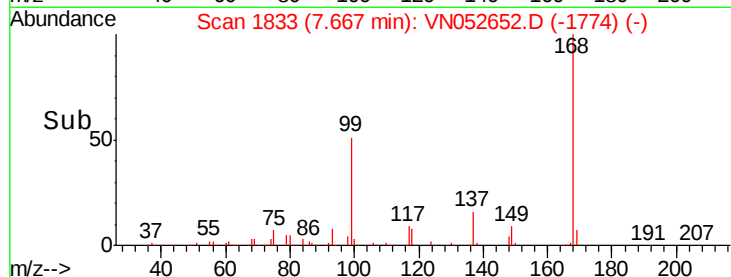
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.494 ug/l

RT: 8.24 min Scan# 2011

Delta R.T. 0.08 min

Lab File: VN052652.D

Acq: 4 Dec 2018 14:13

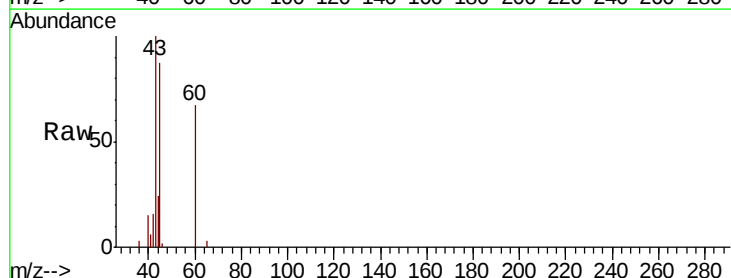
Tgt Ion: 43 Resp: 27569

Ion Ratio Lower Upper

43 100

61 0.0 24.1 36.1#

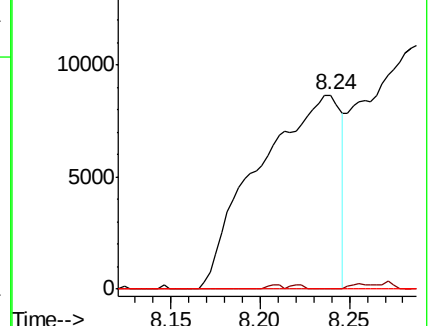
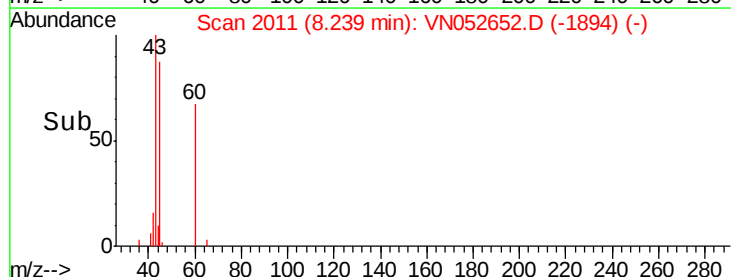
87 0.0 10.6 15.8#

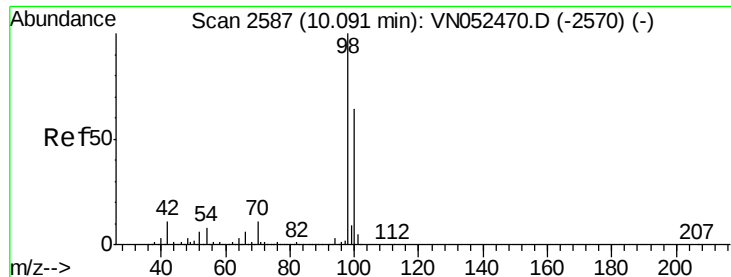


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052652.D

Acq: 4 Dec 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

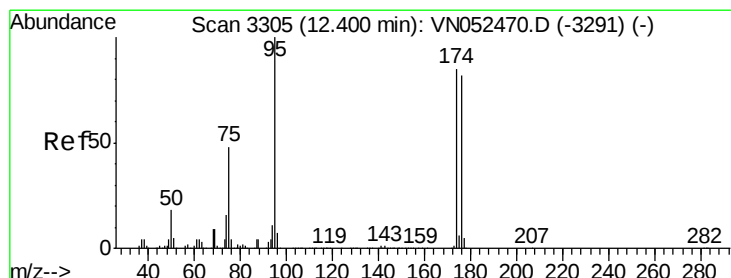
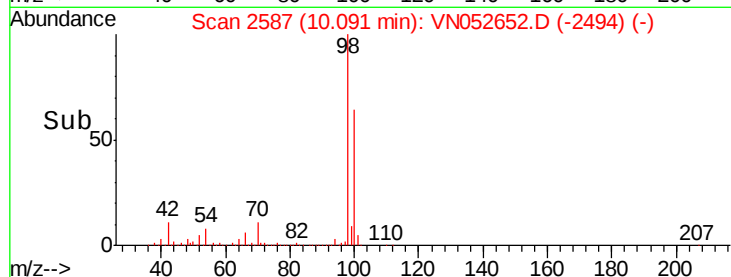
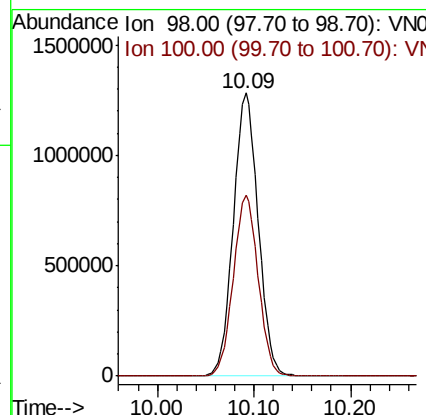
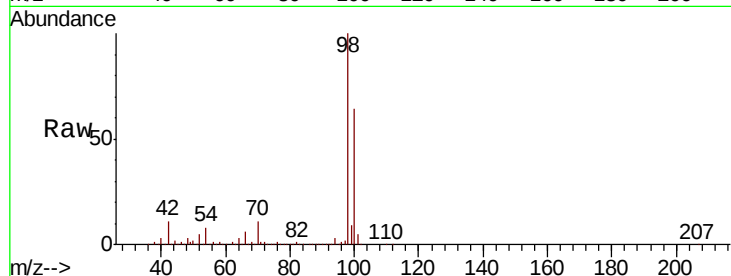
HMF-SOUTH

Tot Ion: 98 Resp: 2292486

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052652.D

Acq: 4 Dec 2018 14:13

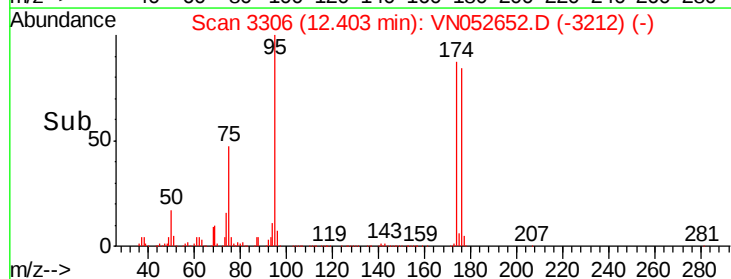
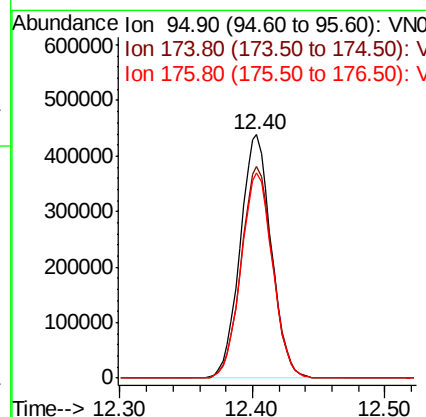
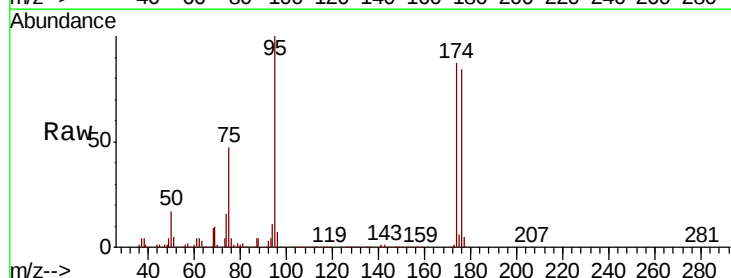
Tgt Ion: 95 Resp: 713062

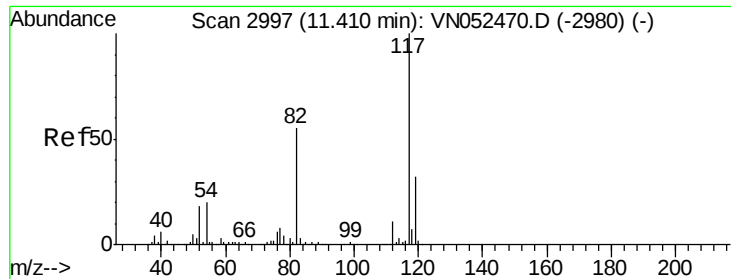
Ion Ratio Lower Upper

95 100

174 88.0 0.0 173.0

176 85.3 0.0 166.2

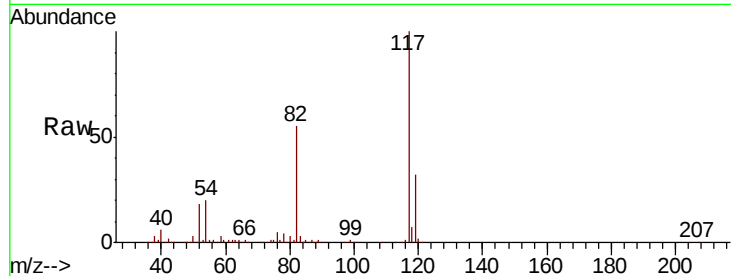




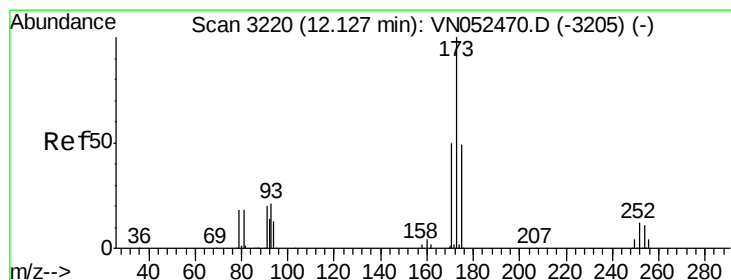
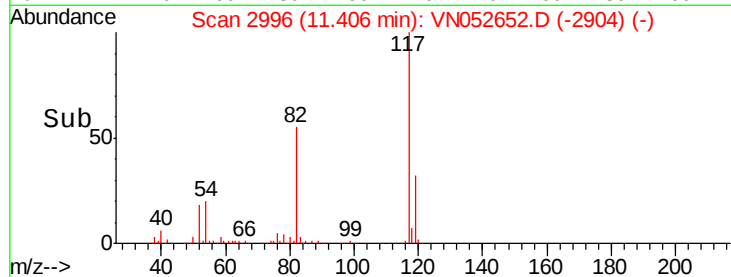
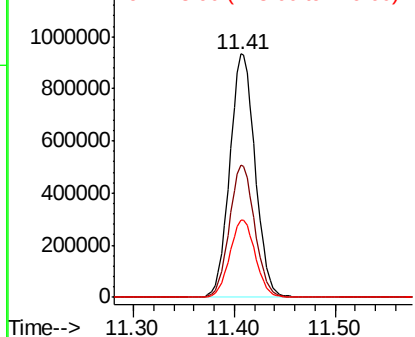
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052652.D
Acq: 4 Dec 2018 14:13

Instrument :
MSVOA_N
ClientSampleId :
HMF-SOUTH

Tot Ion:117 Resp: 1633718
Ion Ratio Lower Upper
117 100
82 54.6 43.6 65.4
119 31.8 25.4 38.2

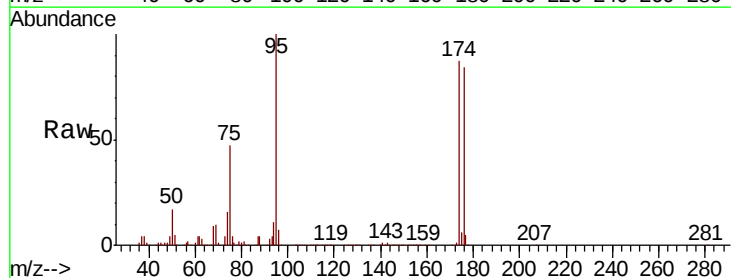


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

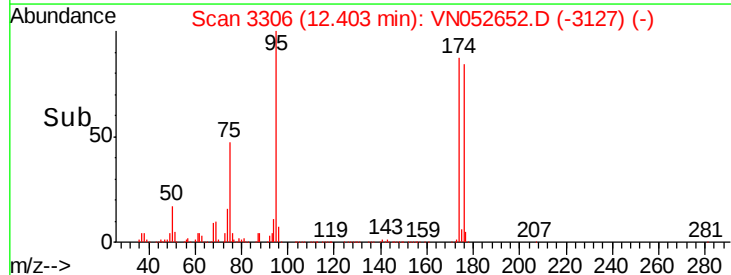
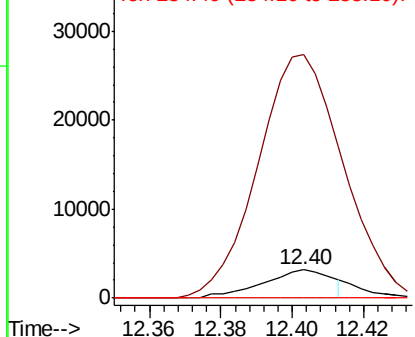


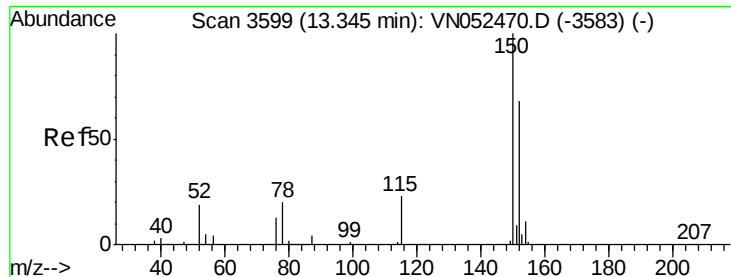
#71
Bromoform
Concen: 0.550 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052652.D
Acq: 4 Dec 2018 14:13

Tgt Ion:173 Resp: 4268
Ion Ratio Lower Upper
173 100
175 909.3 24.4 73.2#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052652.D

Acq: 4 Dec 2018 14:13

Instrument :

MSVOA_N

ClientSampleId :

HMF-SOUTH

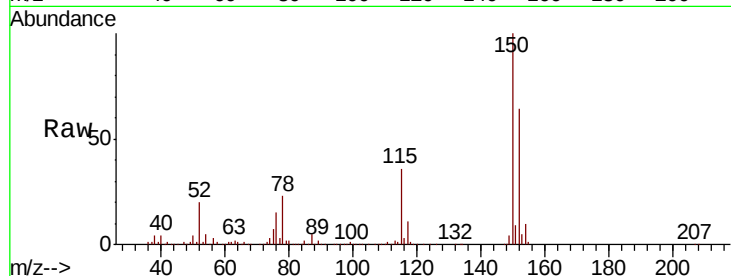
Tot Ion:152 Resp: 611224

Ion Ratio Lower Upper

152 100

115 56.7 28.4 85.2

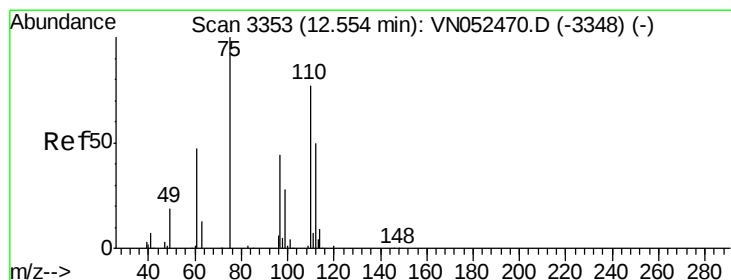
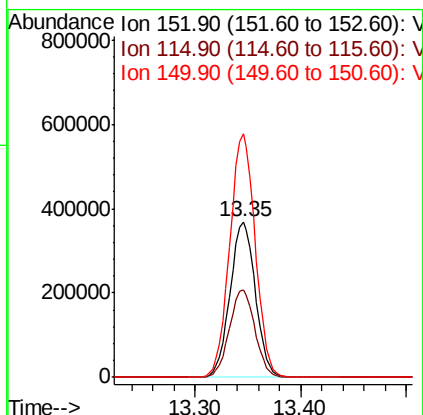
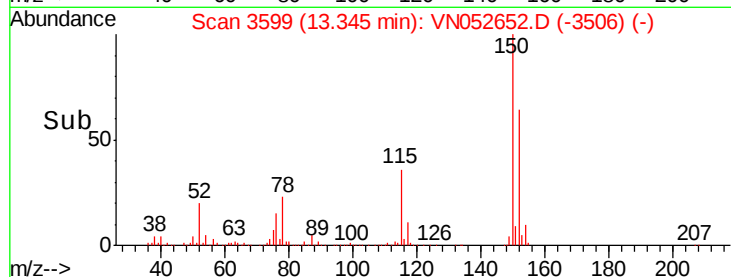
150 157.0 0.0 346.0



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



#76

1,2,3-Trichloropropane

Concen: 36.108 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052652.D

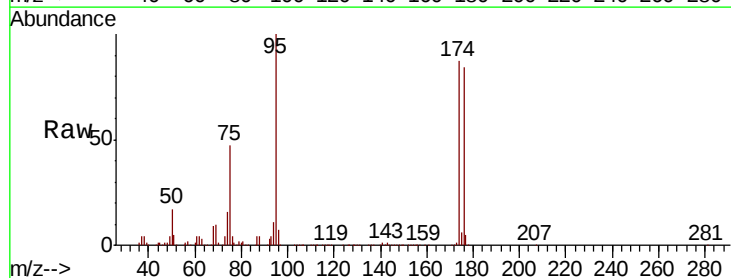
Acq: 4 Dec 2018 14:13

Tgt Ion: 75 Resp: 340331

Ion Ratio Lower Upper

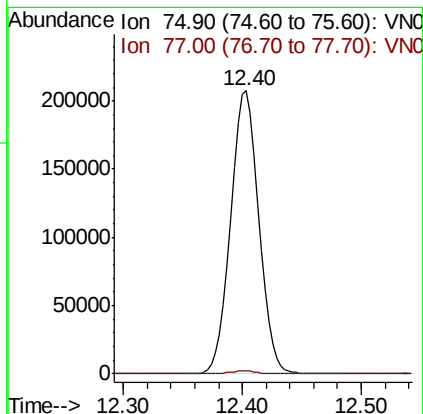
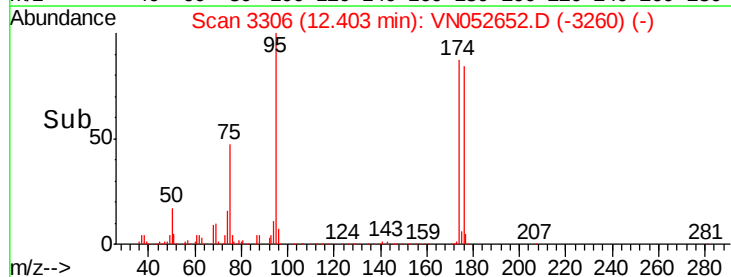
75 100

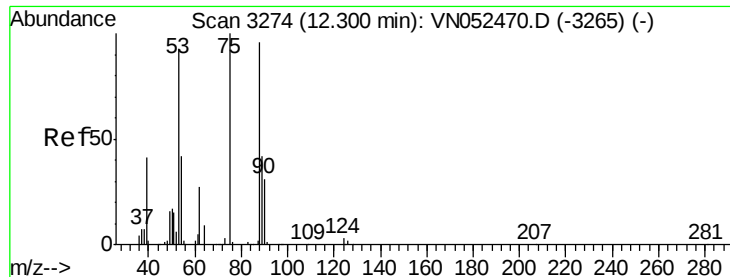
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 120.583 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052652.D

Acq: 4 Dec 2018 14:13

Instrument :

MSVOA_N

ClientSampled :

HMF-SOUTH

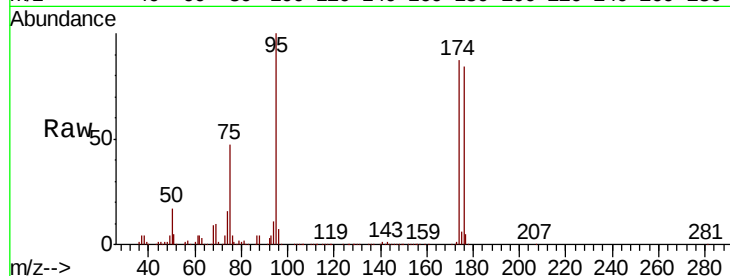
Tot Ion: 75 Resp: 340331

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

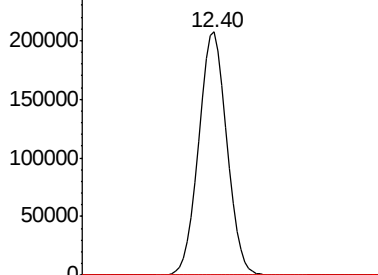
89 0.0 35.4 53.2#



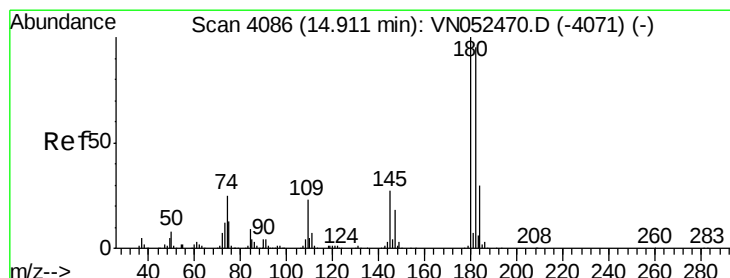
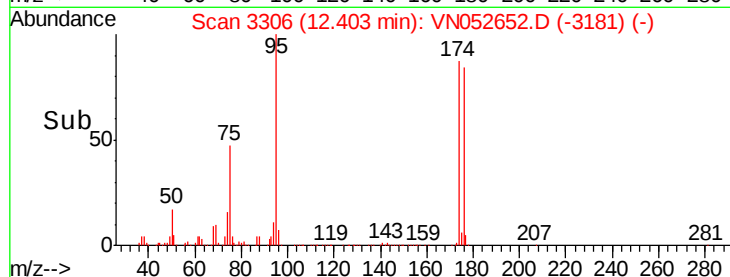
Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN052470.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN052470.D (-3265) (-)



Time--> 12.30 12.40 12.50



#93

1,2,4-Trichlorobenzene

Concen: 2.851 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN052652.D

Acq: 4 Dec 2018 14:13

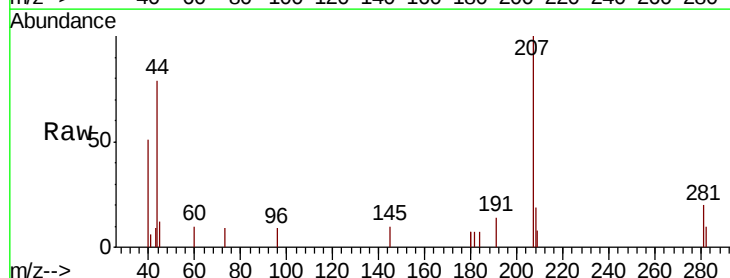
Tgt Ion:180 Resp: 247

Ion Ratio Lower Upper

180 100

182 77.3 47.8 143.4

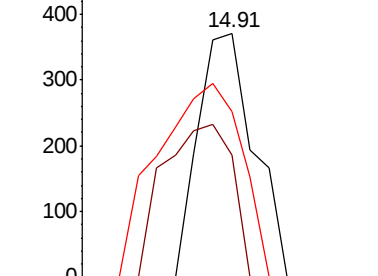
145 120.2 14.1 42.3#



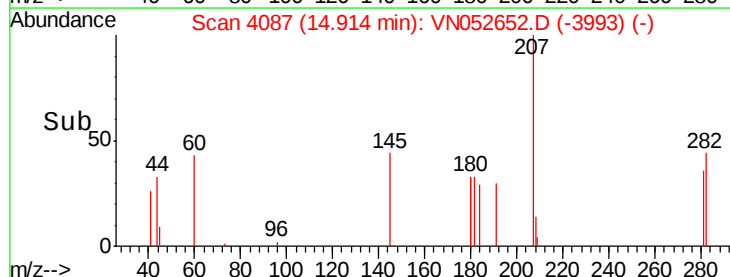
Abundance Ion 179.80 (179.50 to 180.50): VN052470.D (-4071) (-)

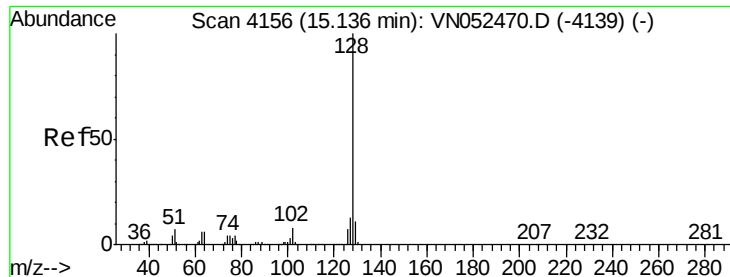
Ion 181.80 (181.50 to 182.50): VN052470.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN052470.D (-4071) (-)



Time--> 14.90 14.92

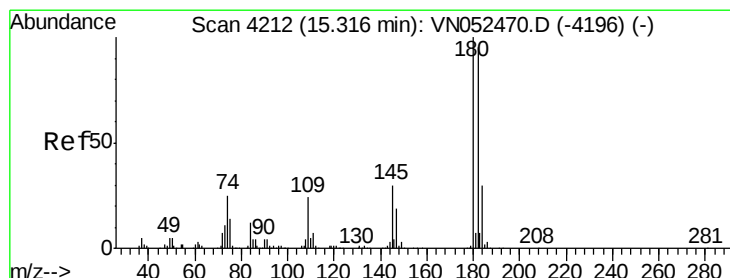
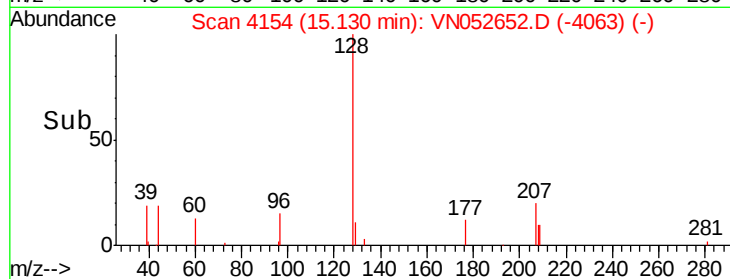
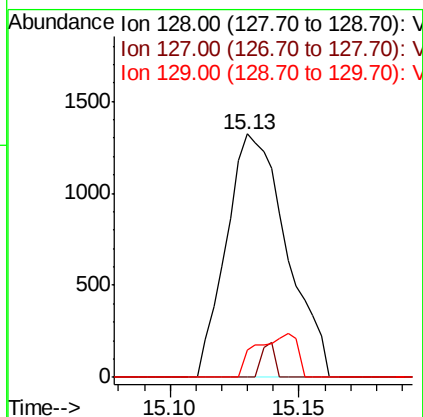
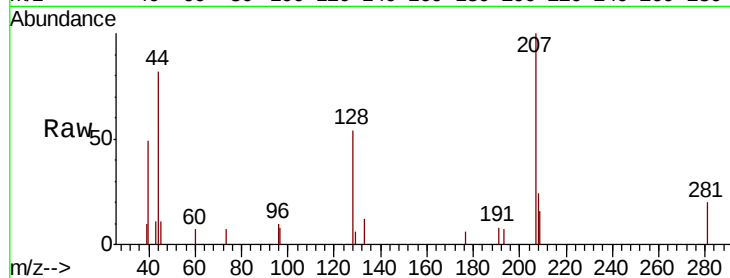




#95
Naphthalene
Concen: 3.516 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.01 min
Lab File: VN052652.D
Acq: 4 Dec 2018 14:13

Instrument :
MSVOA_N
ClientSampleId :
HMF-SOUTH

Tot Ion:128 Resp: 2160
Ion Ratio Lower Upper
128 100
127 3.2 10.2 15.2#
129 12.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.737 ug/l
RT: 15.32 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN052652.D
Acq: 4 Dec 2018 14:13

Tgt Ion:180 Resp: 106
Ion Ratio Lower Upper
180 100
182 133.0 47.8 143.3
145 63.2 15.2 45.5#

