

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051570.D
 Acq On : 27 Sep 2018 9:22
 Operator : MD\SY
 Sample : J4779-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-092418-B

Quant Time: Sep 27 11:34:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1025435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	871415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321680	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	453420	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.59	113	395715	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	10.09	98	1440691	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	12.40	95	399129	39.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.92%	

Target Compounds

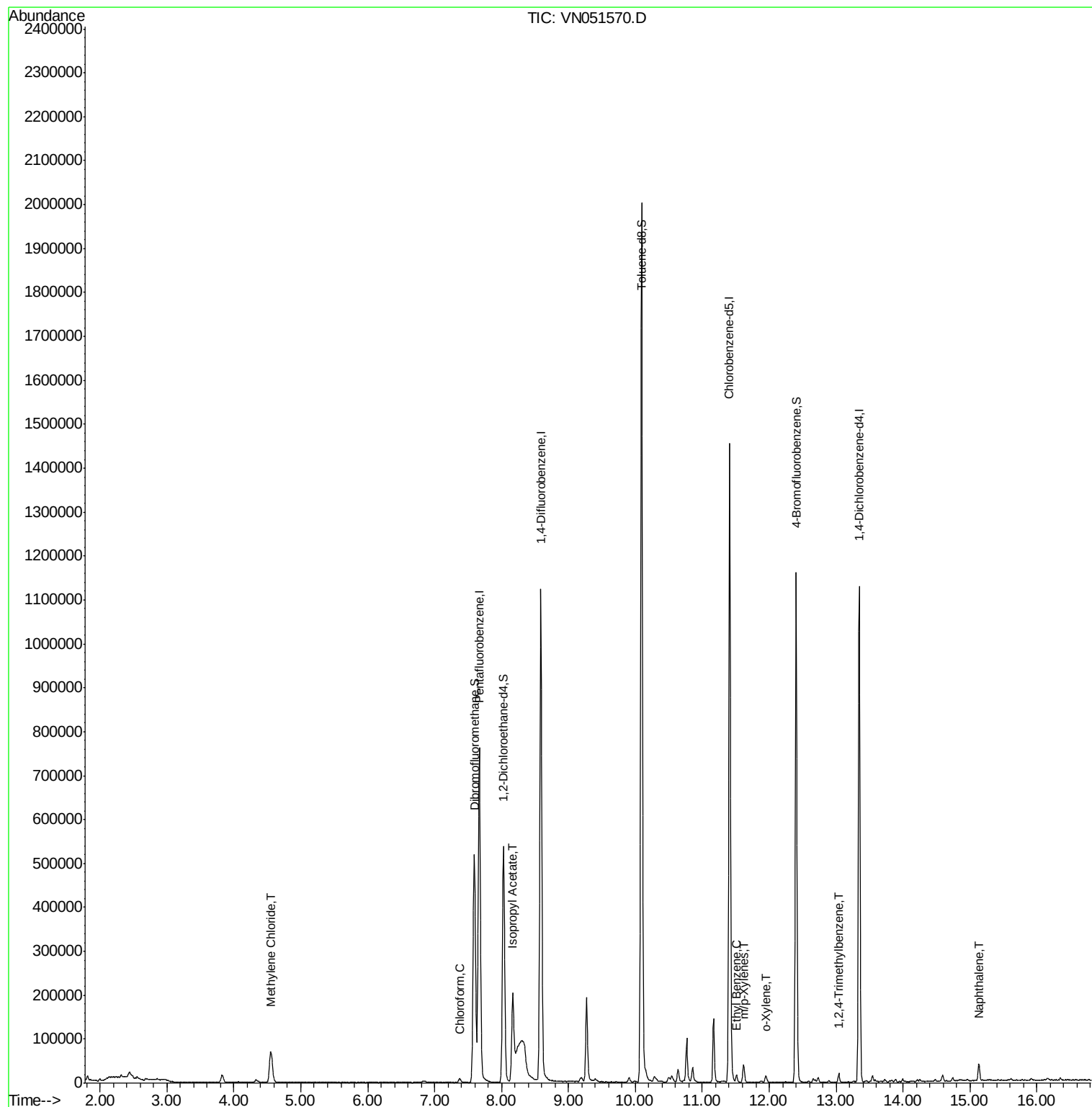
					Qvalue
20) Methylene Chloride	4.55	84	54805	6.955	ug/l 97
30) Chloroform	7.37	83	9676	0.713	ug/l 98
43) Isopropyl Acetate	8.17	43	261466	21.178	ug/l 94
67) Ethyl Benzene	11.51	91	11206	0.297	ug/l 99
68) m/p-Xylenes	11.62	106	12459	0.855	ug/l 95
69) o-Xylene	11.95	106	3738	0.267	ug/l 97
84) 1,2,4-Trimethylbenzene	13.04	105	10821	0.485	ug/l 98
95) Naphthalene	15.13	128	33888	10.422	ug/l 99

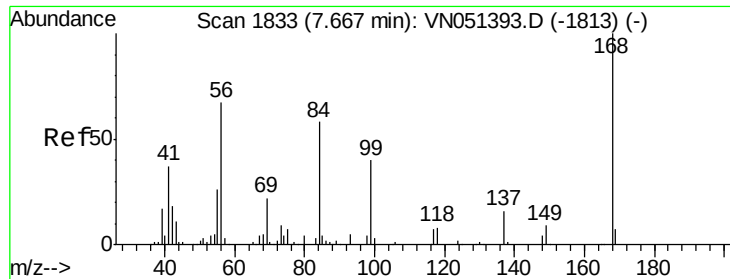
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 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: VN051570.D

Acq: 27 Sep 2018 9:22

Instrument :

MSVOA_N

ClientSampleId :

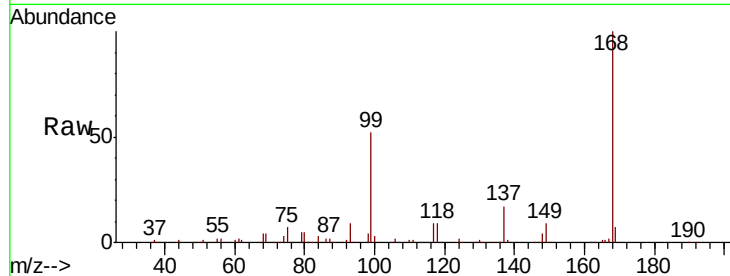
SU-02-092418-B

Tot Ion:168 Resp: 635713

Ion Ratio Lower Upper

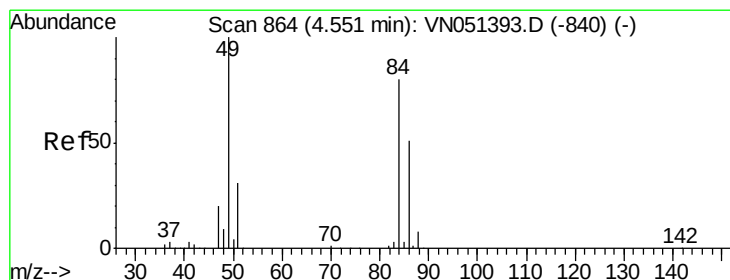
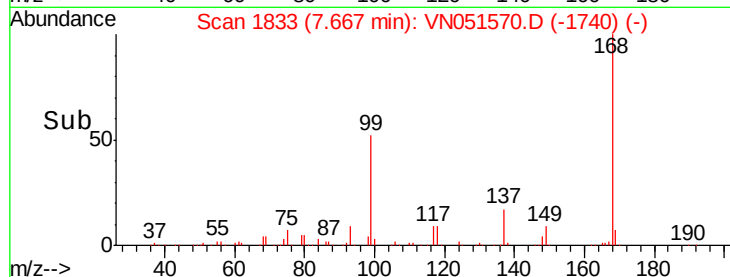
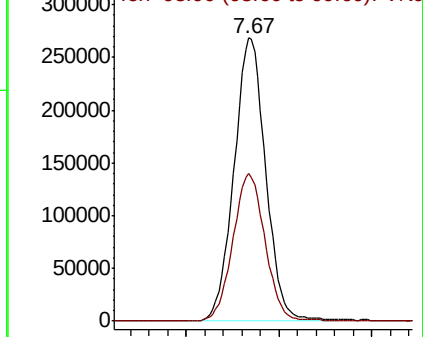
168 100

99 52.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 6.955 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN051570.D

Acq: 27 Sep 2018 9:22

Tgt Ion: 84 Resp: 54805

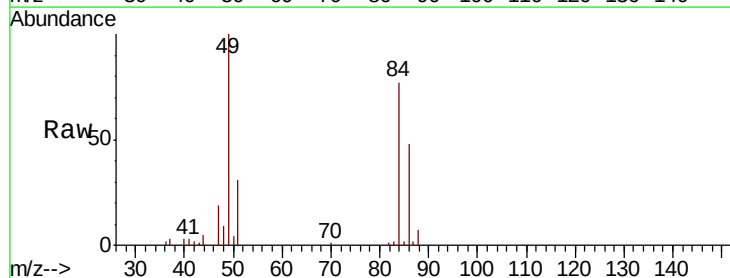
Ion Ratio Lower Upper

84 100

49 129.5 99.9 149.9

51 39.7 31.4 47.2

86 62.0 50.9 76.3

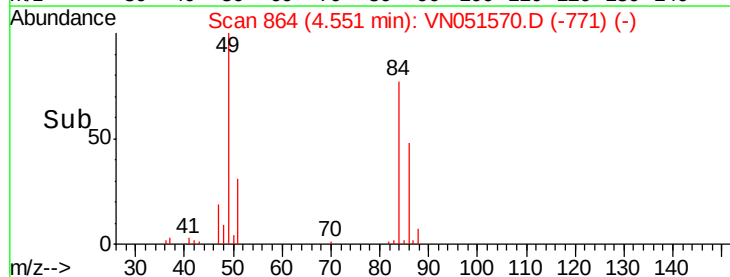
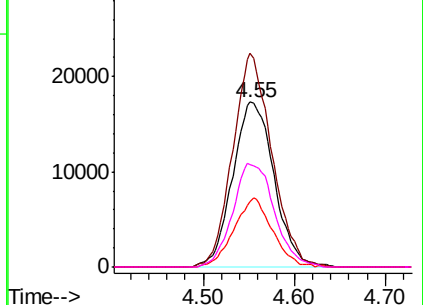


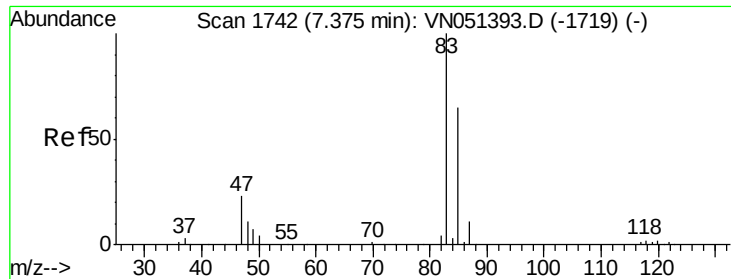
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

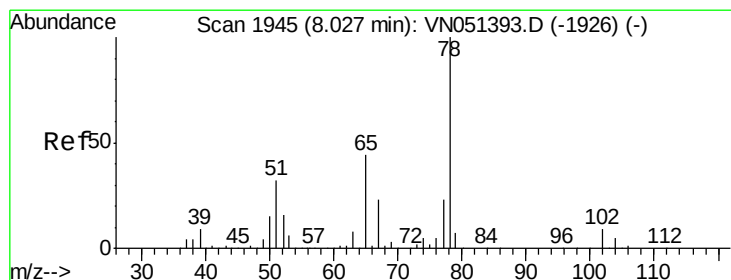
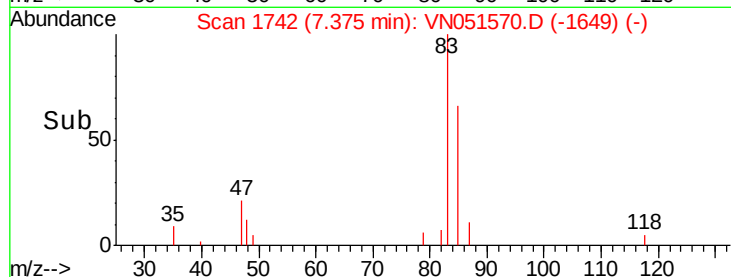
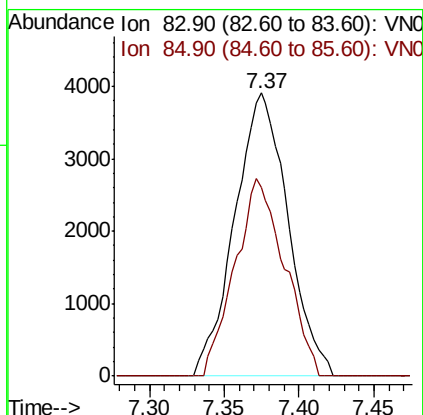
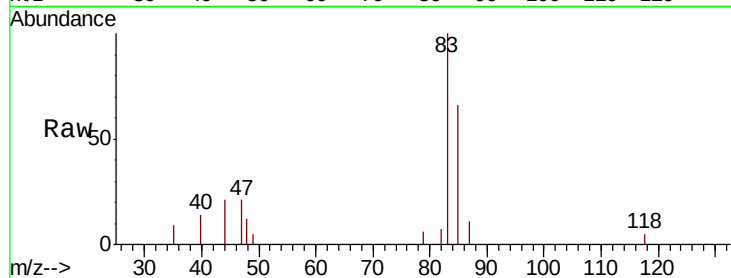




#30
Chloroform
Concen: 0.713 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051570.D
Acq: 27 Sep 2018 9:22

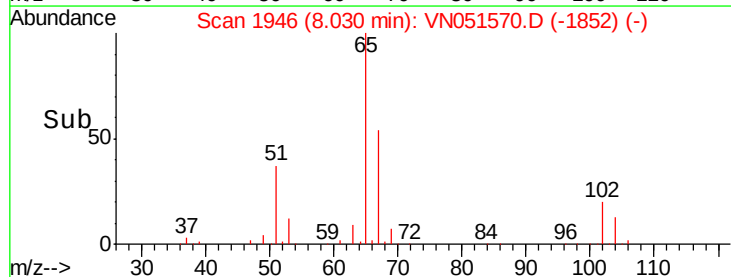
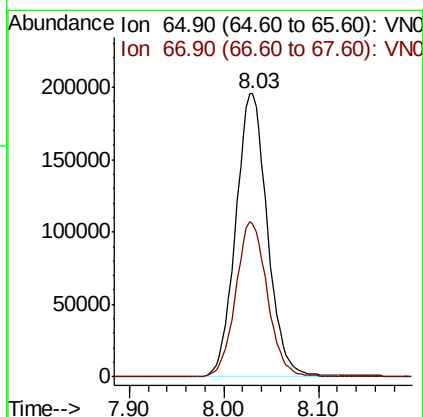
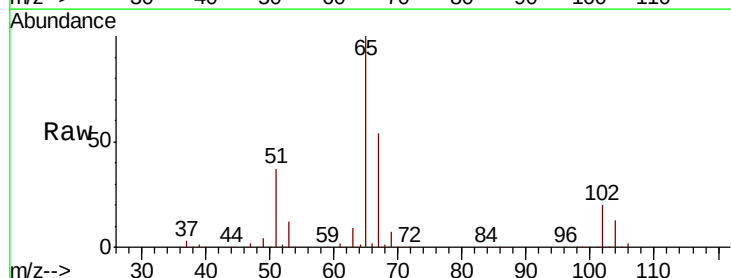
Instrument :
MSVOA_N
ClientSampleId :
SU-02-092418-B

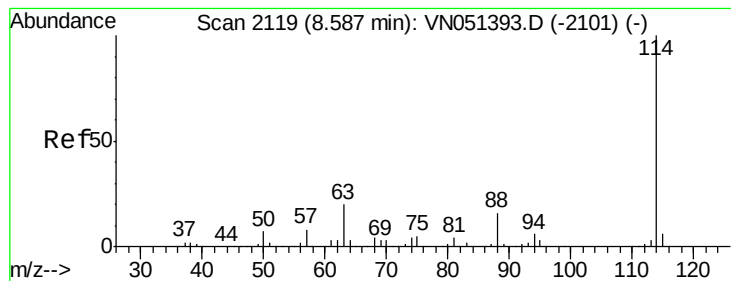
Tot Ion: 83 Resp: 9676
Ion Ratio Lower Upper
83 100
85 66.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 56.938 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051570.D
Acq: 27 Sep 2018 9:22

Tgt Ion: 65 Resp: 453420
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051570.D

Acq: 27 Sep 2018 9:22

Instrument :

MSVOA_N

ClientSampleId :

SU-02-092418-B

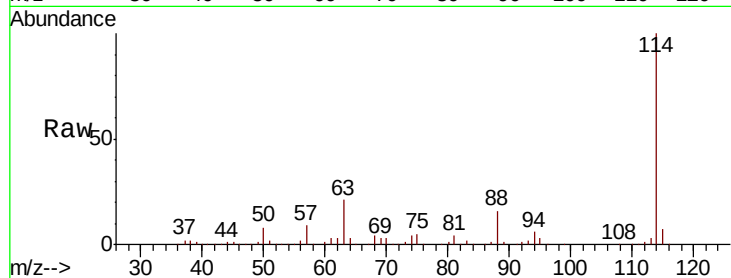
Tot Ion:114 Resp: 1025435

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

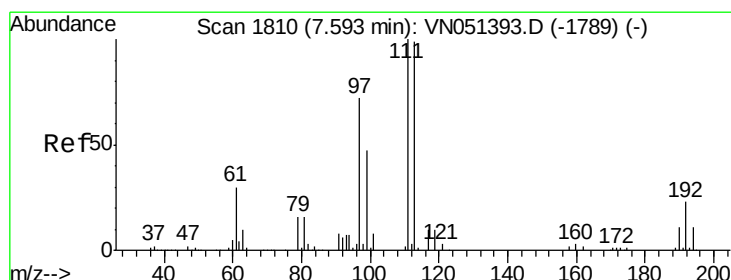
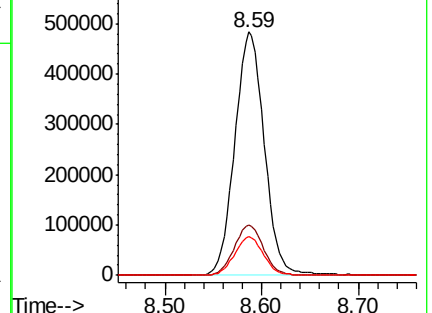
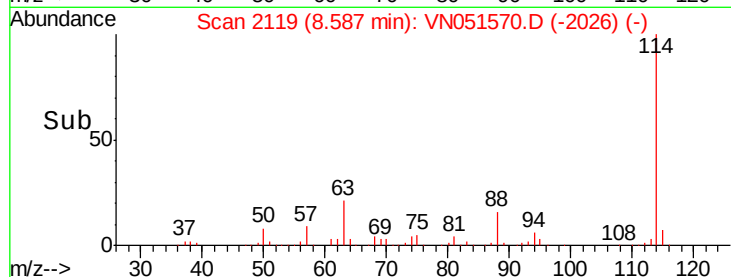
88 15.8 0.0 31.4



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: 48.258 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051570.D

Acq: 27 Sep 2018 9:22

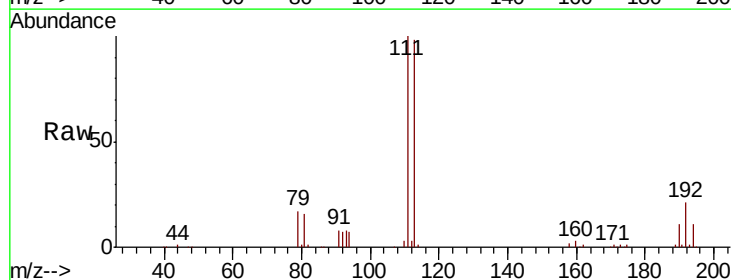
Tgt Ion:113 Resp: 395715

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

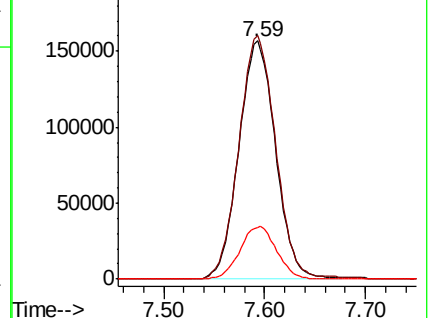
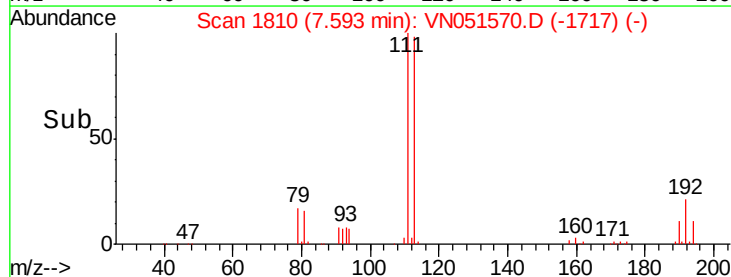
192 22.0 18.0 27.0

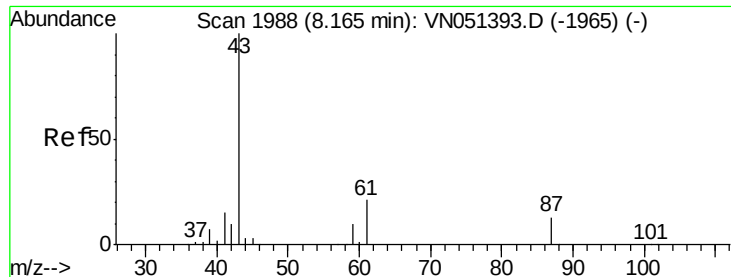


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 21.178 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051570.D

Acq: 27 Sep 2018 9:22

Instrument :

MSVOA_N

ClientSampleId :

SU-02-092418-B

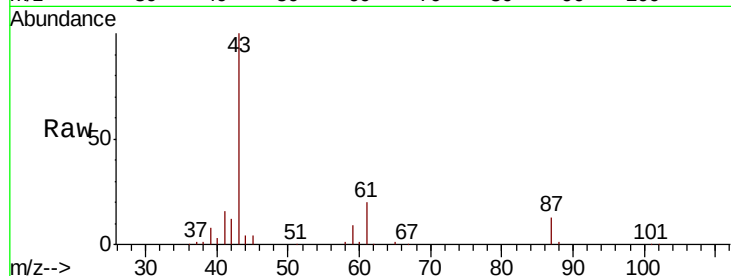
Tot Ion: 43 Resp: 261466

Ion Ratio Lower Upper

43 100

61 18.1 16.8 25.2

87 11.4 10.7 16.1

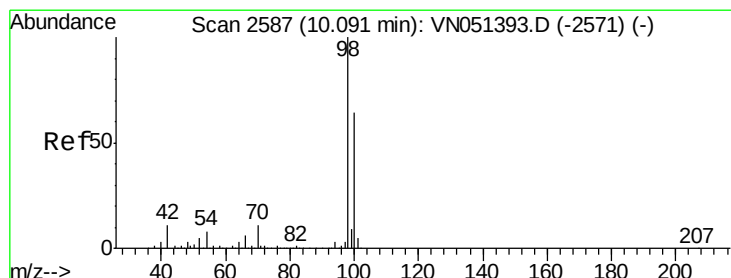
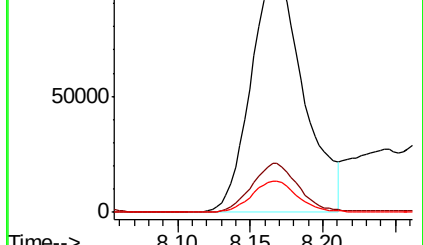
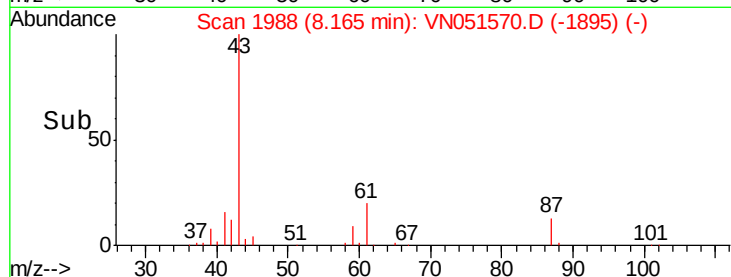


Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051393.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051393.D (-1965) (-)

Time-->



#50

Toluene-d8

Concen: 46.657 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051570.D

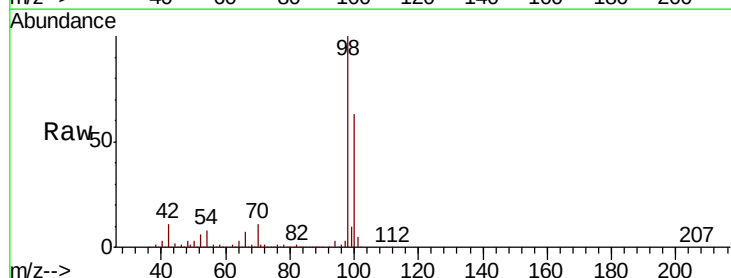
Acq: 27 Sep 2018 9:22

Tgt Ion: 98 Resp: 1440691

Ion Ratio Lower Upper

98 100

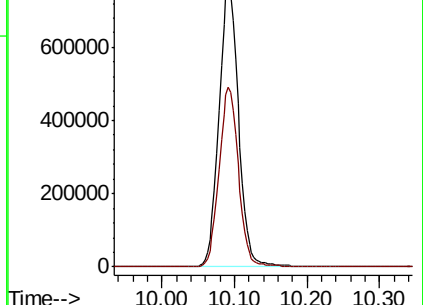
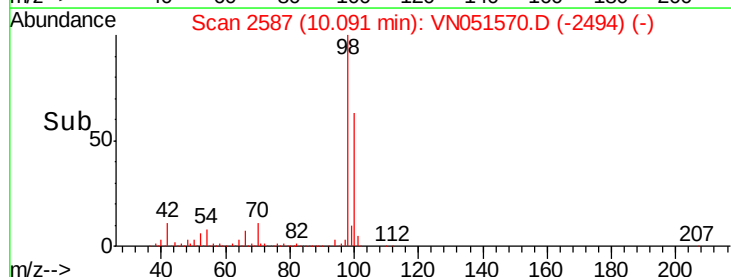
100 63.1 50.6 75.8

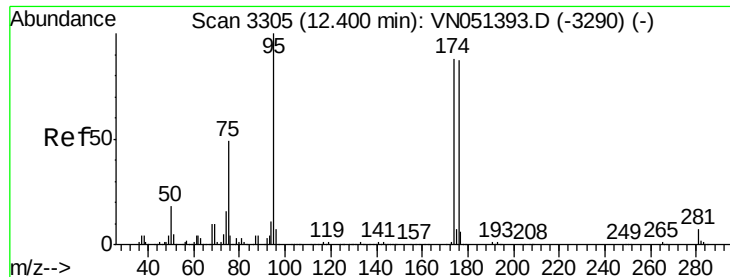


Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN051393.D (-2571) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 39.957 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051570.D

Acq: 27 Sep 2018 9:22

Instrument :

MSVOA_N

ClientSampleId :

SU-02-092418-B

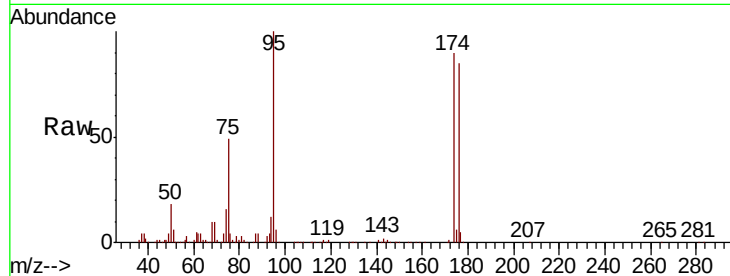
Tot Ion: 95 Resp: 399129

Ion Ratio Lower Upper

95 100

174 89.3 0.0 181.6

176 85.6 0.0 176.4

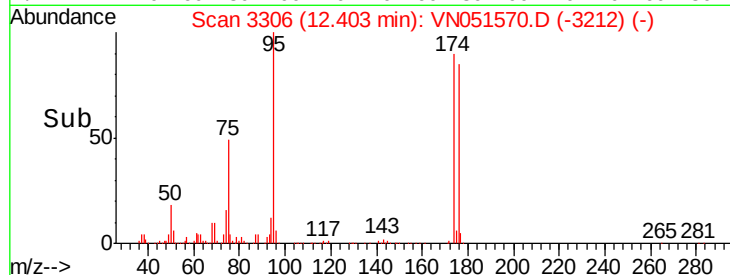


Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

Time-->

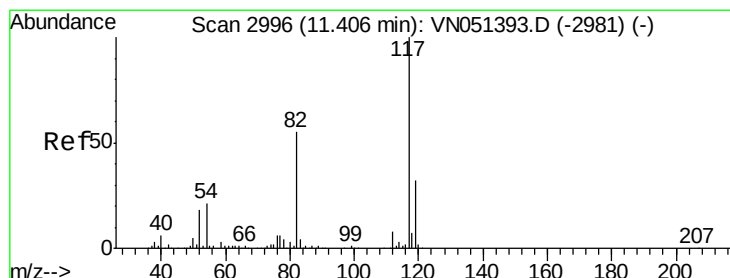


Abundance Ion 94.90 (94.60 to 95.60): VN051570.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051570.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051570.D (-3212) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051570.D

Acq: 27 Sep 2018 9:22

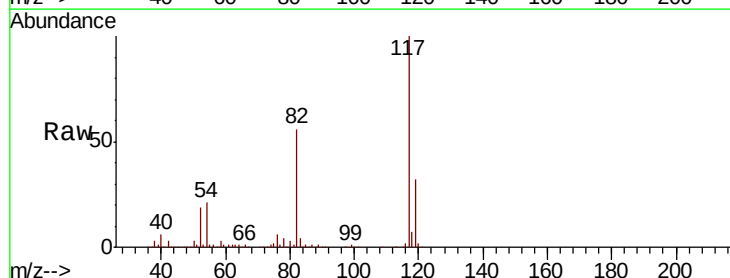
Tgt Ion: 117 Resp: 871415

Ion Ratio Lower Upper

117 100

82 56.0 44.2 66.2

119 32.2 25.9 38.9

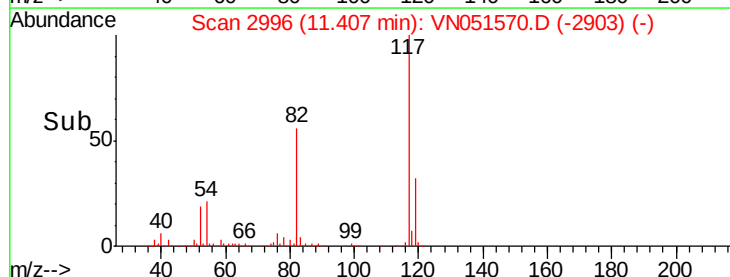


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)

Time-->

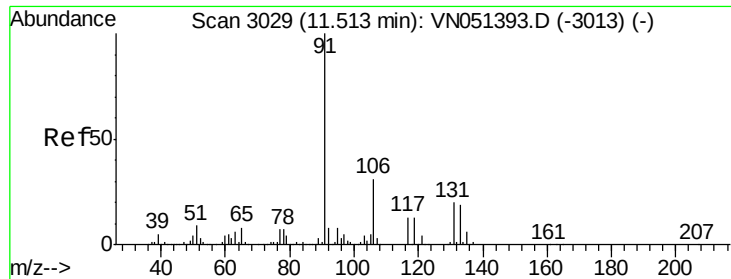


Abundance Ion 116.90 (116.60 to 117.60): VN051570.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051570.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051570.D (-2903) (-)

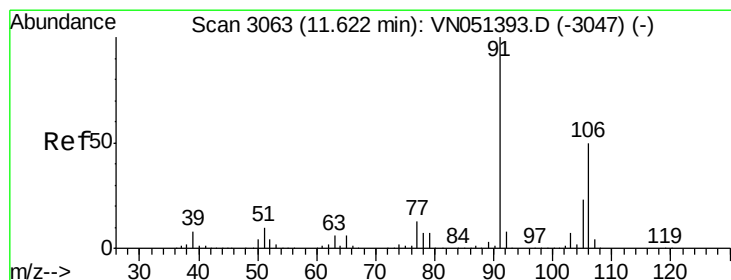
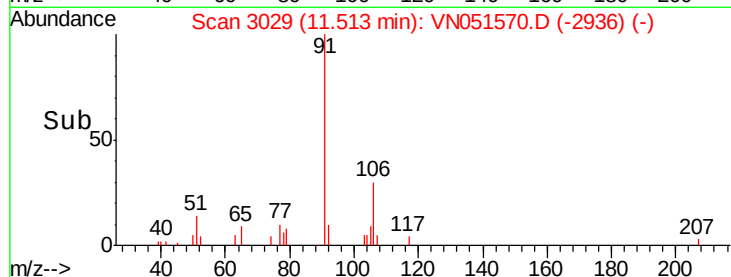
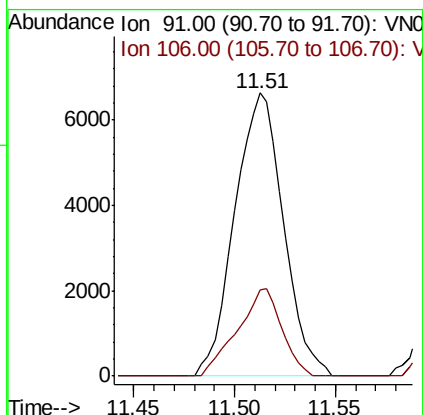
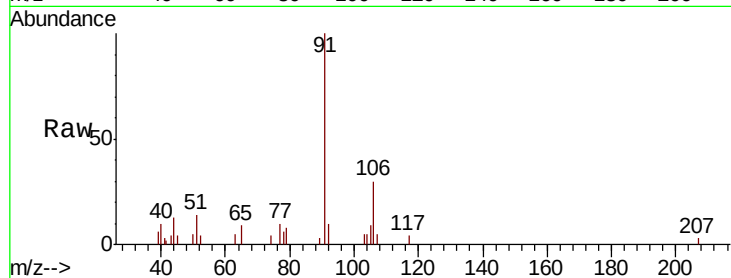
Time-->



#67
Ethyl Benzene
Concen: 0.297 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051570.D
Acq: 27 Sep 2018 9:22

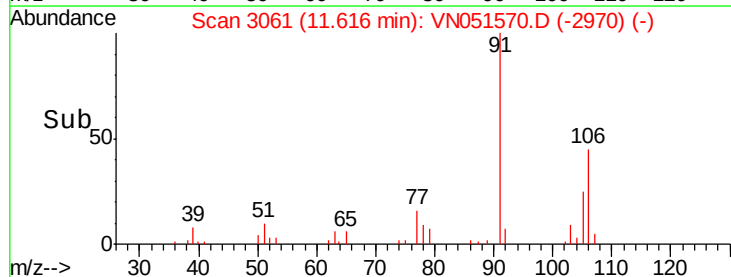
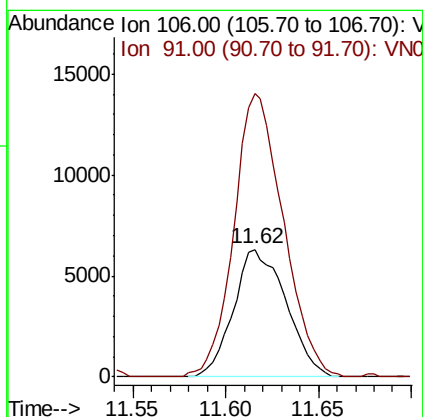
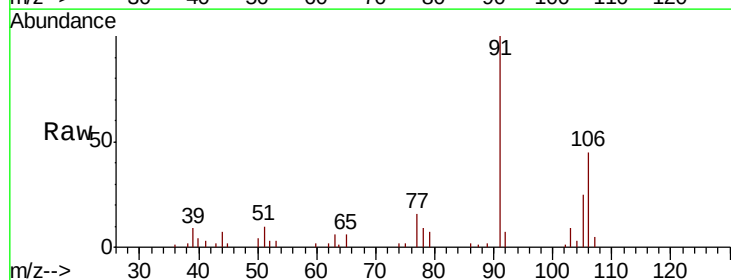
Instrument :
MSVOA_N
ClientSampleId :
SU-02-092418-B

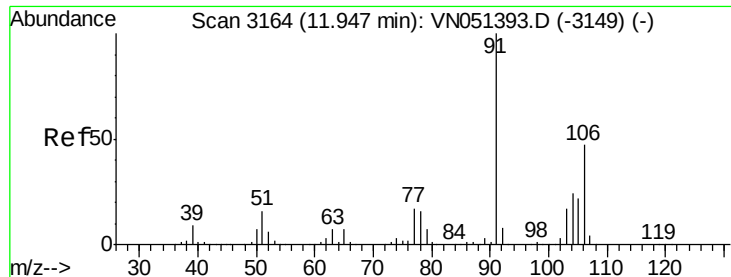
Tot Ion: 91 Resp: 11206
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.4



#68
m/p-Xylenes
Concen: 0.855 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN051570.D
Acq: 27 Sep 2018 9:22

Tgt Ion: 106 Resp: 12459
Ion Ratio Lower Upper
106 100
91 208.9 161.3 241.9

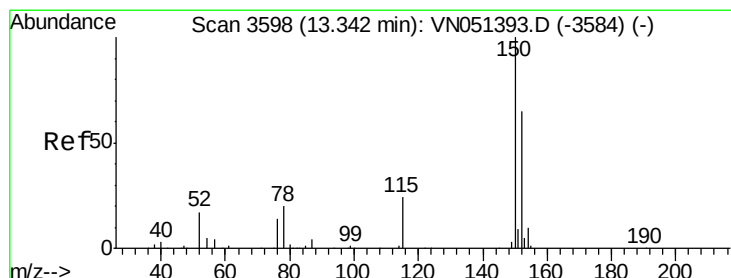
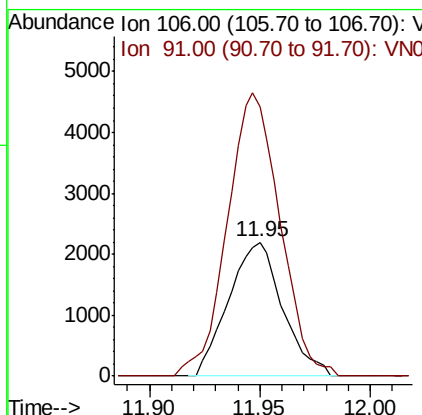
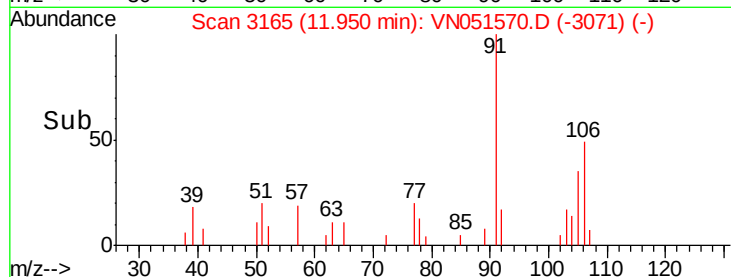
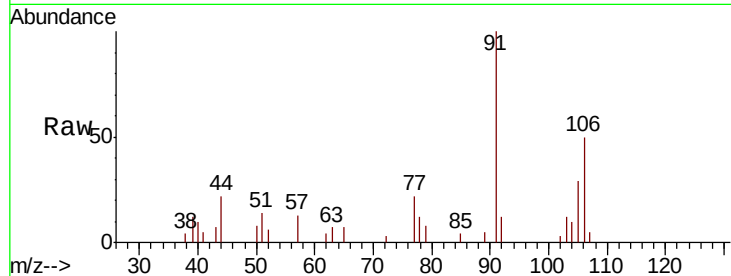




#69
o-Xylene
Concen: 0.267 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051570.D
Acq: 27 Sep 2018 9:22

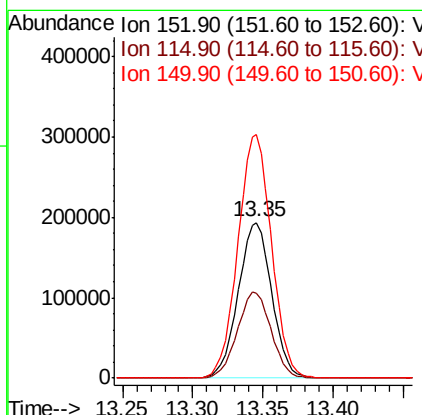
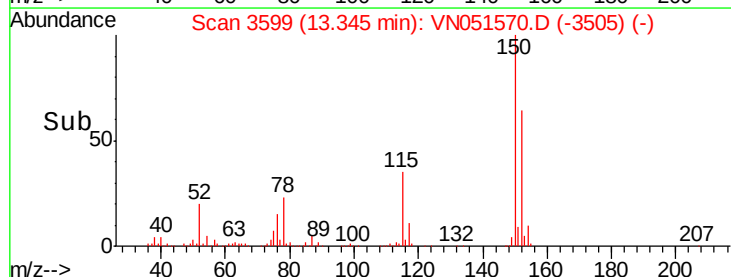
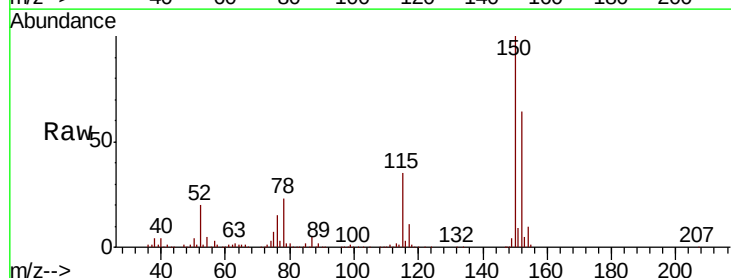
Instrument :
MSVOA_N
ClientSampled :
SU-02-092418-B

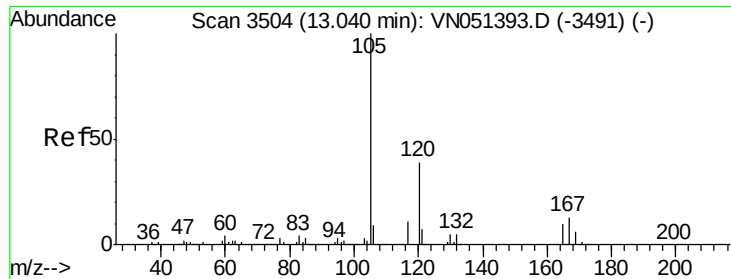
Tot Ion:106 Resp: 3738
Ion Ratio Lower Upper
106 100
91 205.5 105.3 315.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051570.D
Acq: 27 Sep 2018 9:22

Tgt Ion:152 Resp: 321680
Ion Ratio Lower Upper
152 100
115 55.9 28.3 84.9
150 157.0 0.0 353.6

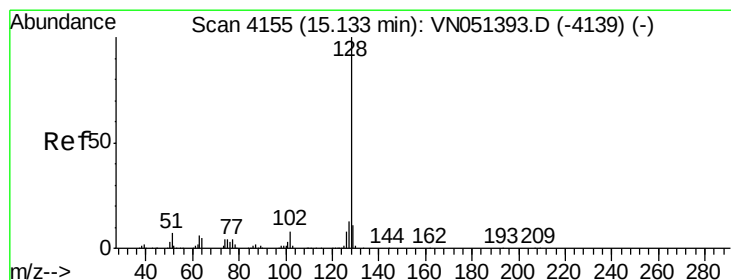
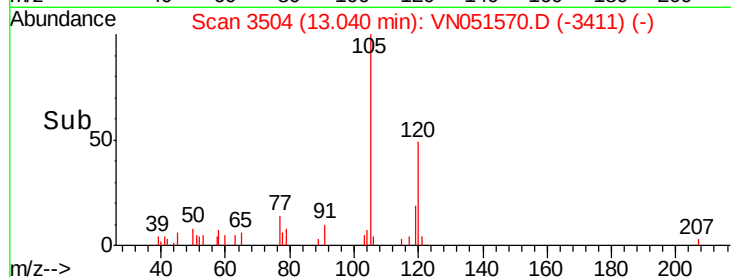
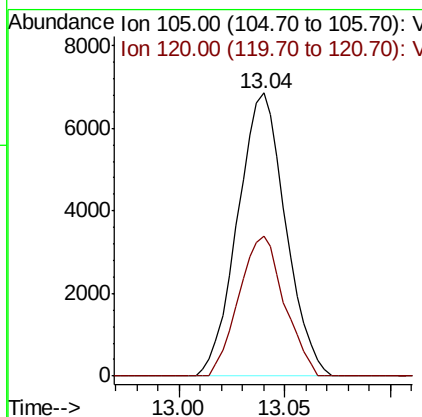
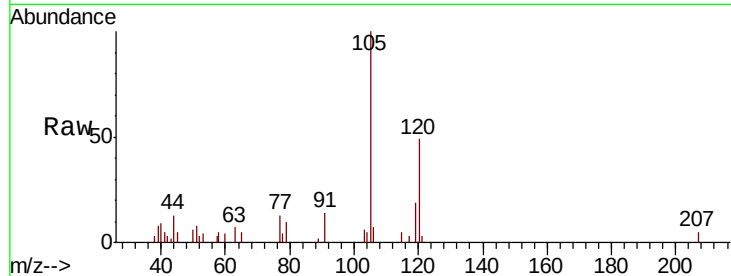




#84
 1,2,4-Trimethylbenzene
 Concen: 0.485 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051570.D
 Acq: 27 Sep 2018 9:22

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-092418-B

Tot Ion:105 Resp: 10821
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.9 68.7



#95
 Naphthalene
 Concen: 10.422 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051570.D
 Acq: 27 Sep 2018 9:22

Tgt Ion:128 Resp: 33888
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.5 15.7
 129 10.3 8.6 12.8

