

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051571.D
 Acq On : 27 Sep 2018 9:46
 Operator : MD\SY
 Sample : J5081-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-D

Quant Time: Sep 27 11:39:36 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	631692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1028411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	871655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	329162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	453437	57.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.60%	
35) Dibromofluoromethane	7.59	113	395373	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.09	98	1441821	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
62) 4-Bromofluorobenzene	12.40	95	395509	39.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.96%	

Target Compounds

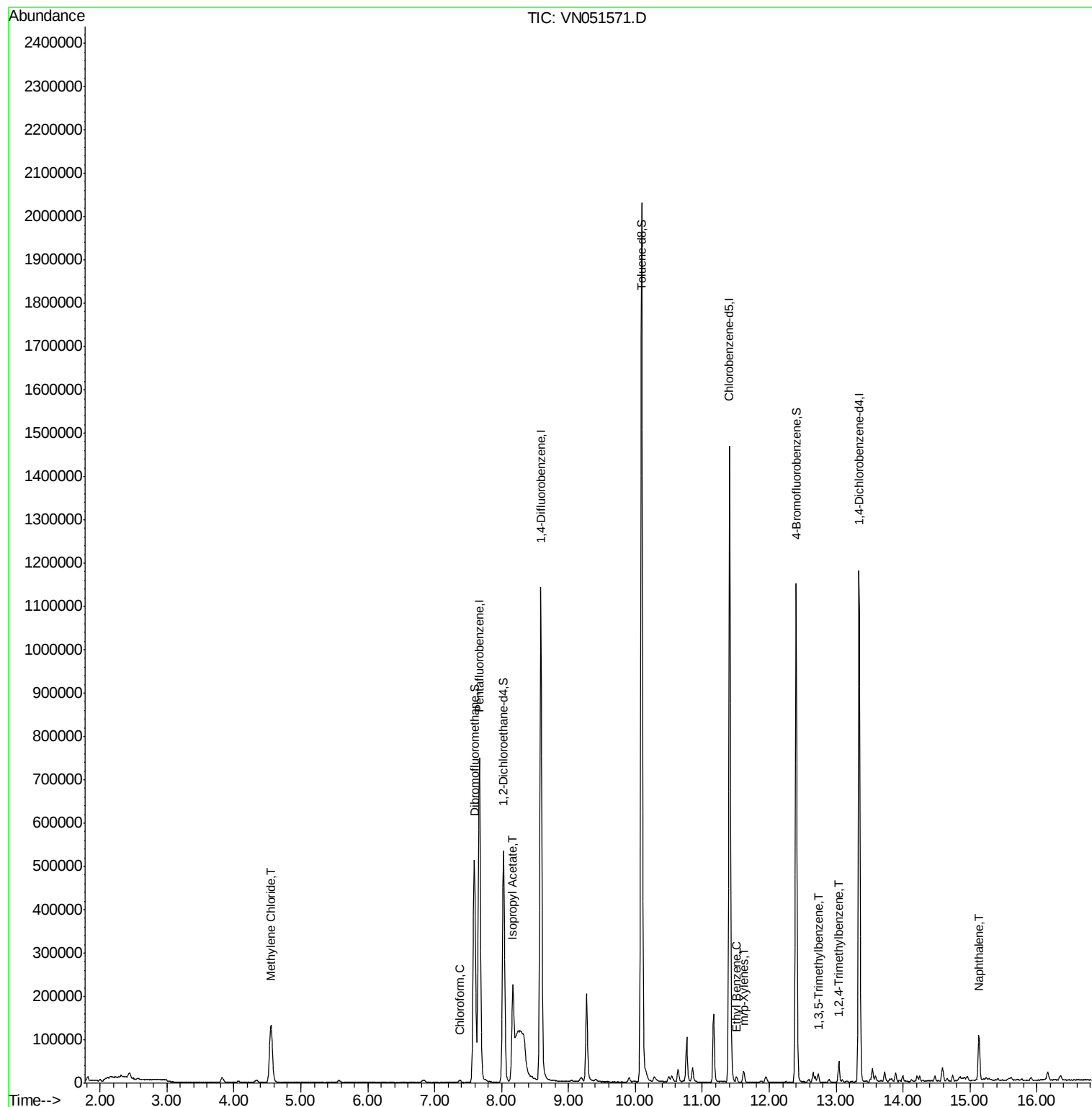
						Qvalue
20) Methylene Chloride	4.55	84	100413	12.824	ug/l	98
30) Chloroform	7.37	83	6845	0.508	ug/l	95
43) Isopropyl Acetate	8.17	43	289385	23.372	ug/l #	92
67) Ethyl Benzene	11.51	91	8029	0.213	ug/l	93
68) m/p-Xylenes	11.62	106	7516	0.516	ug/l	89
80) 1,3,5-Trimethylbenzene	12.73	105	8800	0.389	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	25771	1.129	ug/l	97
95) Naphthalene	15.13	128	92148	14.362	ug/l	98

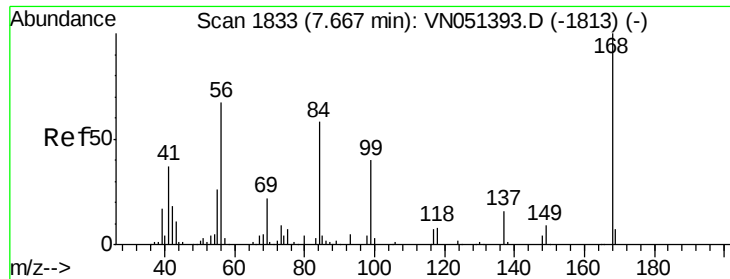
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1834

Delta R.T. 0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

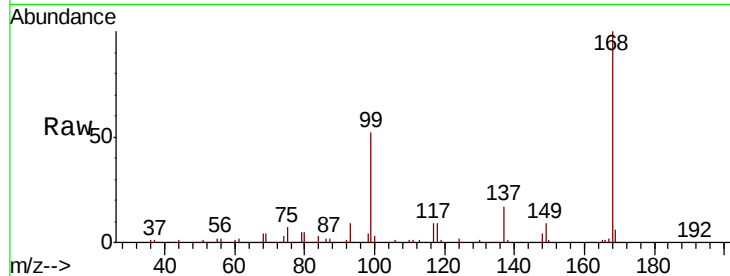
Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

Tot Ion:168 Resp: 631692

Ion Ratio Lower Upper

168 100

99 51.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

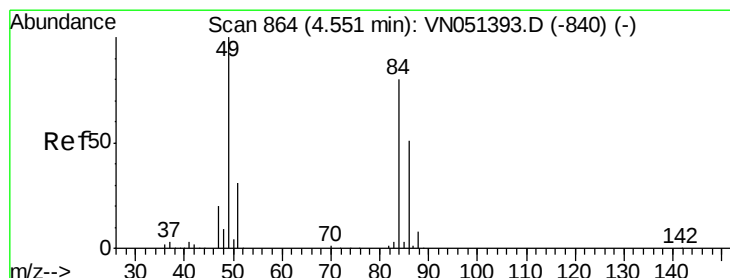
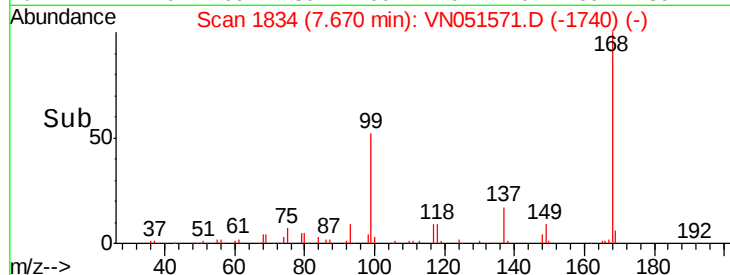
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 12.824 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Tgt Ion: 84 Resp: 100413

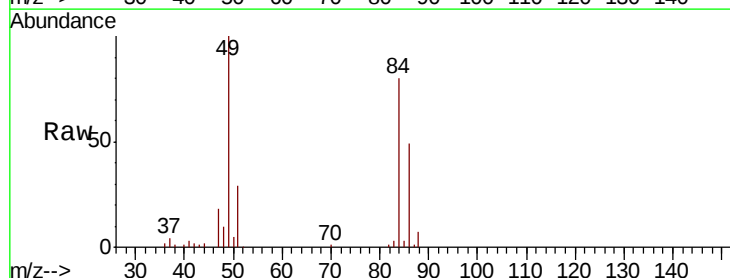
Ion Ratio Lower Upper

84 100

49 125.6 99.9 149.9

51 36.2 31.4 47.2

86 61.9 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

4.55

60000

50000

40000

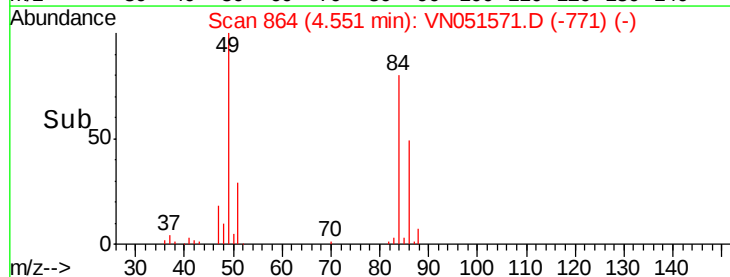
30000

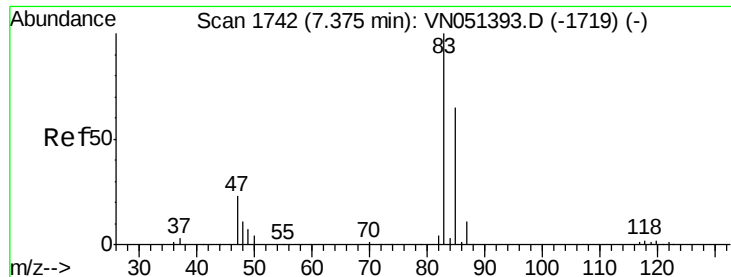
20000

10000

0

Time-->

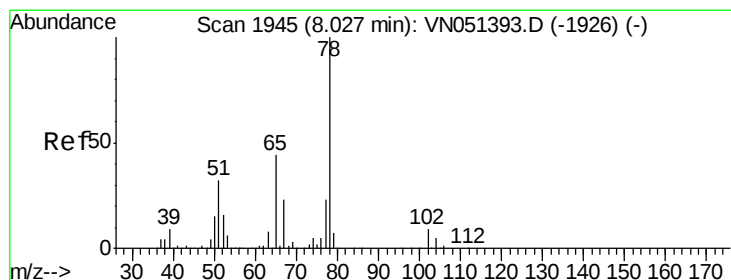
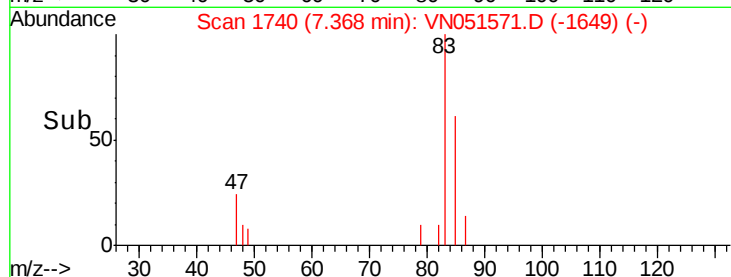
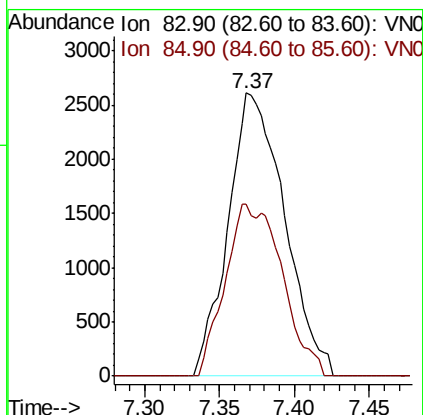
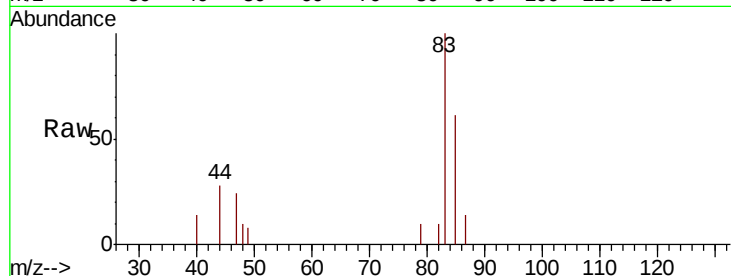




#30
Chloroform
Concen: 0.508 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VN051571.D
Acq: 27 Sep 2018 9:46

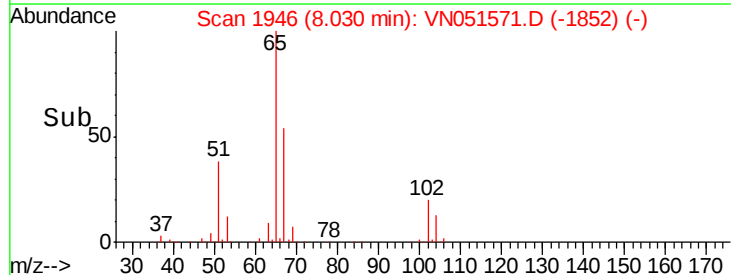
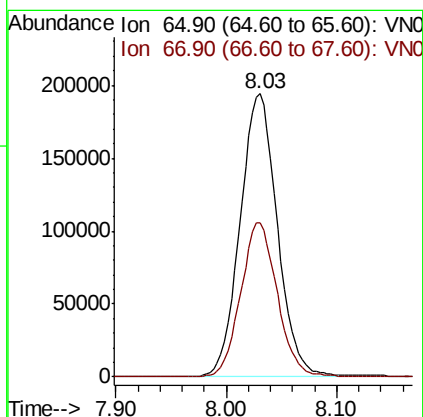
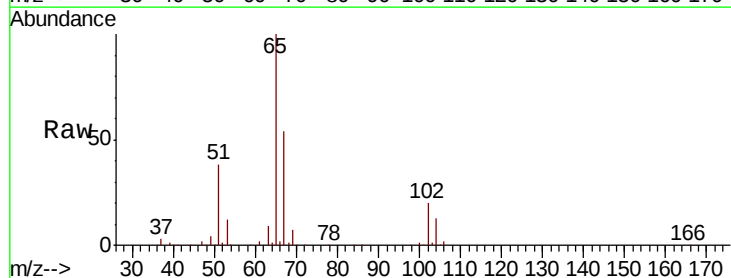
Instrument :
MSVOA_N
ClientSampleId :
TP-1-D

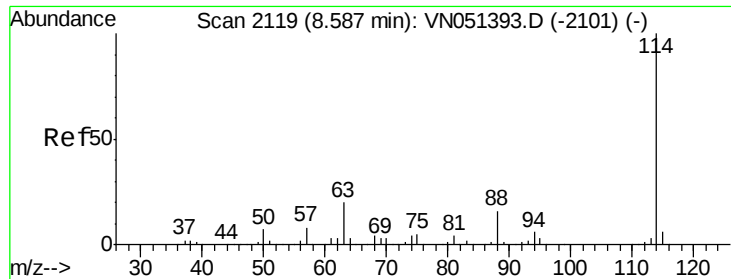
Tot Ion: 83 Resp: 6845
Ion Ratio Lower Upper
83 100
85 60.8 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 57.302 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051571.D
Acq: 27 Sep 2018 9:46

Tgt Ion: 65 Resp: 453437
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.8

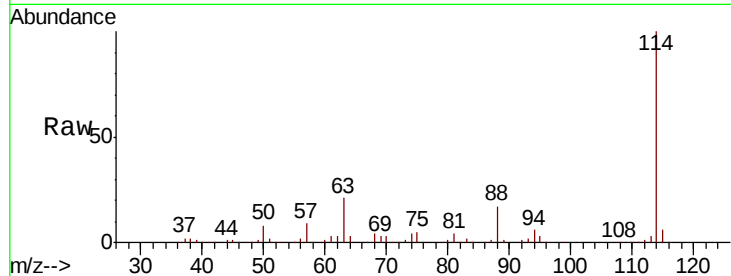




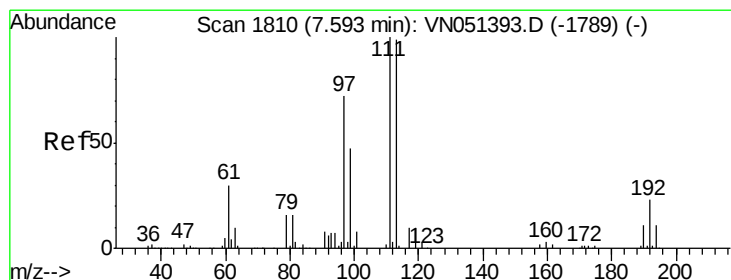
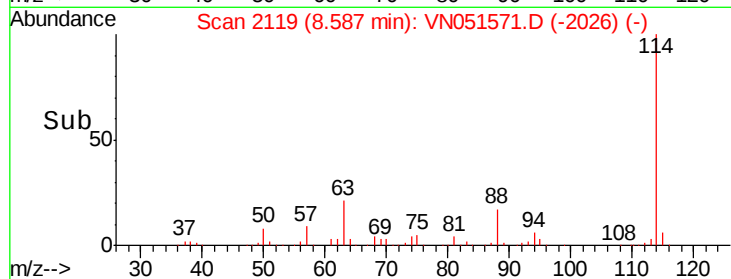
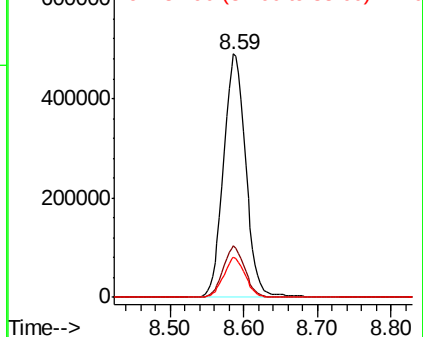
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051571.D
 Acq: 27 Sep 2018 9:46

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-D

Tot Ion:114 Resp: 1028411
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.2
 88 16.6 0.0 31.4

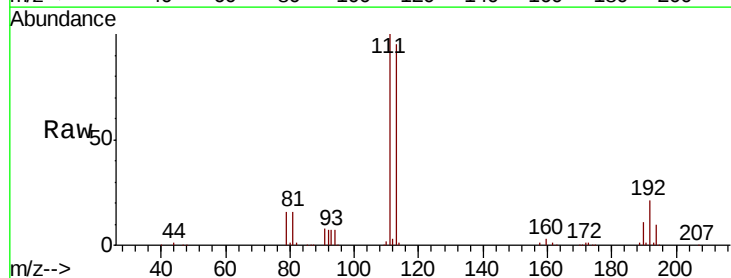


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

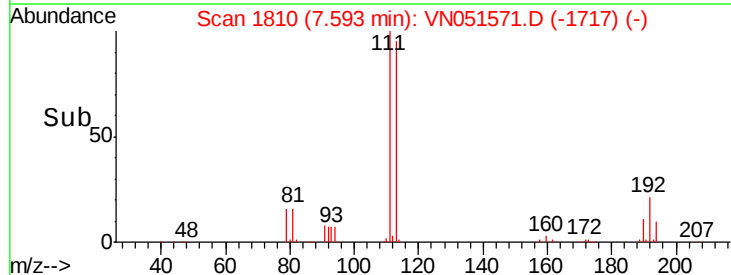
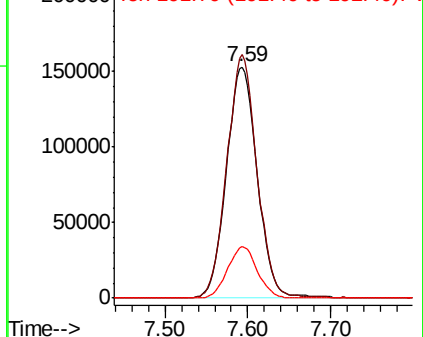


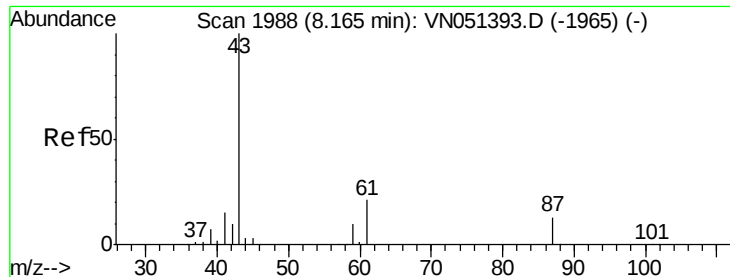
#35
 Dibromofluoromethane
 Concen: 48.077 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051571.D
 Acq: 27 Sep 2018 9:46

Tgt Ion:113 Resp: 395373
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 123.8
 192 21.6 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: 23.372 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampled :

TP-1-D

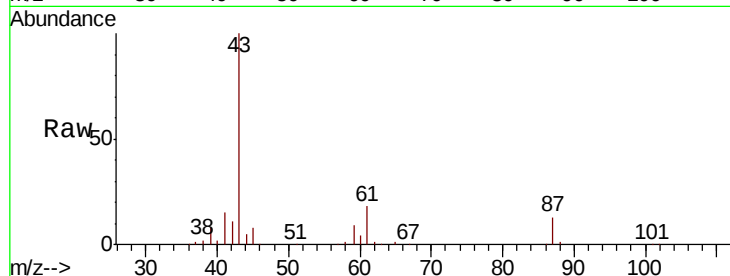
Tot Ion: 43 Resp: 289385

Ion Ratio Lower Upper

43 100

61 17.1 16.8 25.2

87 10.4 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) (-)

8.17

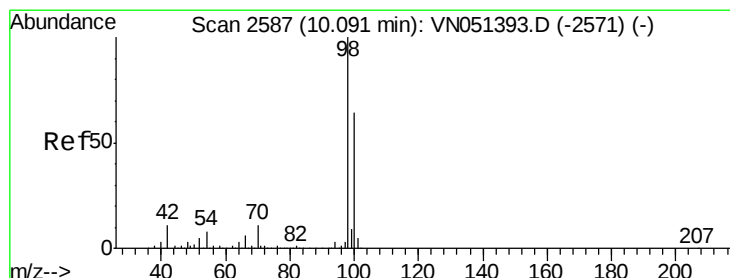
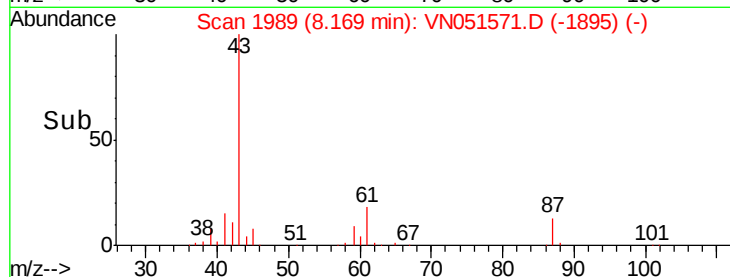
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 46.559 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051571.D

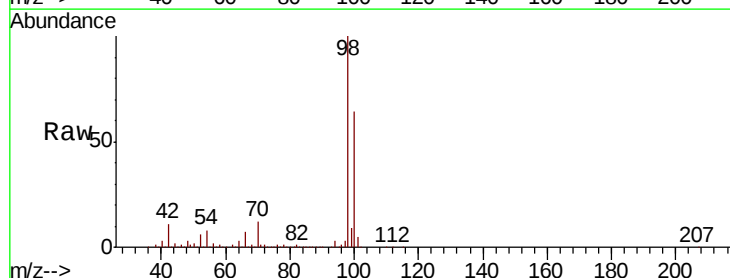
Acq: 27 Sep 2018 9:46

Tgt Ion: 98 Resp: 1441821

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) (-)

10.09

800000

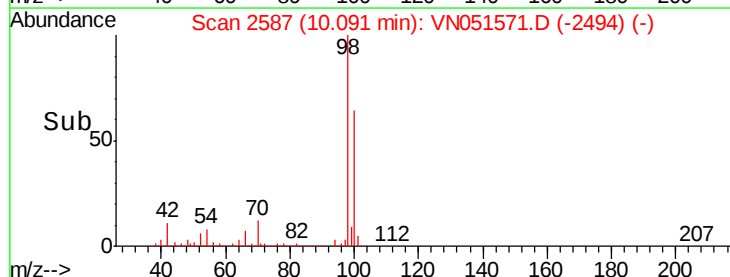
600000

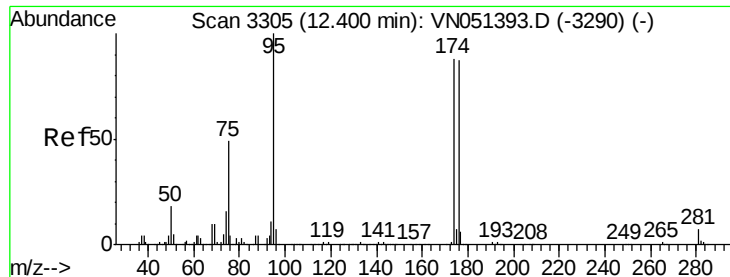
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 39.480 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

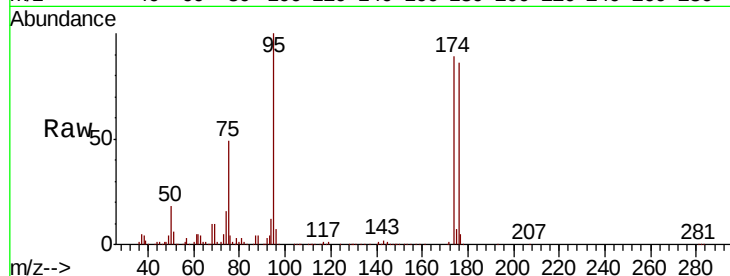
Tot Ion: 95 Resp: 395509

Ion Ratio Lower Upper

95 100

174 88.8 0.0 181.6

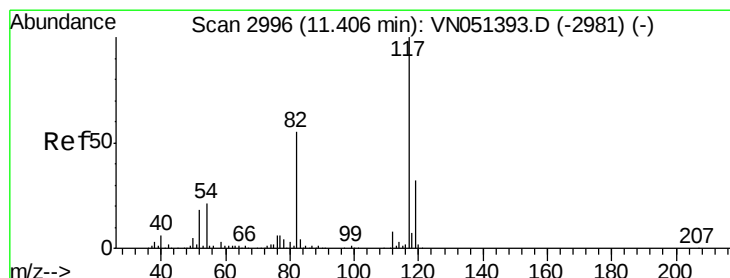
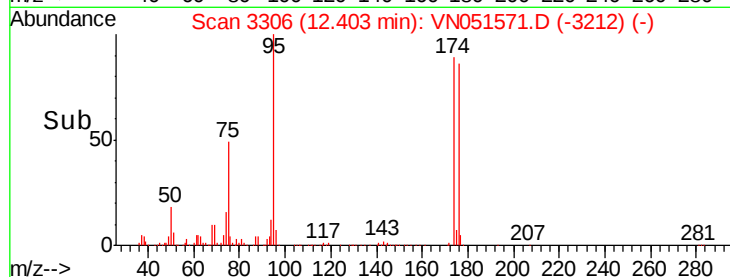
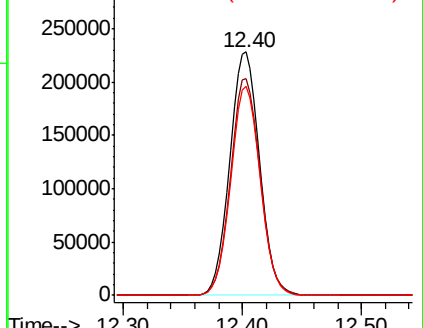
176 85.3 0.0 176.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

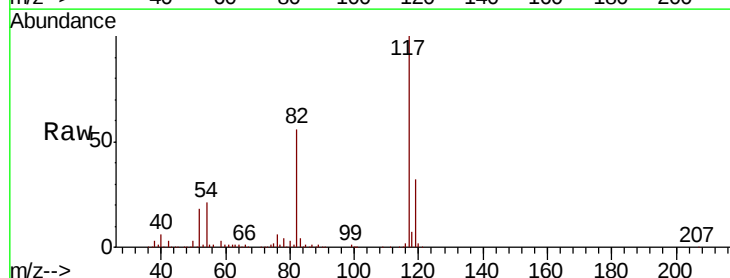
Tgt Ion: 117 Resp: 871655

Ion Ratio Lower Upper

117 100

82 56.3 44.2 66.2

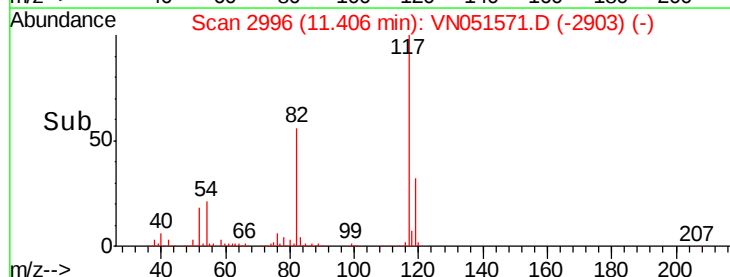
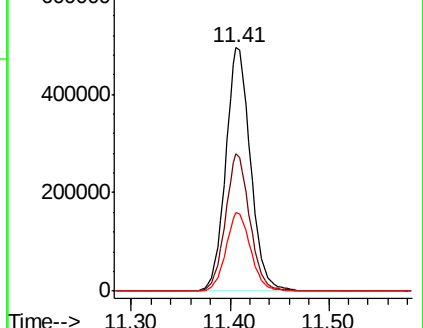
119 32.3 25.9 38.9

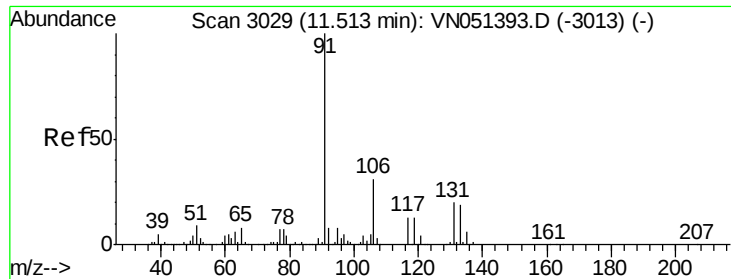


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

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

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

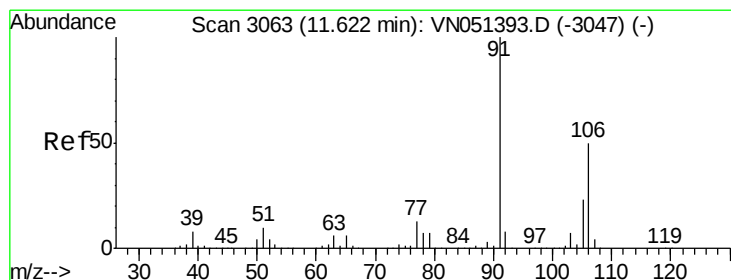
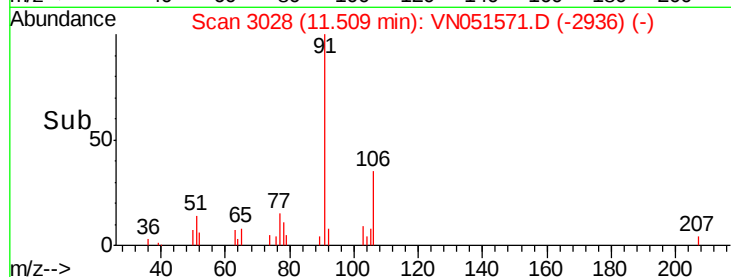
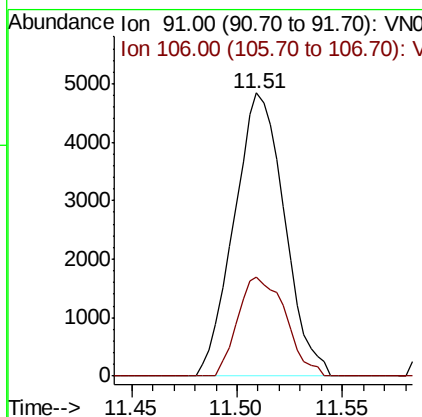
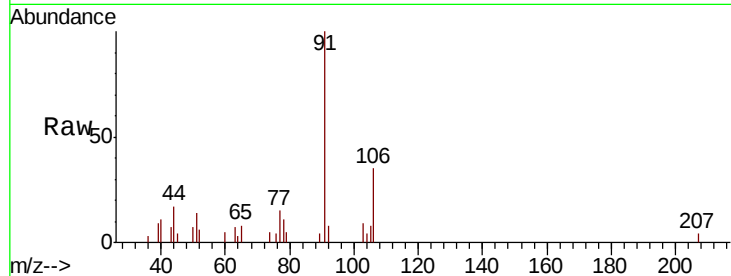




#67
Ethyl Benzene
Concen: 0.213 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051571.D
Acq: 27 Sep 2018 9:46

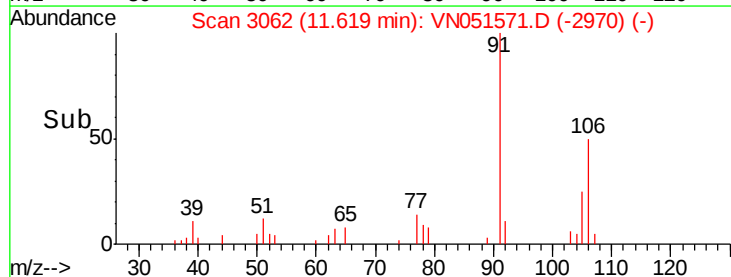
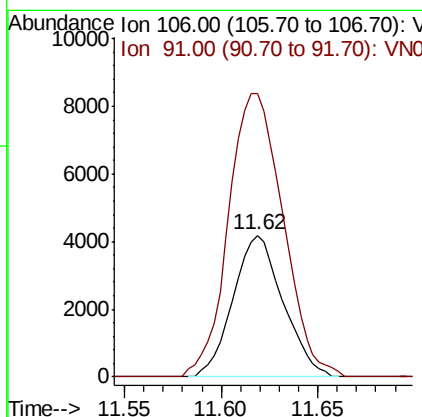
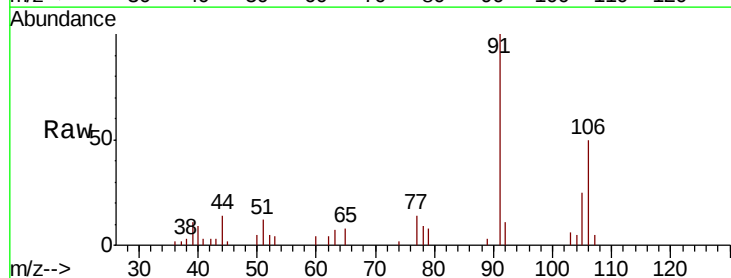
Instrument :
MSVOA_N
ClientSampled :
TP-1-D

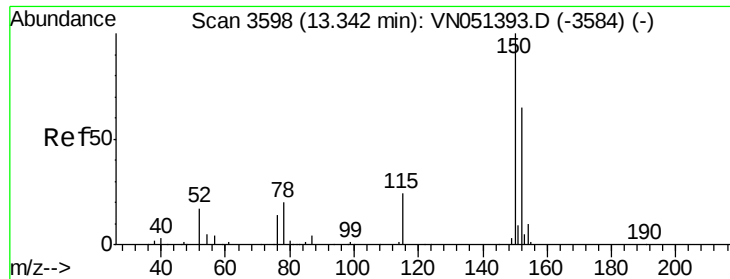
Tot Ion: 91 Resp: 8029
Ion Ratio Lower Upper
91 100
106 34.9 25.0 37.4



#68
m/p-Xylenes
Concen: 0.516 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051571.D
Acq: 27 Sep 2018 9:46

Tgt Ion: 106 Resp: 7516
Ion Ratio Lower Upper
106 100
91 218.6 161.3 241.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

TP-1-D

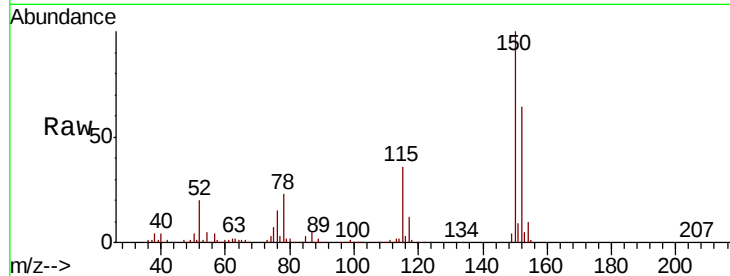
Tot Ion:152 Resp: 329162

Ion Ratio Lower Upper

152 100

115 57.1 28.3 84.9

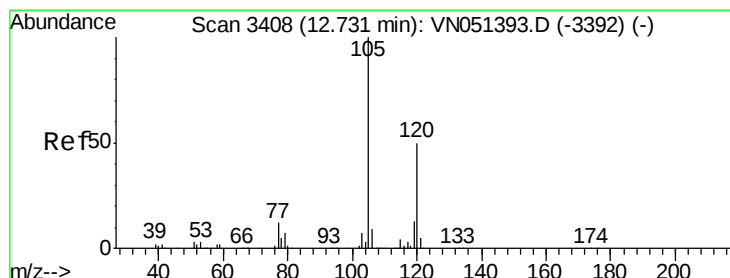
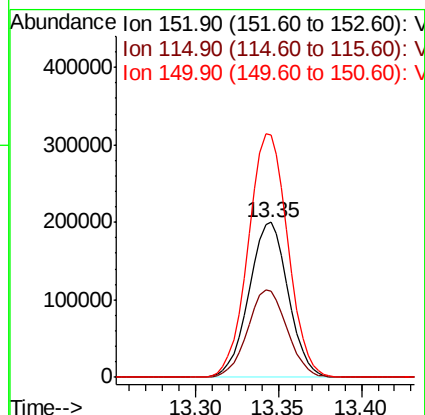
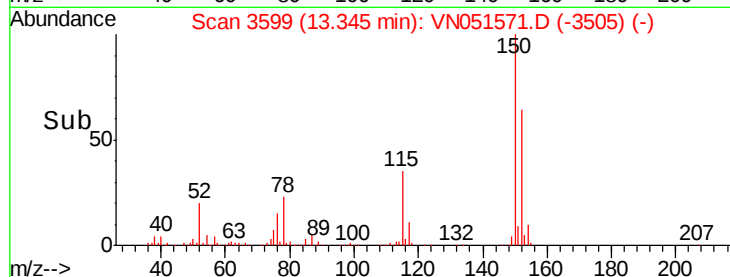
150 158.9 0.0 353.6



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



#80

1,3,5-Trimethylbenzene

Concen: 0.389 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051571.D

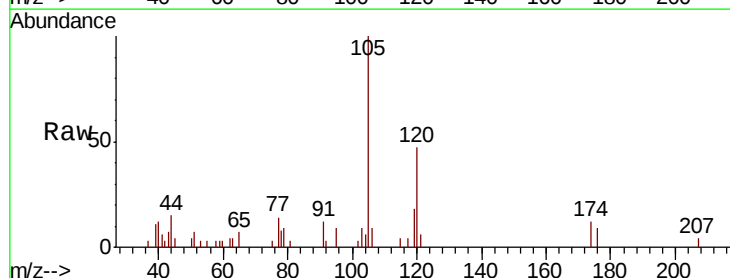
Acq: 27 Sep 2018 9:46

Tgt Ion:105 Resp: 8800

Ion Ratio Lower Upper

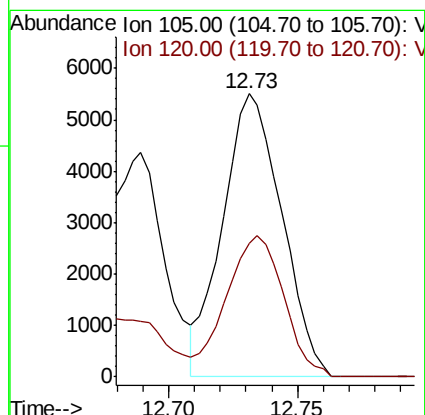
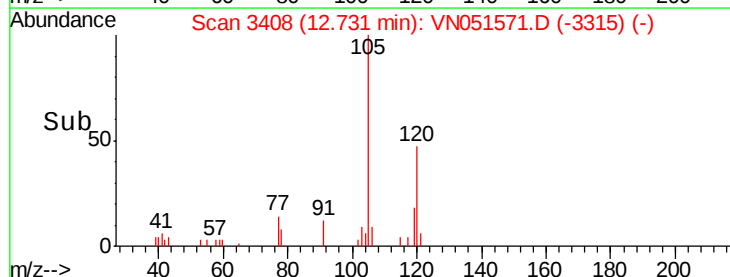
105 100

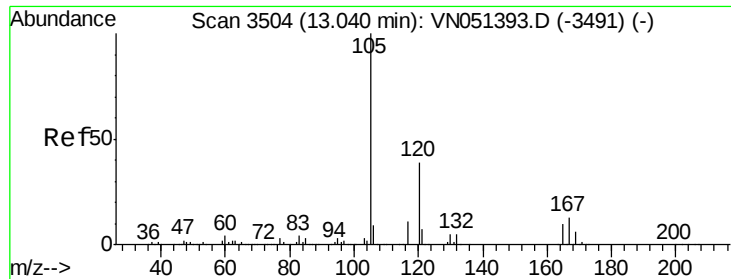
120 48.4 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 1.129 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

Instrument :

MSVOA_N

ClientSampleId :

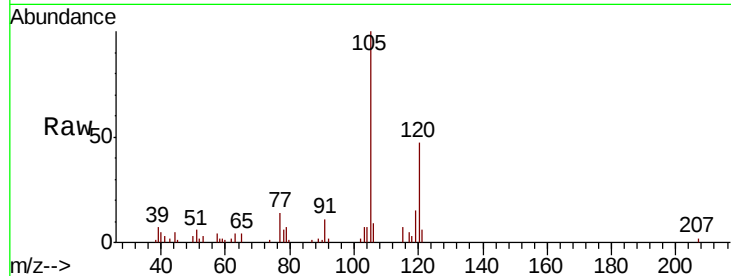
TP-1-D

Tot Ion:105 Resp: 25771

Ion Ratio Lower Upper

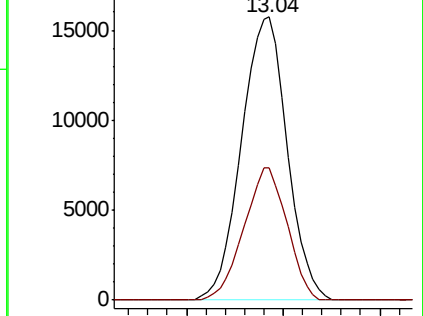
105 100

120 44.1 22.9 68.7

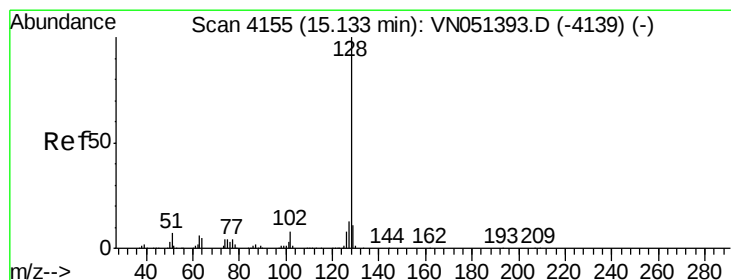
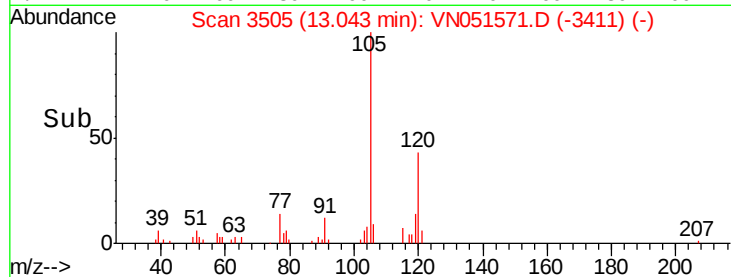


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#95

Naphthalene

Concen: 14.362 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051571.D

Acq: 27 Sep 2018 9:46

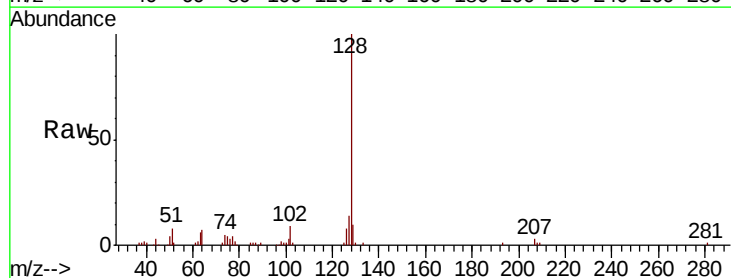
Tgt Ion:128 Resp: 92148

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

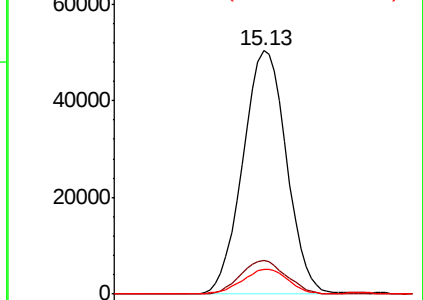
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->

