

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052779.D
 Acq On : 11 Dec 2018 4:04
 Operator : MD\SY
 Sample : J6197-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-120718

Quant Time: Dec 11 06:33:51 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	1200784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1840188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1653560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	702173	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	613991	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
35) Dibromofluoromethane	7.59	113	518093	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	
50) Toluene-d8	10.09	98	2262639	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.40	95	748961	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	

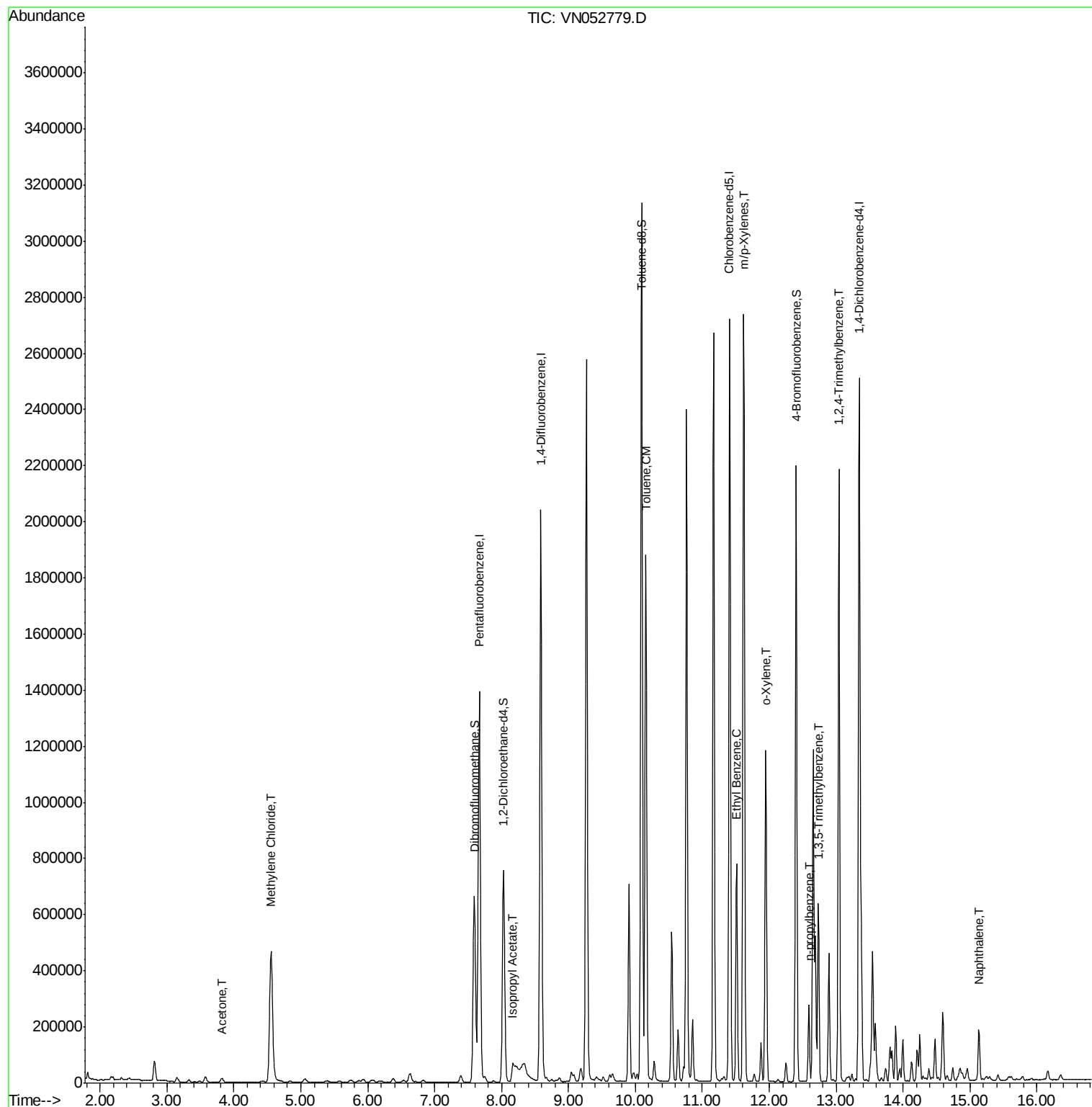
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	23400	6.786	ug/l	99
20) Methylene Chloride	4.55	84	349479	25.897	ug/l	99
43) Isopropyl Acetate	8.17	43	75727	4.219	ug/l #	74
52) Toluene	10.16	92	829039	26.944	ug/l	100
67) Ethyl Benzene	11.51	91	577380	9.670	ug/l	99
68) m/p-Xylenes	11.62	106	881694	39.666	ug/l	99
69) o-Xylene	11.95	106	333802	15.464	ug/l	98
78) n-propylbenzene	12.59	91	219668	3.510	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	342663	7.799	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1256949	28.546	ug/l	99
95) Naphthalene	15.13	128	161100	9.105	ug/l	99

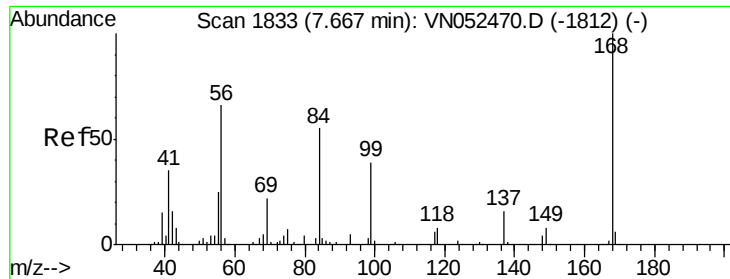
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121018\
Data File : VN052779.D
Acq On : 11 Dec 2018 4:04
Operator : MD\SY
Sample : J6197-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 43 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PL-02-120718

Quant Time: Dec 11 06:33:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
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: VN052779.D

Acq: 11 Dec 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

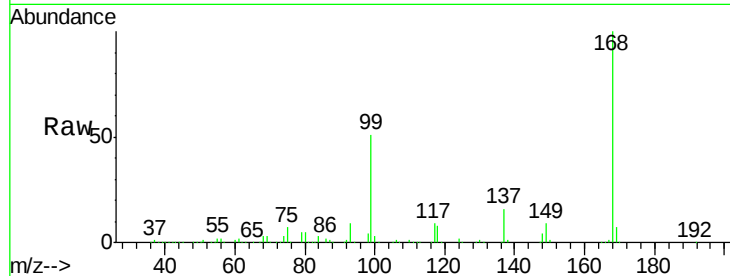
PL-02-120718

Tot Ion:168 Resp: 1200784

Ion Ratio Lower Upper

168 100

99 50.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052779.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052779.D (-1740) (-)

7.67

600000

500000

400000

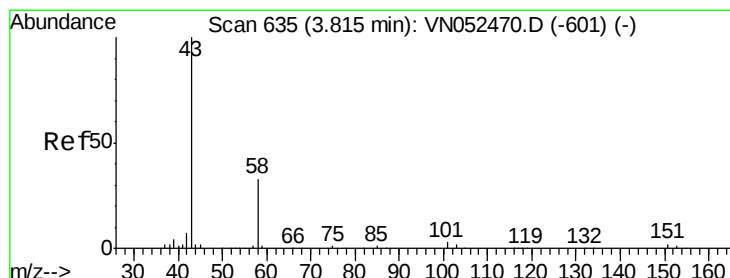
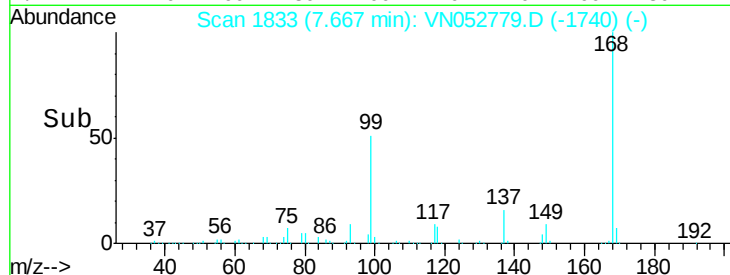
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.786 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052779.D

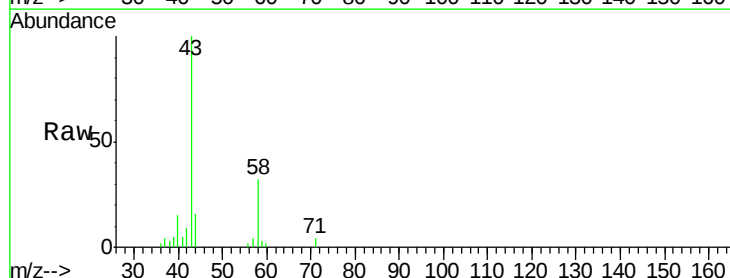
Acq: 11 Dec 2018 4:04

Tgt Ion: 43 Resp: 23400

Ion Ratio Lower Upper

43 100

58 33.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052779.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052779.D (-542) (-)

3.82

8000

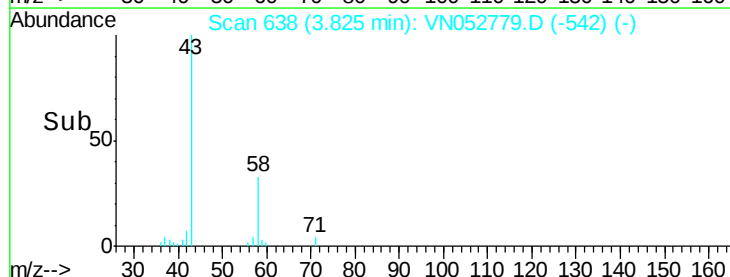
6000

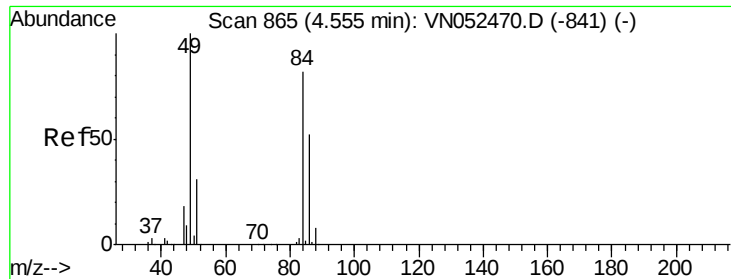
4000

2000

0

Time-->

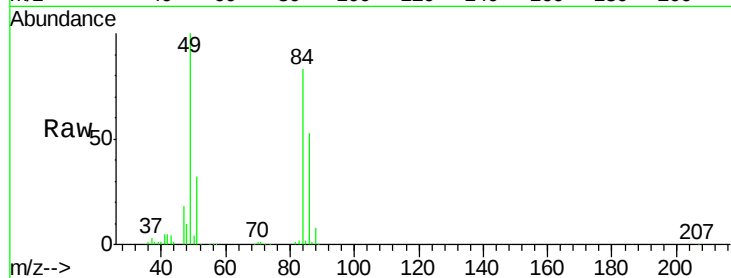




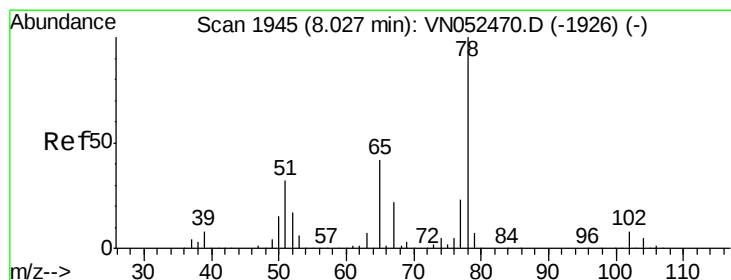
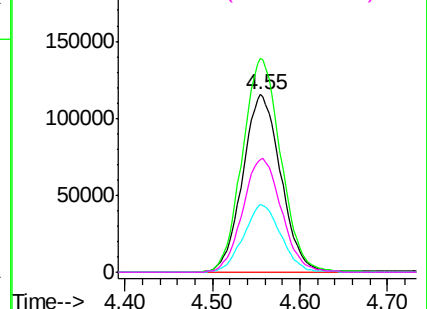
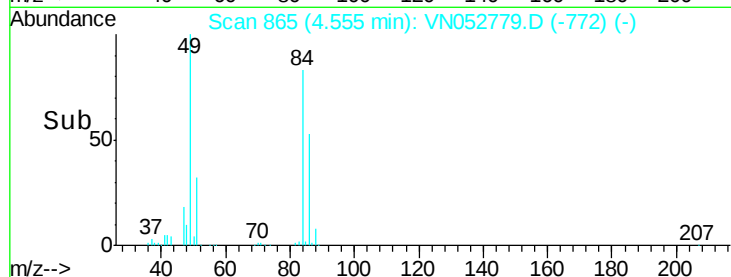
#20
Methvlene Chloride
Concen: 25.897 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052779.D
Acq: 11 Dec 2018 4:04

Instrument :
MSVOA_N
ClientSampleId :
PL-02-120718

Tot Ion: 84 Resp: 349479
Ion Ratio Lower Upper
84 100
49 120.4 98.0 147.0
51 38.3 30.1 45.1
86 63.6 50.7 76.1

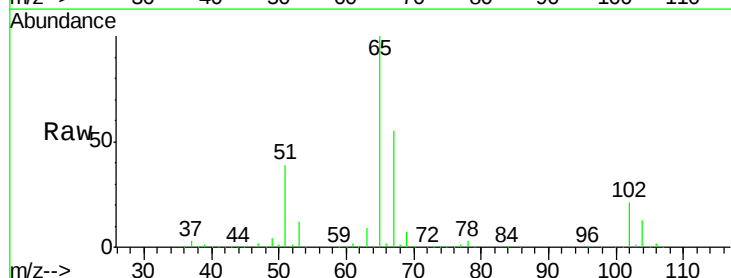


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

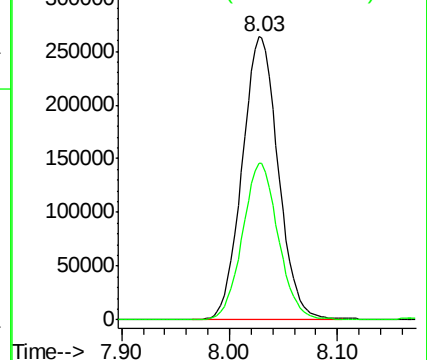
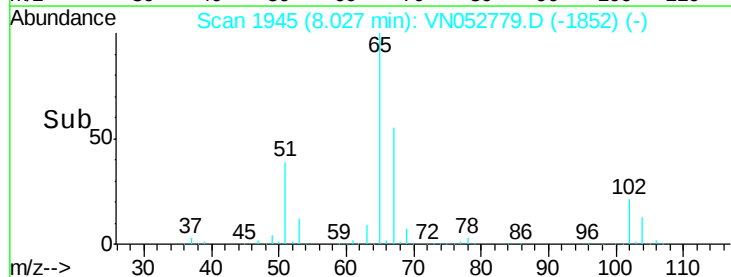


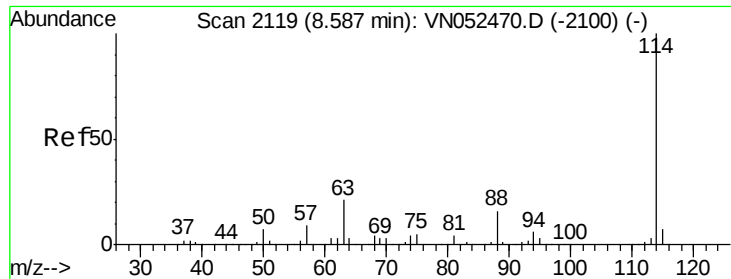
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052779.D
Acq: 11 Dec 2018 4:04

Tgt Ion: 65 Resp: 613991
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052779.D

Acq: 11 Dec 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

PL-02-120718

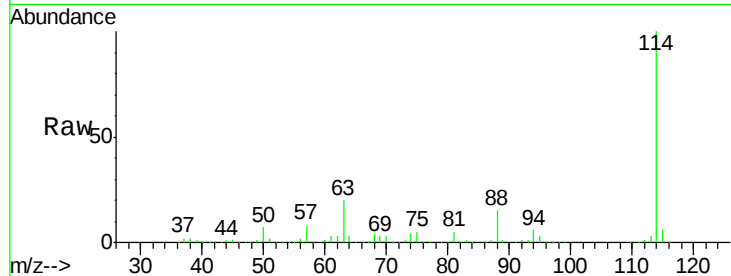
Tot Ion:114 Resp: 1840188

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

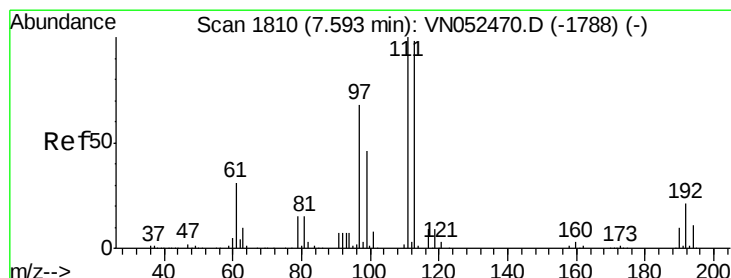
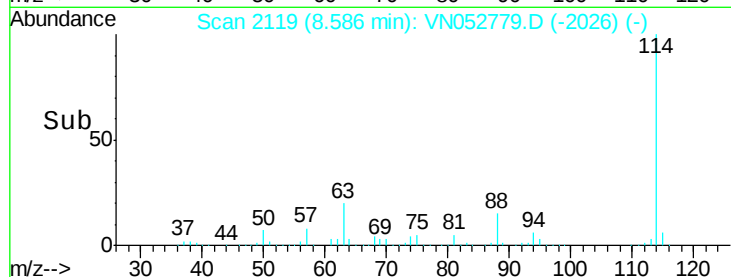
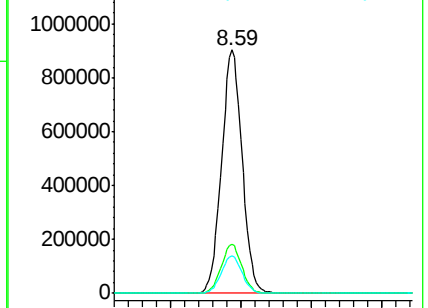
88 15.4 0.0 31.6



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052779.D

Acq: 11 Dec 2018 4:04

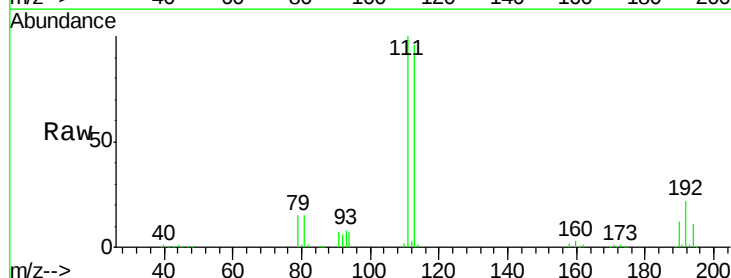
Tgt Ion:113 Resp: 518093

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

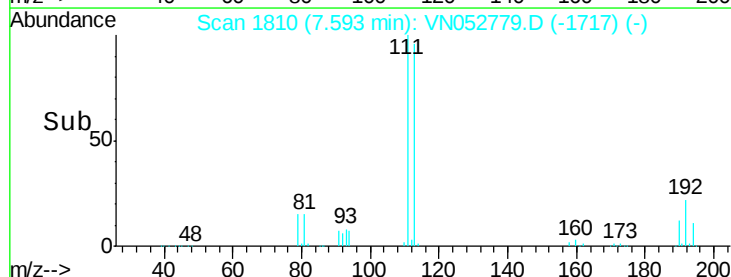
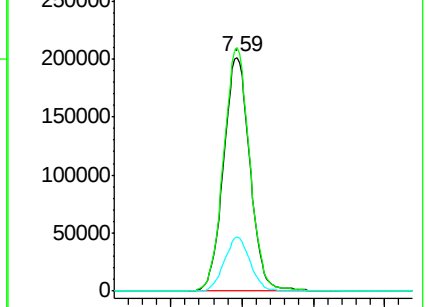
192 22.4 17.0 25.6

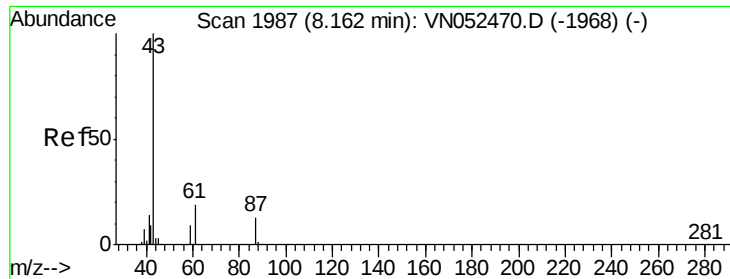


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.219 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052779.D

Acq: 11 Dec 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

PL-02-120718

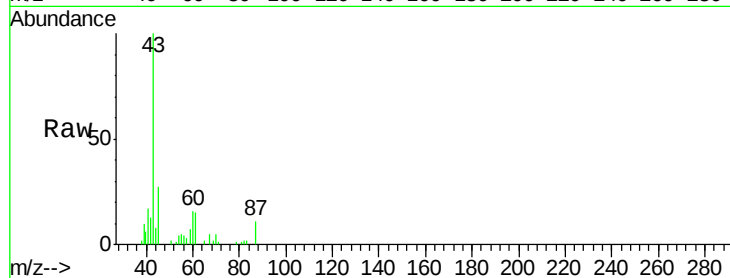
Tot Ion: 43 Resp: 75727

Ion Ratio Lower Upper

43 100

61 13.0 24.1 36.1#

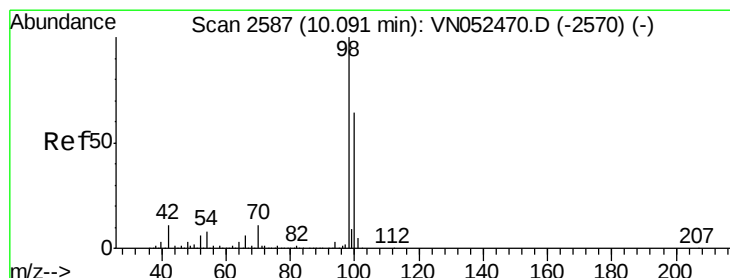
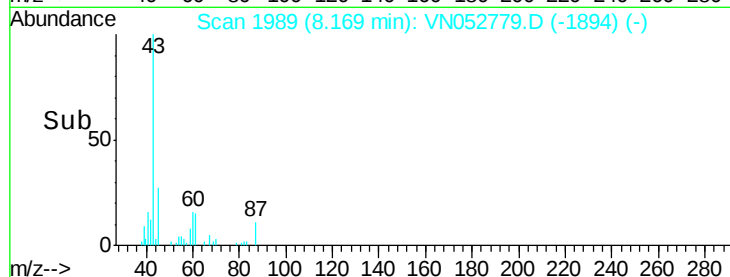
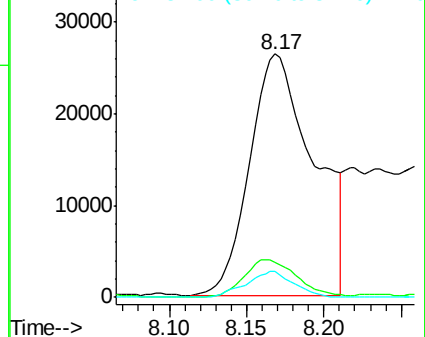
87 7.9 10.6 15.8#



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052779.D

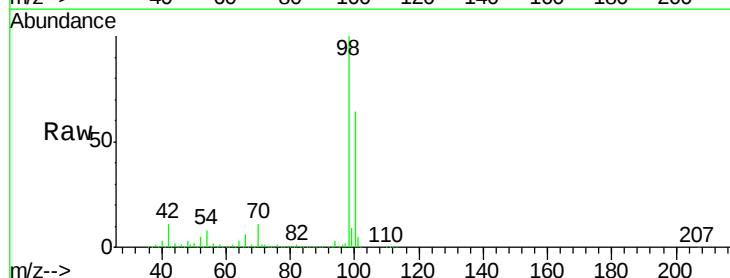
Acq: 11 Dec 2018 4:04

Tgt Ion: 98 Resp: 2262639

Ion Ratio Lower Upper

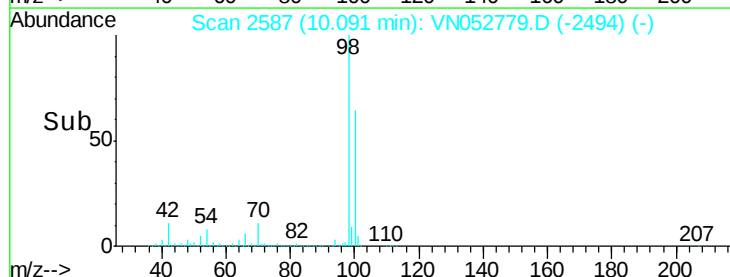
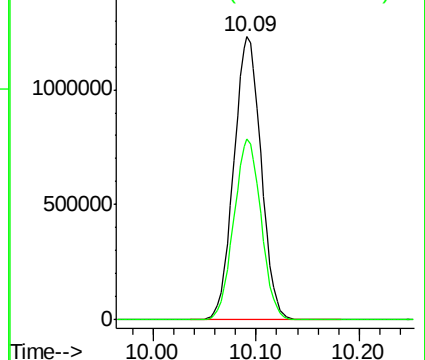
98 100

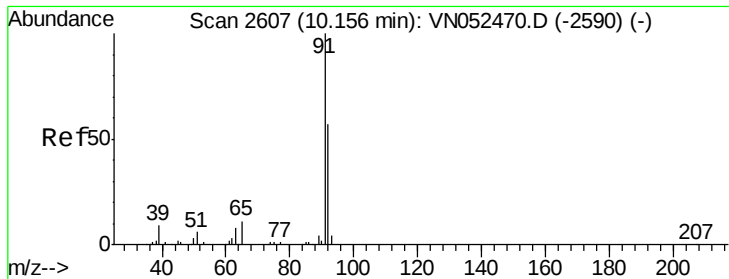
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 26.944 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052779.D

Acq: 11 Dec 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

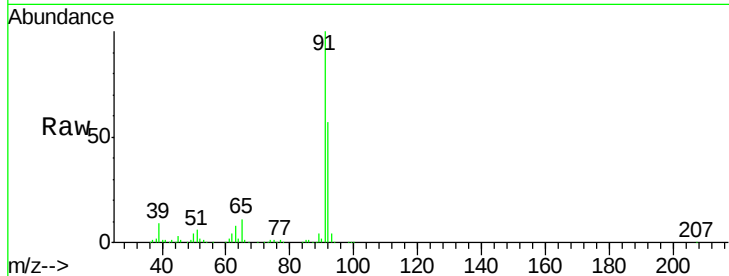
PL-02-120718

Tot Ion: 92 Resp: 829039

Ion Ratio Lower Upper

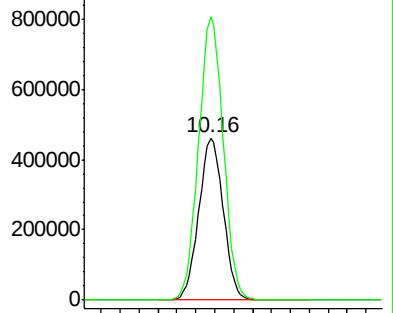
92 100

91 176.4 141.0 211.4

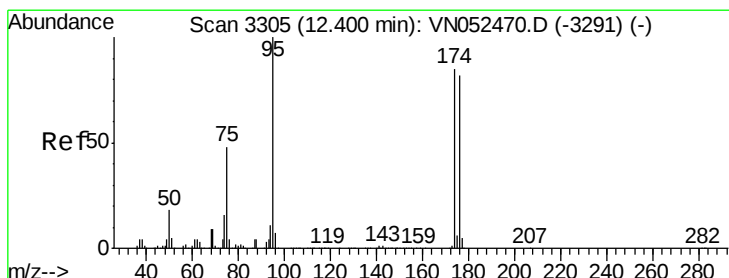
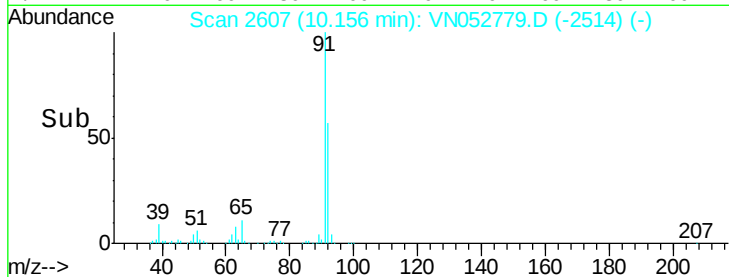


Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052779.D

Acq: 11 Dec 2018 4:04

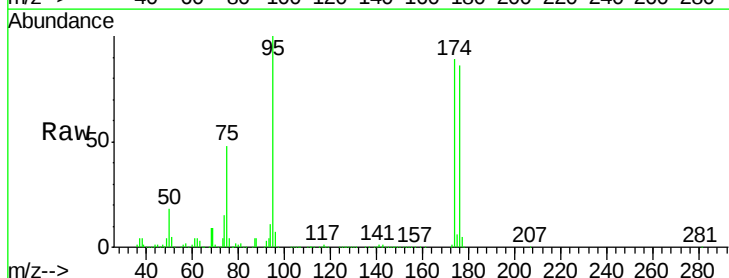
Tgt Ion: 95 Resp: 748961

Ion Ratio Lower Upper

95 100

174 88.4 0.0 173.0

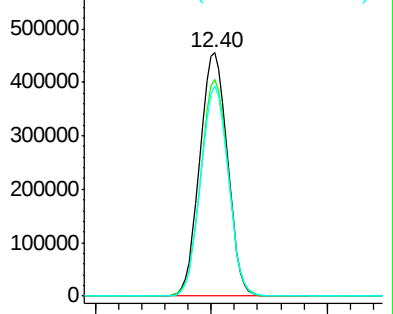
176 86.0 0.0 166.2



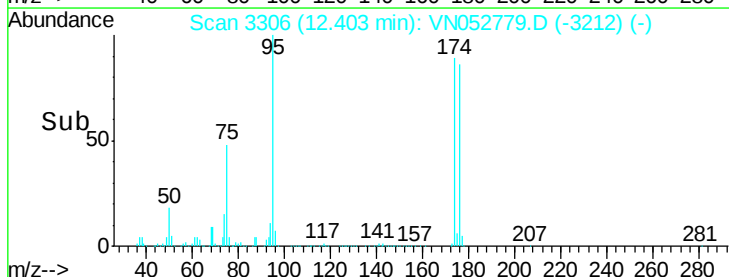
Abundance Ion 94.90 (94.60 to 95.60): VN0

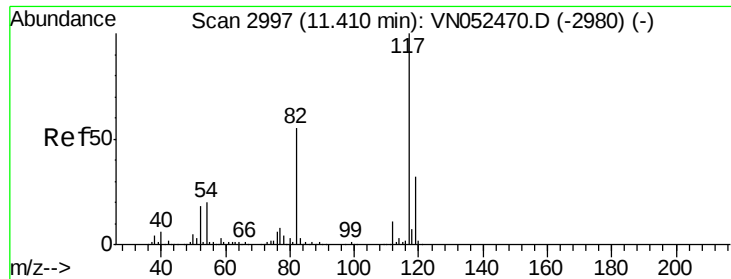
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

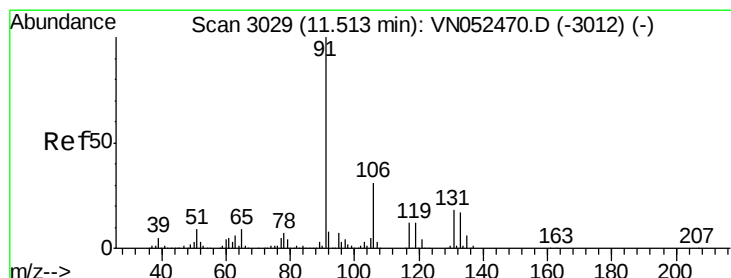
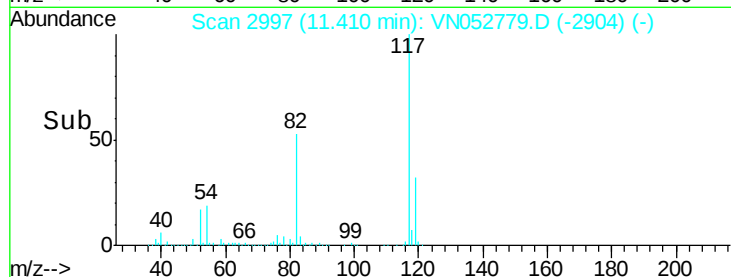
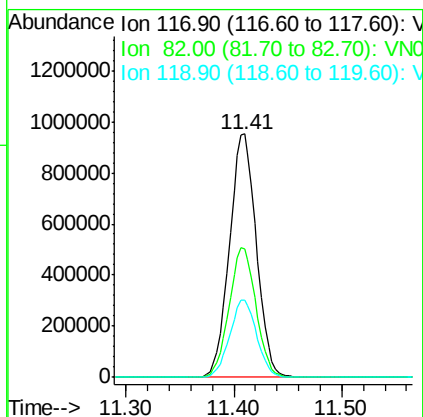
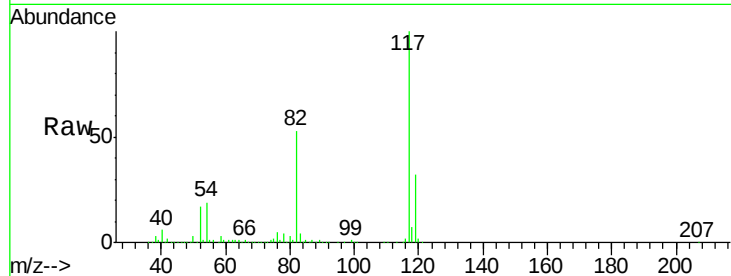




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052779.D
Acq: 11 Dec 2018 4:04

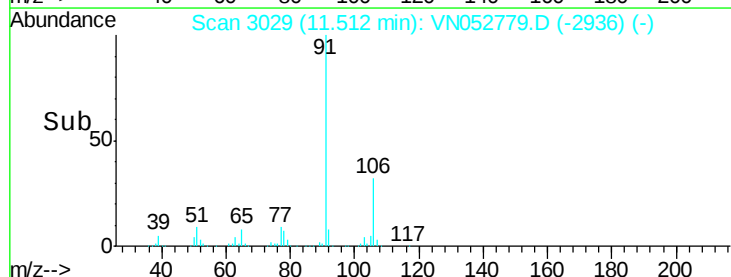
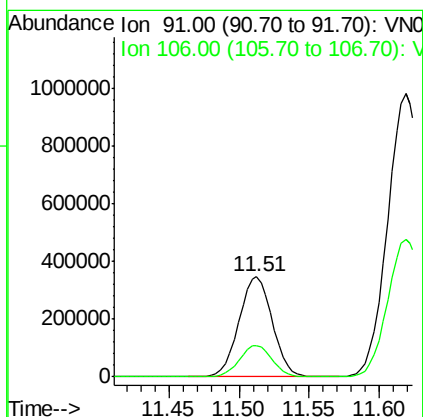
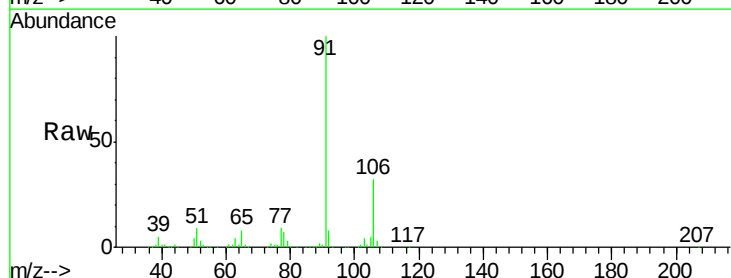
Instrument :
MSVOA_N
ClientSampleId :
PL-02-120718

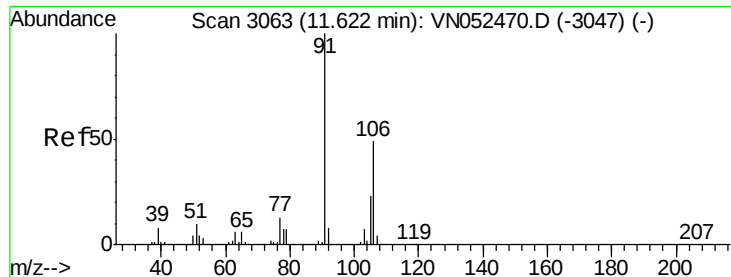
Tot Ion:117 Resp: 1653560
Ion Ratio Lower Upper
117 100
82 53.0 43.6 65.4
119 31.8 25.4 38.2



#67
Ethyl Benzene
Concen: 9.670 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052779.D
Acq: 11 Dec 2018 4:04

Tgt Ion: 91 Resp: 577380
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

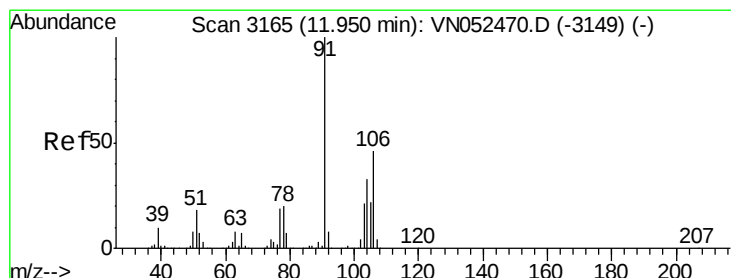
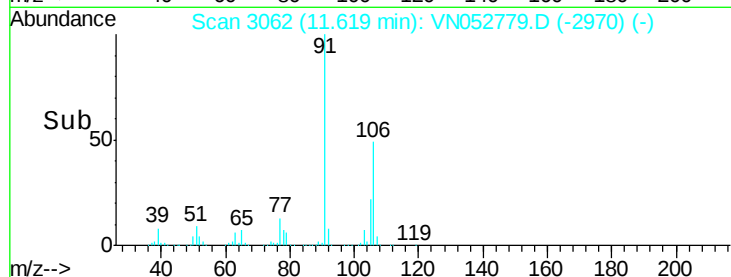
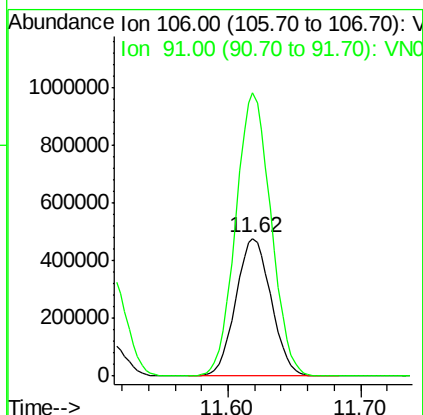
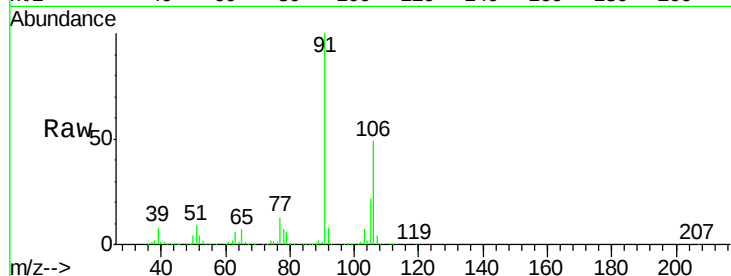




#68
m/p-Xylenes
Concen: 39.666 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052779.D
Acq: 11 Dec 2018 4:04

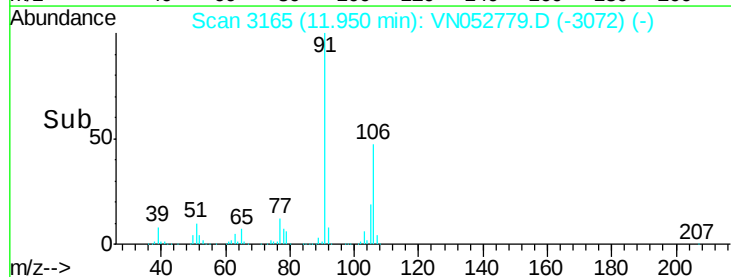
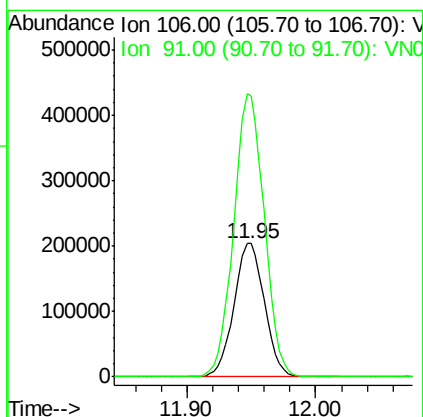
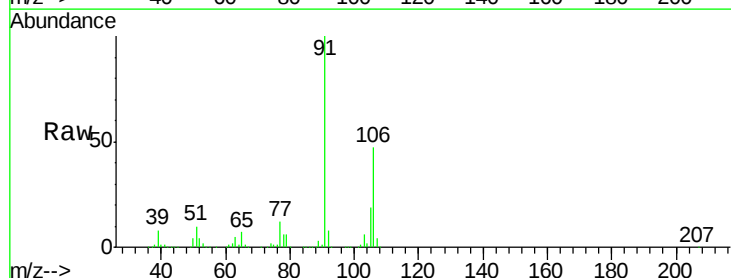
Instrument :
MSVOA_N
ClientSampleId :
PL-02-120718

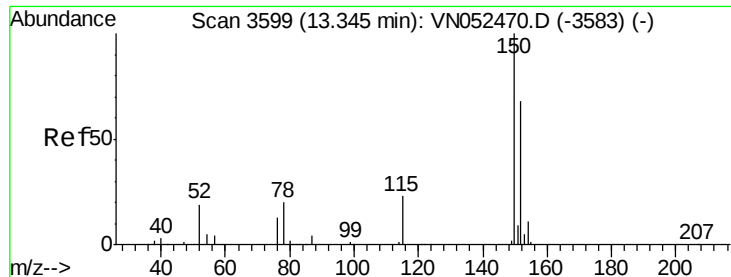
Tot Ion:106 Resp: 881694
Ion Ratio Lower Upper
106 100
91 205.0 163.2 244.8



#69
o-Xylene
Concen: 15.464 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052779.D
Acq: 11 Dec 2018 4:04

Tgt Ion:106 Resp: 333802
Ion Ratio Lower Upper
106 100
91 213.0 107.7 323.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052779.D

Acq: 11 Dec 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

PL-02-120718

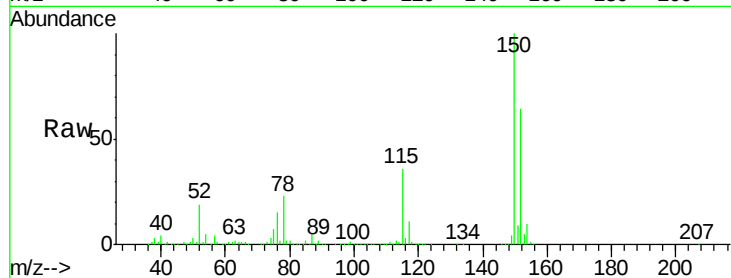
Tot Ion:152 Resp: 702173

Ion Ratio Lower Upper

152 100

115 58.4 28.4 85.2

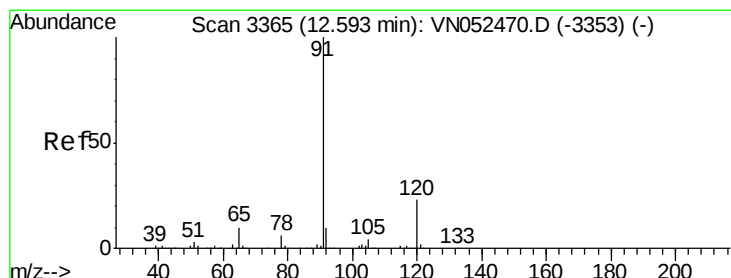
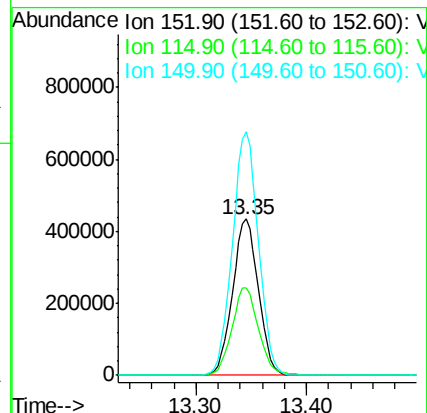
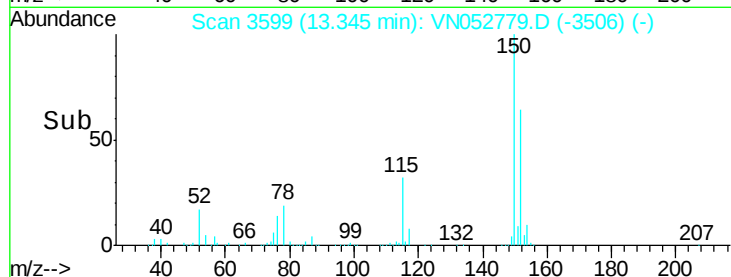
150 156.7 0.0 346.0



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



#78

n-propylbenzene

Concen: 3.510 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052779.D

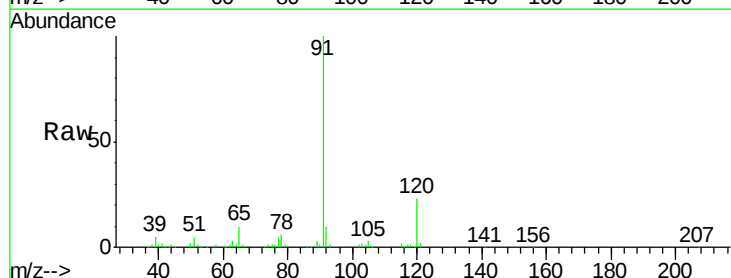
Acq: 11 Dec 2018 4:04

Tgt Ion: 91 Resp: 219668

Ion Ratio Lower Upper

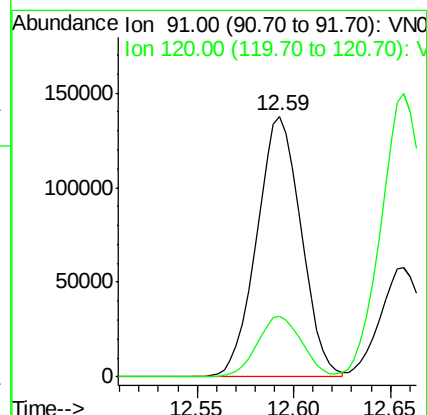
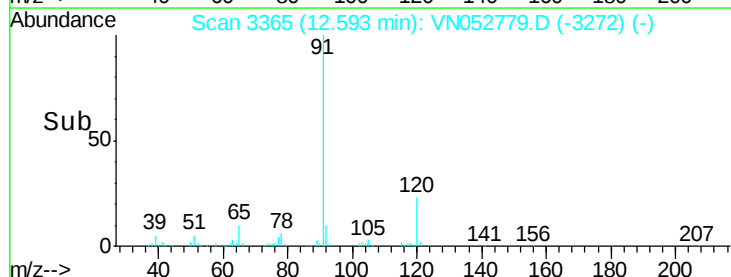
91 100

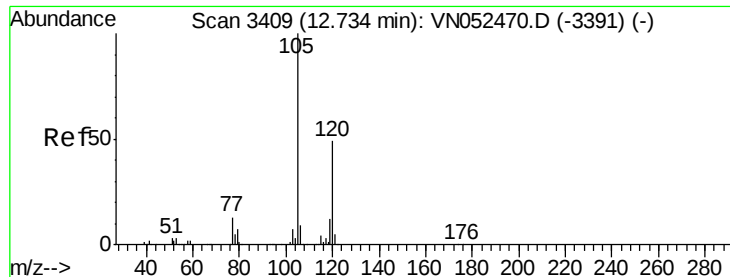
120 23.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 7.799 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052779.D

Acq: 11 Dec 2018 4:04

Instrument :

MSVOA_N

ClientSampled :

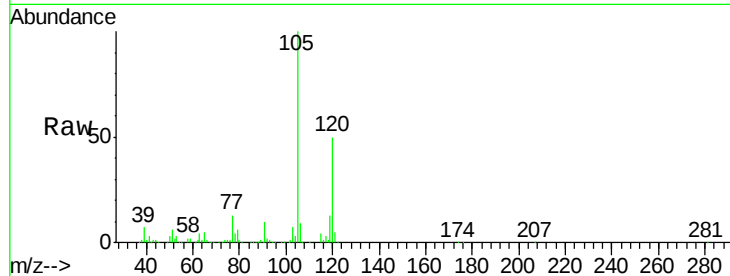
PL-02-120718

Tot Ion:105 Resp: 342663

Ion Ratio Lower Upper

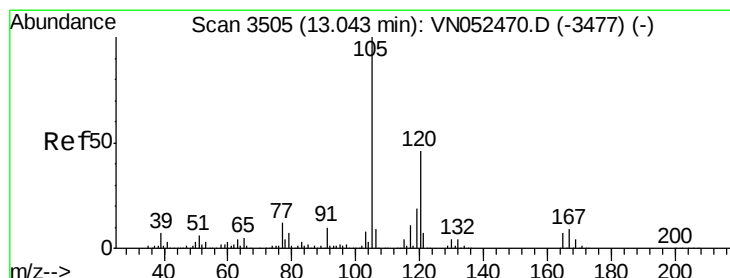
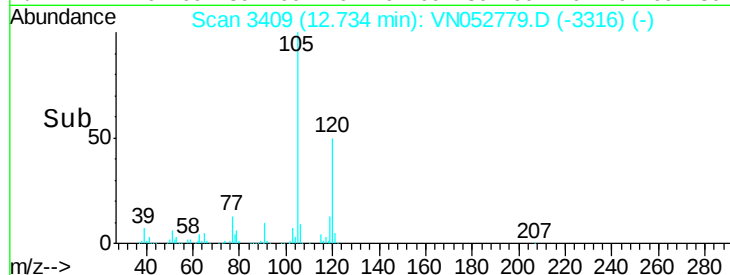
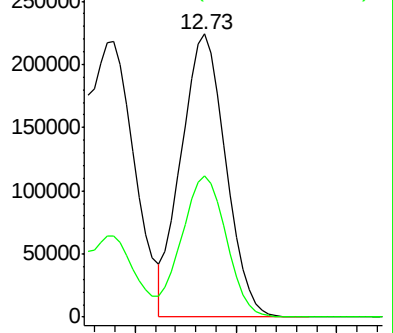
105 100

120 49.9 24.3 73.0



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: 28.546 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052779.D

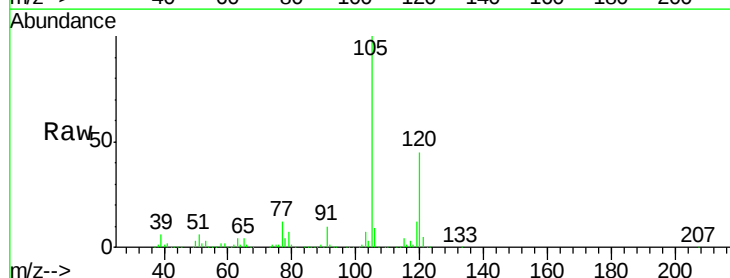
Acq: 11 Dec 2018 4:04

Tgt Ion:105 Resp: 1256949

Ion Ratio Lower Upper

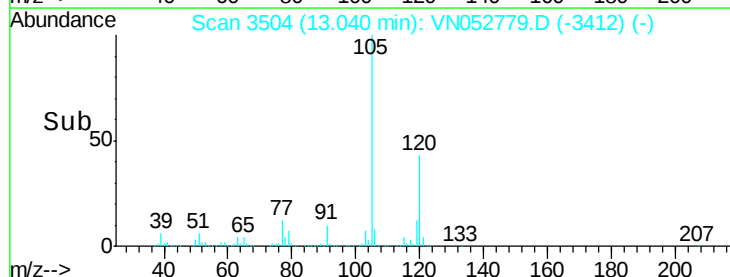
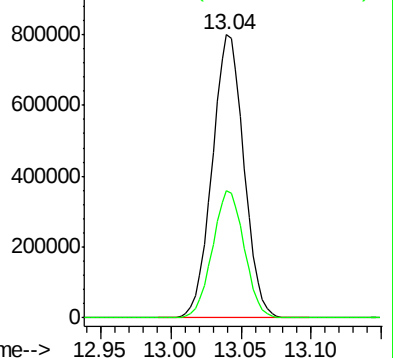
105 100

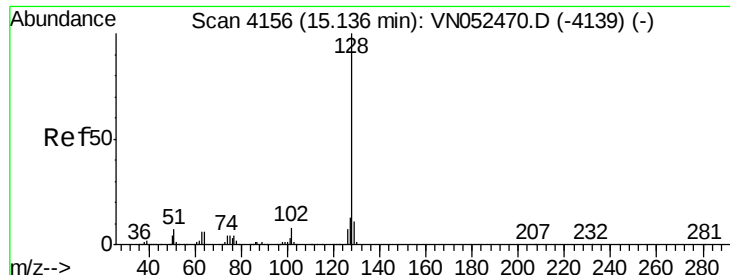
120 45.2 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 9.105 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052779.D

Acq: 11 Dec 2018 4:04

Instrument :

MSVOA_N

ClientSampleId :

PL-02-120718

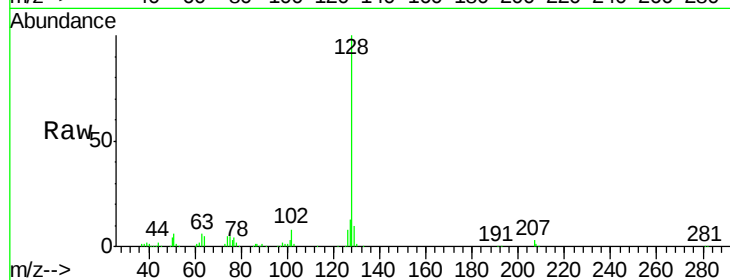
Tot Ion:128 Resp: 161100

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.1 8.7 13.1



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

