

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052615.D
 Acq On : 30 Nov 2018 18:54
 Operator : MD\SY
 Sample : J5761-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-112918

Quant Time: Dec 01 02:34:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

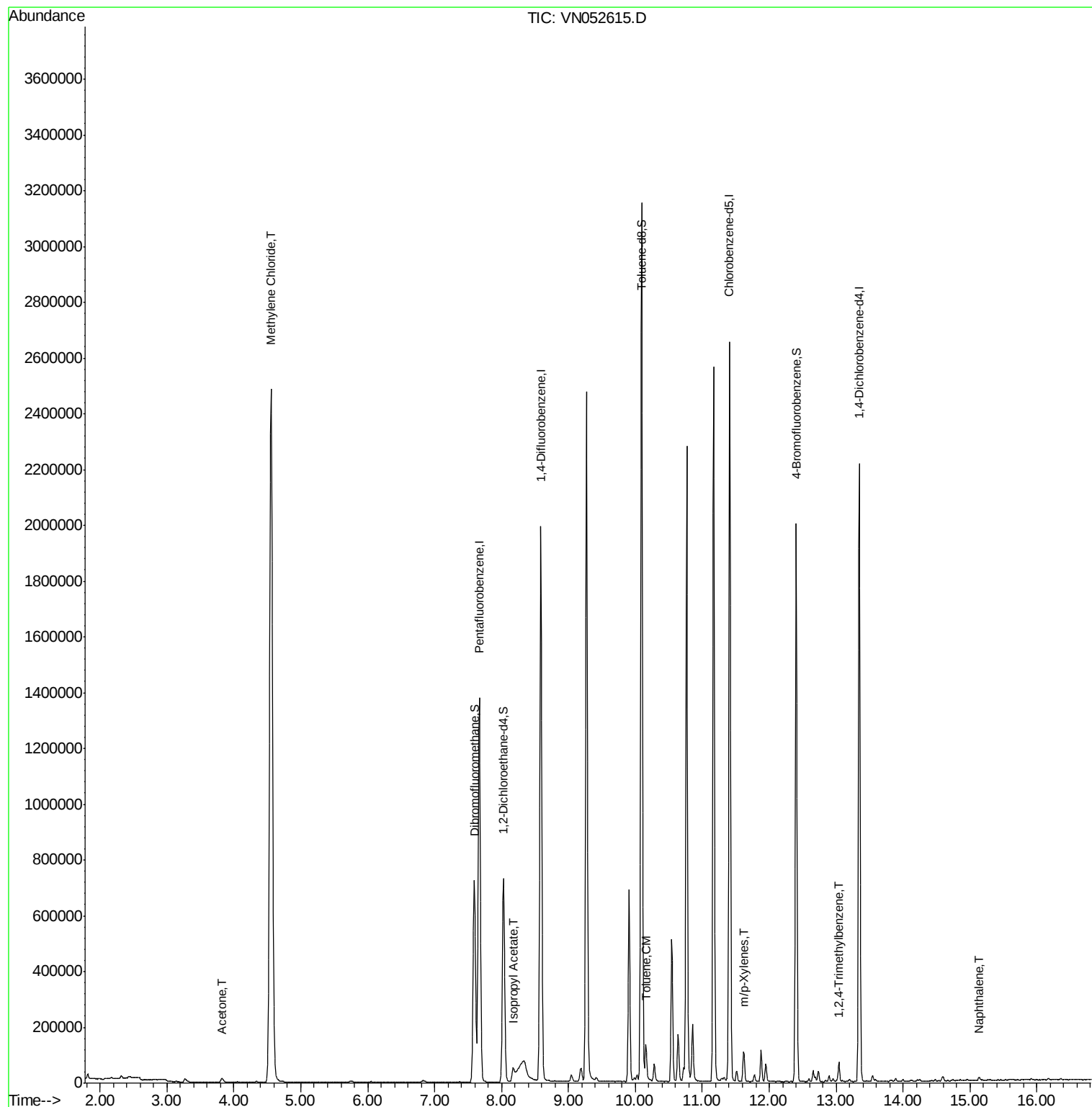
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1185791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1832172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1619779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	618012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	623296	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
35) Dibromofluoromethane	7.59	113	562847	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
50) Toluene-d8	10.09	98	2239610	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	706724	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
Target Compounds						
16) Acetone	3.82	43	24801	7.283	ug/l	96
20) Methylene Chloride	4.55	84	1914292	143.647	ug/l	99
43) Isopropyl Acetate	8.17	43	68189	3.816	ug/l #	75
52) Toluene	10.16	92	56690	1.850	ug/l	99
68) m/p-Xylenes	11.62	106	35377	1.625	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	40564	1.047	ug/l	97
95) Naphthalene	15.14	128	9458	3.807	ug/l	96

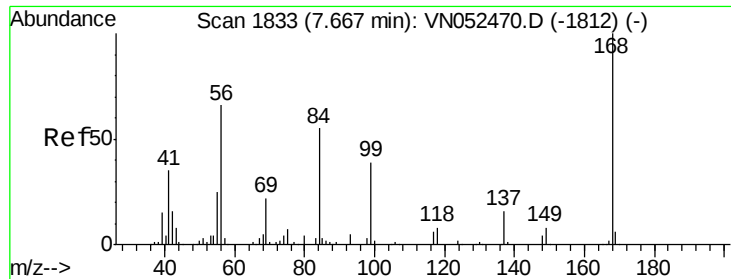
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
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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: VN052615.D

Acq: 30 Nov 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

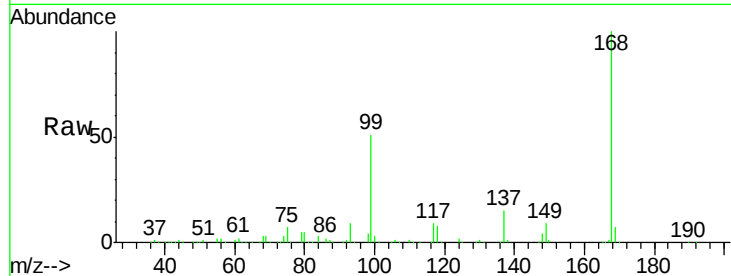
AU-06-112918

Tgt Ion:168 Resp: 1185791

Ion Ratio Lower Upper

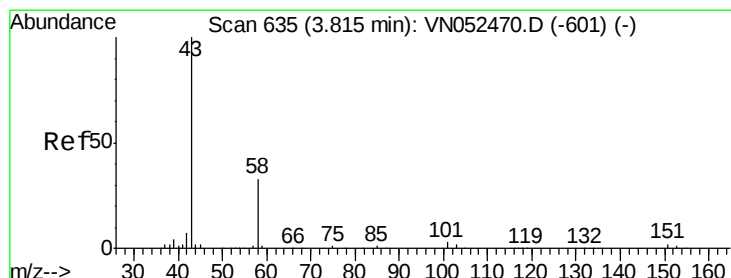
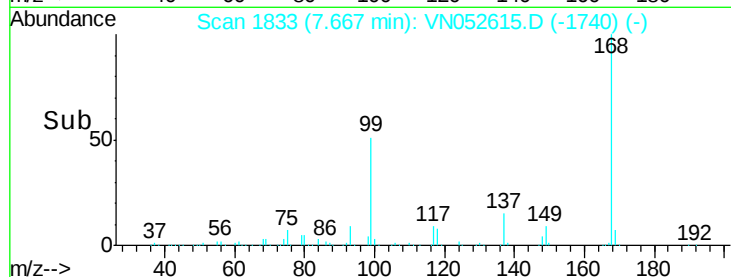
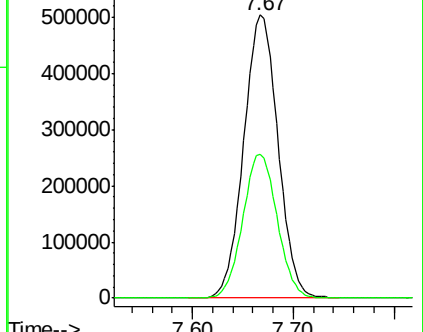
168 100

99 51.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052615.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052615.D (-1740) (-)



#16

Acetone

Concen: 7.283 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052615.D

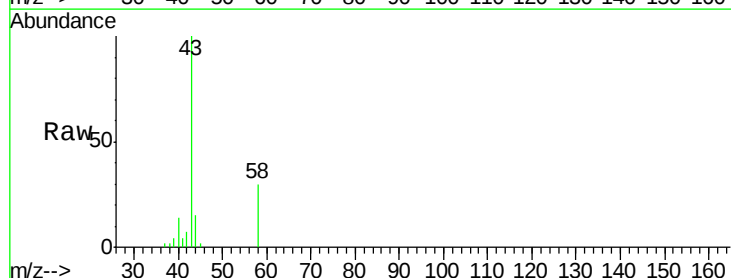
Acq: 30 Nov 2018 18:54

Tgt Ion: 43 Resp: 24801

Ion Ratio Lower Upper

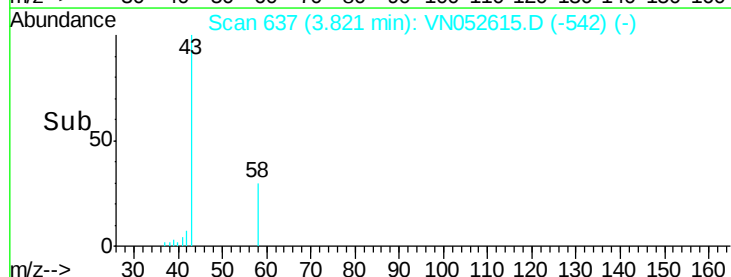
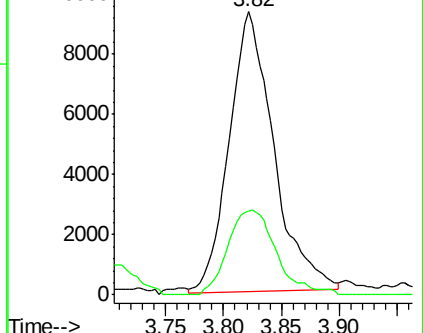
43 100

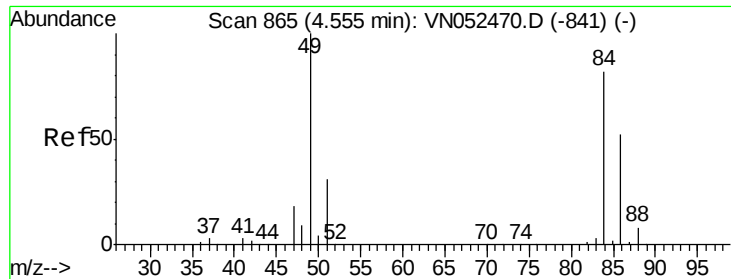
58 30.2 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052615.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052615.D (-542) (-)



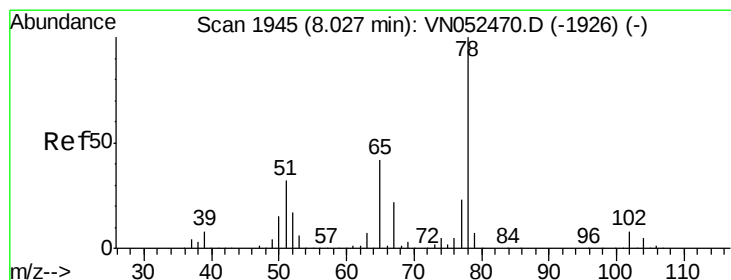
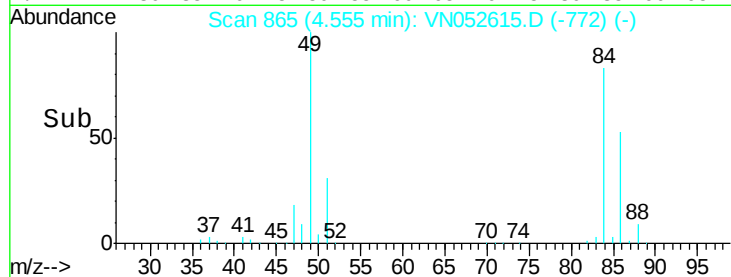
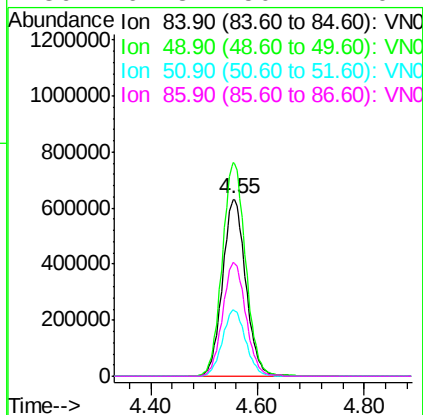
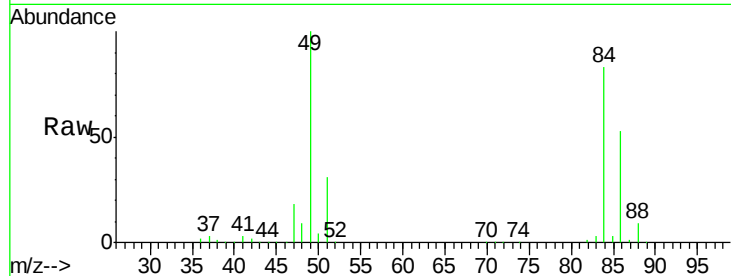


#20
Methylene Chloride
Concen: 143.647 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052615.D
Acq: 30 Nov 2018 18:54

Instrument :
MSVOA_N
ClientSampled :
AU-06-112918

Tgt Ion: 84 Resp: 1914292

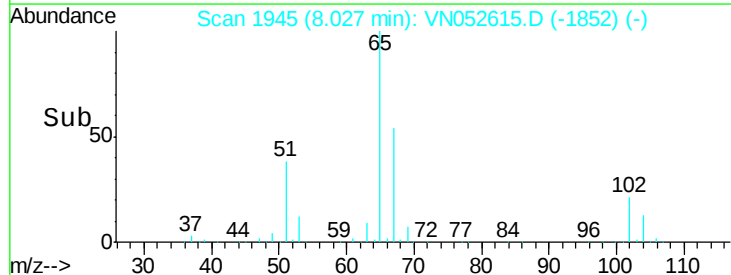
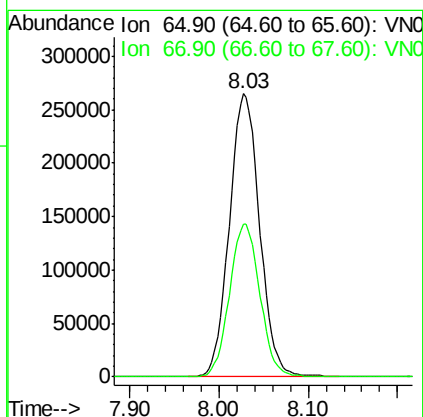
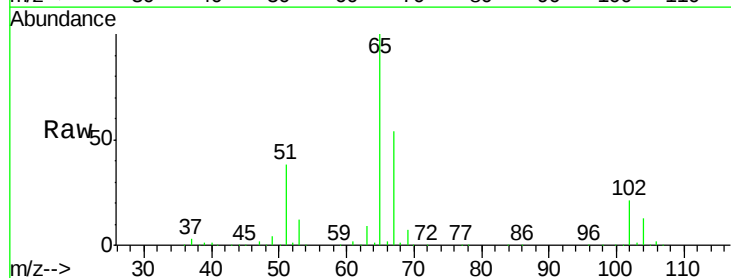
Ion	Ratio	Lower	Upper
84	100		
49	120.8	98.0	147.0
51	37.5	30.1	45.1
86	64.3	50.7	76.1

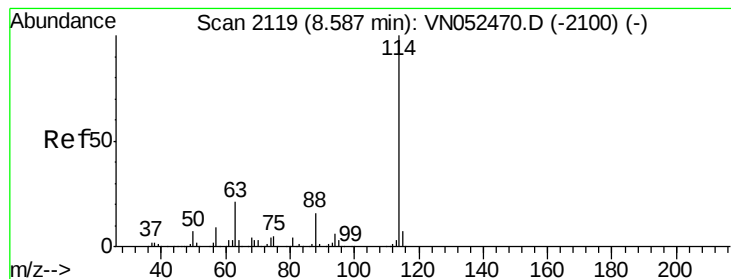


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052615.D
Acq: 30 Nov 2018 18:54

Tgt Ion: 65 Resp: 623296

Ion	Ratio	Lower	Upper
65	100		
67	54.1	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: VN052615.D

Acq: 30 Nov 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

AU-06-112918

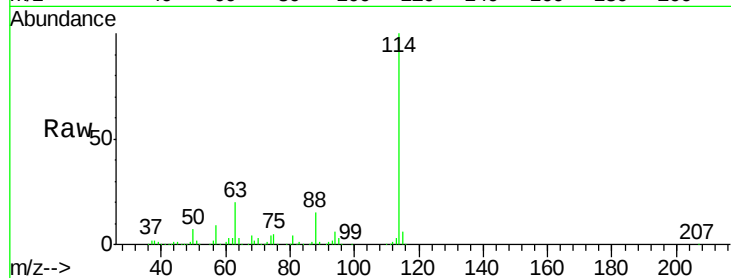
Tgt Ion:114 Resp: 1832172

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.8

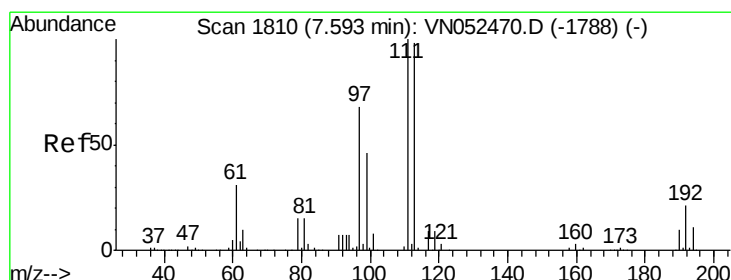
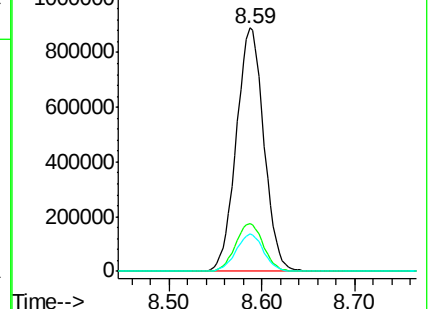
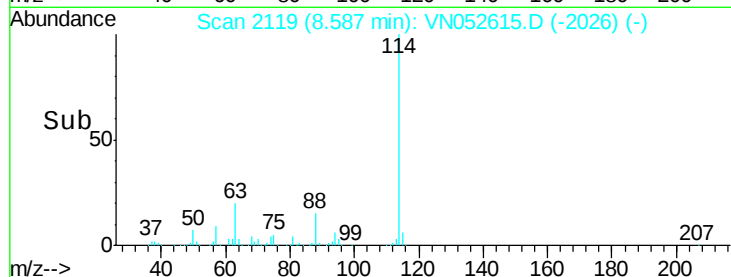
88 15.3 0.0 31.6



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: VN052615.D

Acq: 30 Nov 2018 18:54

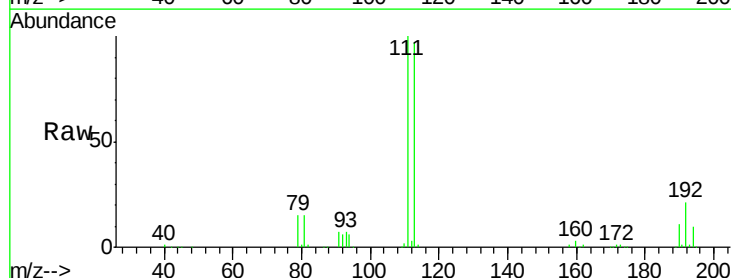
Tgt Ion:113 Resp: 562847

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

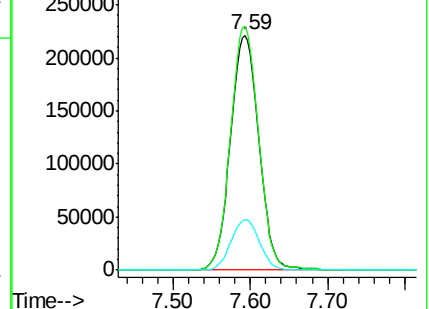
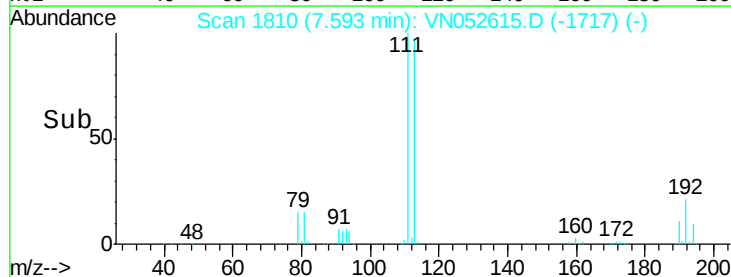
192 21.6 17.0 25.6

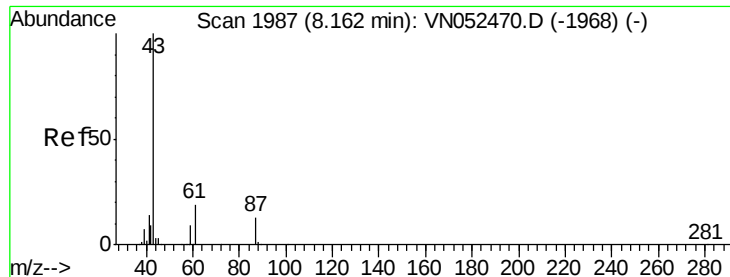


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.816 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN052615.D

Acq: 30 Nov 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

AU-06-112918

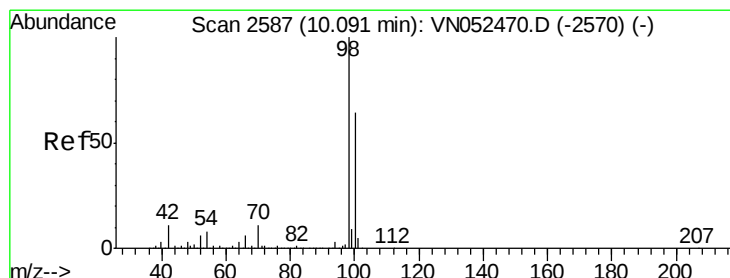
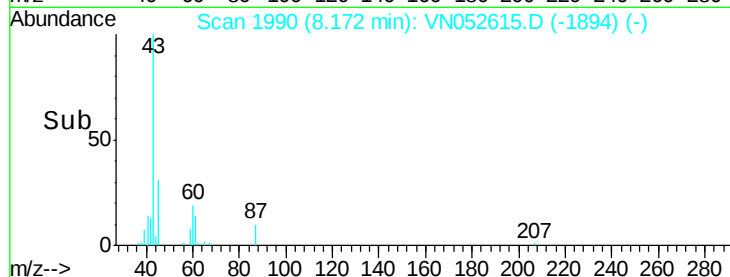
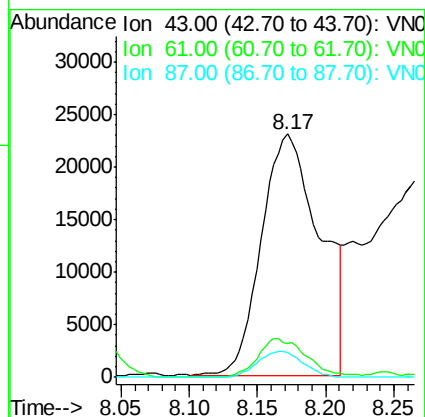
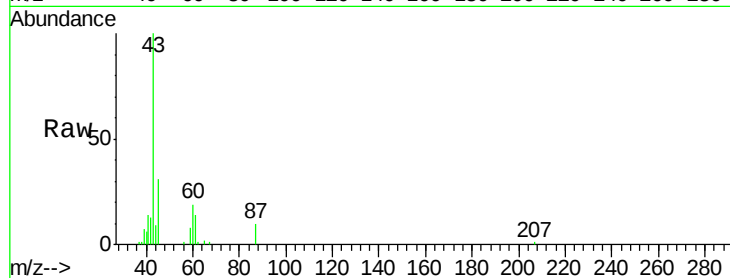
Tgt Ion: 43 Resp: 68189

Ion Ratio Lower Upper

43 100

61 13.6 24.1 36.1#

87 8.3 10.6 15.8#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052615.D

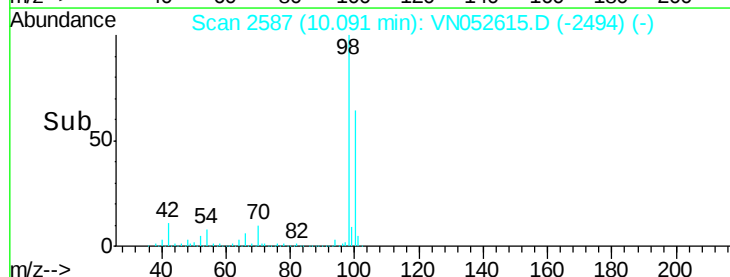
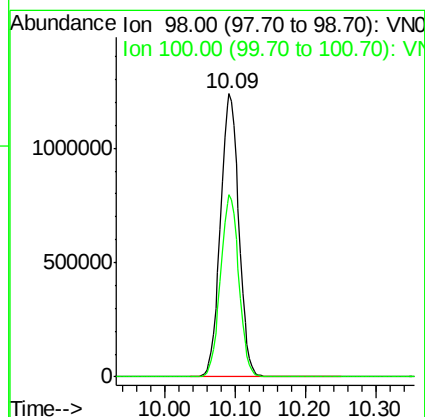
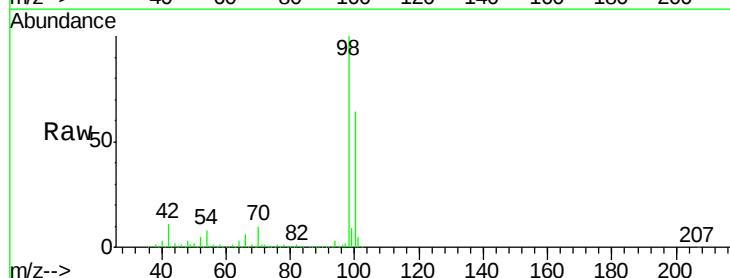
Acq: 30 Nov 2018 18:54

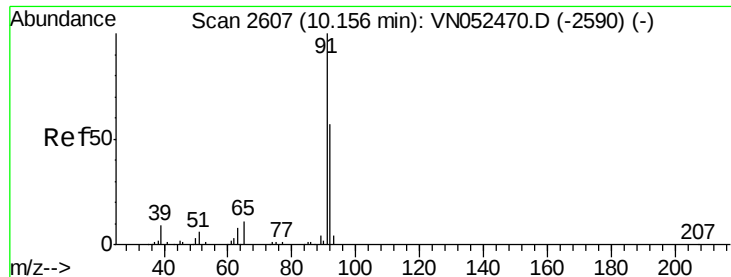
Tgt Ion: 98 Resp: 2239610

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9





#52

Toluene

Concen: 1.850 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052615.D

Acq: 30 Nov 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

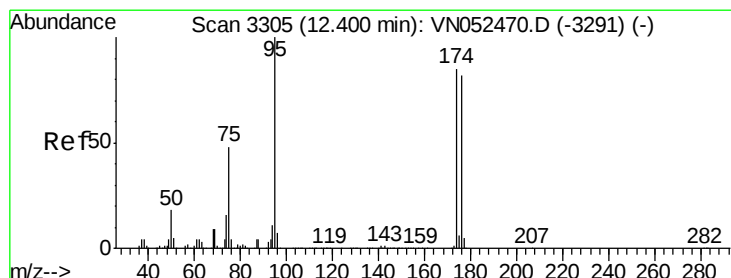
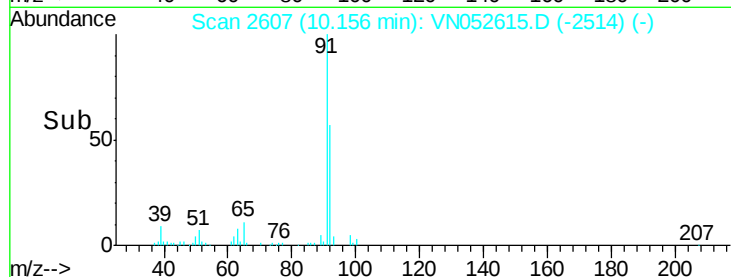
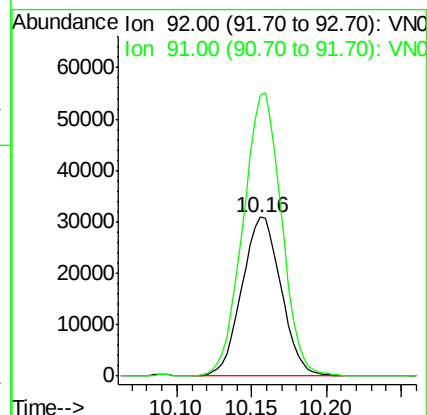
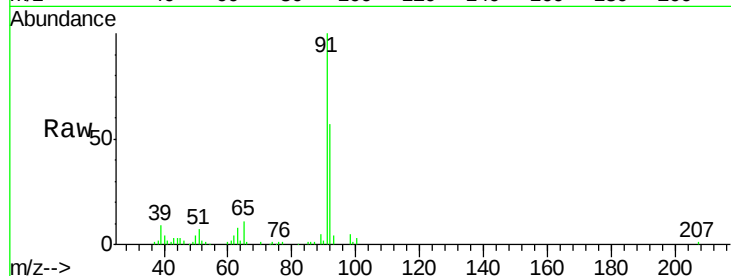
AU-06-112918

Tgt Ion: 92 Resp: 56690

Ion Ratio Lower Upper

92 100

91 174.4 141.0 211.4



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052615.D

Acq: 30 Nov 2018 18:54

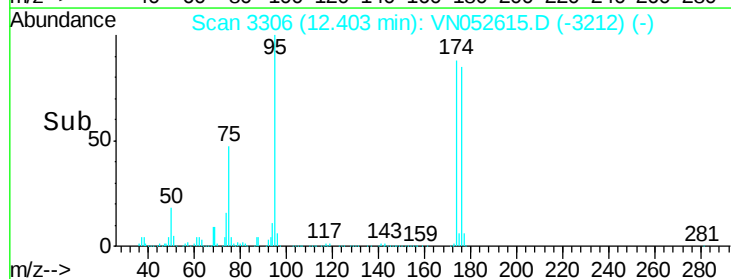
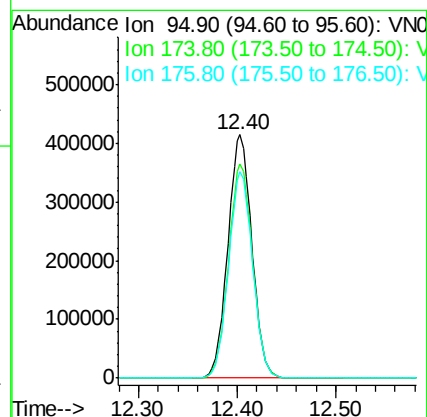
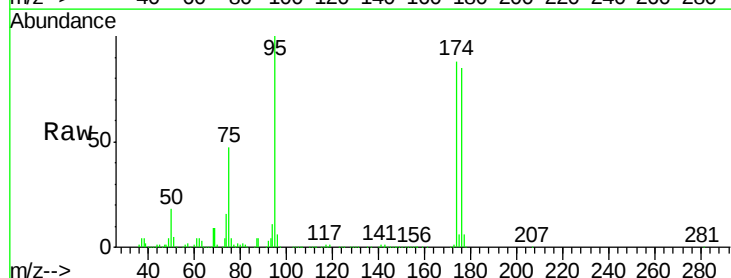
Tgt Ion: 95 Resp: 706724

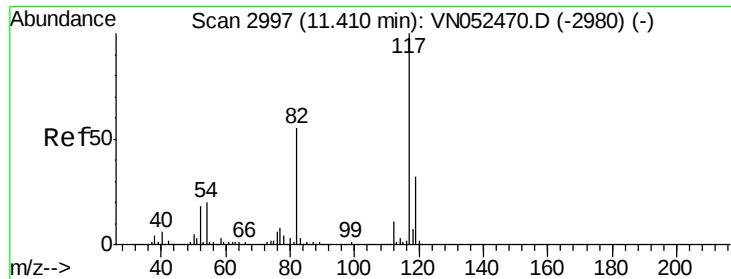
Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.0

176 84.9 0.0 166.2

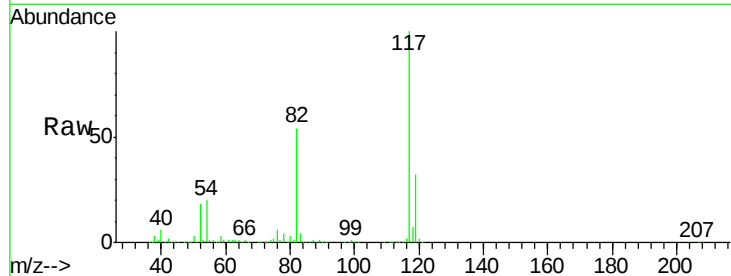




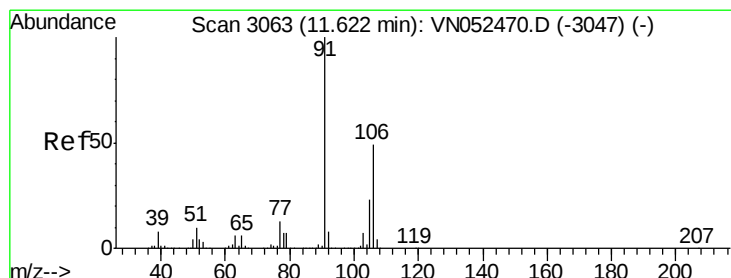
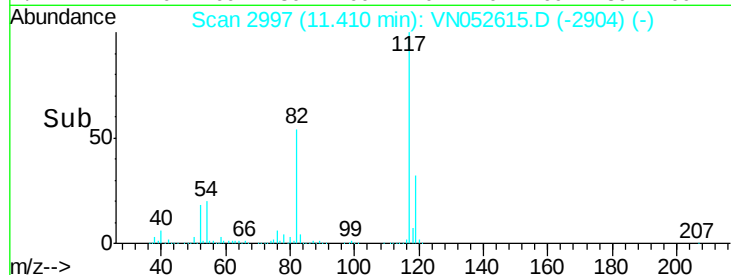
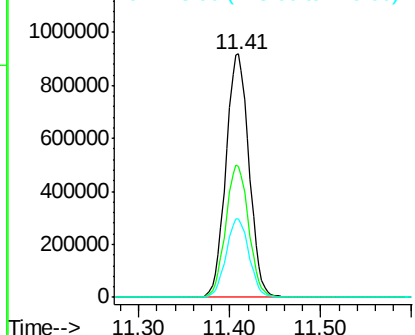
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052615.D
Acq: 30 Nov 2018 18:54

Instrument :
MSVOA_N
ClientSampleId :
AU-06-112918

Tgt Ion:117 Resp: 1619779
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 32.1 25.4 38.2

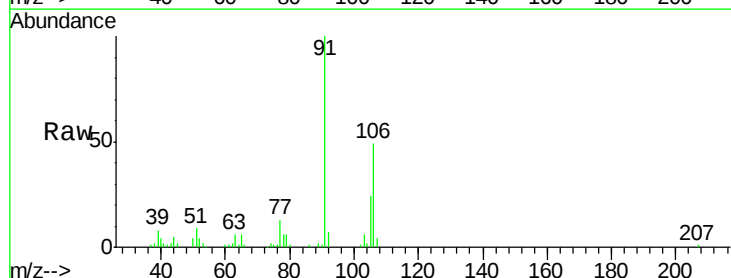


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

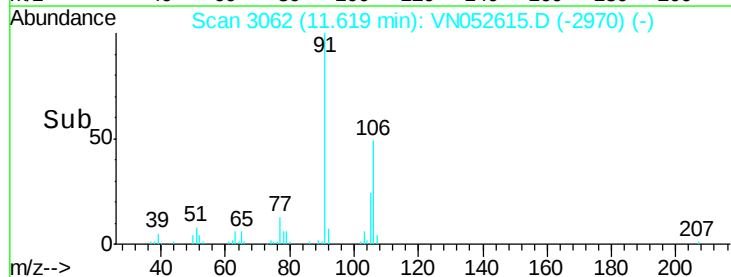
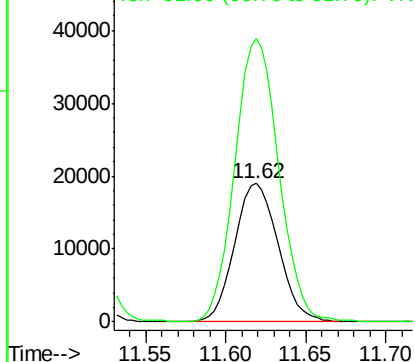


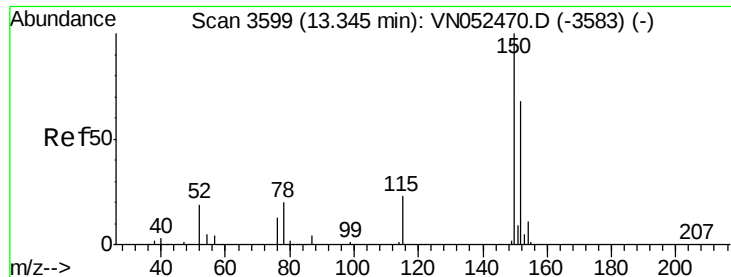
#68
m/p-Xylenes
Concen: 1.625 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052615.D
Acq: 30 Nov 2018 18:54

Tgt Ion:106 Resp: 35377
Ion Ratio Lower Upper
106 100
91 206.1 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052615.D

Acq: 30 Nov 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

AU-06-112918

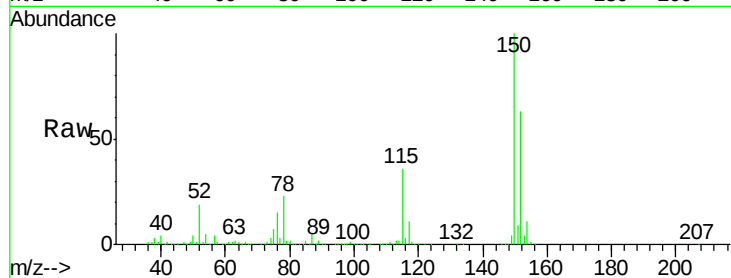
Tgt Ion:152 Resp: 618012

Ion Ratio Lower Upper

152 100

115 56.3 28.4 85.2

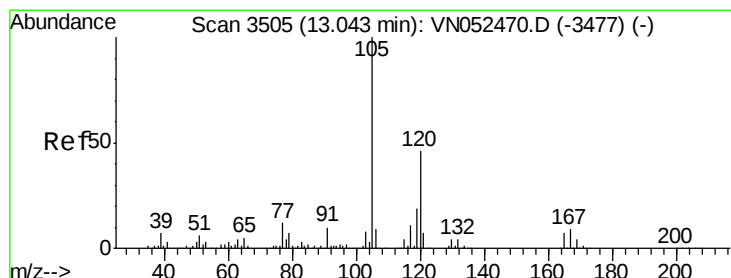
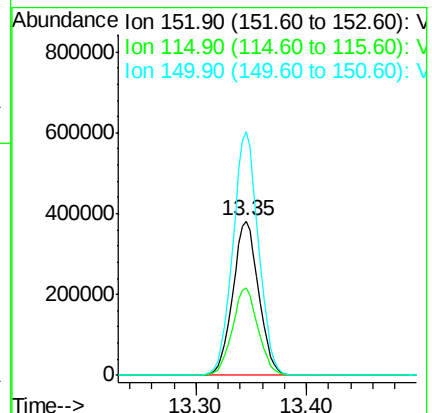
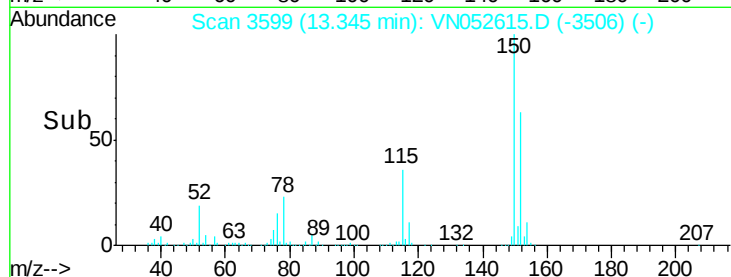
150 156.4 0.0 346.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.047 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN052615.D

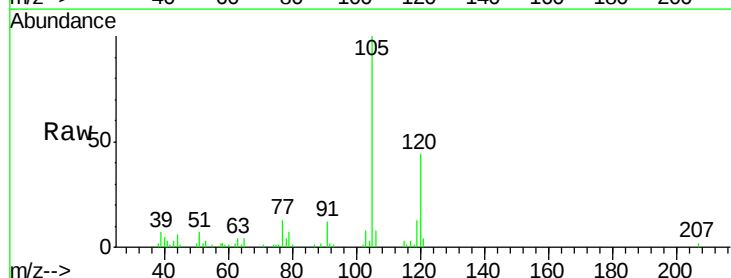
Acq: 30 Nov 2018 18:54

Tgt Ion:105 Resp: 40564

Ion Ratio Lower Upper

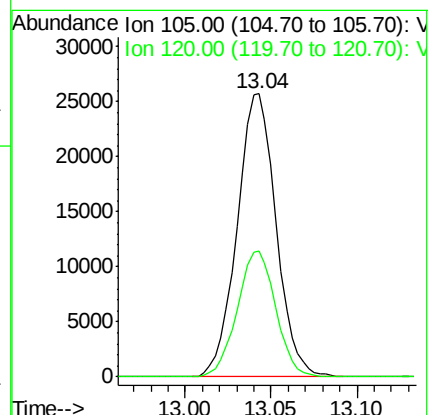
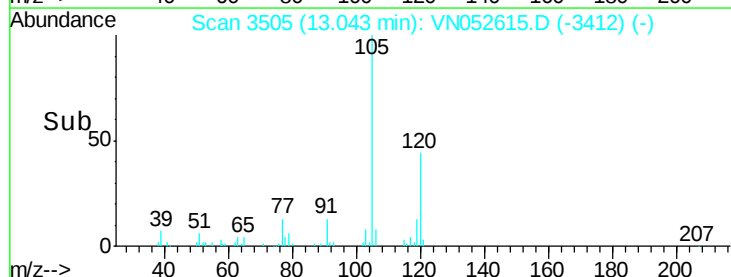
105 100

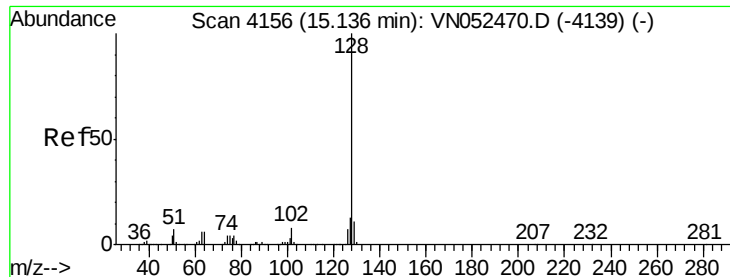
120 43.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.807 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052615.D

Acq: 30 Nov 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

AU-06-112918

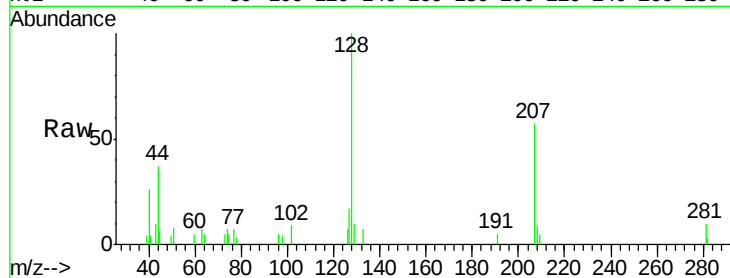
Tgt Ion:128 Resp: 9458

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.2

129 9.6 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

