

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058482.D
 Acq On : 2 Oct 2019 18:07
 Operator : JC/SP
 Sample : K4659-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-093019-A

Quant Time: Oct 03 05:42:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	392348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	653868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	205085	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	303154	52.87	ug/l	0.00
Spiked Amount						
			Recovery	=	105.74%	
35) Dibromofluoromethane	7.58	113	204763	51.10	ug/l	0.00
Spiked Amount						
			Recovery	=	102.20%	
50) Toluene-d8	10.09	98	836668	53.29	ug/l	0.00
Spiked Amount						
			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.41	95	255535	45.02	ug/l	0.00
Spiked Amount						
			Recovery	=	90.04%	

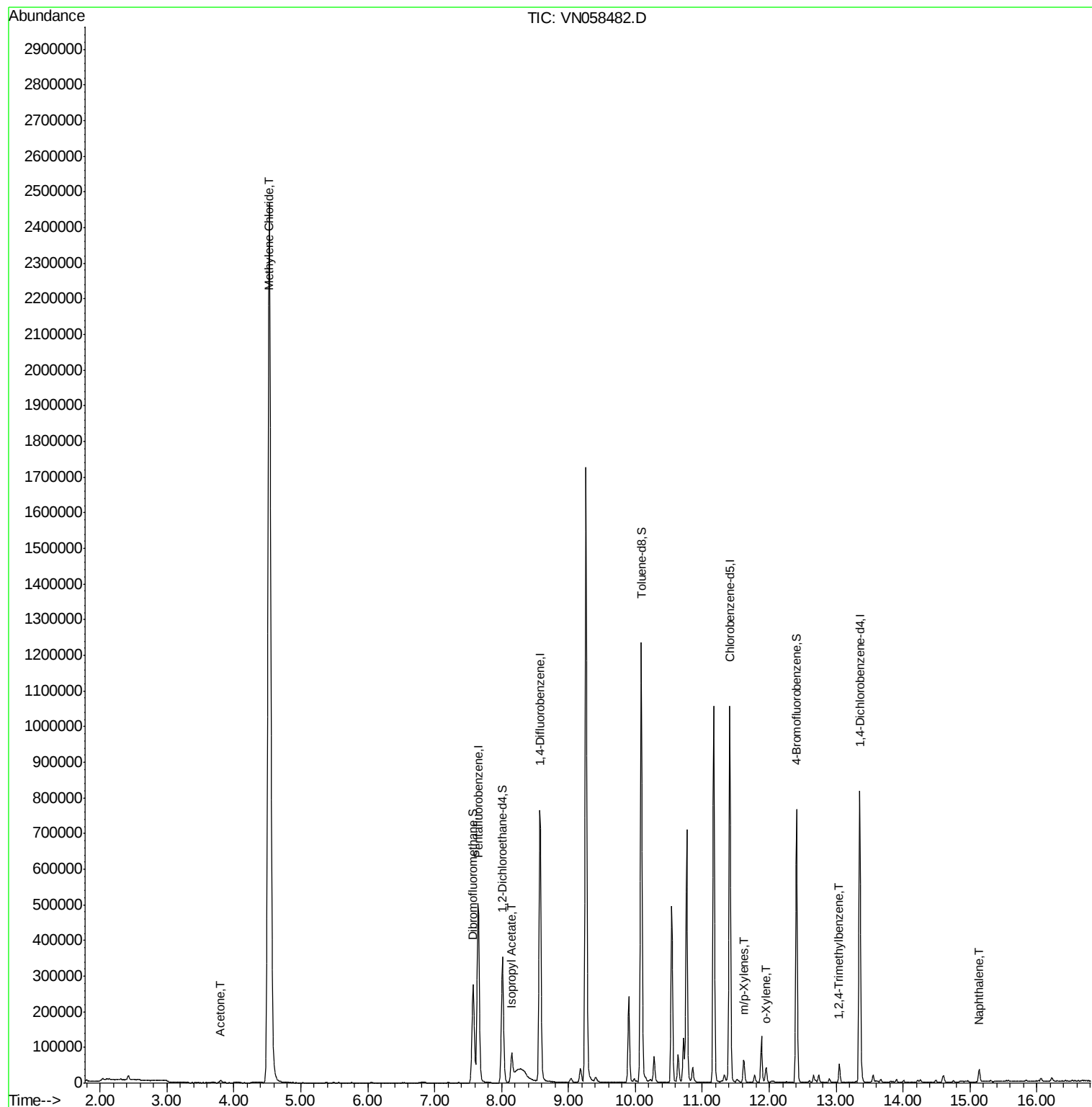
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	11758	6.016	ug/l	92
20) Methylene Chloride	4.53	84	1794827	397.924	ug/l	99
43) Isopropyl Acetate	8.15	43	109979	11.033	ug/l	97
68) m/p-Xylenes	11.62	106	17910	2.346	ug/l	92
69) o-Xylene	11.95	106	9997	1.360	ug/l	96
84) 1,2,4-Trimethylbenzene	13.05	105	28319	2.228	ug/l	99
95) Naphthalene	15.14	128	27573	2.724	ug/l	99

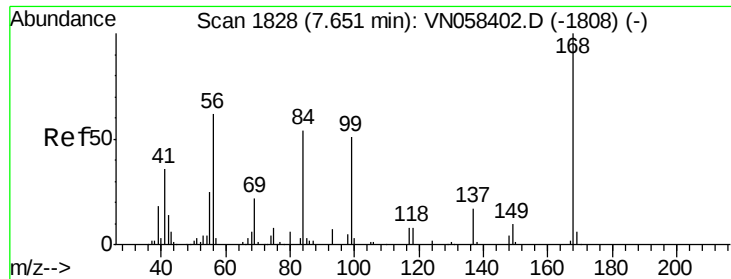
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100219\
Data File : VN058482.D
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JC-02-093019-A

Quant Time: Oct 03 05:42:06 2019
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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

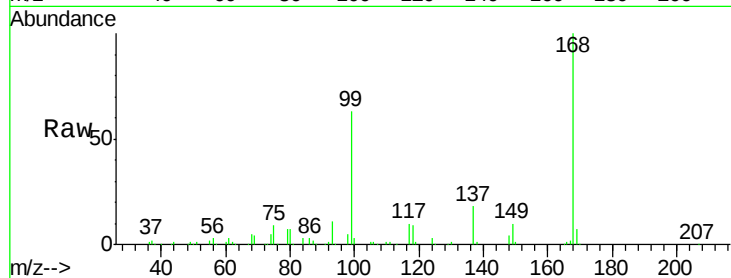
JC-02-093019-A

Tot Ion:168 Resp: 392348

Ion Ratio Lower Upper

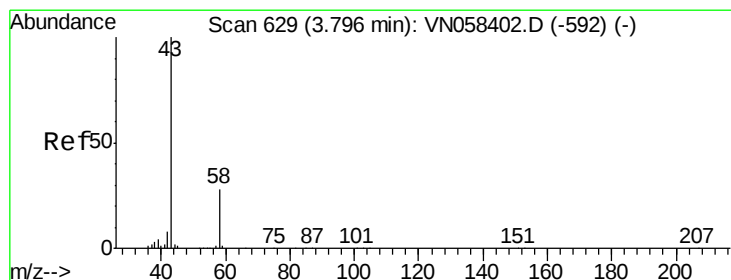
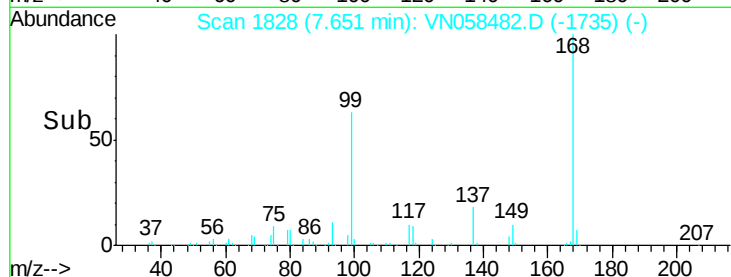
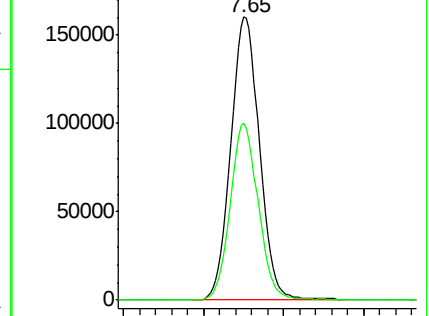
168 100

99 62.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.016 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058482.D

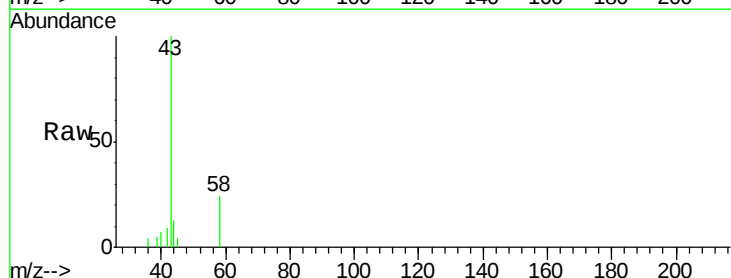
Acq: 2 Oct 2019 18:07

Tgt Ion: 43 Resp: 11758

Ion Ratio Lower Upper

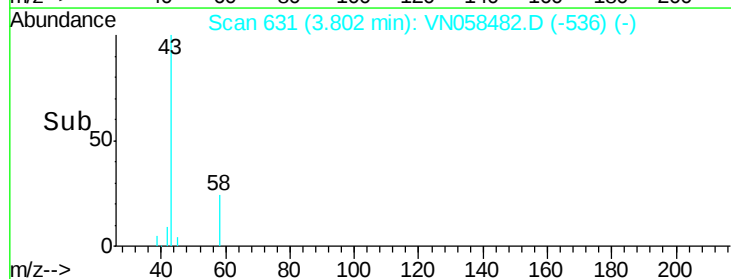
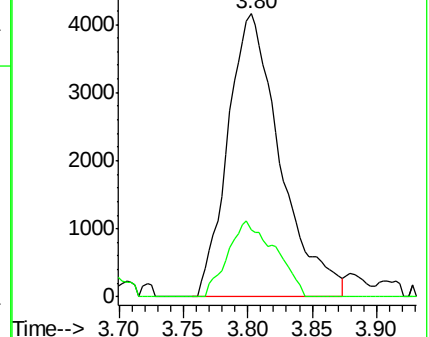
43 100

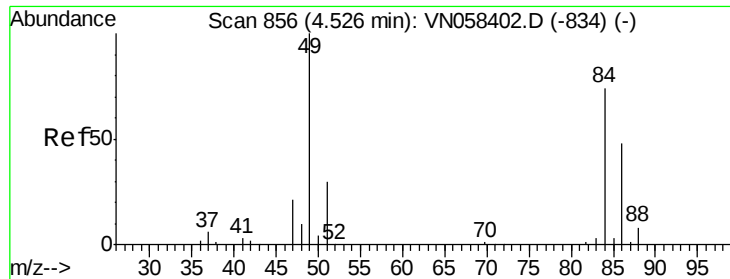
58 23.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



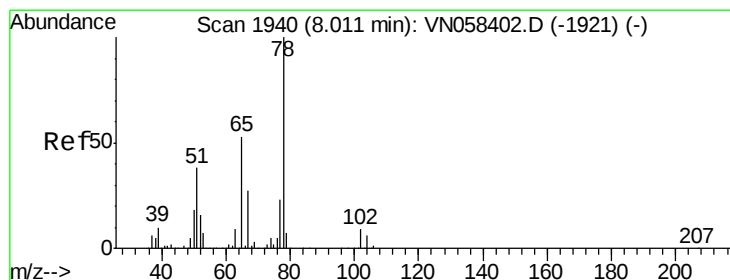
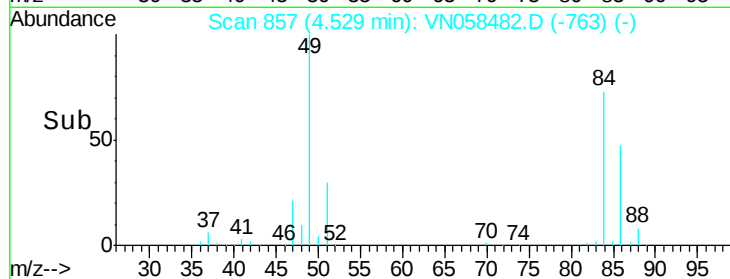
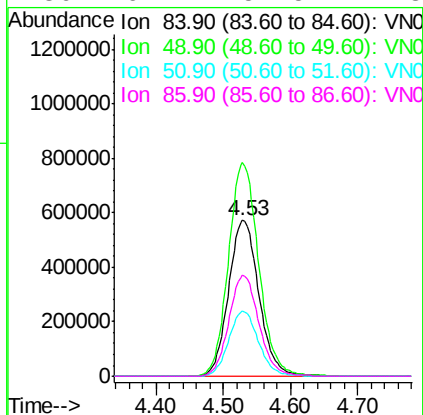
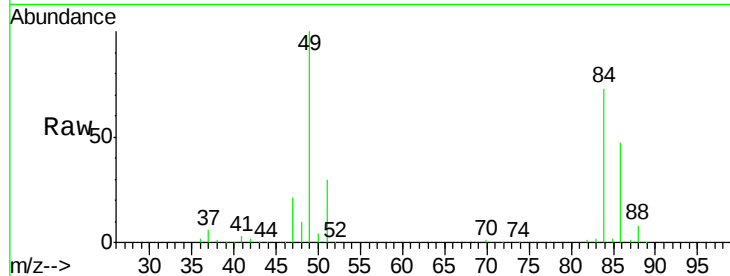


#20
Methylene Chloride
Concen: 397.924 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Instrument :
MSVOA_N
ClientSampleId :
JC-02-093019-A

Tot Ion: 84 Resp: 1794827

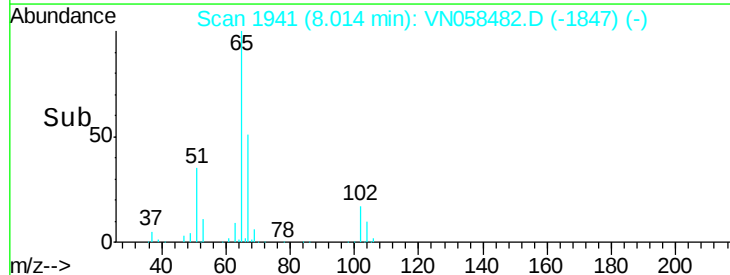
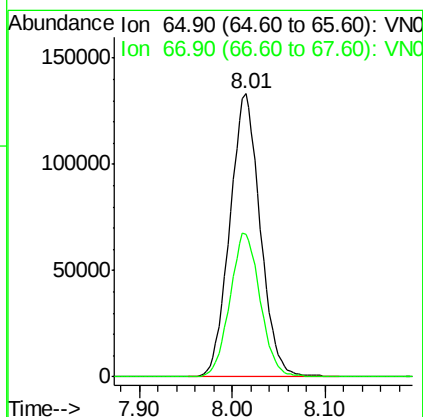
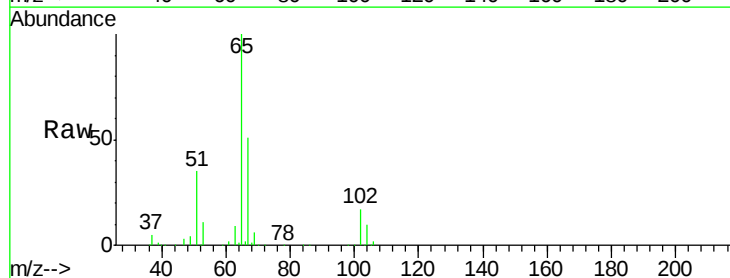
Ion	Ratio	Lower	Upper
84	100		
49	137.1	107.9	161.9
51	41.8	32.8	49.2
86	64.7	51.5	77.3

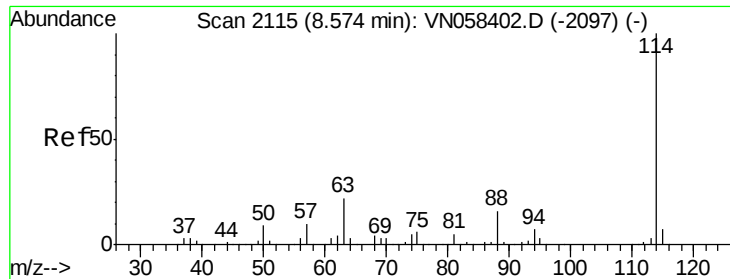


#33
1,2-Dichloroethane-d4
Concen: 52.874 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Tgt Ion: 65 Resp: 303154

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.4

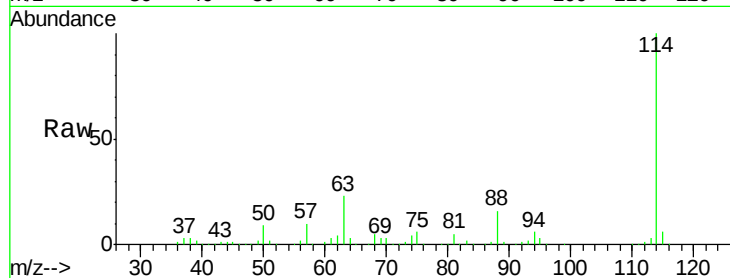




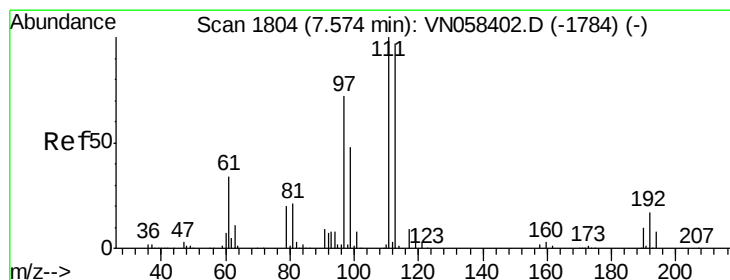
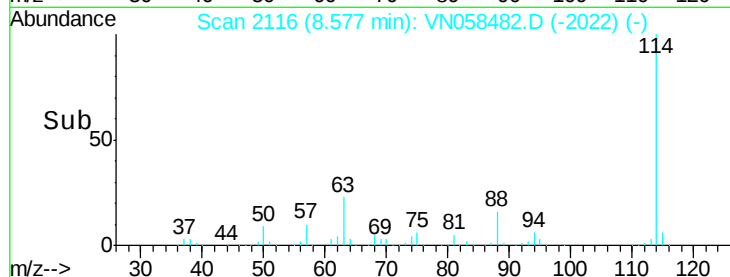
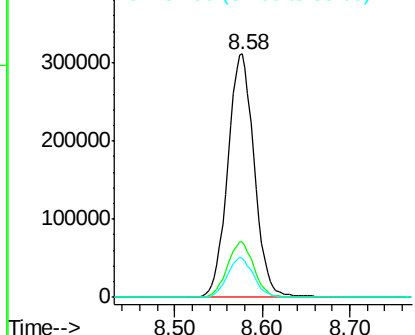
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058482.D
 Acq: 2 Oct 2019 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-093019-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.0
88	16.2	0.0	32.2

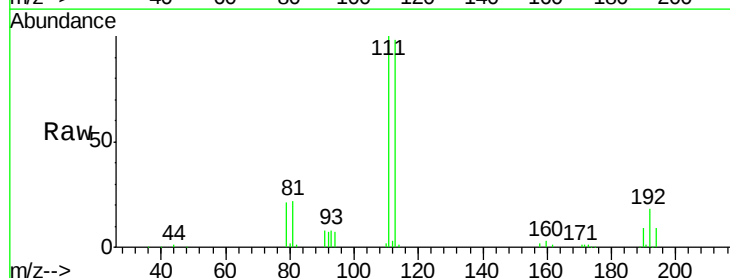


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

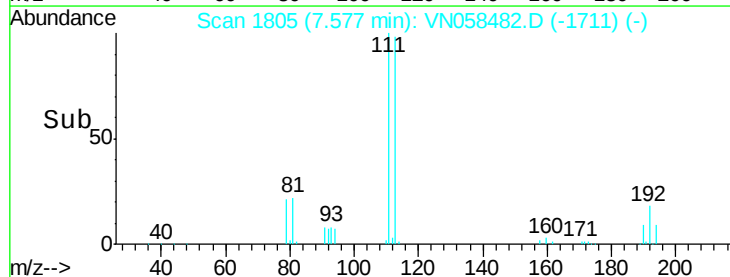
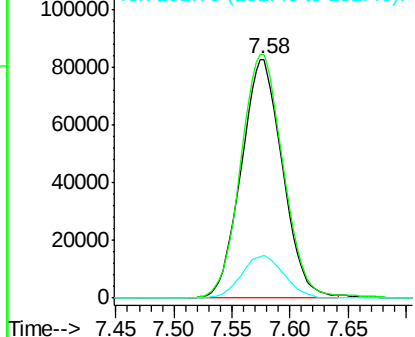


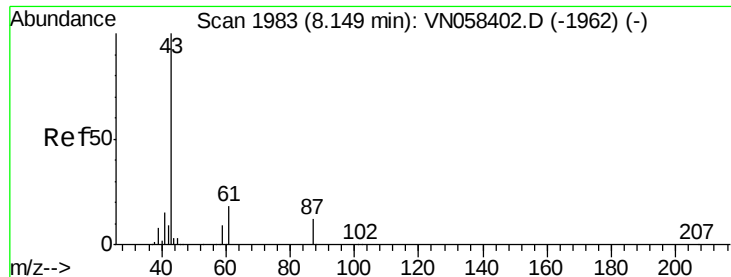
#35
 Dibromofluoromethane
 Concen: 51.095 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058482.D
 Acq: 2 Oct 2019 18:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.4	125.2
192	18.4	14.9	22.3



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: 11.033 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

JC-02-093019-A

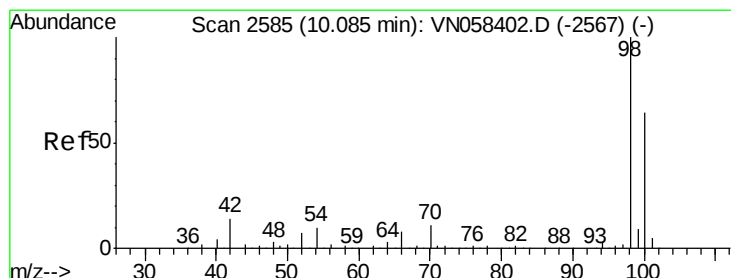
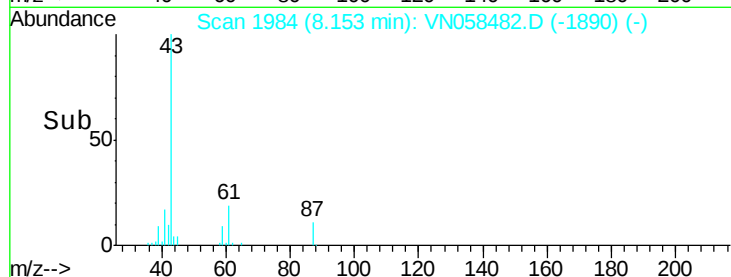
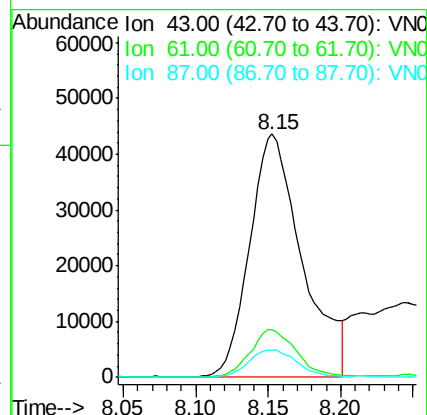
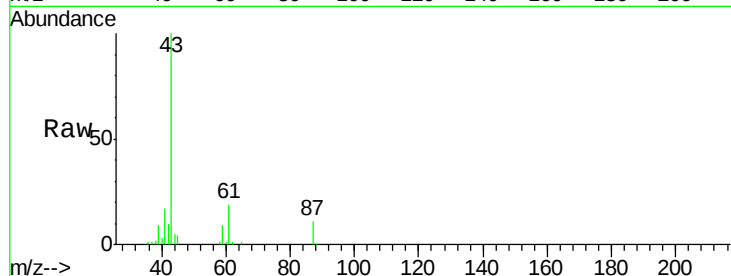
Tot Ion: 43 Resp: 109979

Ion Ratio Lower Upper

43 100

61 17.3 14.8 22.2

87 10.4 9.7 14.5



#50

Toluene-d8

Concen: 53.294 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058482.D

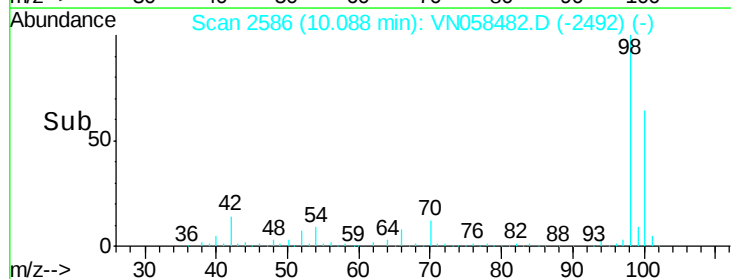
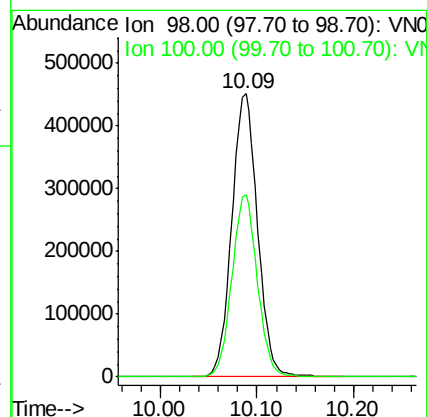
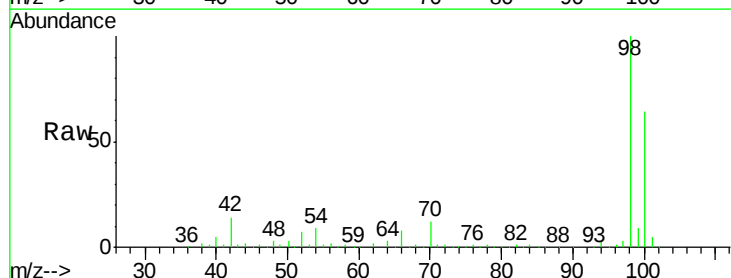
Acq: 2 Oct 2019 18:07

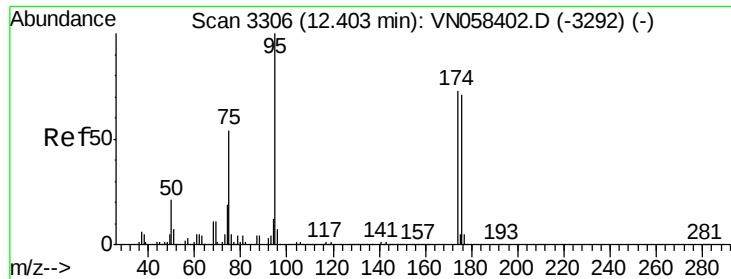
Tgt Ion: 98 Resp: 836668

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.6





#62

4-Bromofluorobenzene

Concen: 45.017 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

JC-02-093019-A

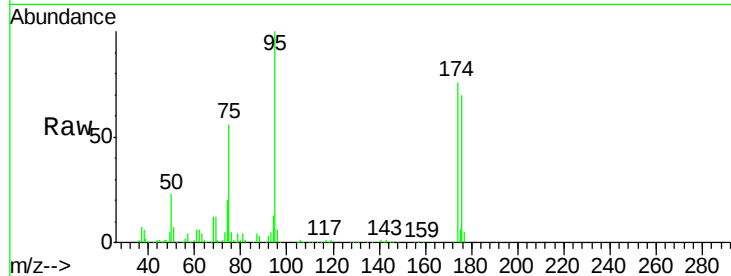
Tot Ion: 95 Resp: 25535

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.6

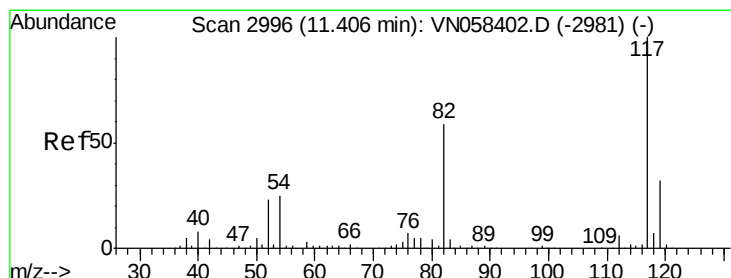
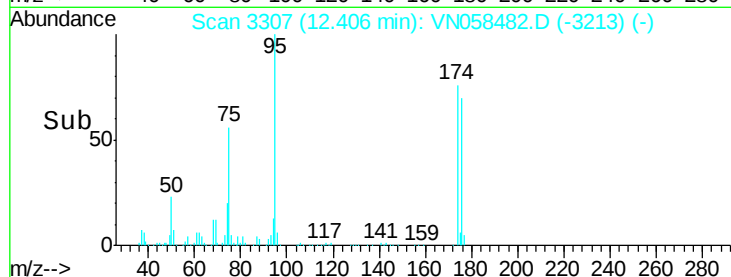
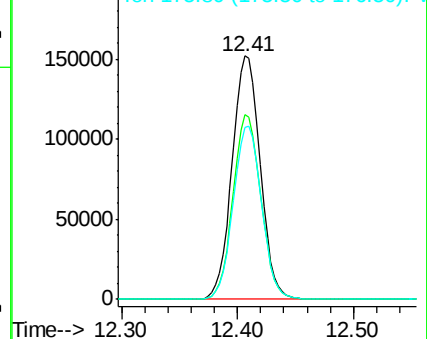
176 71.6 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058482.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058482.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058482.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

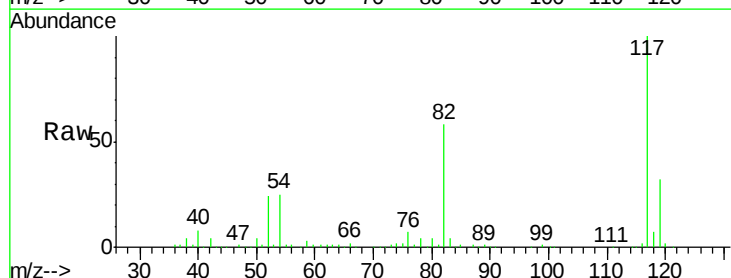
Tgt Ion: 117 Resp: 563571

Ion Ratio Lower Upper

117 100

82 58.2 47.4 71.0

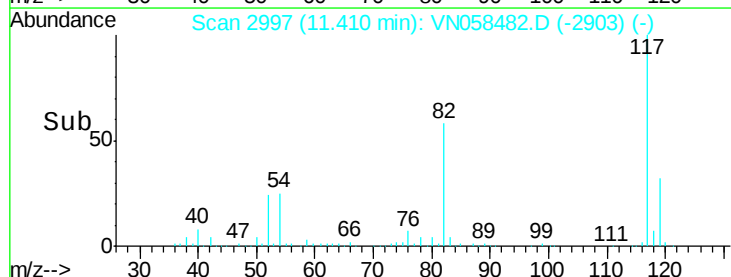
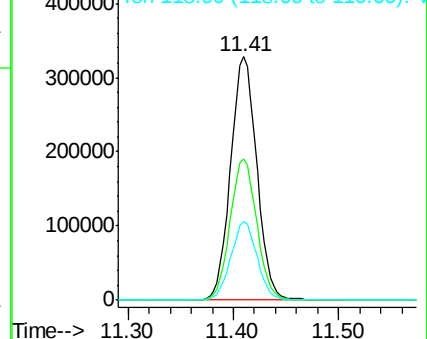
119 32.5 25.5 38.3

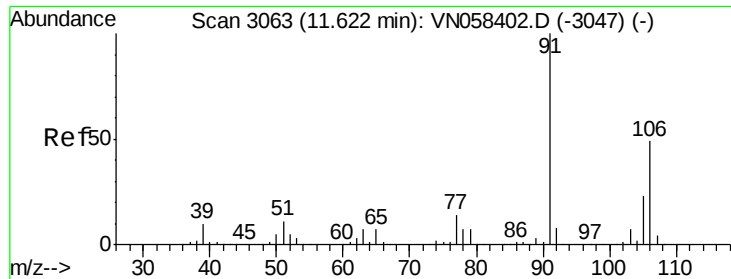


Abundance Ion 116.90 (116.60 to 117.60): VN058482.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058482.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058482.D (-2981) (-)

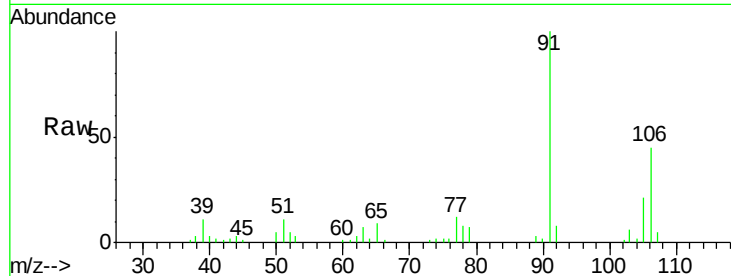




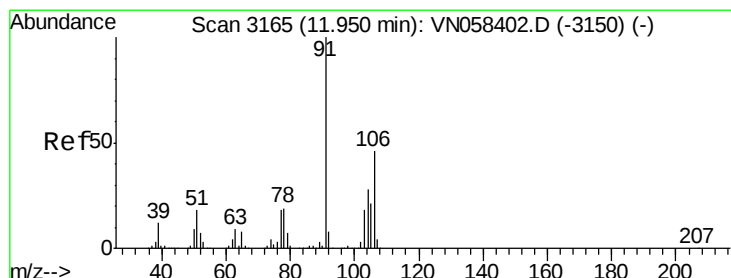
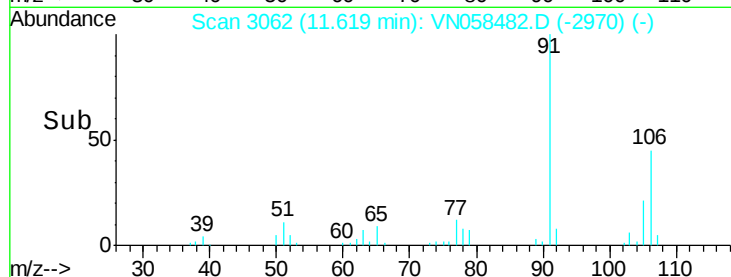
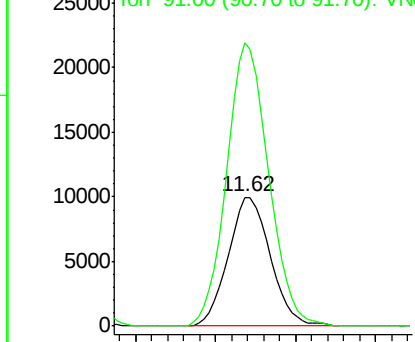
#68
m/p-Xylenes
Concen: 2.346 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Instrument :
MSVOA_N
ClientSampleId :
JC-02-093019-A

Tot Ion:106 Resp: 17910
Ion Ratio Lower Upper
106 100
91 218.3 165.0 247.4

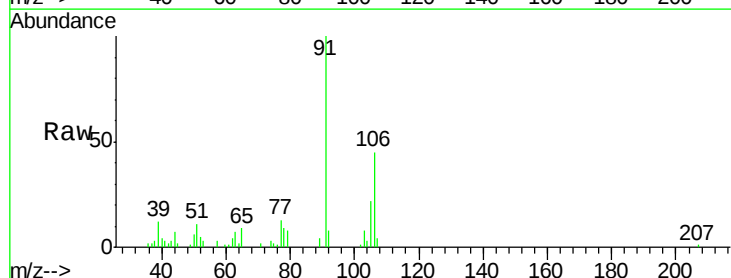


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

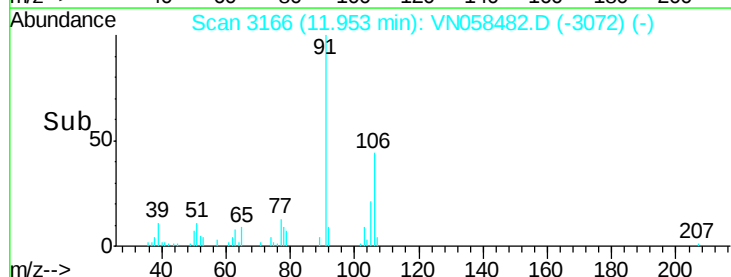
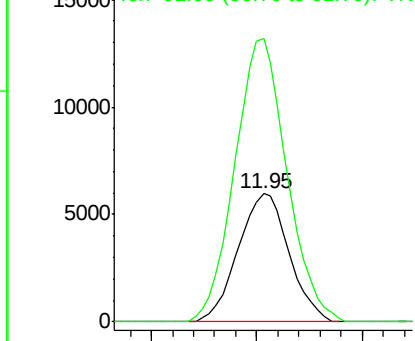


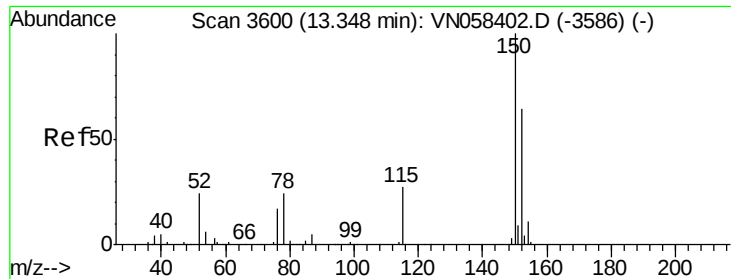
#69
o-Xylene
Concen: 1.360 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN058482.D
Acq: 2 Oct 2019 18:07

Tgt Ion:106 Resp: 9997
Ion Ratio Lower Upper
106 100
91 225.4 109.1 327.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampled :

JC-02-093019-A

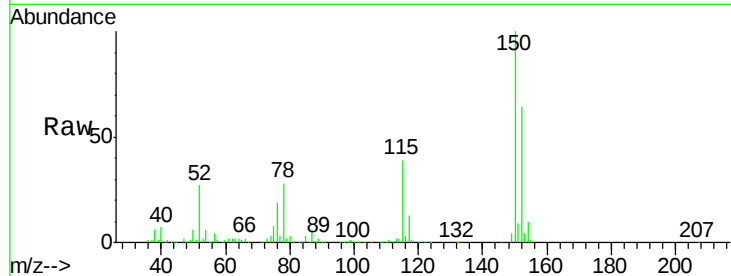
Tot Ion:152 Resp: 205085

Ion Ratio Lower Upper

152 100

115 60.8 30.0 90.0

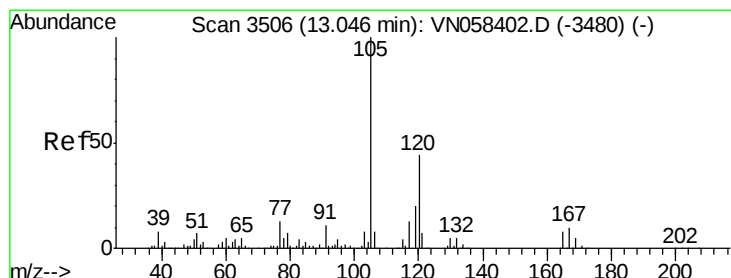
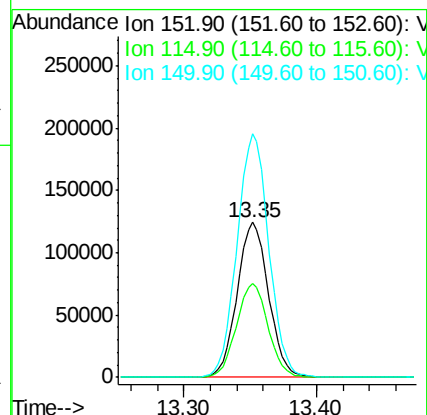
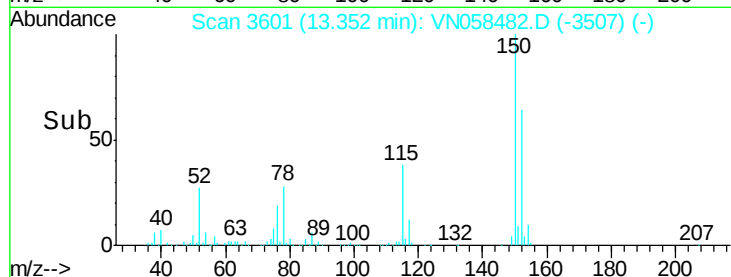
150 158.4 0.0 348.2



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: 2.228 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058482.D

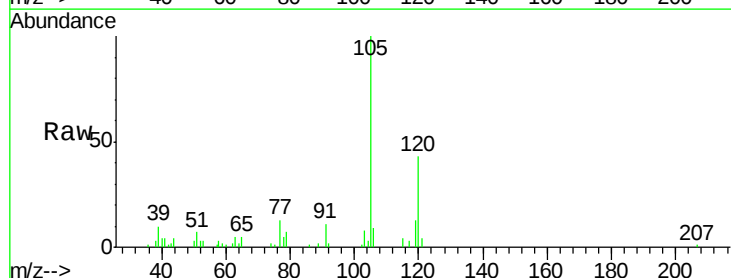
Acq: 2 Oct 2019 18:07

Tgt Ion:105 Resp: 28319

Ion Ratio Lower Upper

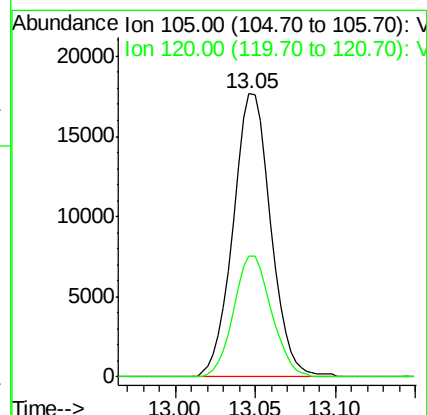
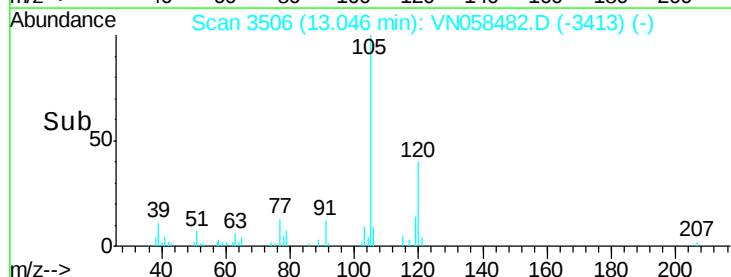
105 100

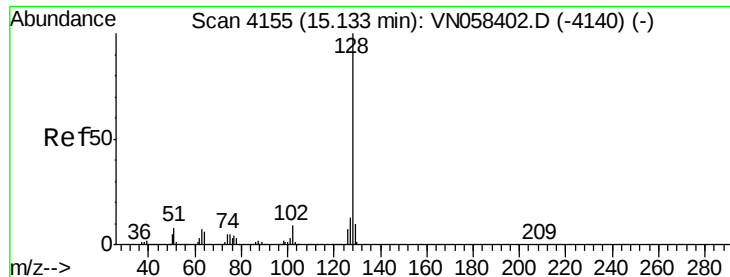
120 42.7 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.724 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN058482.D

Acq: 2 Oct 2019 18:07

Instrument :

MSVOA_N

ClientSampleId :

JC-02-093019-A

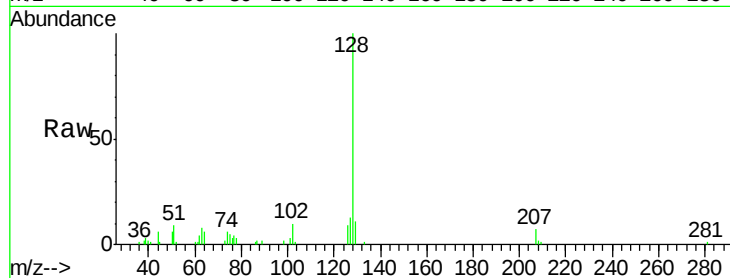
Tot Ion:128 Resp: 27573

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 10.8 8.3 12.5



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

