

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058481.D
 Acq On : 2 Oct 2019 17:45
 Operator : JC/SP
 Sample : K4659-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 03 05:39:41 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	348375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	573639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	500642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187464	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	256539	50.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.78%	
35) Dibromofluoromethane	7.58	113	185270	52.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.40%	
50) Toluene-d8	10.09	98	737538	53.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.41	95	233846	46.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.92%	

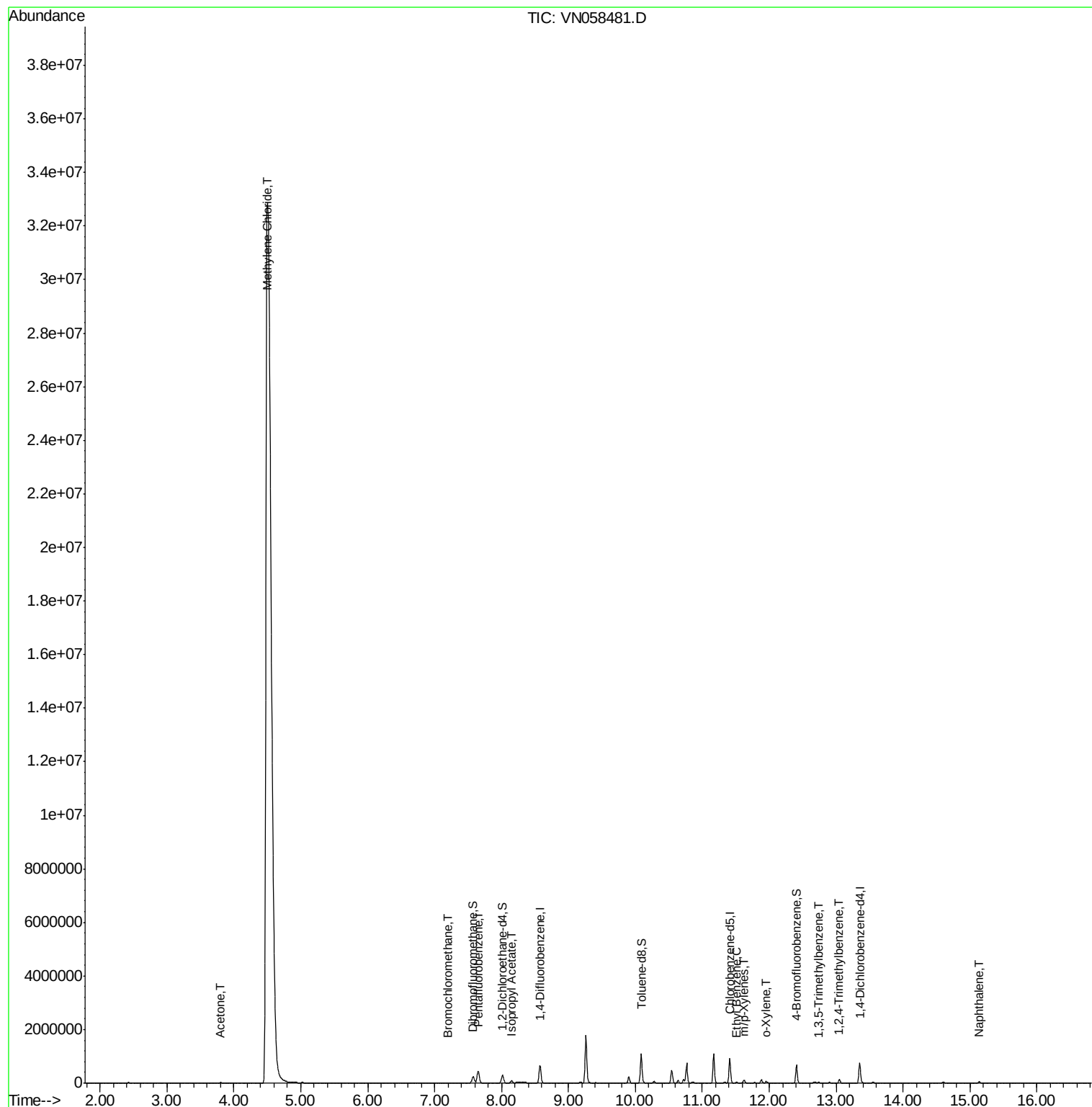
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	39002	22.474	ug/l	100
20) Methylene Chloride	4.51	84	23332917	5826.009	ug/l #	60
28) Bromochloromethane	7.19	49	11117	3.840	ug/l #	86
43) Isopropyl Acetate	8.15	43	103718	11.860	ug/l	100
67) Ethyl Benzene	11.51	91	22554	1.251	ug/l	92
68) m/p-Xylenes	11.62	106	32859	4.845	ug/l	98
69) o-Xylene	11.95	106	14040	2.151	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	19684	1.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	71762	6.176	ug/l	99
95) Naphthalene	15.14	128	42526	4.617	ug/l	100

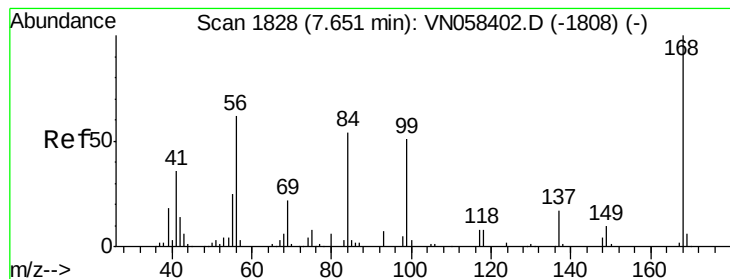
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058481.D

Acq: 2 Oct 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

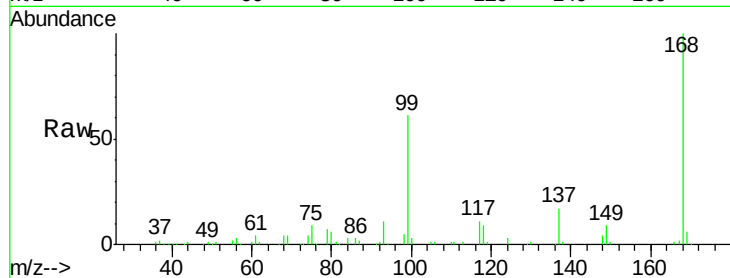
JC-02-093019-B

Tot Ion:168 Resp: 348375

Ion Ratio Lower Upper

168 100

99 61.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

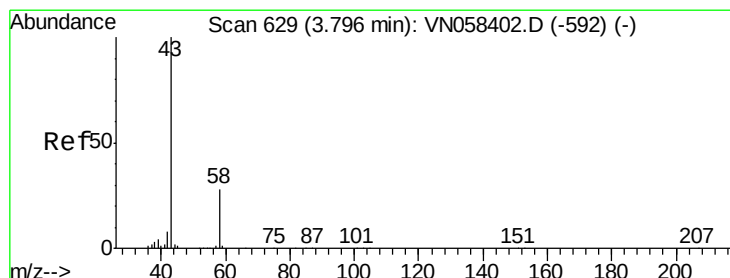
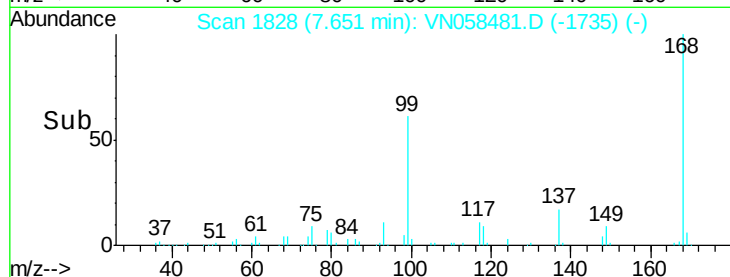
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 22.474 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058481.D

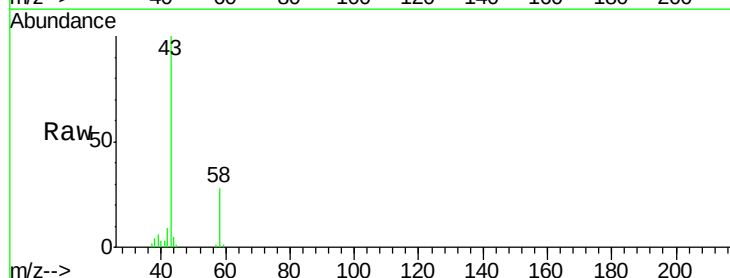
Acq: 2 Oct 2019 17:45

Tgt Ion: 43 Resp: 39002

Ion Ratio Lower Upper

43 100

58 28.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

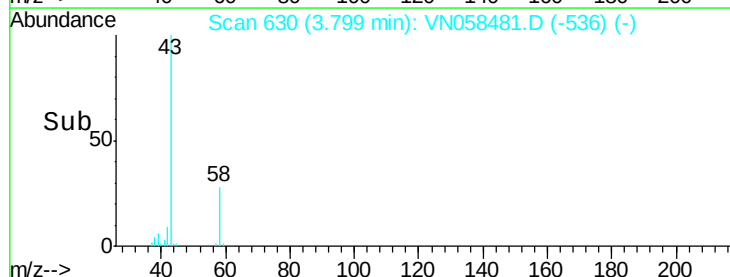
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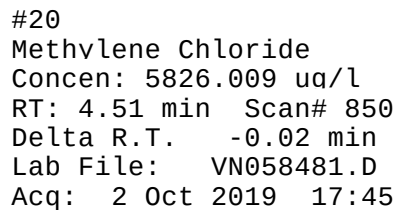
10000

5000

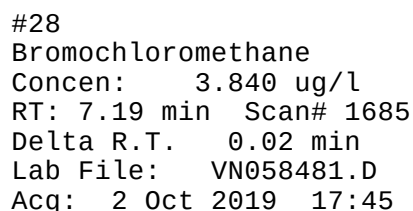
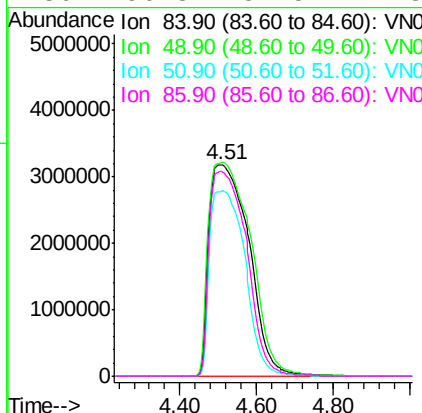
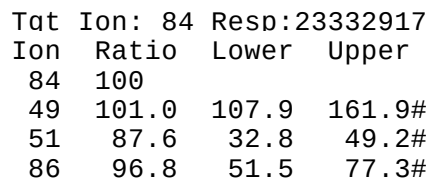
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Time--> 3.70 3.80 3.90

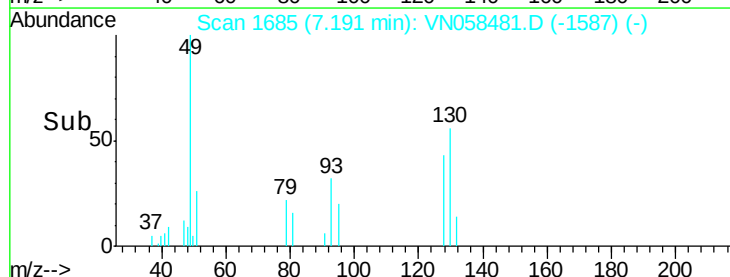
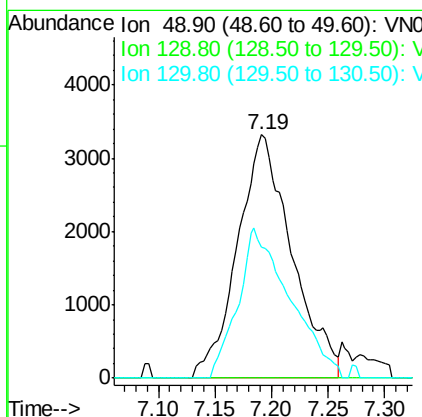


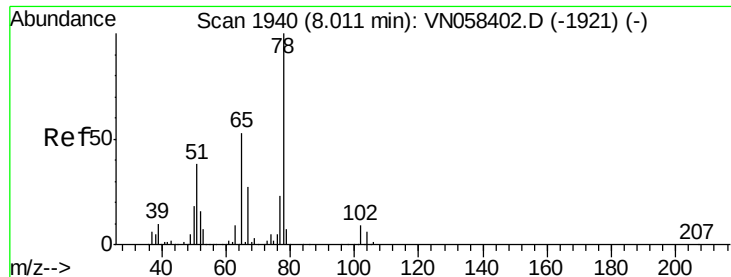


Instrument :
MSVOA_N
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JC-02-093019-B



Tgt	Ion: 49	Resp:	11117
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	58.8	56.3	84.5

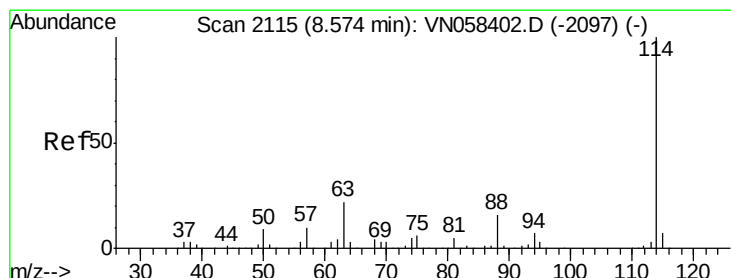
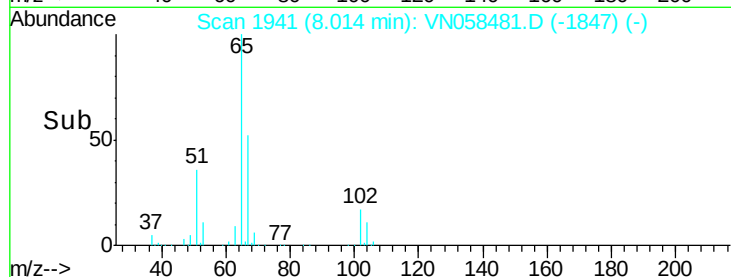
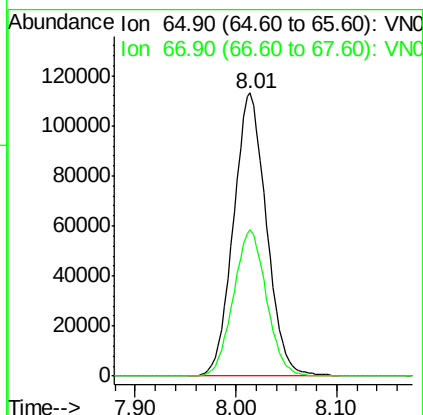
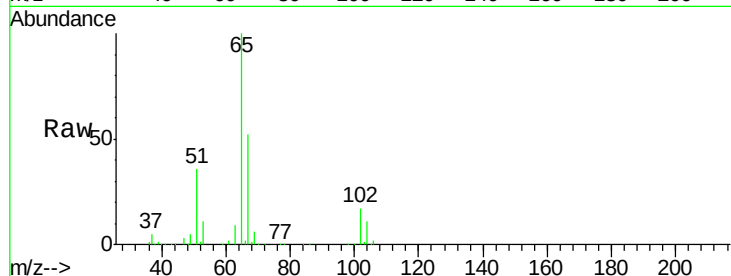




#33
 1,2-Dichloroethane-d4
 Concen: 50.391 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058481.D
 Acq: 2 Oct 2019 17:45

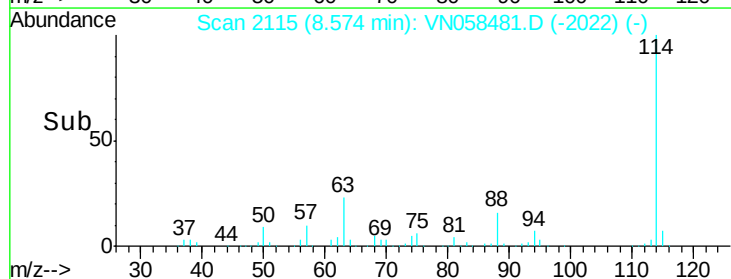
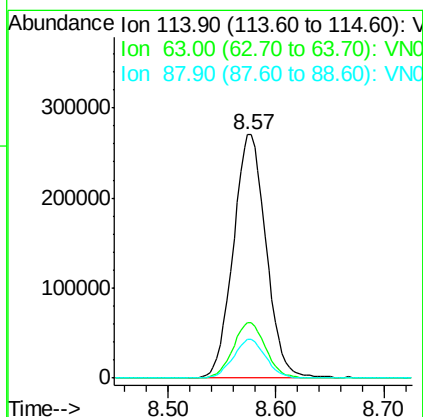
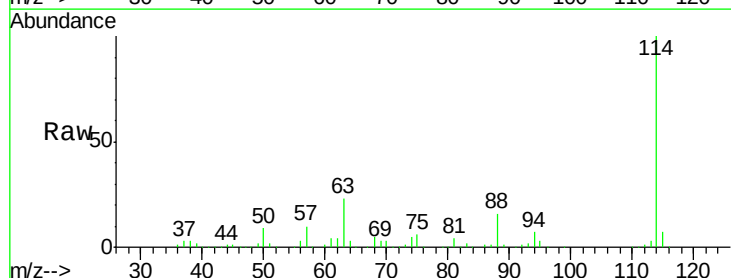
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-093019-B

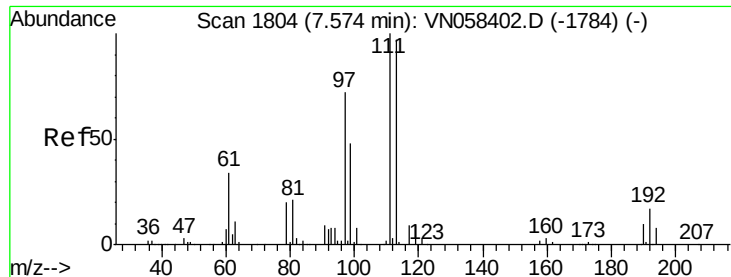
Tot Ion: 65 Resp: 256539
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058481.D
 Acq: 2 Oct 2019 17:45

Tgt Ion: 114 Resp: 573639
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.0
 88 15.8 0.0 32.2

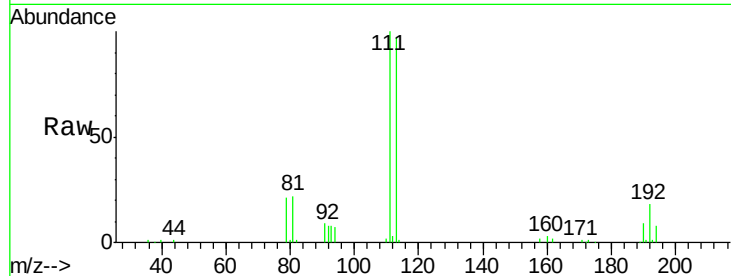




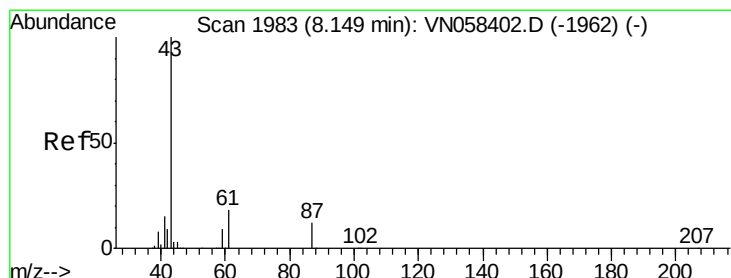
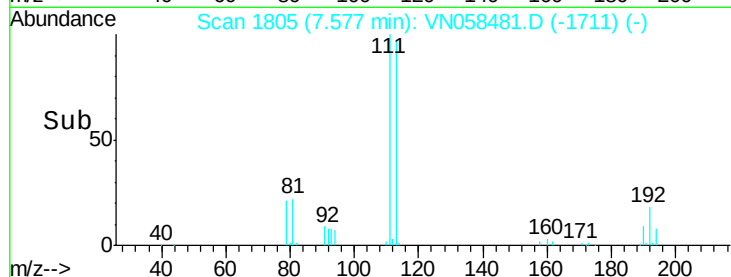
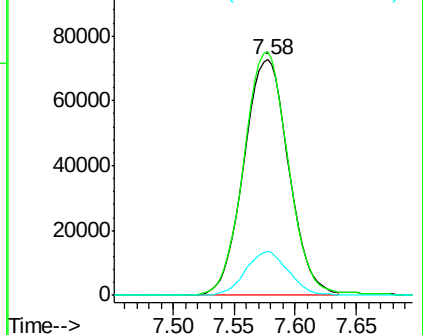
#35
 Dibromofluoromethane
 Concen: 52.697 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058481.D
 Acq: 2 Oct 2019 17:45

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

Tot Ion:113 Resp: 185270
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.4 125.2
 192 17.9 14.9 22.3

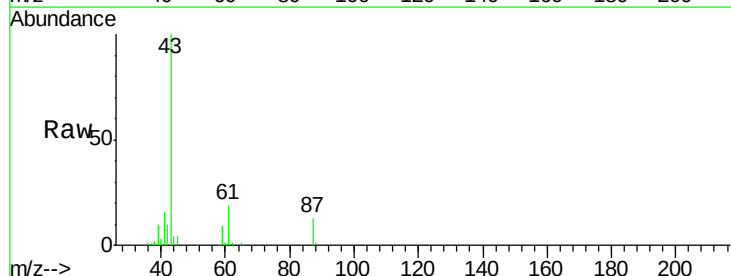


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

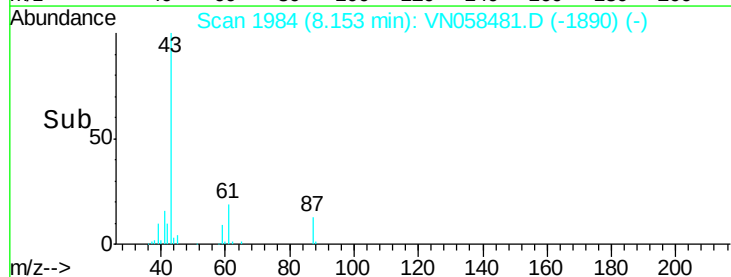
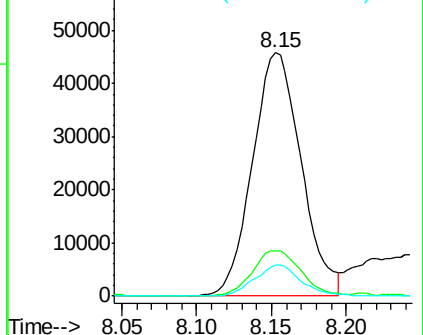


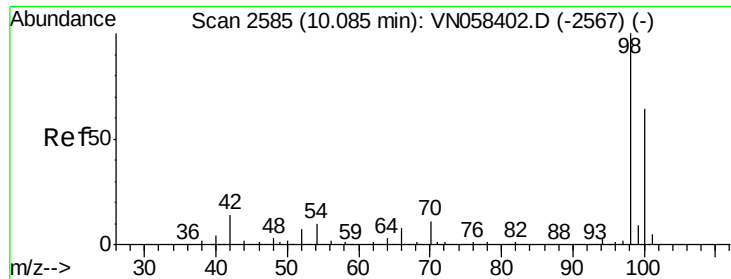
#43
 Isopropyl Acetate
 Concen: 11.860 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN058481.D
 Acq: 2 Oct 2019 17:45

Tgt Ion: 43 Resp: 103718
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.8 22.2
 87 12.1 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 53.550 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058481.D

Acq: 2 Oct 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

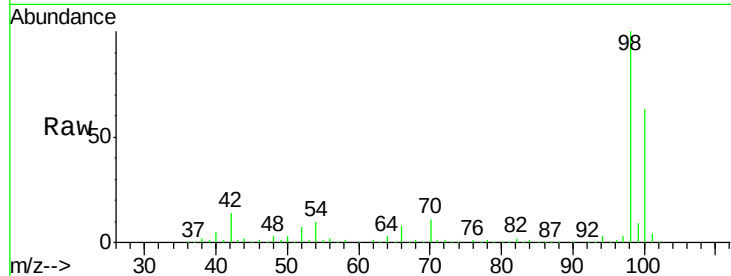
JC-02-093019-B

Tot Ion: 98 Resp: 737538

Ion Ratio Lower Upper

98 100

100 63.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

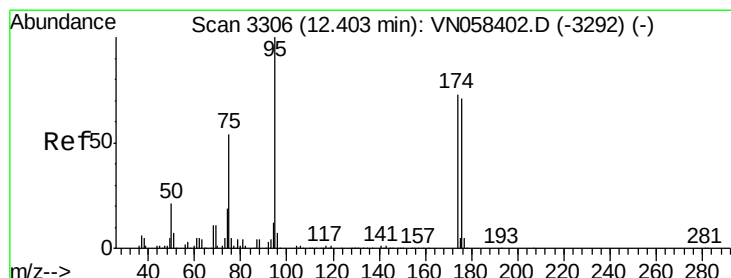
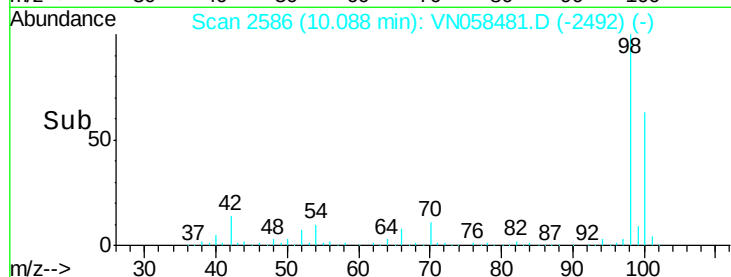
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 46.957 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058481.D

Acq: 2 Oct 2019 17:45

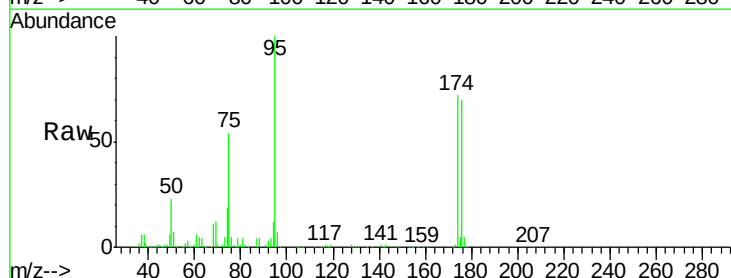
Tgt Ion: 95 Resp: 233846

Ion Ratio Lower Upper

95 100

174 73.1 0.0 150.6

176 71.4 0.0 146.2



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

12.41

150000

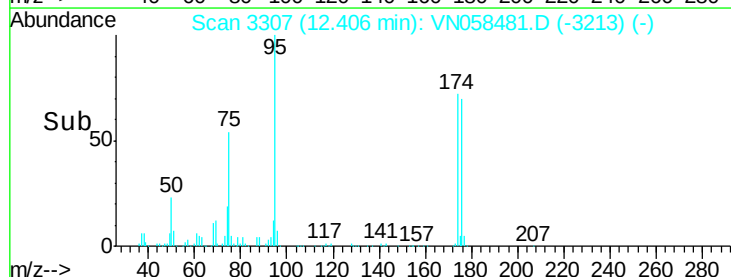
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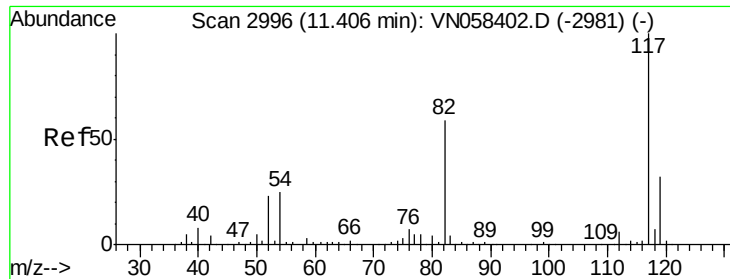
50000

0

Time-->

12.40 12.50

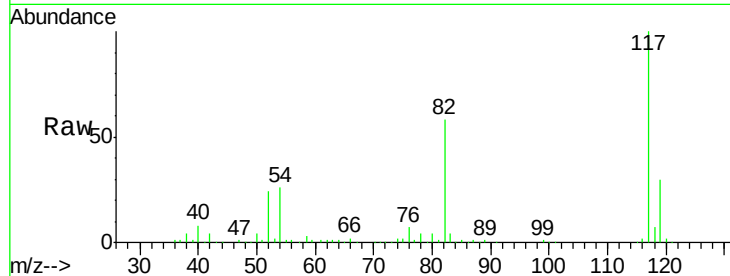




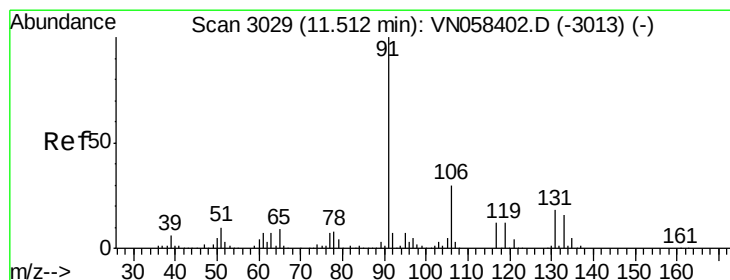
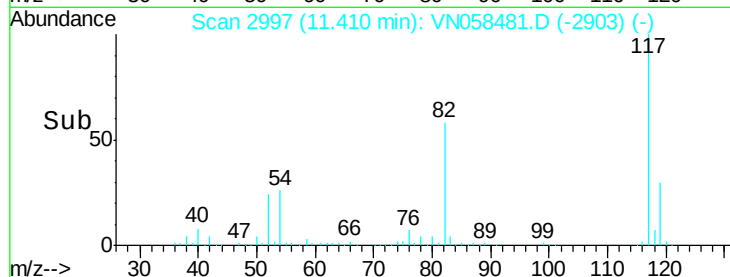
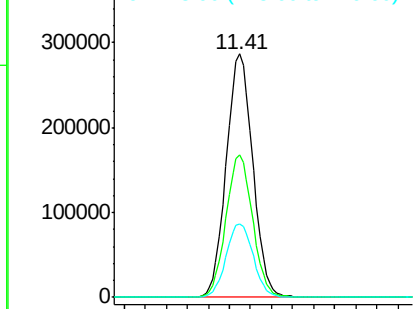
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058481.D
Acq: 2 Oct 2019 17:45

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

Tot Ion:117 Resp: 500642
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 30.4 25.5 38.3

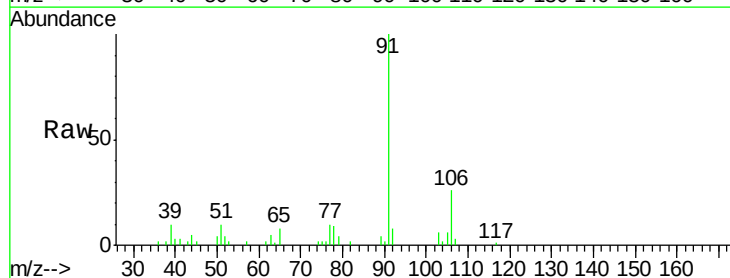


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

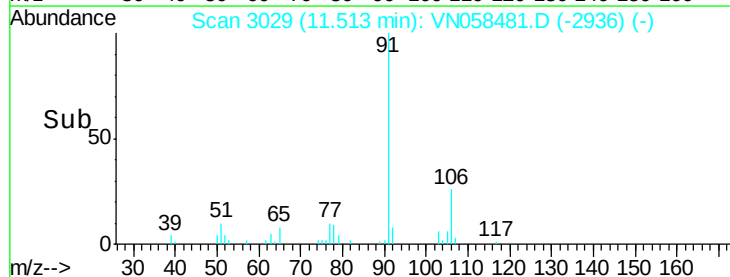
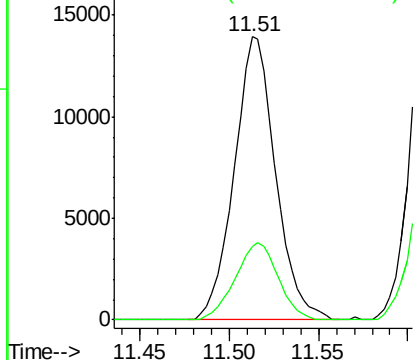


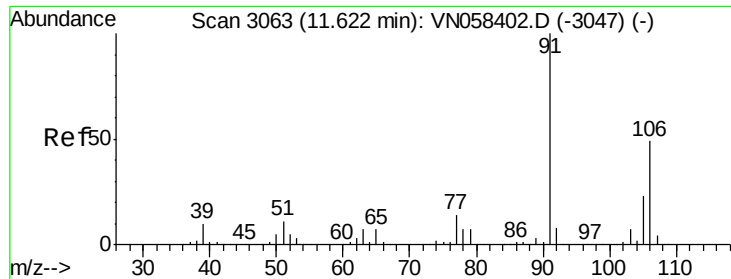
#67
Ethyl Benzene
Concen: 1.251 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058481.D
Acq: 2 Oct 2019 17:45

Tgt Ion: 91 Resp: 22554
Ion Ratio Lower Upper
91 100
106 26.2 24.3 36.5



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

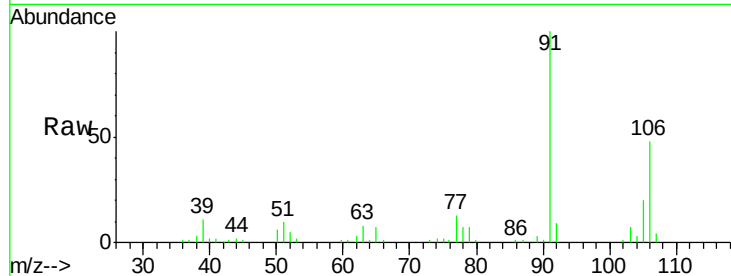




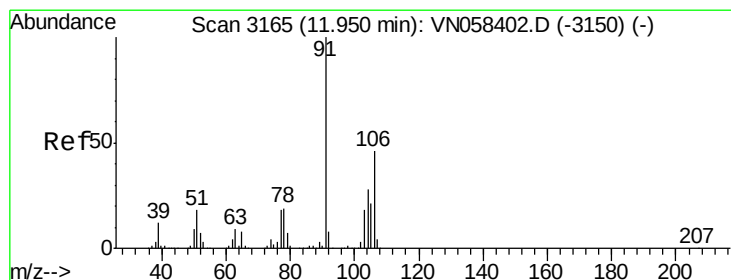
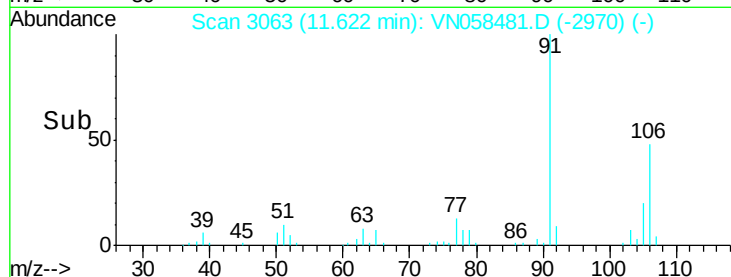
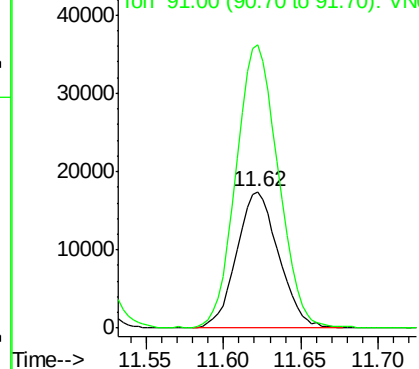
#68
m/p-Xylenes
Concen: 4.845 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058481.D
Acq: 2 Oct 2019 17:45

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

Tot Ion:106 Resp: 32859
Ion Ratio Lower Upper
106 100
91 209.2 165.0 247.4

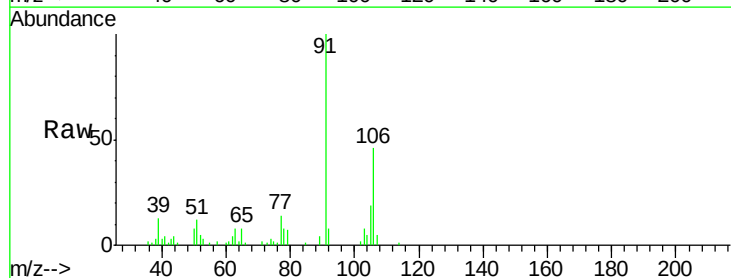


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

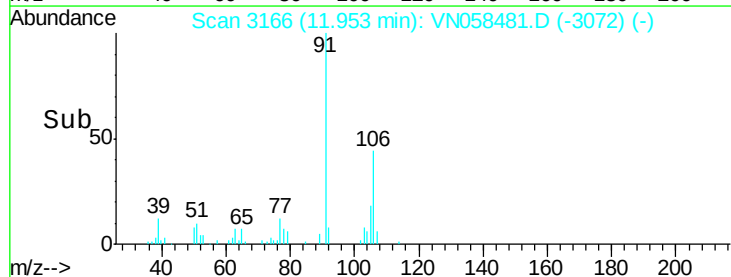
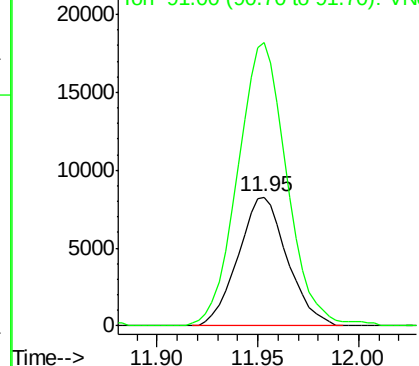


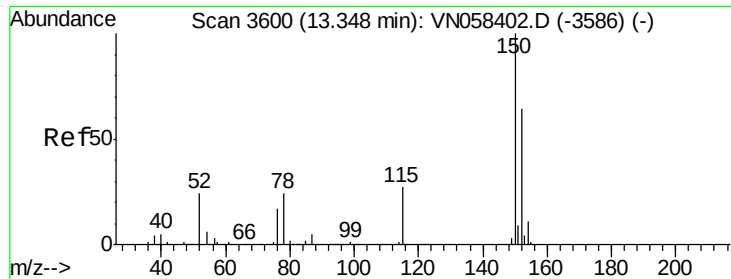
#69
o-Xylene
Concen: 2.151 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN058481.D
Acq: 2 Oct 2019 17:45

Tgt Ion:106 Resp: 14040
Ion Ratio Lower Upper
106 100
91 219.7 109.1 327.4



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



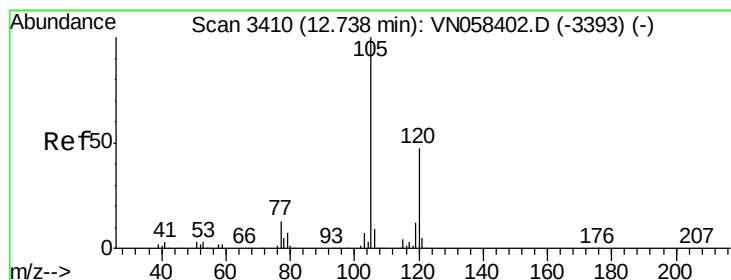
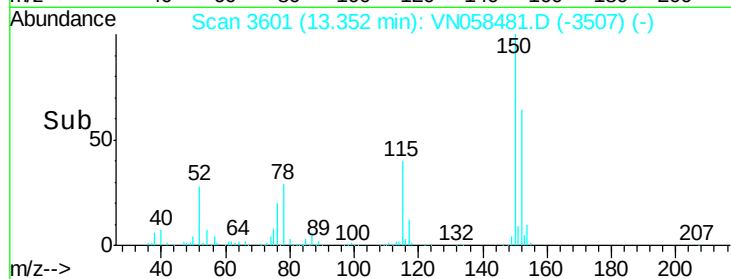
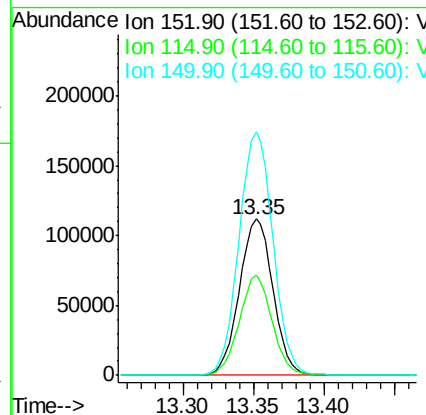
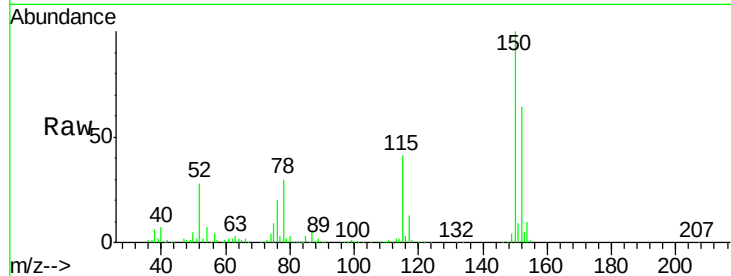


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058481.D
Acq: 2 Oct 2019 17:45

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

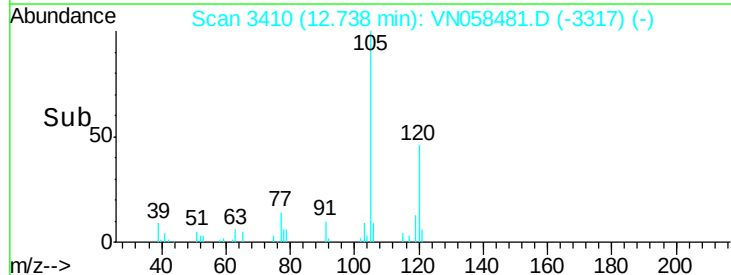
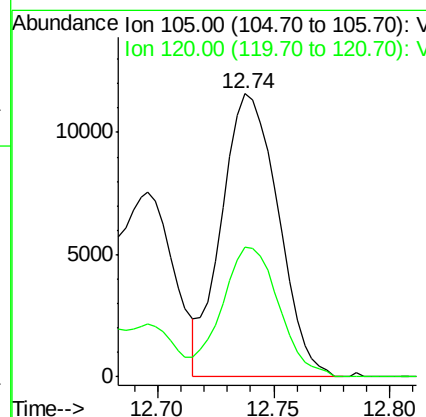
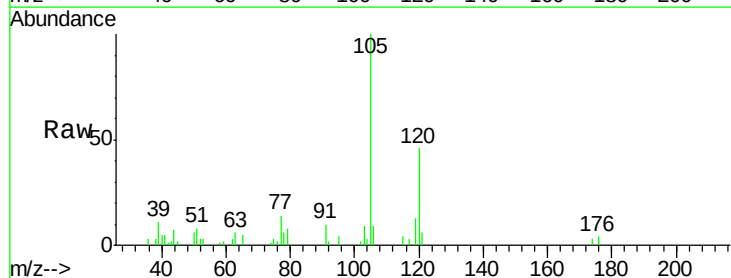
Tot Ion	Ratio	Lower	Upper
152	100		
115	62.6	30.0	90.0
150	158.2	0.0	348.2

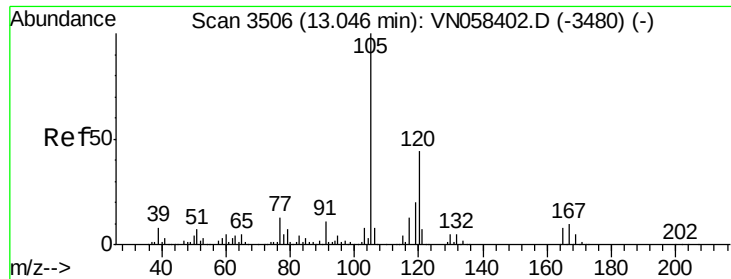


#80

1,3,5-Trimethylbenzene
Concen: 1.697 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: VN058481.D
Acq: 2 Oct 2019 17:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.5	70.6





#84

1,2,4-Trimethylbenzene

Concen: 6.176 ug/l

RT: 13.05 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN058481.D

Acq: 2 Oct 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

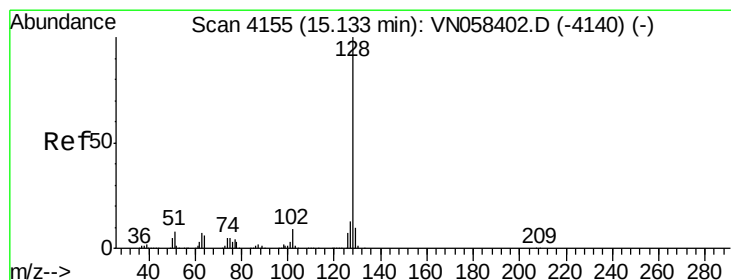
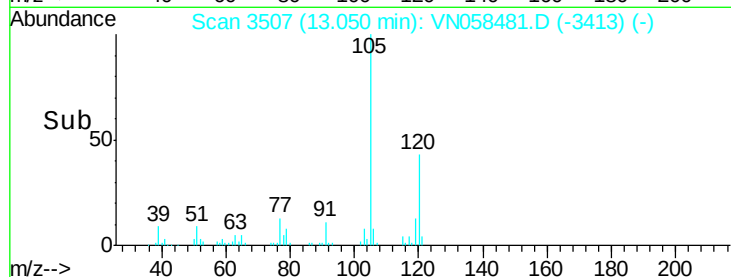
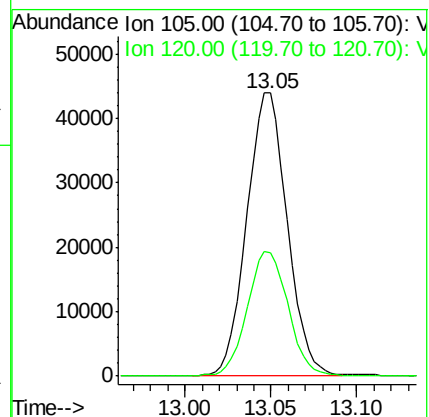
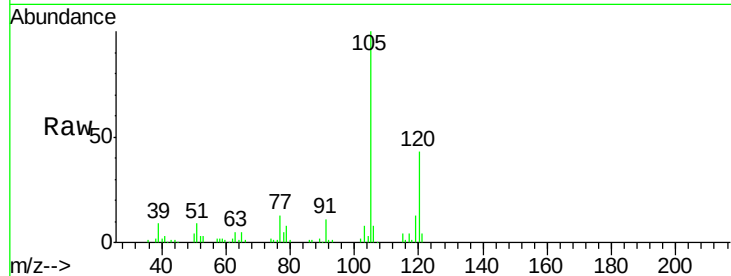
JC-02-093019-B

Tot Ion:105 Resp: 71762

Ion Ratio Lower Upper

105 100

120 44.2 21.7 65.1



#95

Naphthalene

Concen: 4.617 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058481.D

Acq: 2 Oct 2019 17:45

Tgt Ion:128 Resp: 42526

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.2 8.3 12.5

