

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054257.D
 Acq On : 14 Mar 2019 13:09
 Operator : JC/SP
 Sample : K1844-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

Quant Time: Mar 15 07:21:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1366861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2234999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2332697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1002527	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	725627	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
35) Dibromofluoromethane	7.59	113	688459	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
50) Toluene-d8	10.09	98	2779544	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.40	95	1052780	56.52	ug/l	0.00
Spiked Amount			Recovery	=	113.04%	

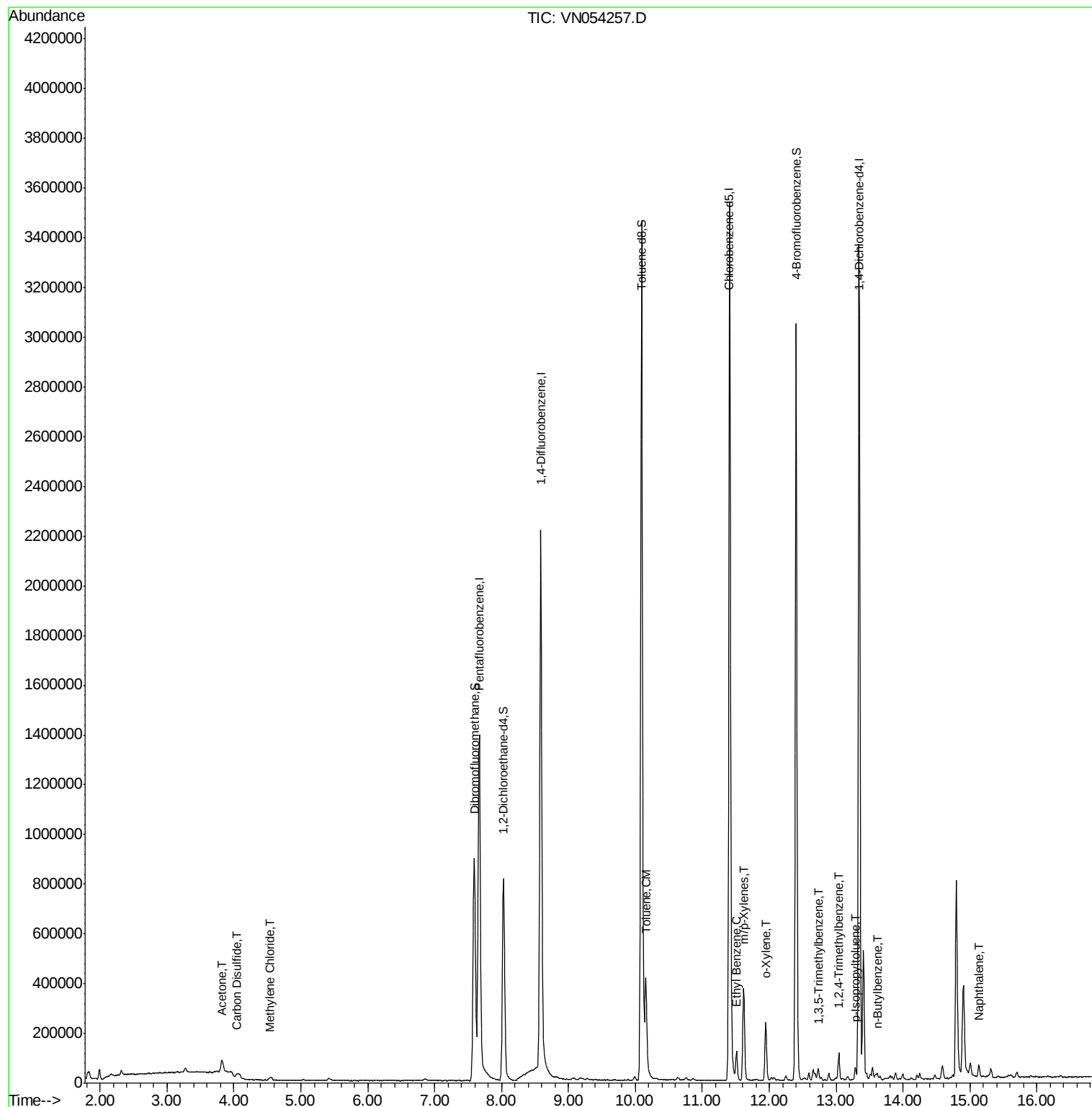
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	81132	19.520	ug/l	98
17) Carbon Disulfide	4.05	76	33498	0.941	ug/l	96
20) Methylene Chloride	4.55	84	9326	0.683	ug/l	95
52) Toluene	10.16	92	163656	4.382	ug/l	99
67) Ethyl Benzene	11.51	91	83545	0.984	ug/l	99
68) m/p-Xylenes	11.62	106	132337	3.988	ug/l	99
69) o-Xylene	11.95	106	67792	2.096	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	23047	0.345	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	64309	0.983	ug/l	99
86) p-Isopropyltoluene	13.29	119	23134	0.331	ug/l	97
89) n-Butylbenzene	13.62	91	16070	0.303	ug/l	98
95) Naphthalene	15.13	128	43862	4.398	ug/l	98

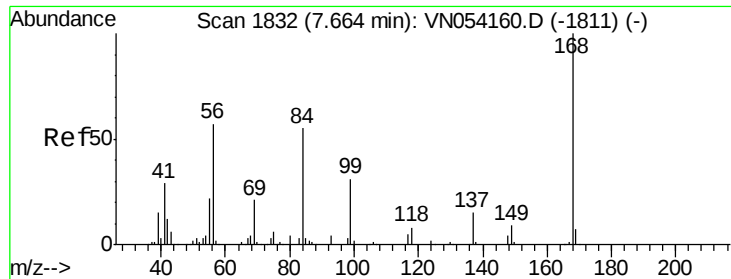
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
Data File : VN054257.D
Acq On : 14 Mar 2019 13:09
Operator : JC/SP
Sample : K1844-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Quant Time: Mar 15 07:21:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
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: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

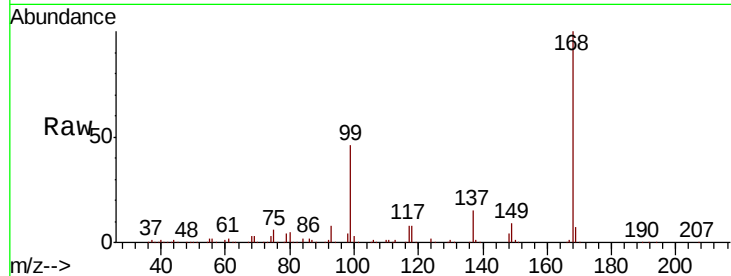
DRUM-1-4

Tgt Ion:168 Resp: 1366861

Ion Ratio Lower Upper

168 100

99 46.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054160.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN054160.D (-1811) (-)

7.67

600000

500000

400000

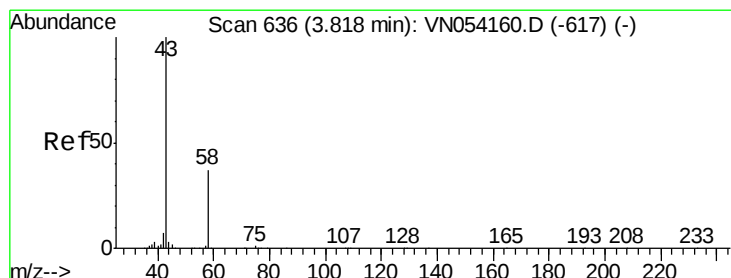
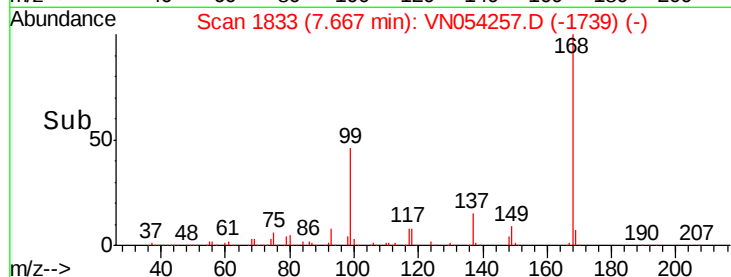
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 19.520 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054257.D

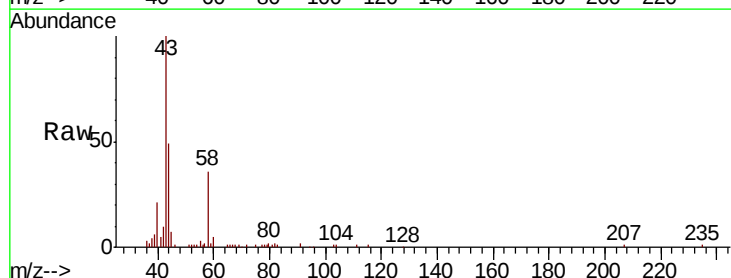
Acq: 14 Mar 2019 13:09

Tgt Ion: 43 Resp: 81132

Ion Ratio Lower Upper

43 100

58 38.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN054160.D (-617) (-)

3.82

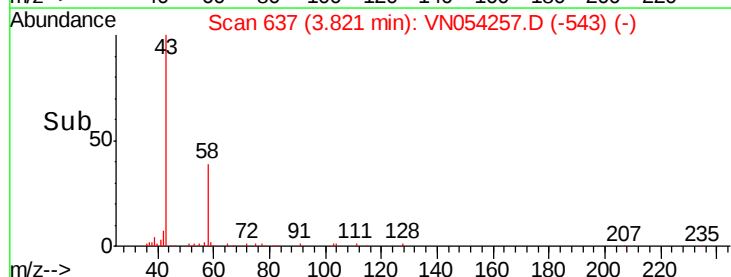
30000

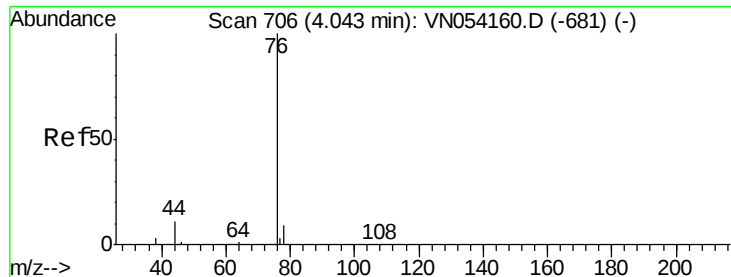
20000

10000

0

Time--> 3.75 3.80 3.85 3.90

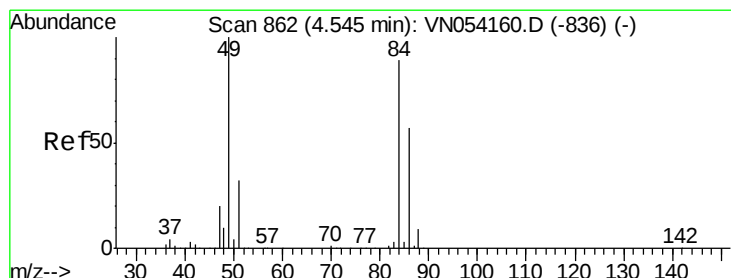
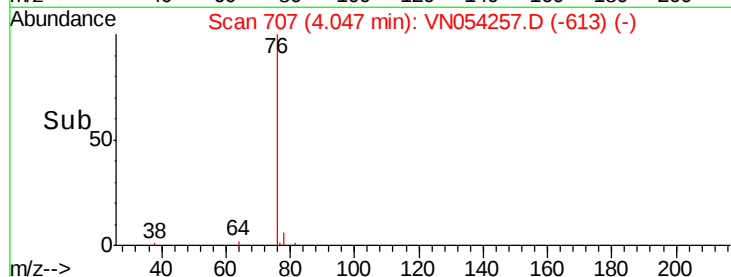
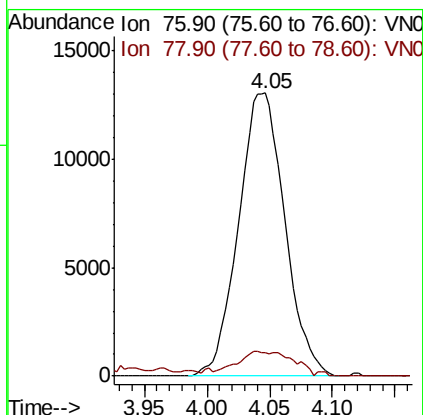
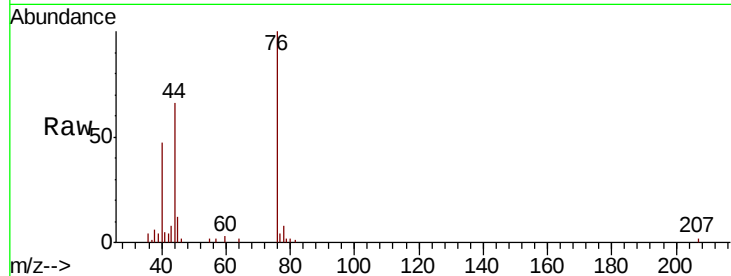




#17
Carbon Disulfide
Concen: 0.941 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

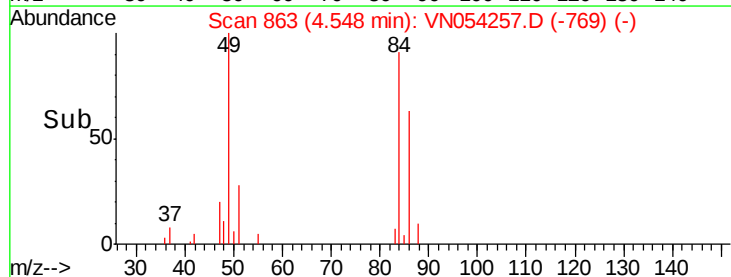
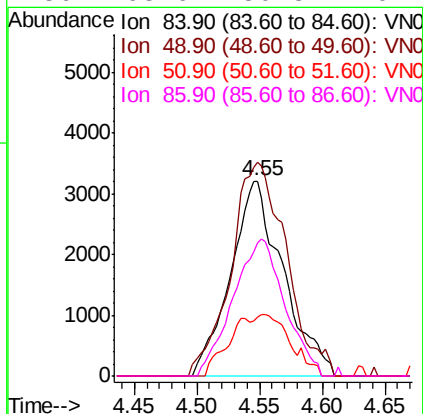
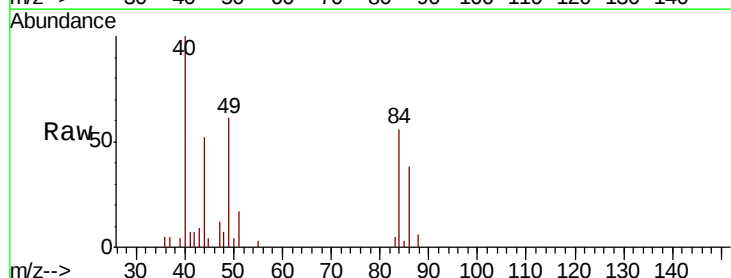
Instrument :
MSVOA_N
ClientSampled :
DRUM-1-4

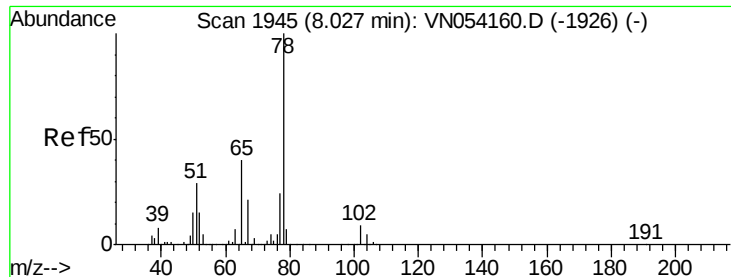
Tgt Ion: 76 Resp: 33498
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3



#20
Methylene Chloride
Concen: 0.683 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Tgt Ion: 84 Resp: 9326
Ion Ratio Lower Upper
84 100
49 109.8 89.7 134.5
51 30.5 28.2 42.4
86 68.6 50.8 76.2

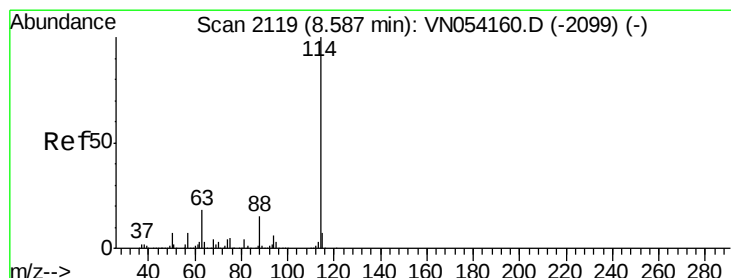
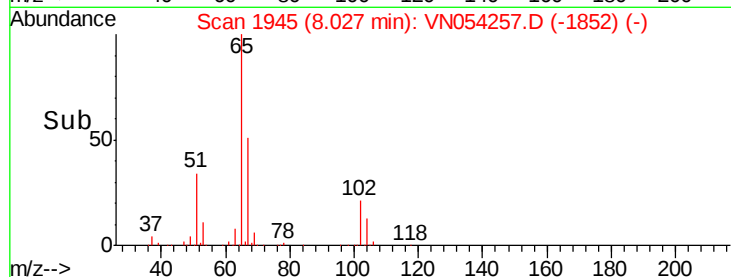
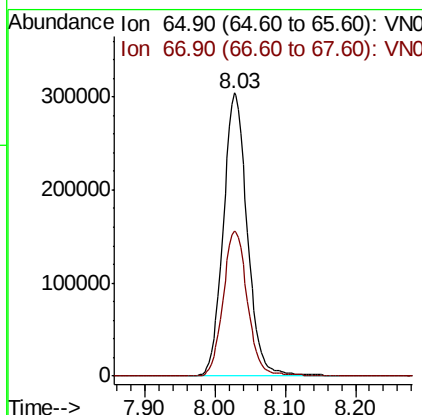
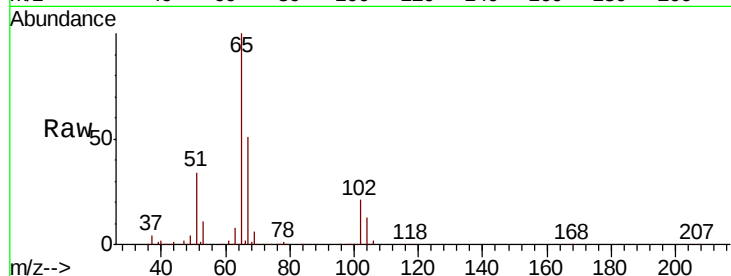




#33
 1,2-Dichloroethane-d4
 Concen: 49.988 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054257.D
 Acq: 14 Mar 2019 13:09

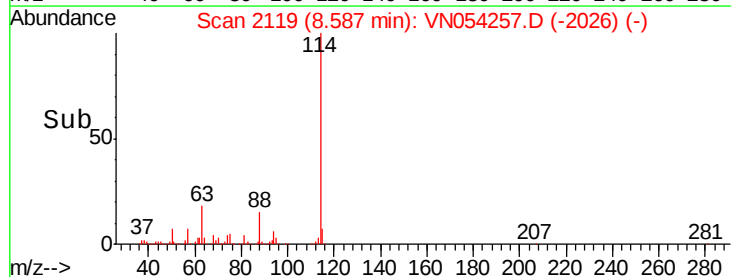
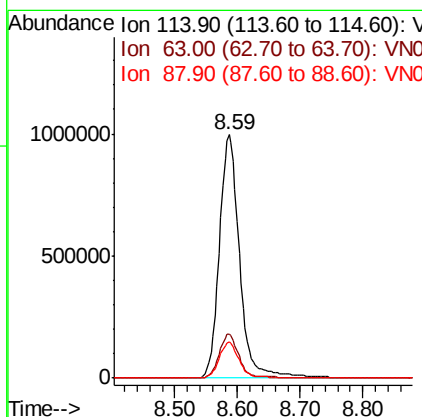
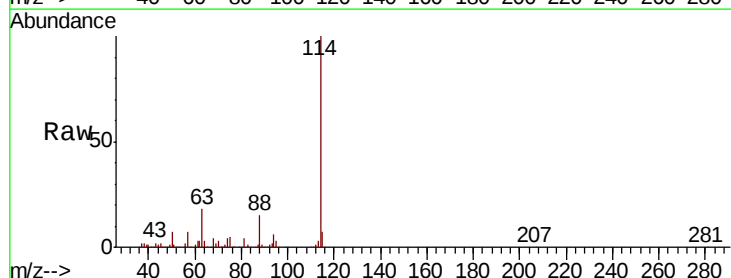
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

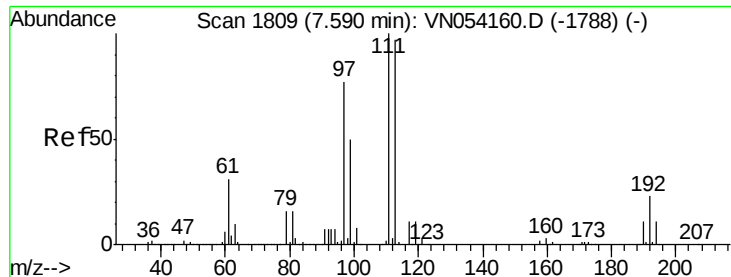
Tgt Ion: 65 Resp: 725627
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054257.D
 Acq: 14 Mar 2019 13:09

Tgt Ion: 114 Resp: 2234999
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 14.9 0.0 30.2

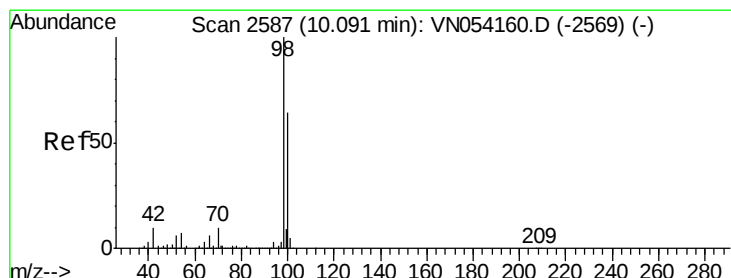
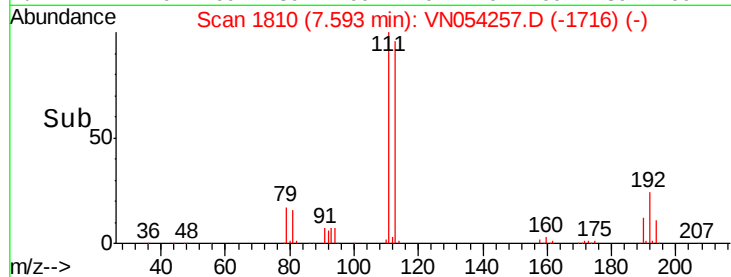
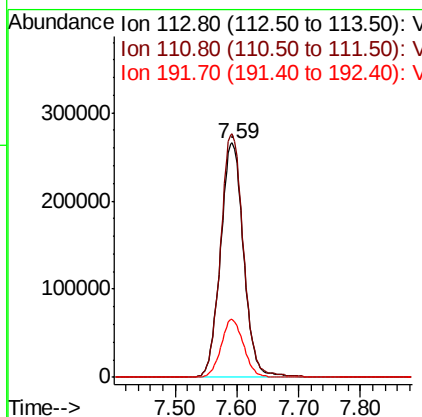
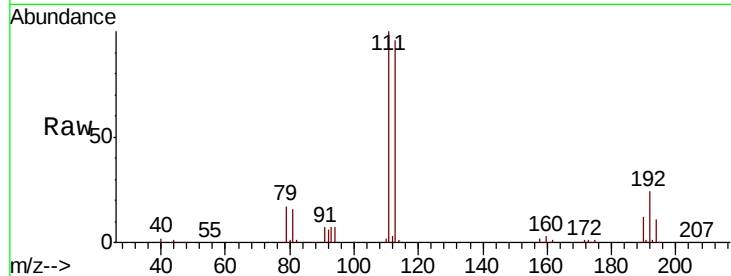




#35
 Dibromofluoromethane
 Concen: 47.760 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054257.D
 Acq: 14 Mar 2019 13:09

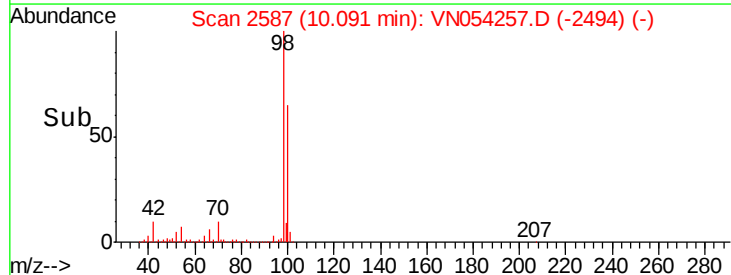
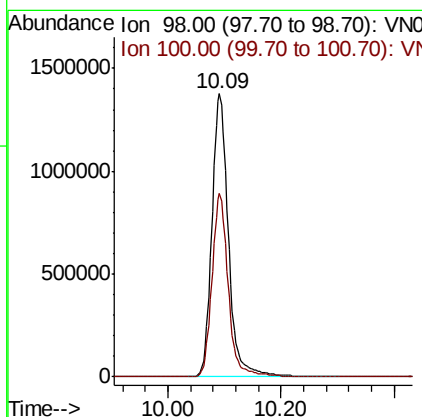
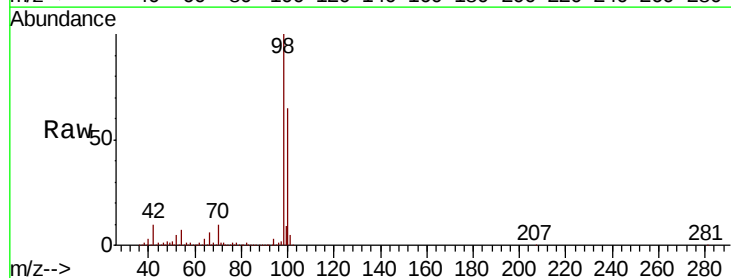
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

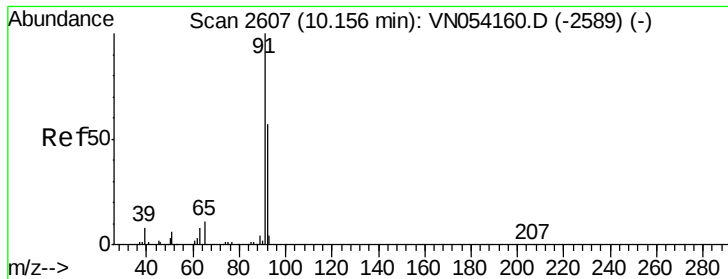
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	24.2	19.2	28.8



#50
 Toluene-d8
 Concen: 52.212 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN054257.D
 Acq: 14 Mar 2019 13:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8





#52

Toluene

Concen: 4.382 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

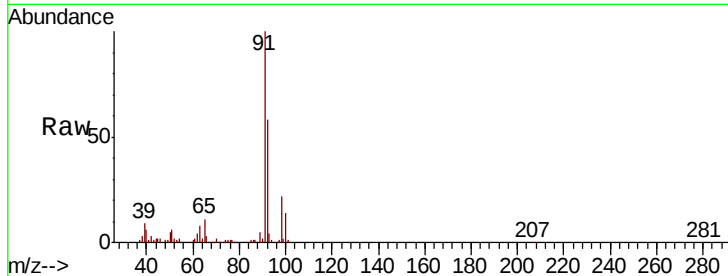
DRUM-1-4

Tgt Ion: 92 Resp: 163656

Ion Ratio Lower Upper

92 100

91 177.3 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

150000

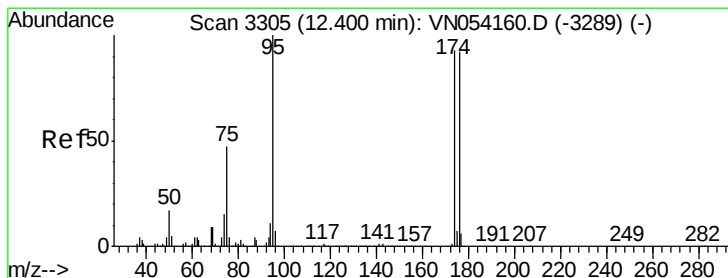
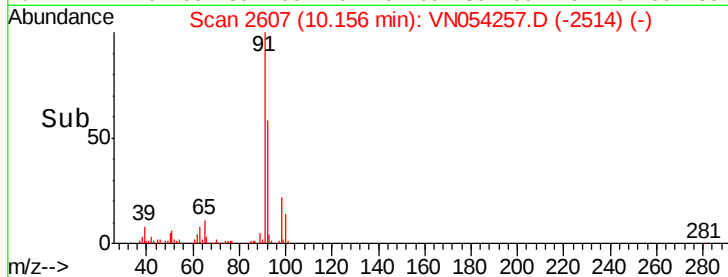
100000

50000

0

10.10 10.15 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 56.518 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

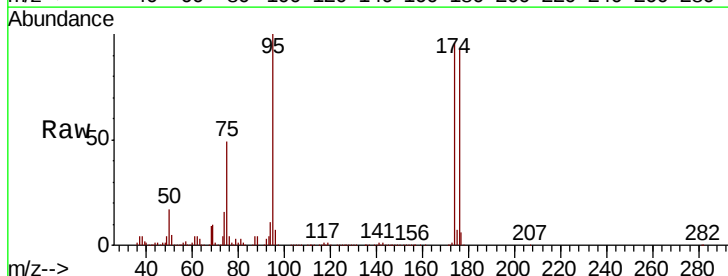
Tgt Ion: 95 Resp: 1052780

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.0

176 94.9 0.0 187.4



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

800000

600000

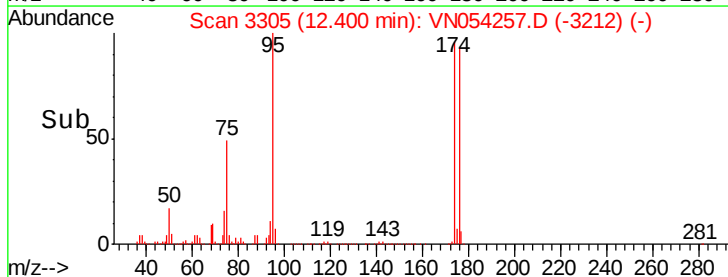
400000

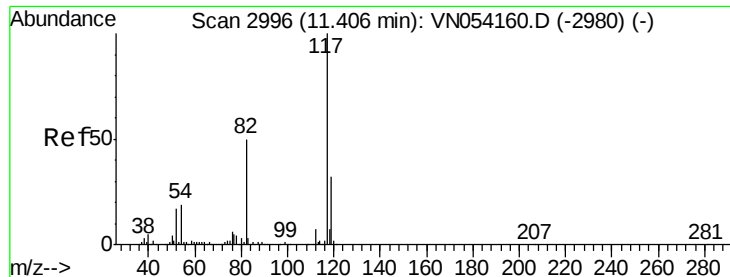
200000

0

12.30 12.40 12.50

Time-->

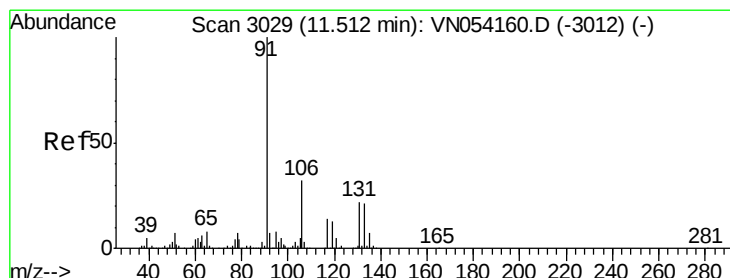
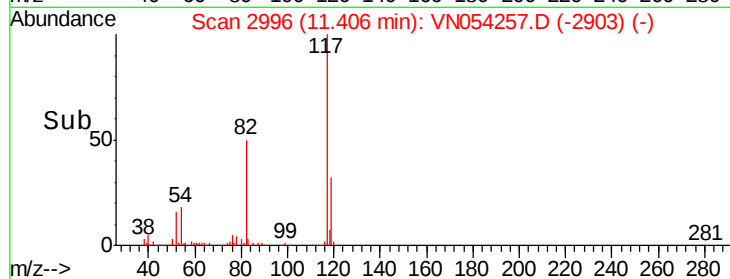
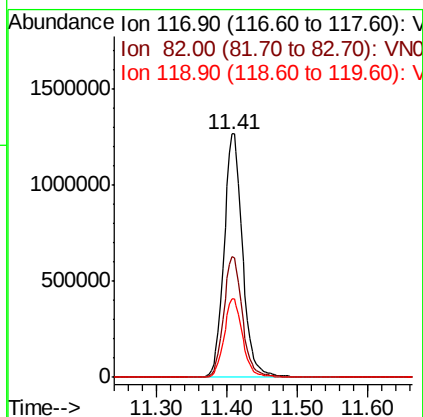
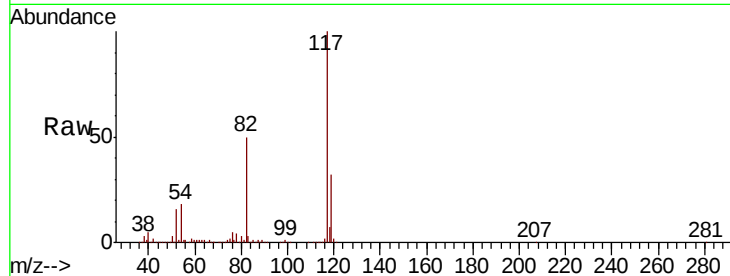




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

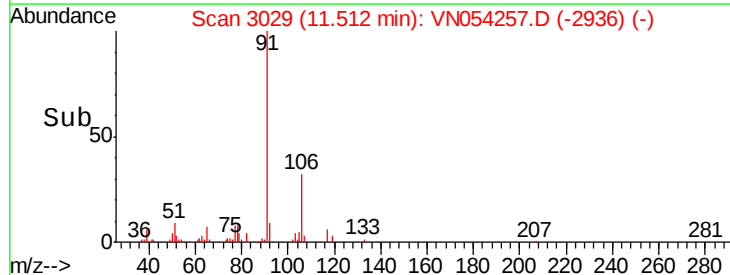
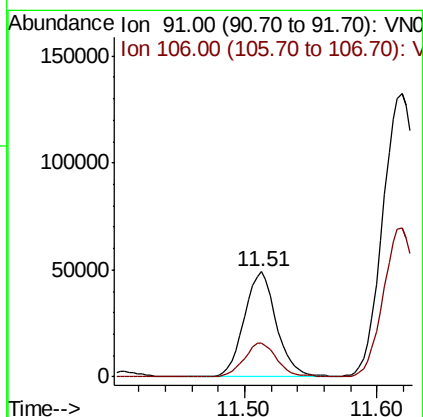
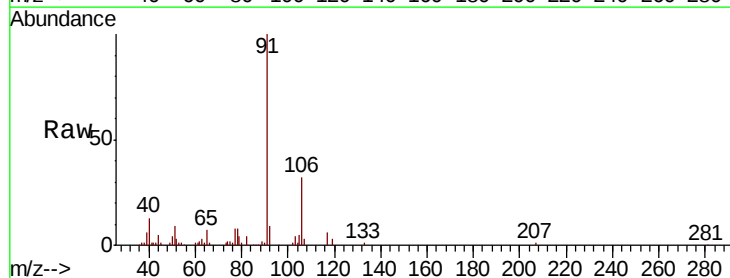
Instrument :
MSVOA_N
ClientSampled :
DRUM-1-4

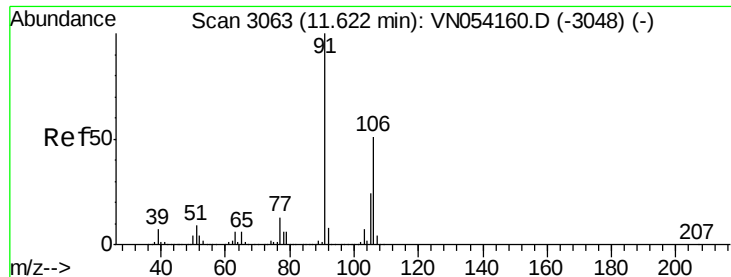
Tgt Ion:117 Resp: 2332697
Ion Ratio Lower Upper
117 100
82 49.8 40.0 60.0
119 32.1 25.8 38.6



#67
Ethyl Benzene
Concen: 0.984 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Tgt Ion: 91 Resp: 83545
Ion Ratio Lower Upper
91 100
106 32.4 25.5 38.3

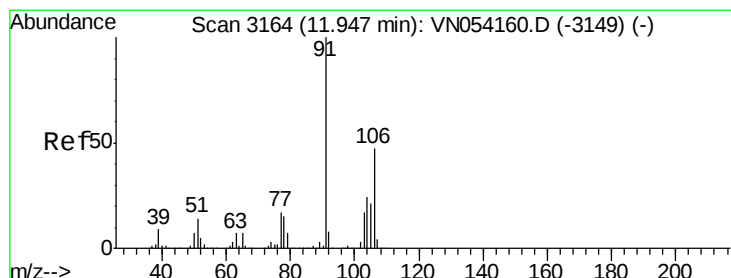
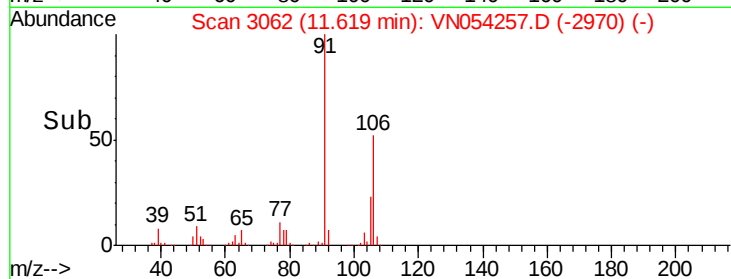
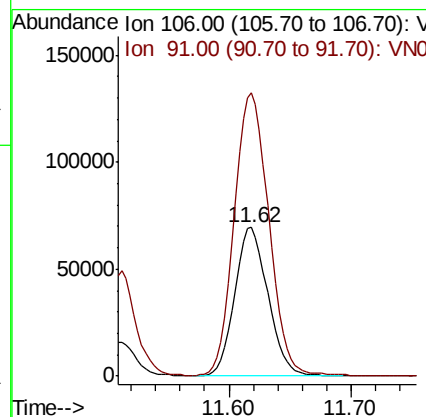
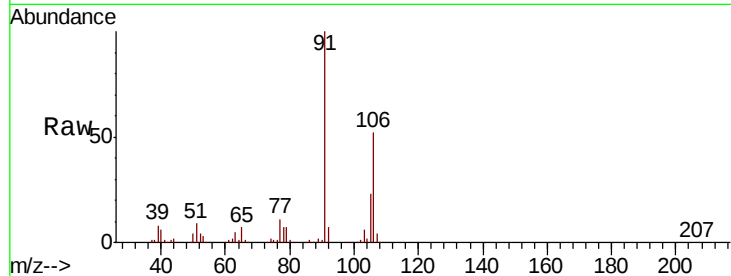




#68
m/p-Xylenes
Concen: 3.988 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

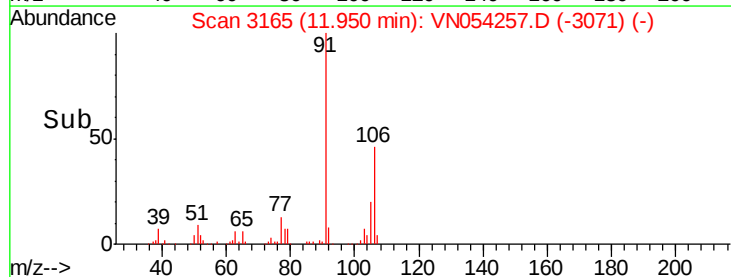
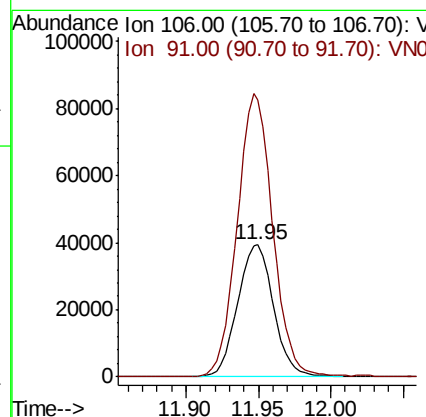
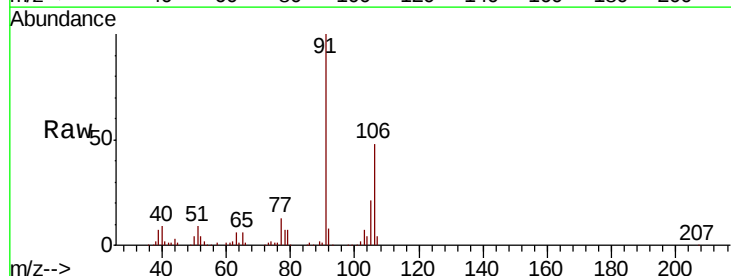
Instrument :
MSVOA_N
ClientSampled :
DRUM-1-4

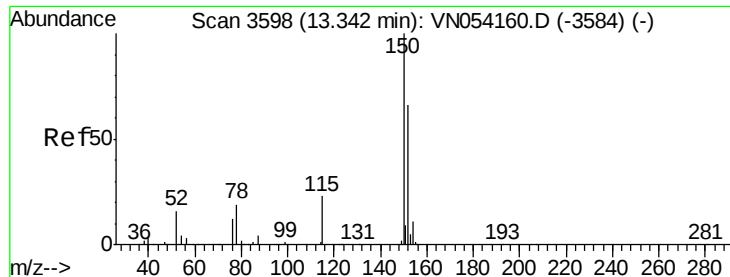
Tgt Ion:106 Resp: 132337
Ion Ratio Lower Upper
106 100
91 197.2 159.4 239.2



#69
o-Xylene
Concen: 2.096 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Tgt Ion:106 Resp: 67792
Ion Ratio Lower Upper
106 100
91 211.8 105.7 317.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

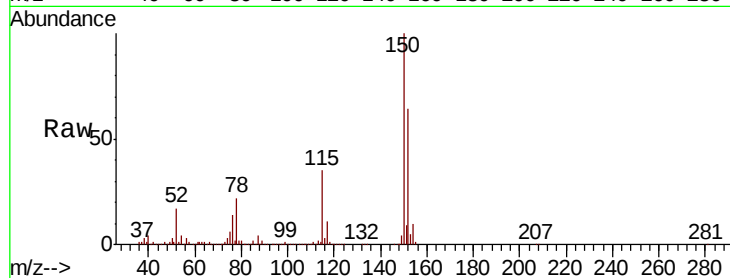
Tgt Ion:152 Resp: 1002527

Ion Ratio Lower Upper

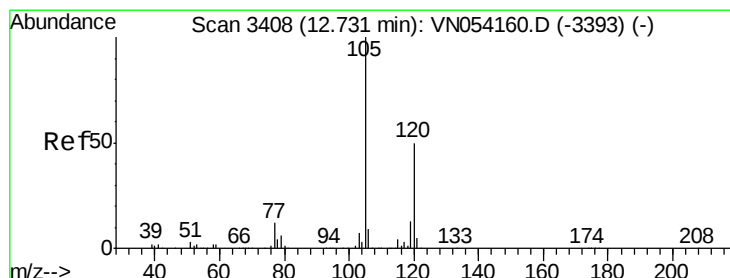
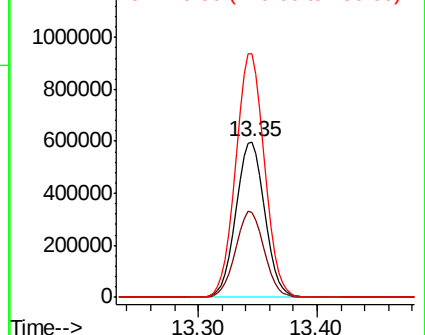
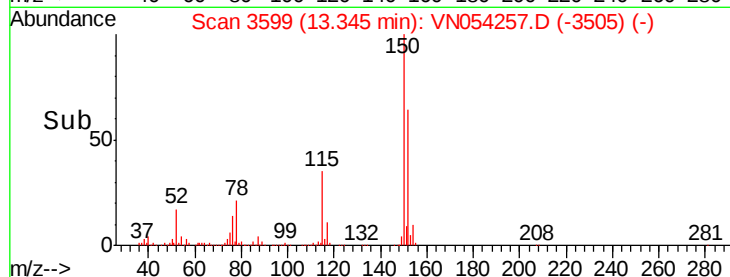
152 100

115 54.9 27.2 81.6

150 156.3 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 0.345 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054257.D

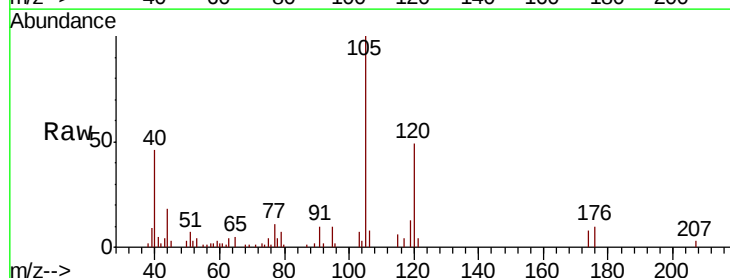
Acq: 14 Mar 2019 13:09

Tgt Ion:105 Resp: 23047

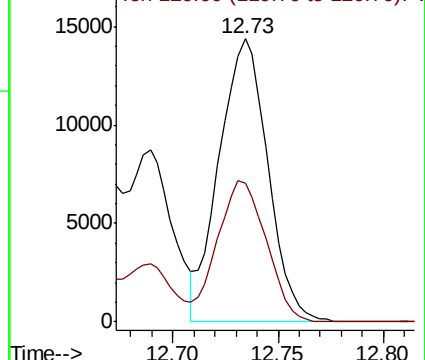
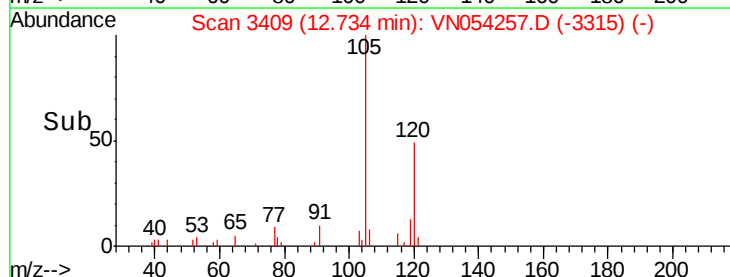
Ion Ratio Lower Upper

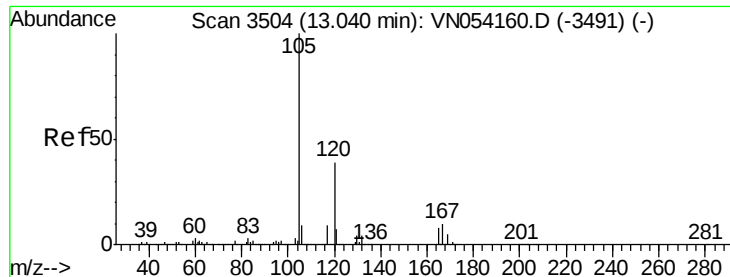
105 100

120 50.0 25.0 75.0



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: 0.983 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

Instrument :

MSVOA_N

ClientSampleId :

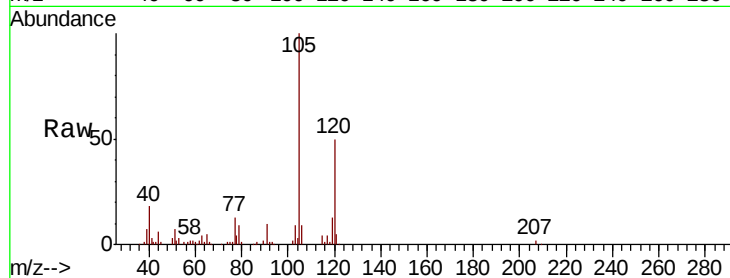
DRUM-1-4

Tgt Ion:105 Resp: 64309

Ion Ratio Lower Upper

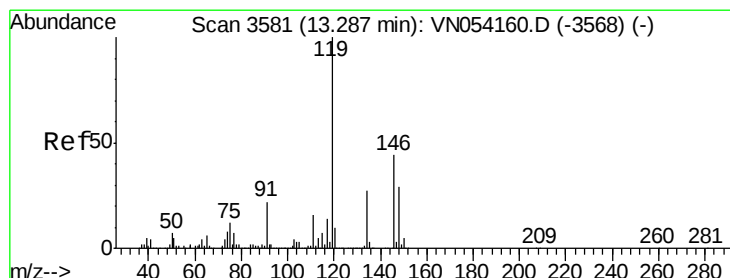
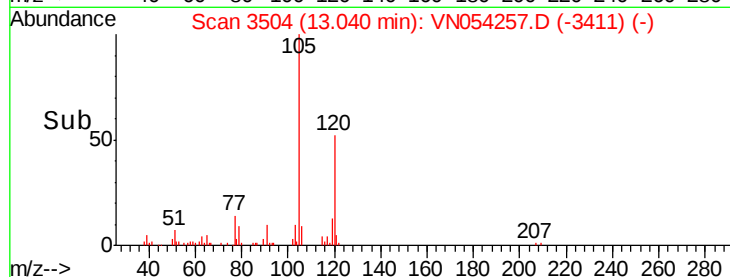
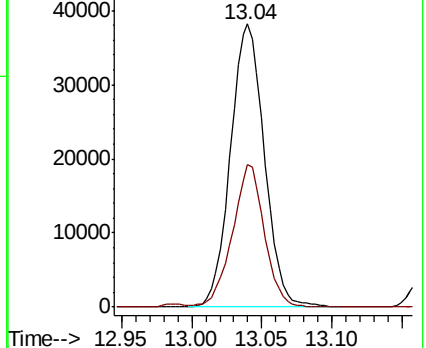
105 100

120 47.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 0.331 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN054257.D

Acq: 14 Mar 2019 13:09

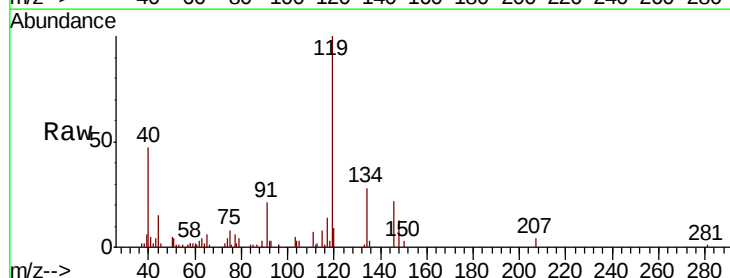
Tgt Ion:119 Resp: 23134

Ion Ratio Lower Upper

119 100

134 28.6 13.6 40.8

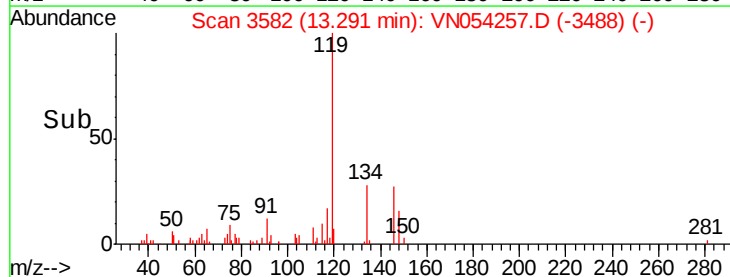
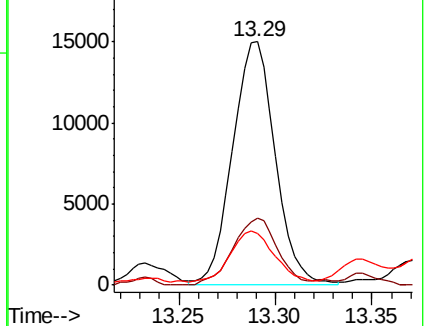
91 21.1 11.1 33.3

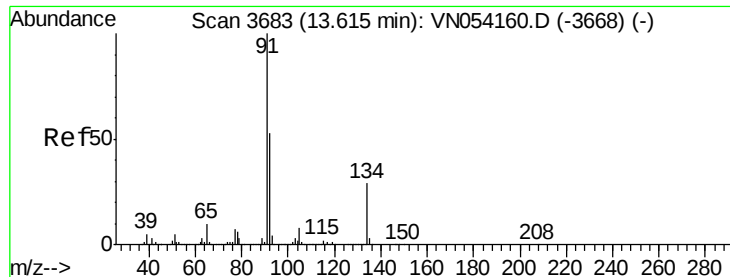


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

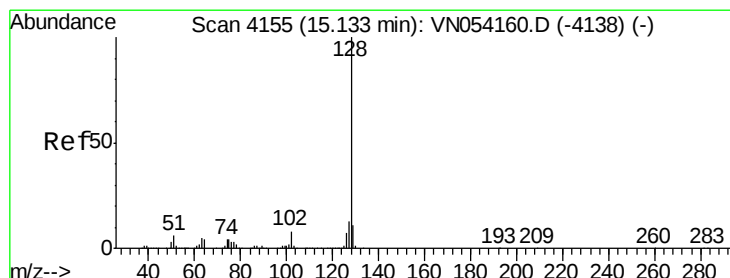
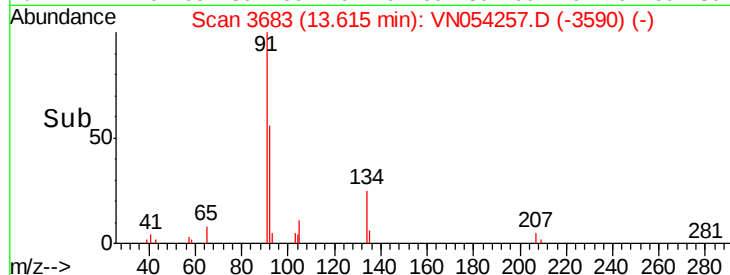
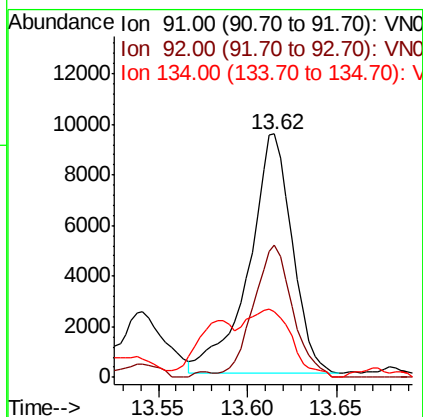
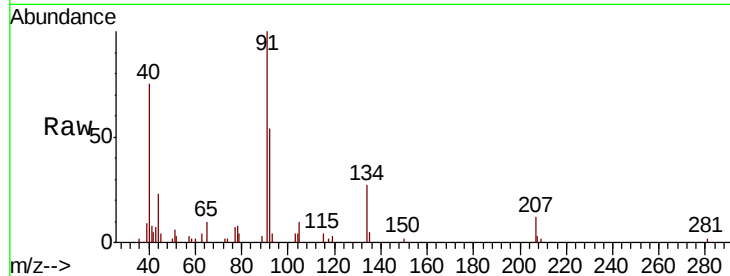




#89
n-Butylbenzene
Concen: 0.303 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Tgt Ion: 91 Resp: 16070
Ion Ratio Lower Upper
91 100
92 50.0 26.2 78.6
134 28.8 14.3 42.9



#95
Naphthalene
Concen: 4.398 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054257.D
Acq: 14 Mar 2019 13:09

Tgt Ion: 128 Resp: 43862
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 9.8 8.7 13.1

