

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054303.D
 Acq On : 15 Mar 2019 10:57
 Operator : JC/SP
 Sample : K1902-14 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30296-97-30304-05-06

Quant Time: Mar 15 18:50:14 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

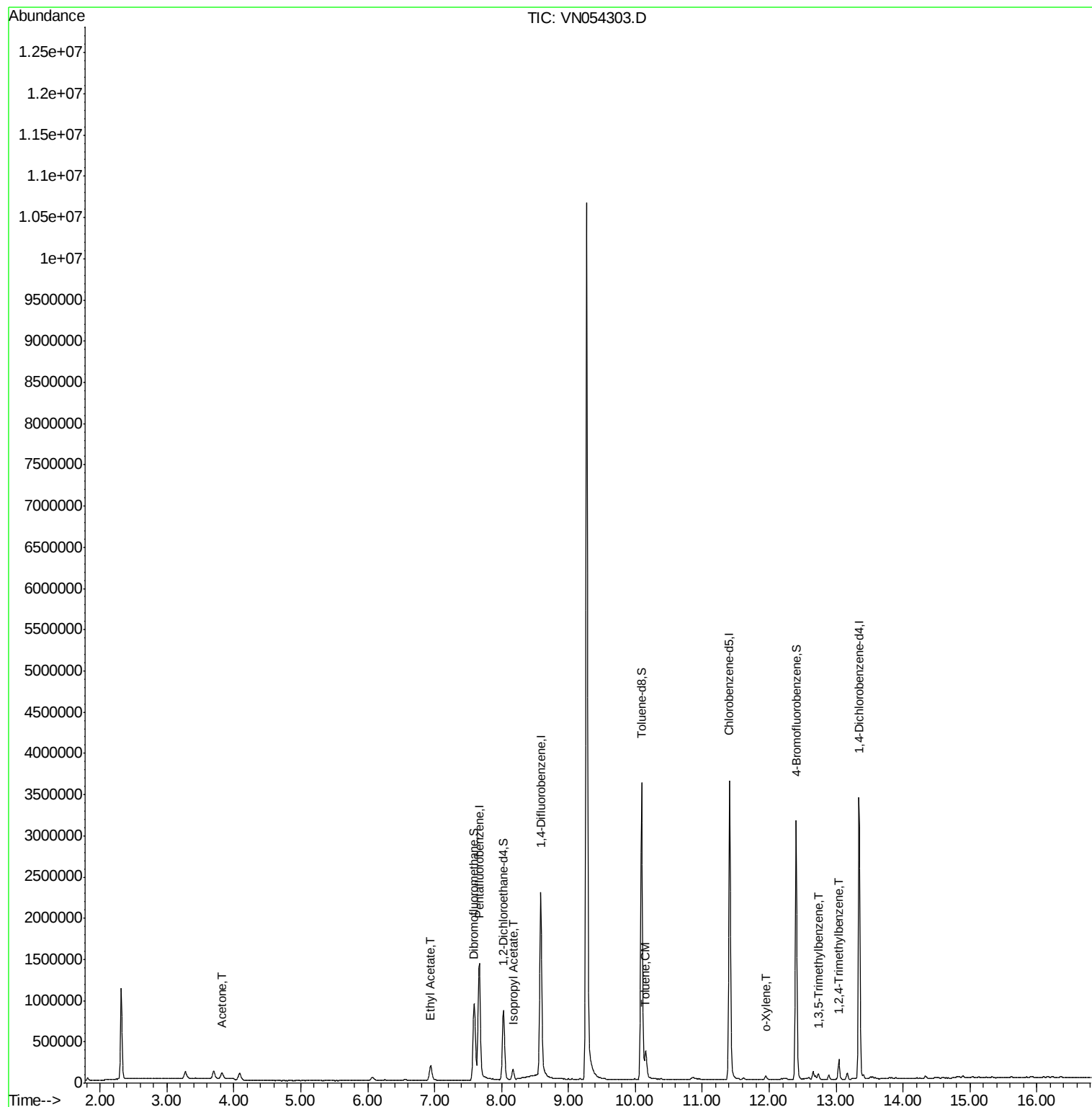
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1371750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2376494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2463112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1018173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	732742	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	7.59	113	720340	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	10.09	98	2913819	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.40	95	1107991	55.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.88%	
Target Compounds						
16) Acetone	3.82	43	115455	27.679	ug/l	98
37) Ethyl Acetate	6.94	43	294779	23.441	ug/l #	95
43) Isopropyl Acetate	8.17	43	142780	6.469	ug/l	96
52) Toluene	10.16	92	128762	3.243	ug/l	97
69) o-Xylene	11.95	106	11770	0.345	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	34708	0.512	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	148160	2.229	ug/l	100

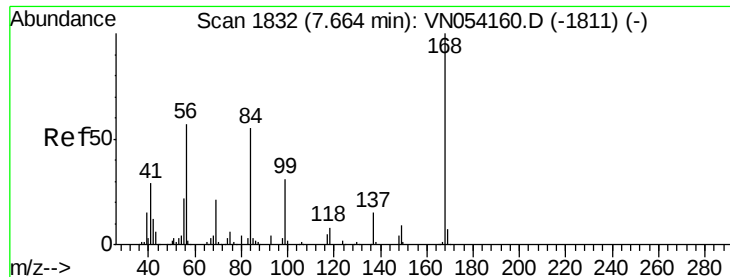
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
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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: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

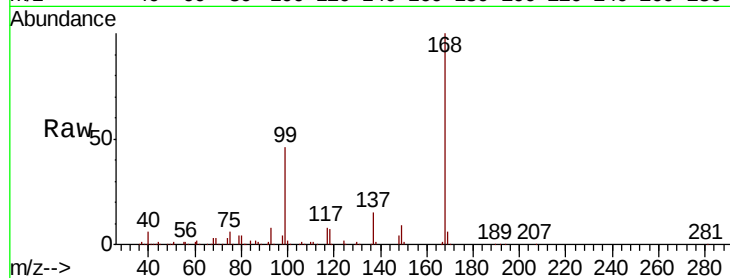
30296-97-30304-05-06

Tgt Ion:168 Resp: 1371750

Ion Ratio Lower Upper

168 100

99 45.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054303.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN054303.D (-1739) (-)

7.67

600000

500000

400000

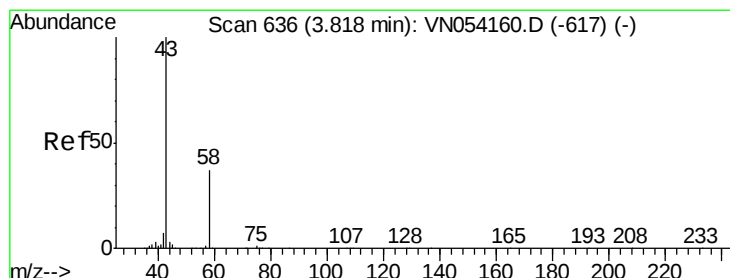
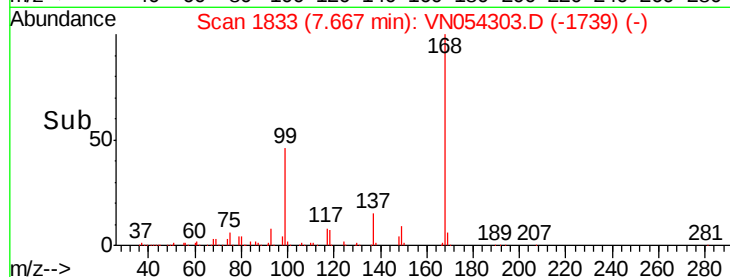
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 27.679 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054303.D

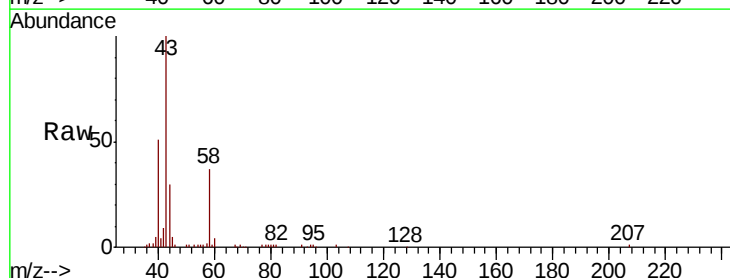
Acq: 15 Mar 2019 10:57

Tgt Ion: 43 Resp: 115455

Ion Ratio Lower Upper

43 100

58 38.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN054303.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN054303.D (-543) (-)

3.82

60000

50000

40000

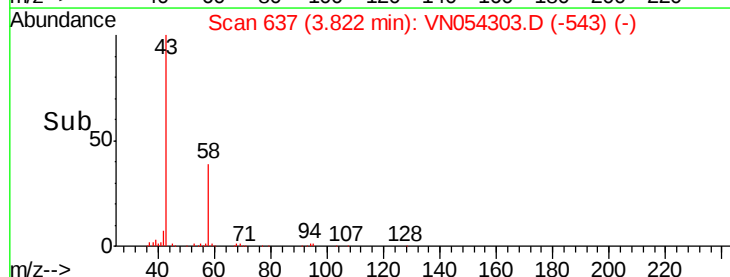
30000

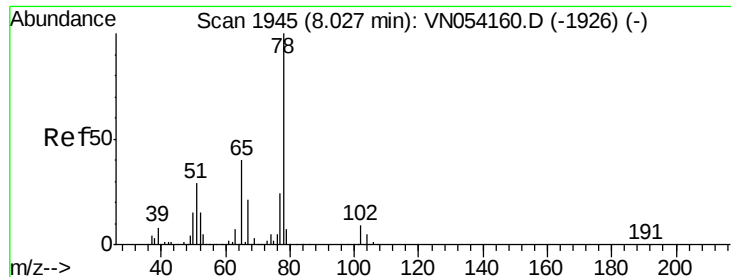
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.298 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

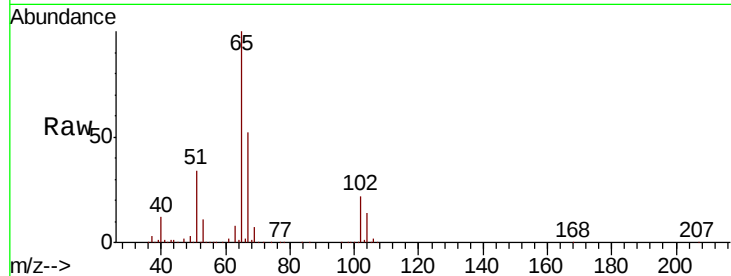
30296-97-30304-05-06

Tgt Ion: 65 Resp: 732742

Ion Ratio Lower Upper

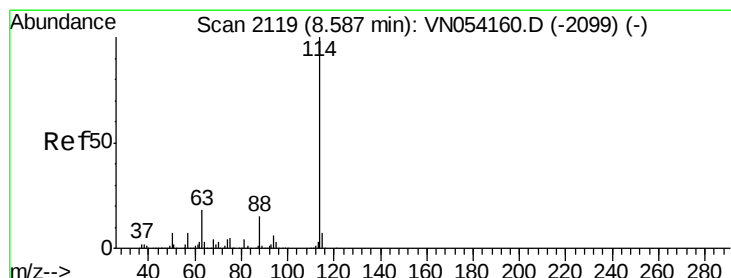
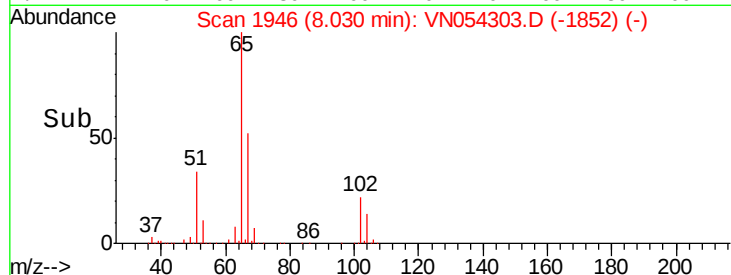
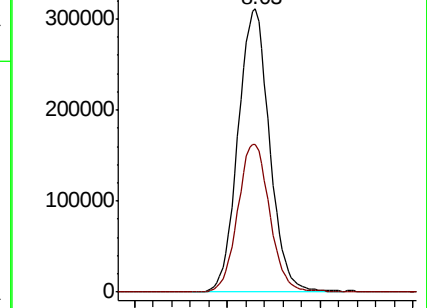
65 100

67 52.8 0.0 104.6



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: VN054303.D

Acq: 15 Mar 2019 10:57

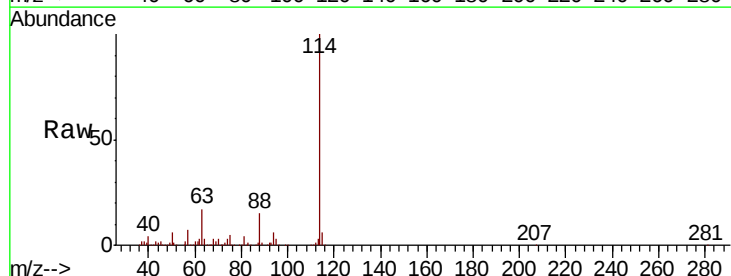
Tgt Ion: 114 Resp: 2376494

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

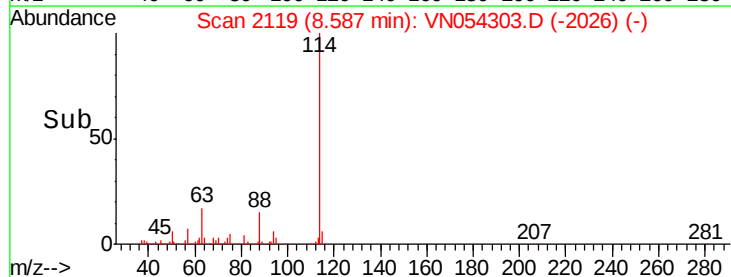
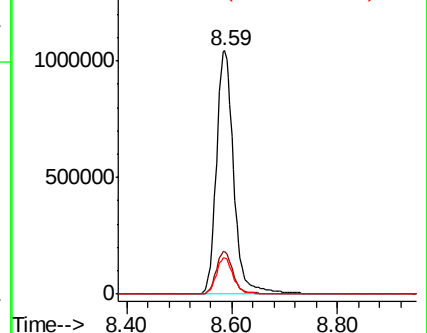
88 14.7 0.0 30.2

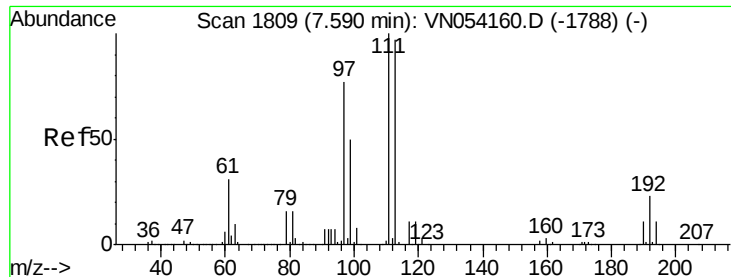


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

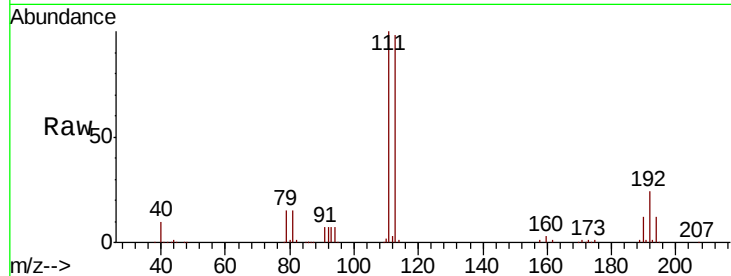




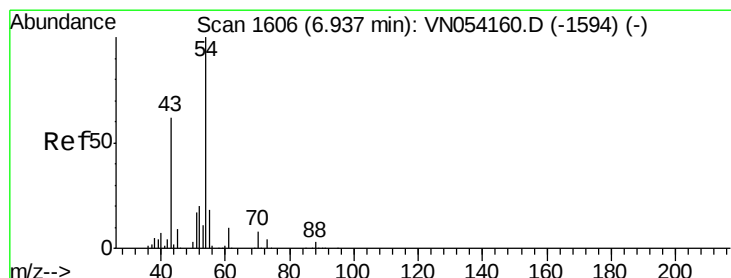
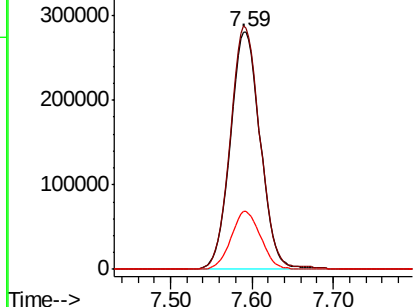
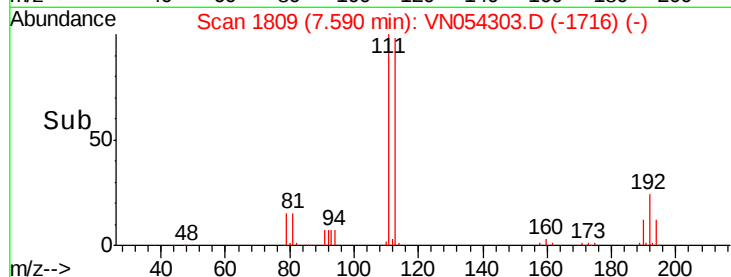
#35
 Dibromofluoromethane
 Concen: 46.997 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054303.D
 Acq: 15 Mar 2019 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 30296-97-30304-05-06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	24.1	19.2	28.8

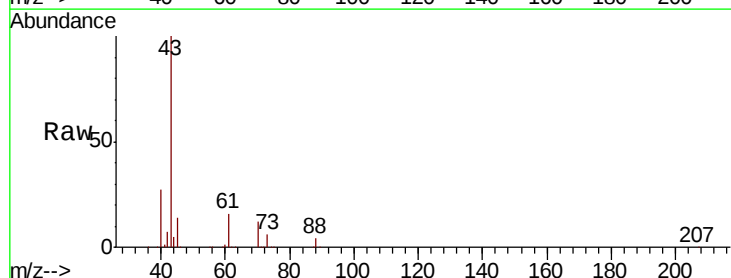


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

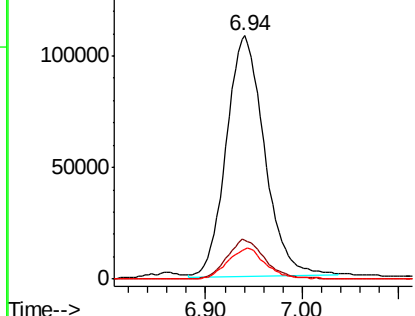
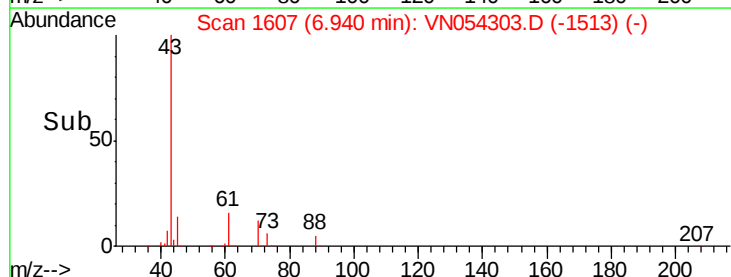


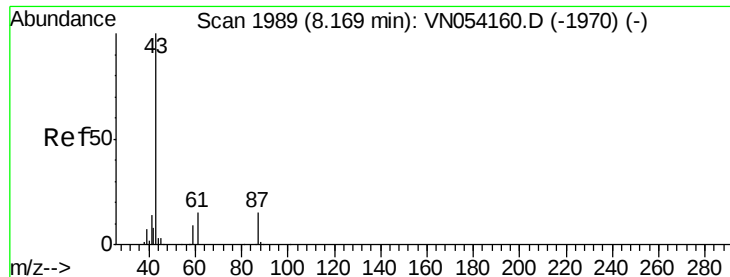
#37
 Ethyl Acetate
 Concen: 23.441 ug/l
 RT: 6.94 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: VN054303.D
 Acq: 15 Mar 2019 10:57

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.4	11.8	17.6
70	12.8	8.4	12.6



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 60.90 (60.60 to 61.60): VNO
 Ion 70.00 (69.70 to 70.70): VNO





#43

Isopropyl Acetate

Concen: 6.469 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

30296-97-30304-05-06

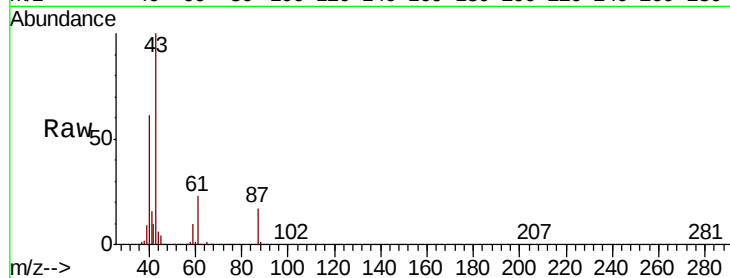
Tgt Ion: 43 Resp: 142780

Ion Ratio Lower Upper

43 100

61 22.5 15.8 23.8

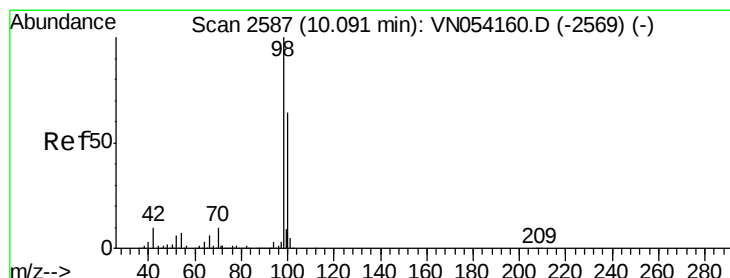
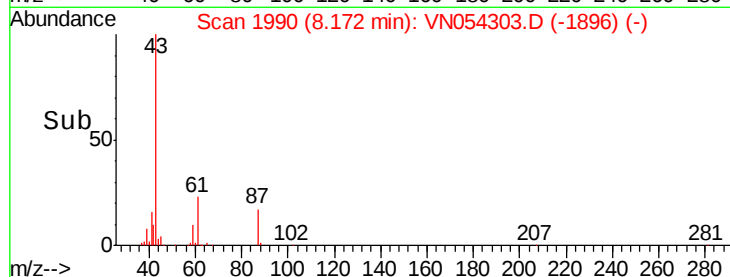
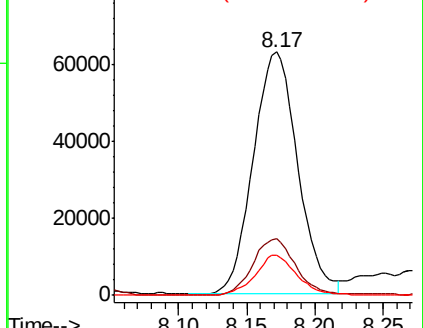
87 15.8 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054160.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN054160.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN054160.D (-1970) (-)



#50

Toluene-d8

Concen: 51.475 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054303.D

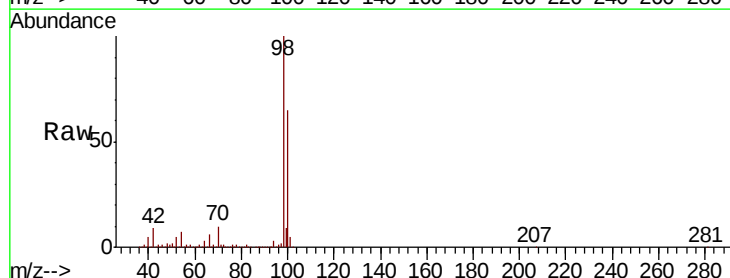
Acq: 15 Mar 2019 10:57

Tgt Ion: 98 Resp: 2913819

Ion Ratio Lower Upper

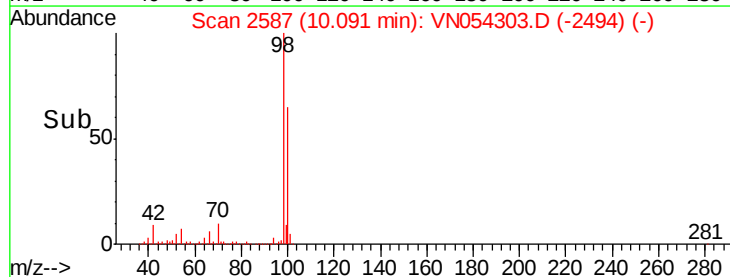
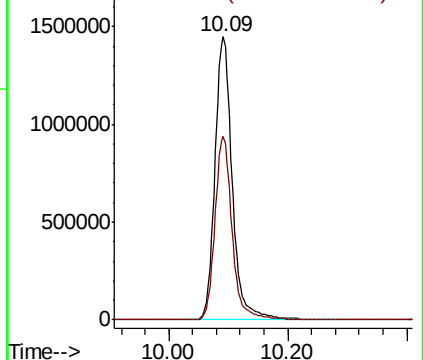
98 100

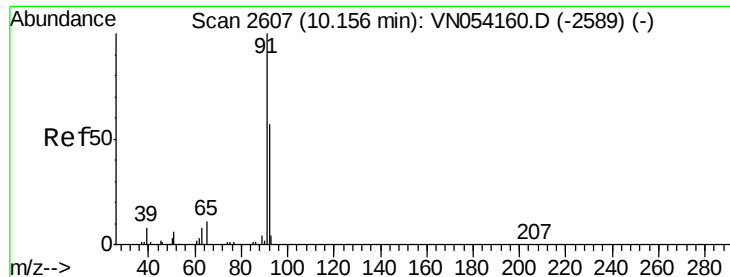
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054160.D (-2569) (-)





#52

Toluene

Concen: 3.243 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

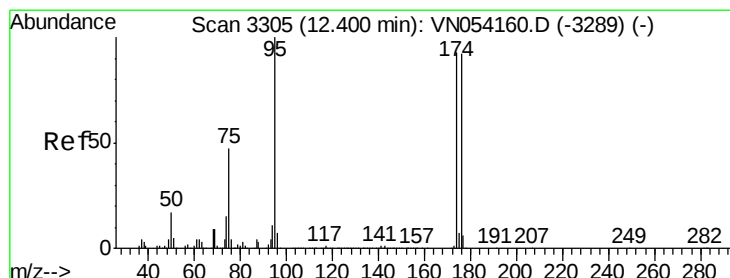
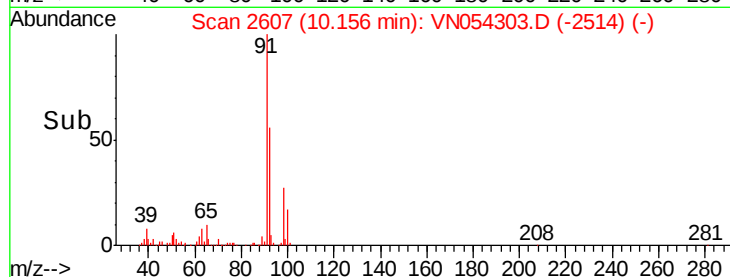
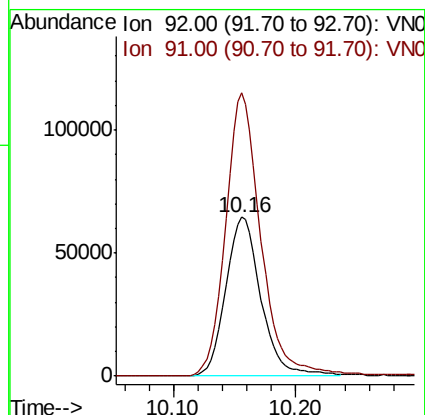
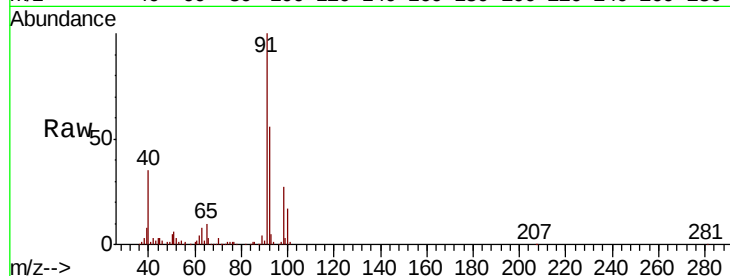
30296-97-30304-05-06

Tgt Ion: 92 Resp: 128762

Ion Ratio Lower Upper

92 100

91 180.6 140.7 211.1



#62

4-Bromofluorobenzene

Concen: 55.940 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

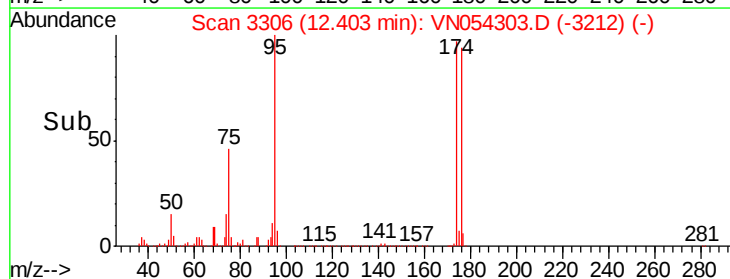
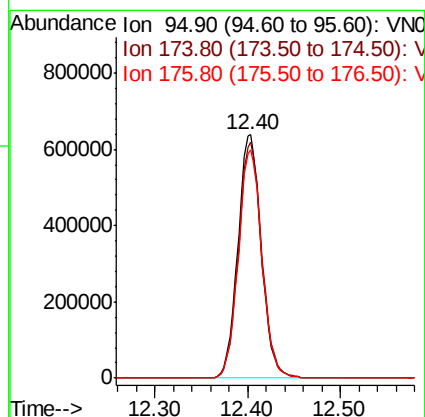
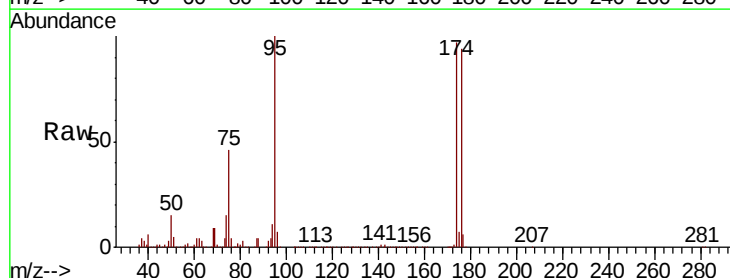
Tgt Ion: 95 Resp: 1107991

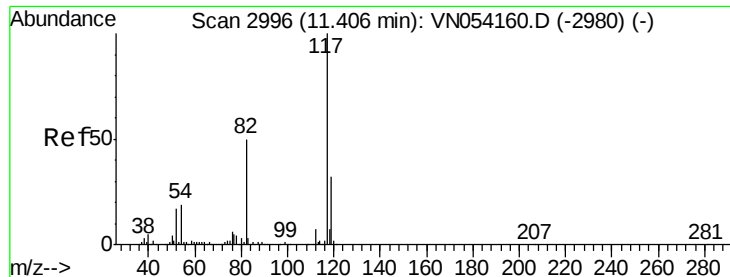
Ion Ratio Lower Upper

95 100

174 97.9 0.0 191.0

176 94.5 0.0 187.4

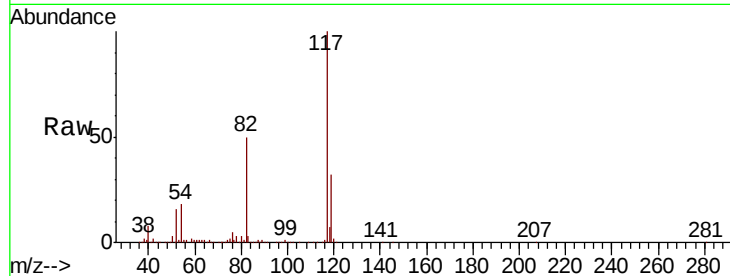




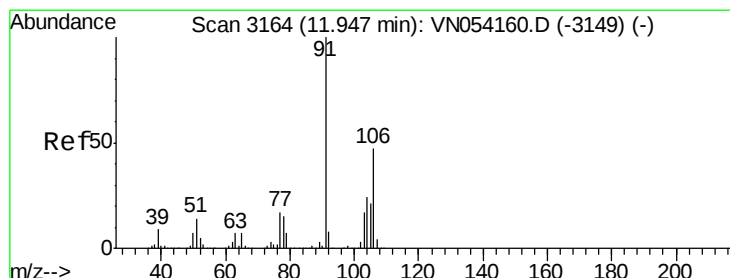
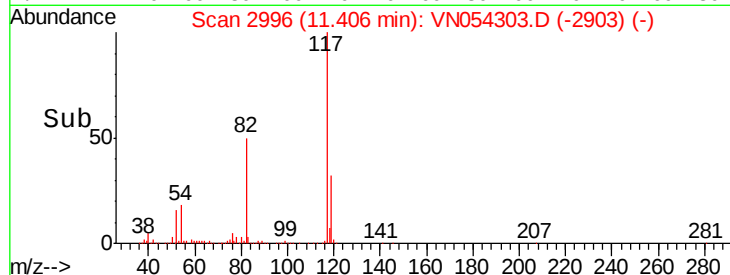
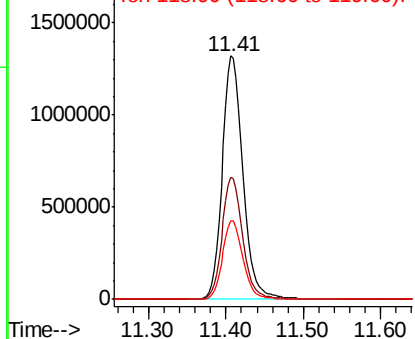
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054303.D
Acq: 15 Mar 2019 10:57

Instrument :
MSVOA_N
ClientSampleId :
30296-97-30304-05-06

Tgt Ion:117 Resp: 2463112
Ion Ratio Lower Upper
117 100
82 50.2 40.0 60.0
119 32.3 25.8 38.6

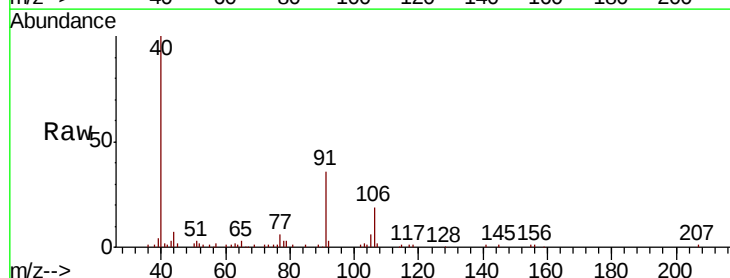


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

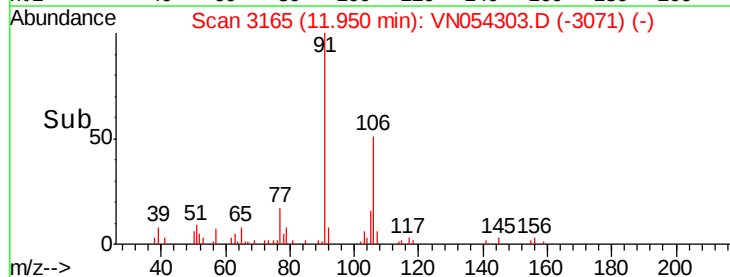
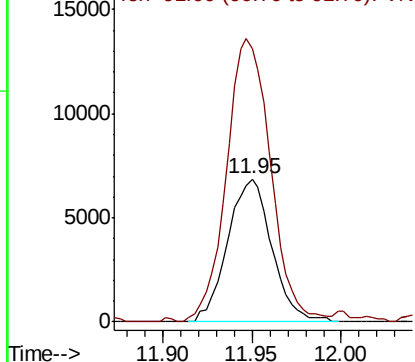


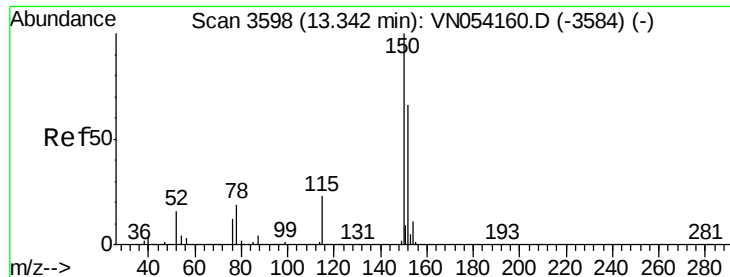
#69
o-Xylene
Concen: 0.345 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054303.D
Acq: 15 Mar 2019 10:57

Tgt Ion:106 Resp: 11770
Ion Ratio Lower Upper
106 100
91 199.0 105.7 317.1



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054303.D

Acq: 15 Mar 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

30296-97-30304-05-06

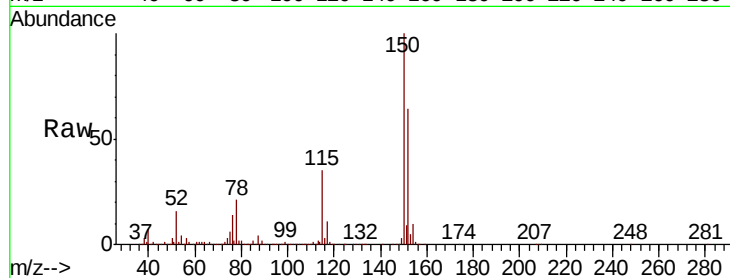
Tgt Ion:152 Resp: 1018173

Ion Ratio Lower Upper

152 100

115 54.2 27.2 81.6

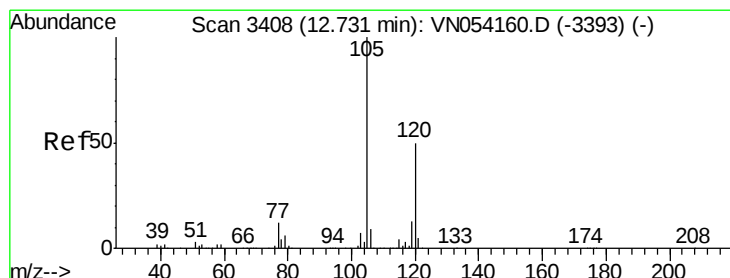
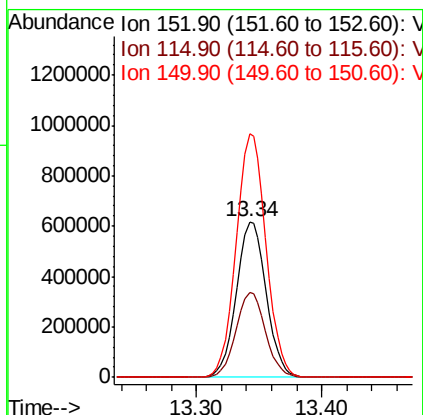
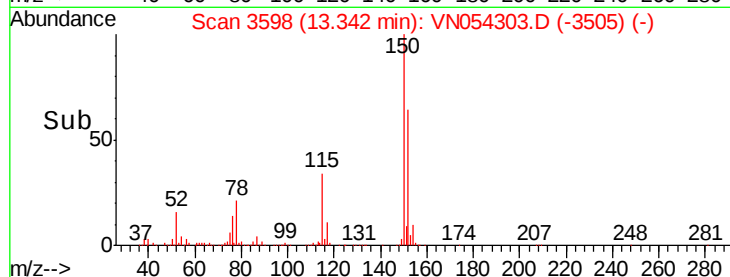
150 156.8 0.0 349.2



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: 0.512 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054303.D

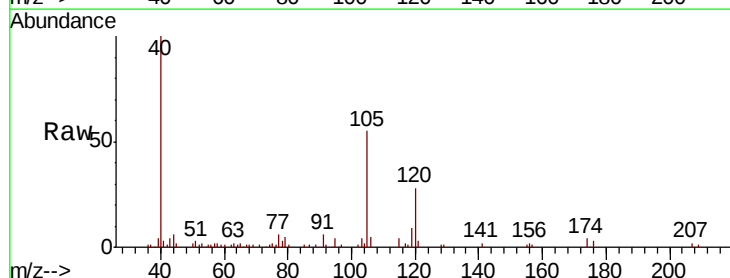
Acq: 15 Mar 2019 10:57

Tgt Ion:105 Resp: 34708

Ion Ratio Lower Upper

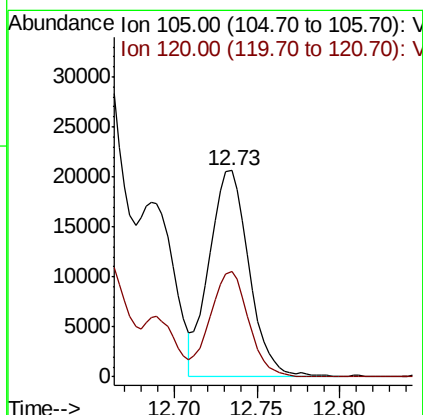
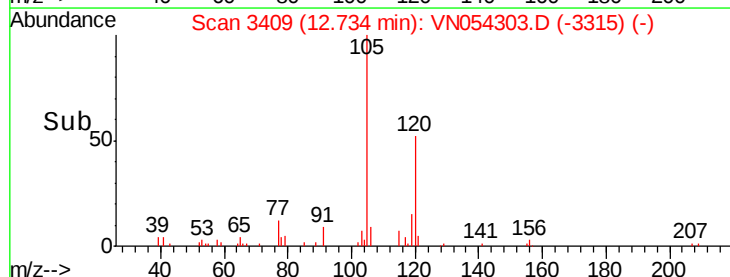
105 100

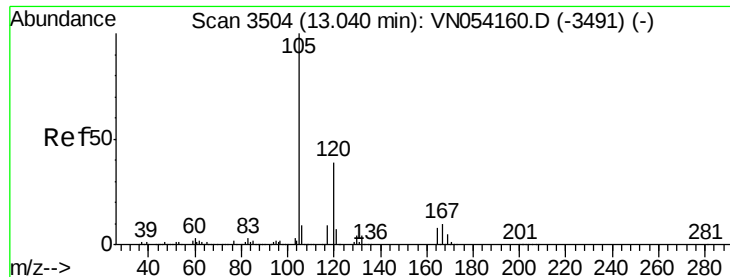
120 49.1 25.0 75.0



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: 2.229 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054303.D
 Acq: 15 Mar 2019 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 30296-97-30304-05-06

Tgt Ion:105 Resp: 148160
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.3

