

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049339.D
 Acq On : 18 Jun 2018 13:29
 Operator : MD\SY
 Sample : J3524-03ME
 Misc : 5.02g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AREA-3(D)ME

Quant Time: Jun 19 12:44:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1213109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1839832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1600120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	744986	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	762468	47.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.78%	
35) Dibromofluoromethane	7.59	113	677635	45.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.04%	
50) Toluene-d8	10.09	98	2558532	45.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.28%	
62) 4-Bromofluorobenzene	12.40	95	821724	43.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.70%	

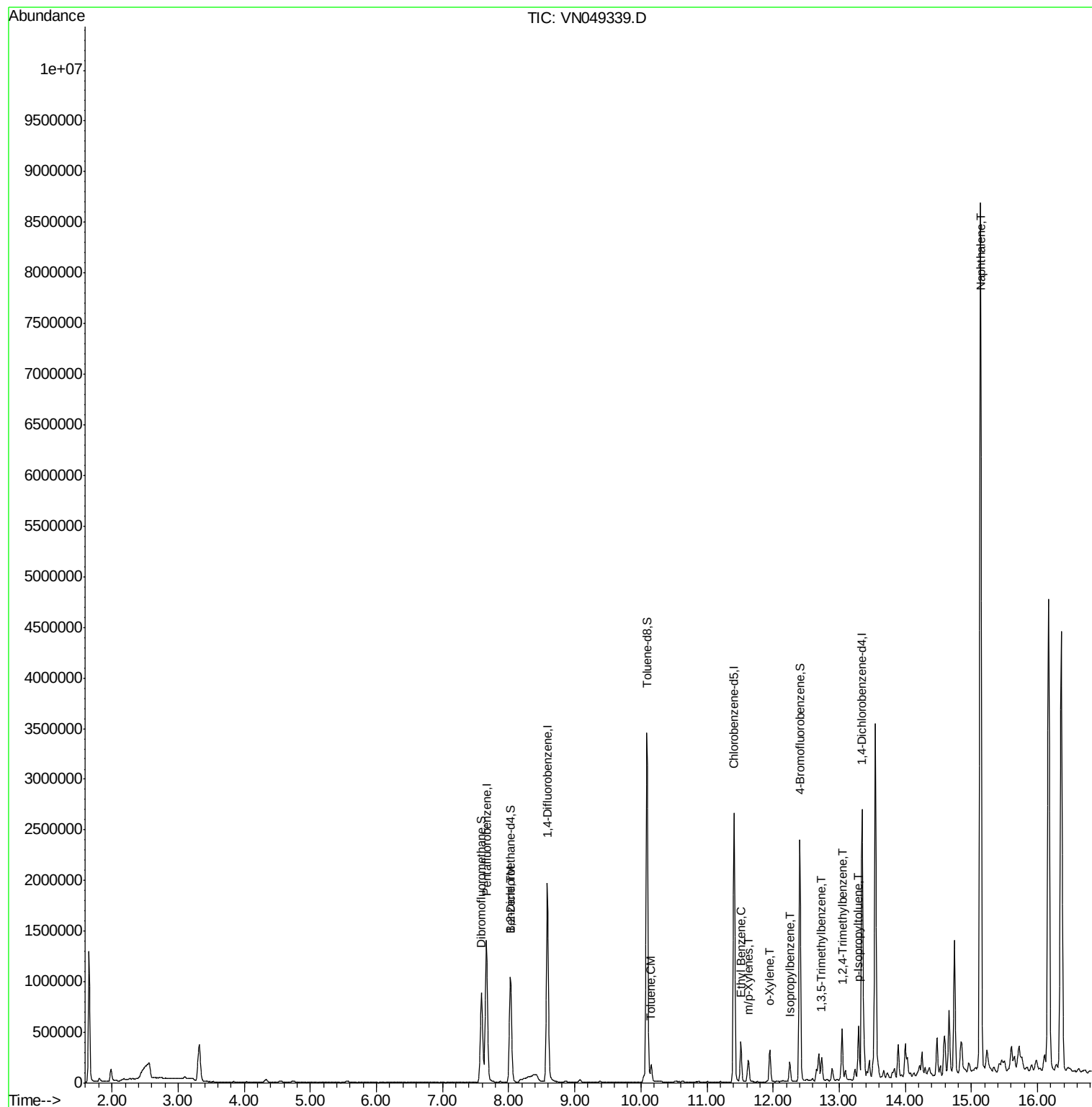
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	8.04	78	198595	3.072	ug/l	93
52) Toluene	10.16	92	62117	1.637	ug/l	96
67) Ethyl Benzene	11.51	91	288343	4.217	ug/l	99
68) m/p-Xylenes	11.63	106	66592	2.595	ug/l	97
69) o-Xylene	11.95	106	85373	3.454	ug/l	96
73) Isopropylbenzene	12.25	105	67350	1.030	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	107489	2.091	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	289397	5.666	ug/l	97
86) p-Isopropyltoluene	13.29	119	294510	5.815	ug/l	98
95) Naphthalene	15.14	128	7419435	218.466	ug/l	99

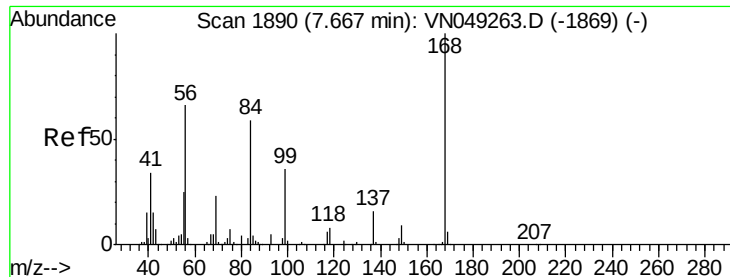
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061818\
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Quant Time: Jun 19 12:44:02 2018
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

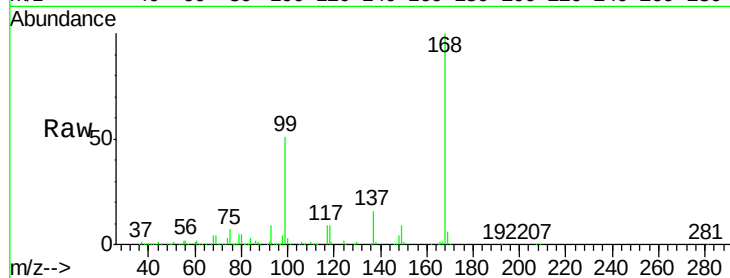
AREA-3(D)ME

Tot Ion:168 Resp: 1213109

Ion Ratio Lower Upper

168 100

99 51.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

500000

400000

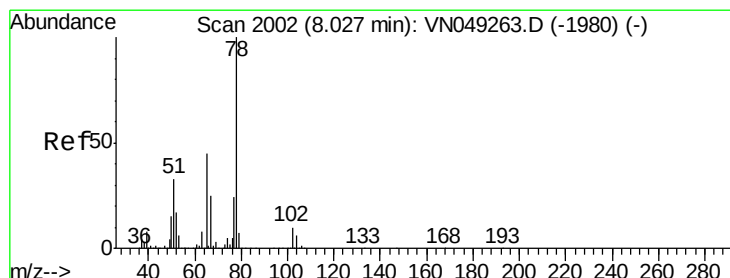
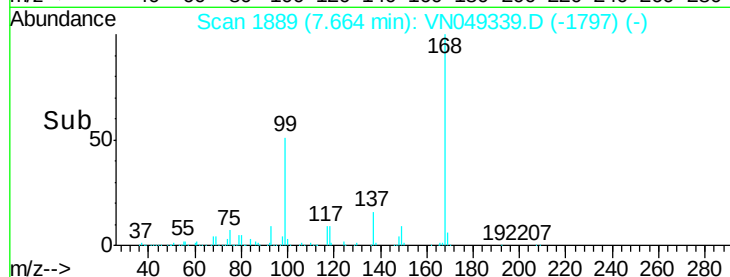
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 47.388 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049339.D

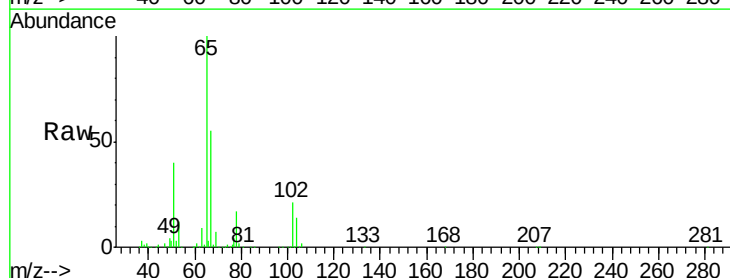
Acq: 18 Jun 2018 13:29

Tgt Ion: 65 Resp: 762468

Ion Ratio Lower Upper

65 100

67 54.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

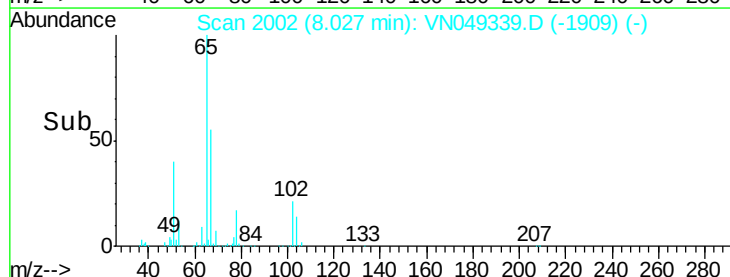
300000

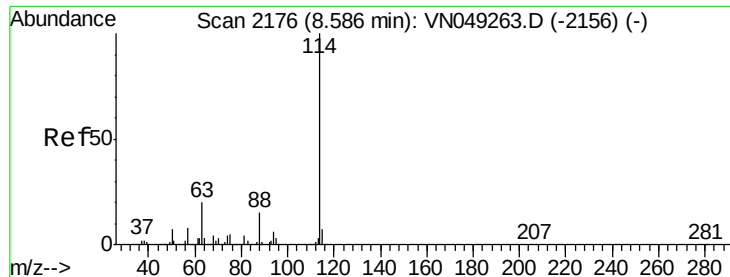
200000

100000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

AREA-3(D)ME

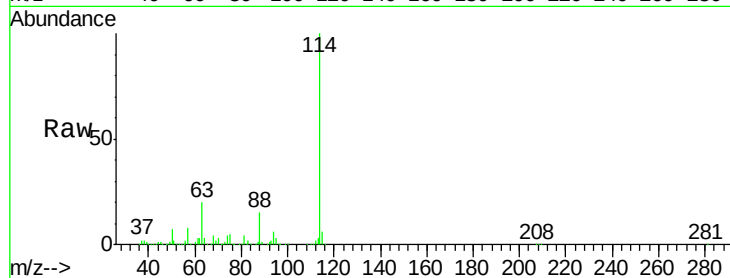
Tot Ion:114 Resp: 1839832

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.4

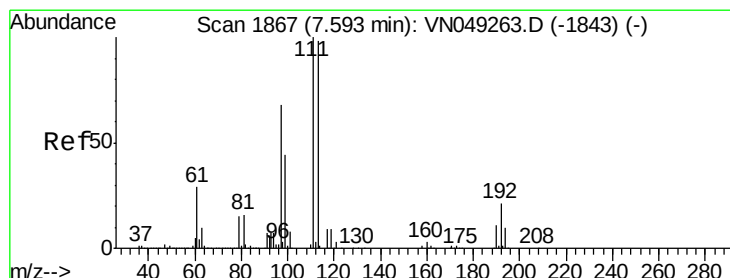
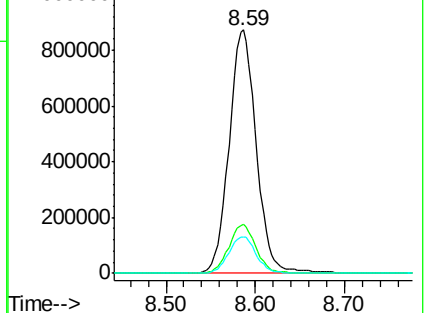
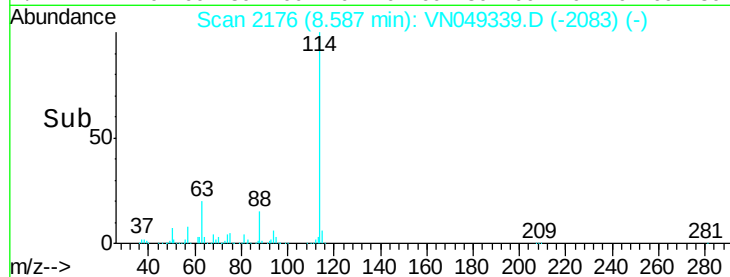
88 15.1 0.0 31.4



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: 45.525 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

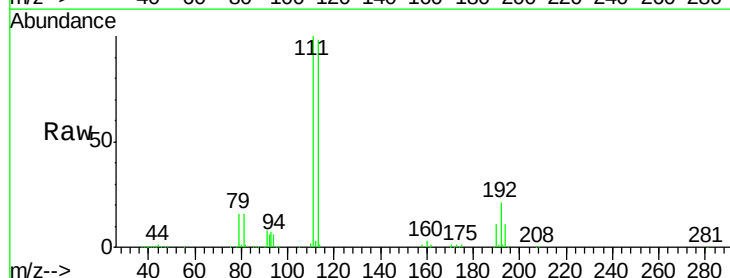
Tgt Ion:113 Resp: 677635

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

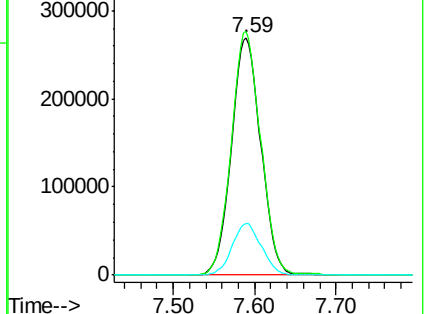
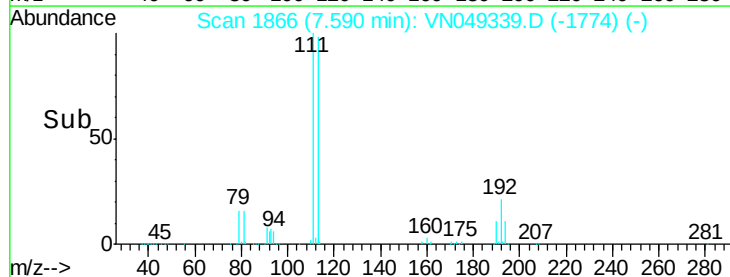
192 21.7 15.0 22.6

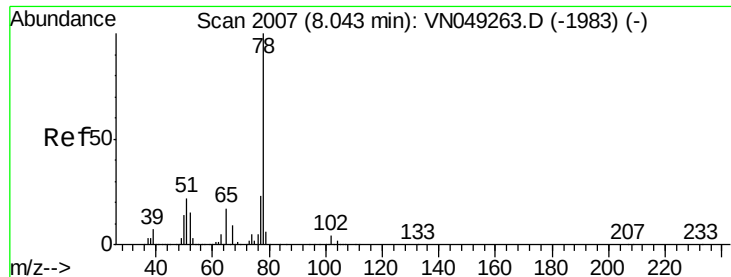


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 3.072 ug/l

RT: 8.04 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

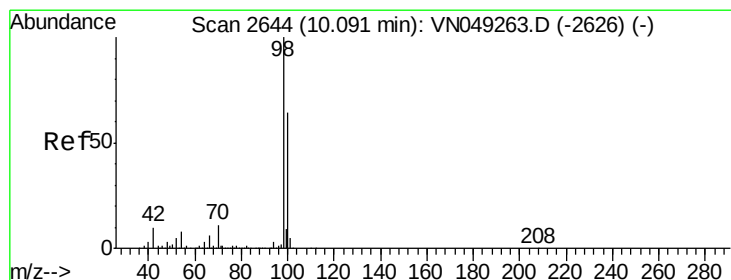
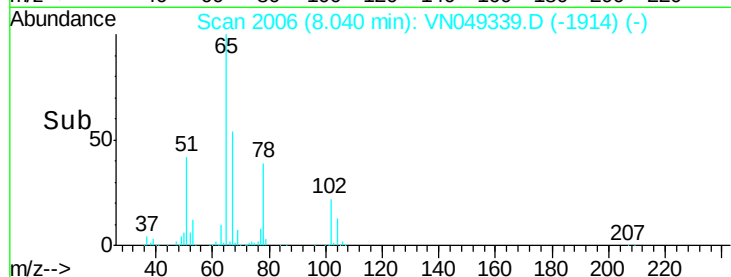
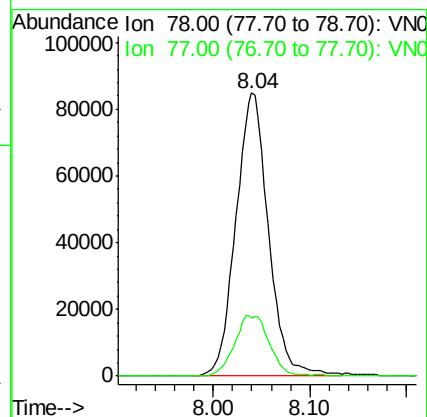
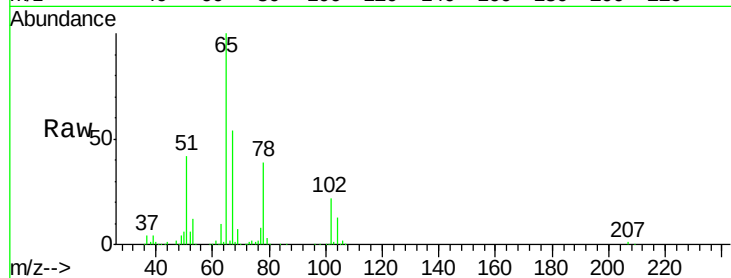
AREA-3(D)ME

Tot Ion: 78 Resp: 198595

Ion Ratio Lower Upper

78 100

77 20.7 19.4 29.0



#50

Toluene-d8

Concen: 45.142 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049339.D

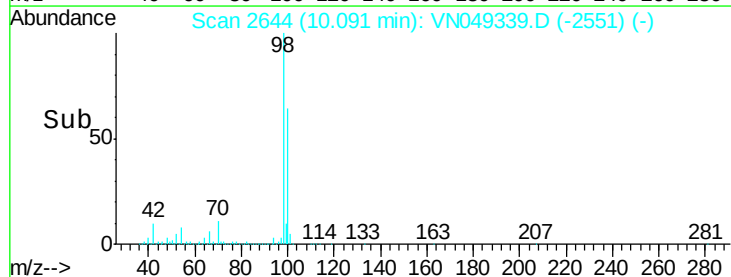
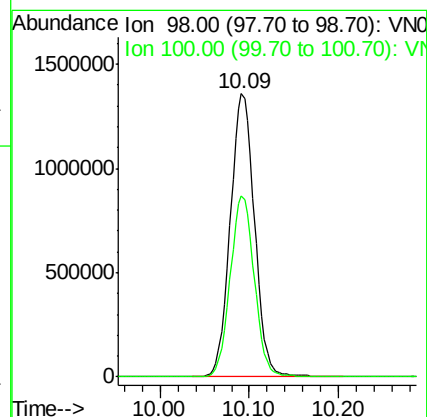
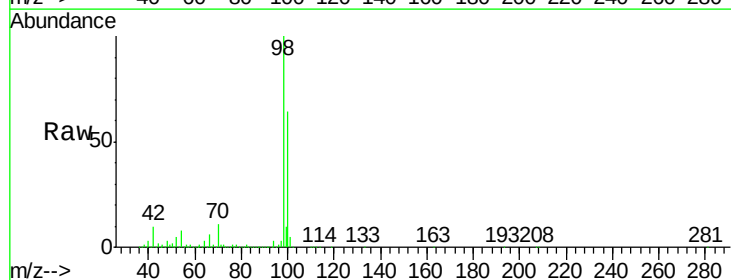
Acq: 18 Jun 2018 13:29

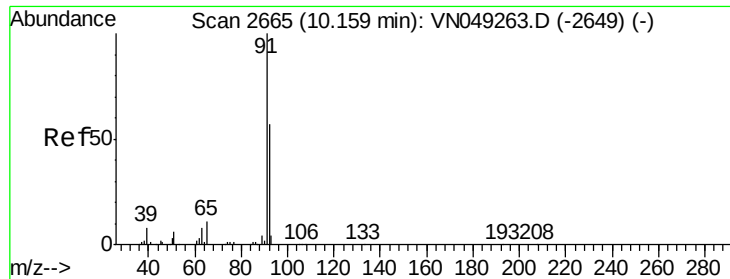
Tgt Ion: 98 Resp: 2558532

Ion Ratio Lower Upper

98 100

100 63.5 49.8 74.8





#52

Toluene

Concen: 1.637 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

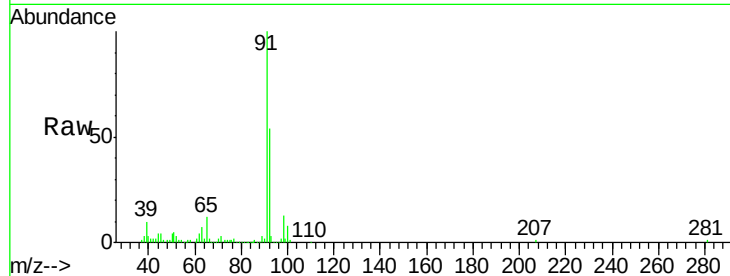
AREA-3(D)ME

Tot Ion: 92 Resp: 62117

Ion Ratio Lower Upper

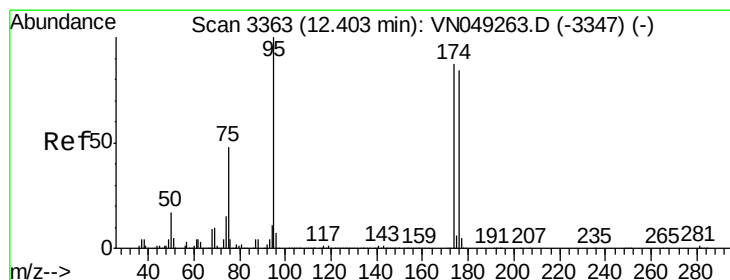
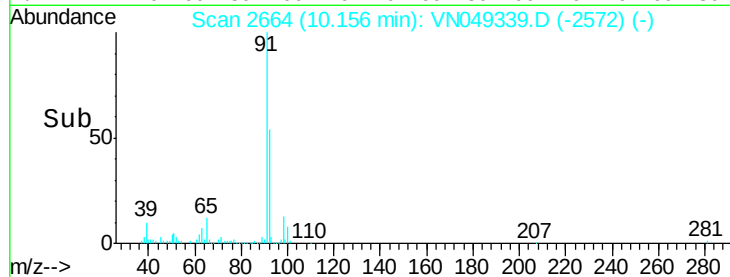
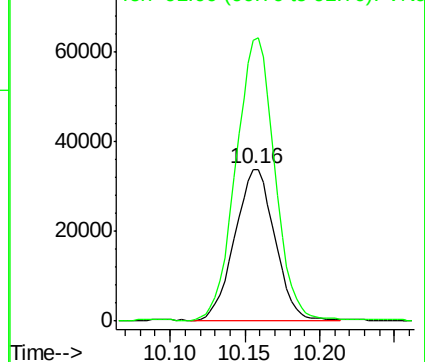
92 100

91 184.7 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 43.848 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

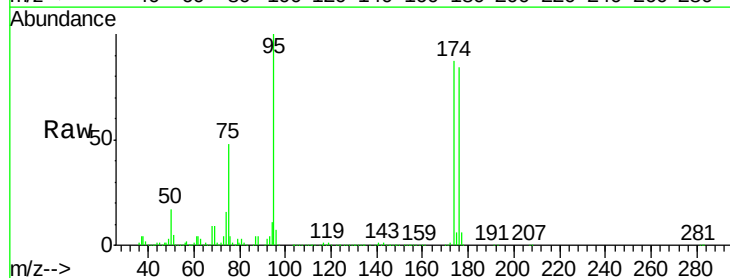
Tgt Ion: 95 Resp: 821724

Ion Ratio Lower Upper

95 100

174 87.6 0.0 165.6

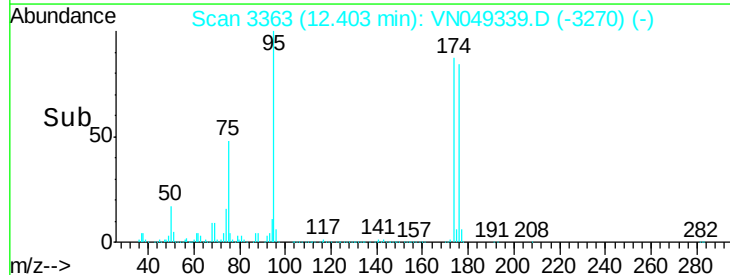
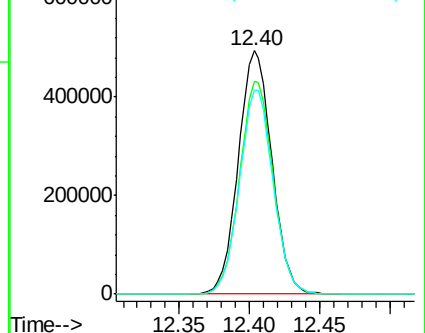
176 84.2 0.0 157.4

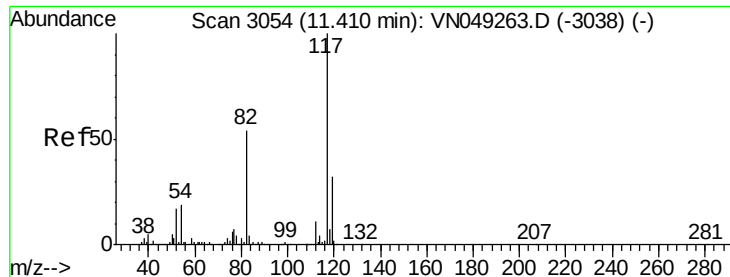


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

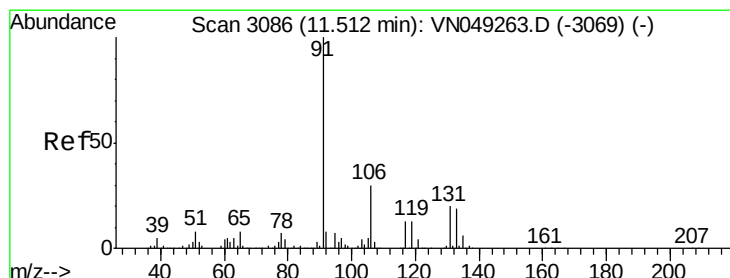
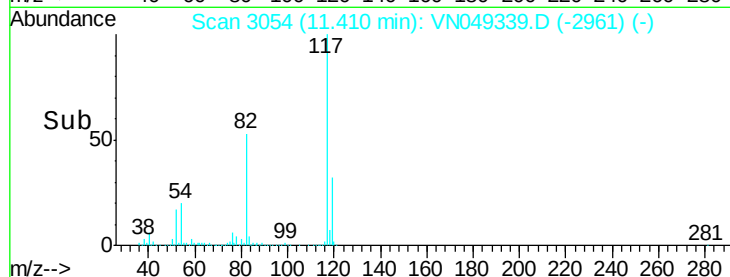
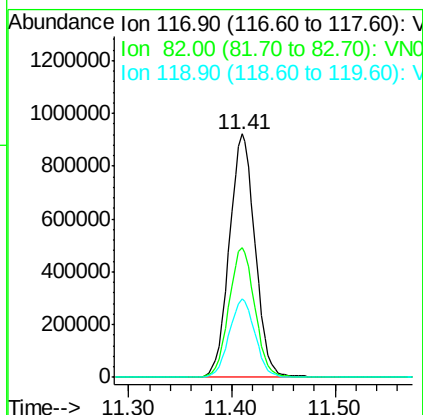
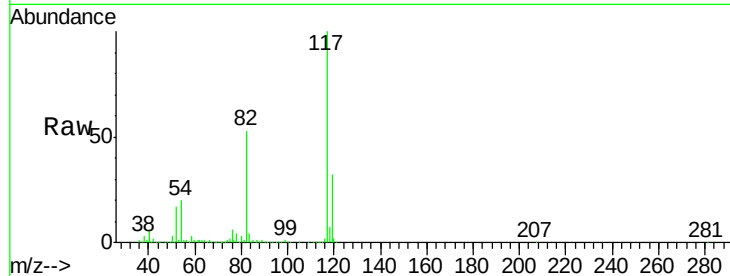




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

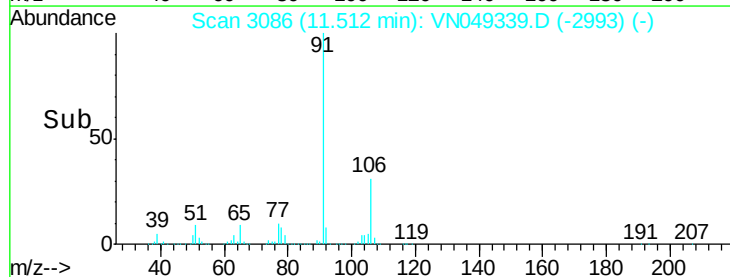
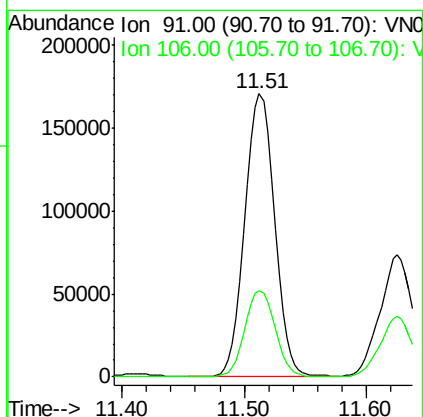
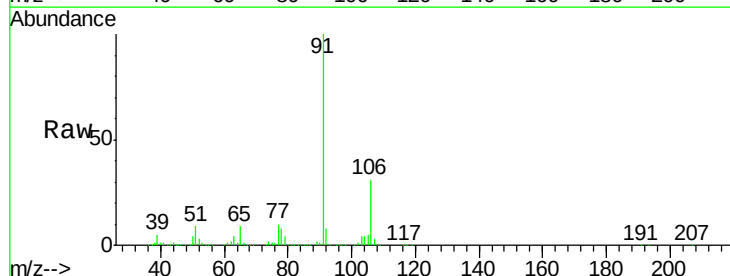
Instrument :
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AREA-3(D)ME

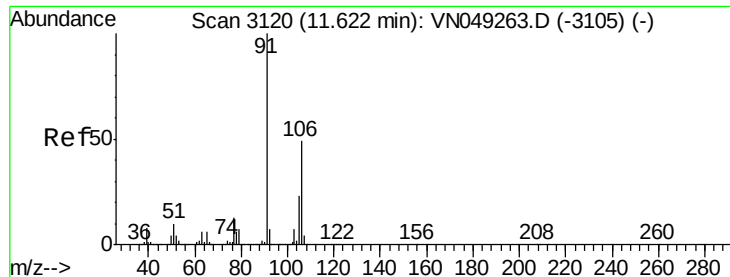
Tot Ion:117 Resp: 1600120
Ion Ratio Lower Upper
117 100
82 53.4 45.9 68.9
119 32.0 25.5 38.3



#67
Ethyl Benzene
Concen: 4.217 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

Tgt Ion: 91 Resp: 288343
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9

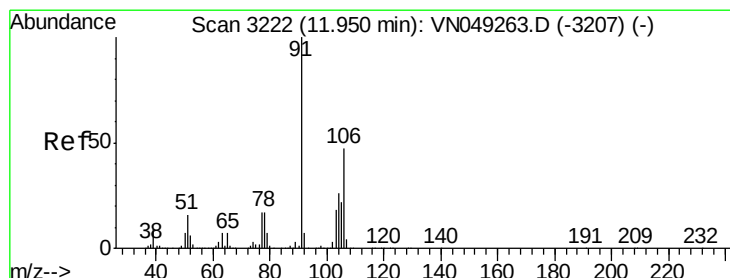
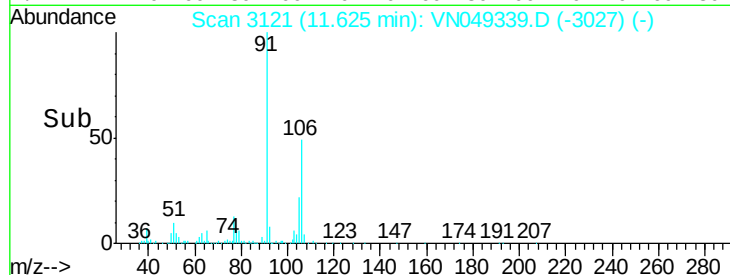
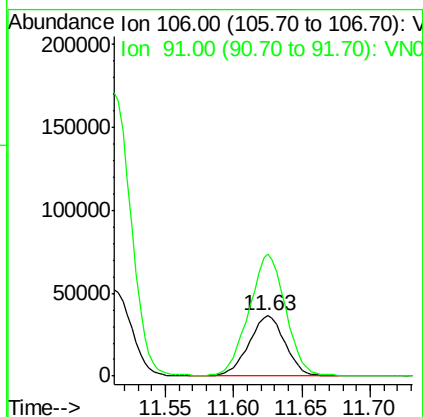
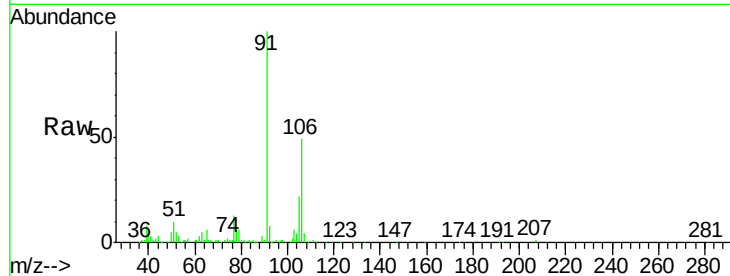




#68
m/p-Xylenes
Concen: 2.595 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

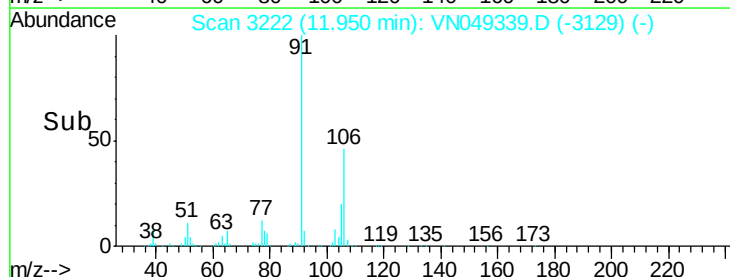
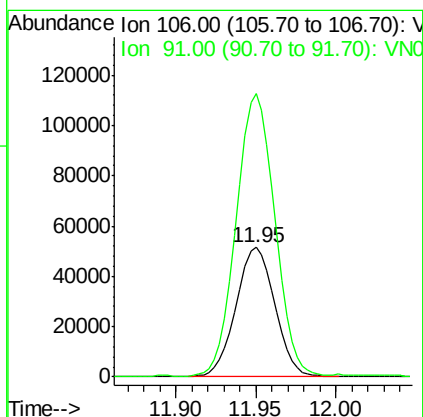
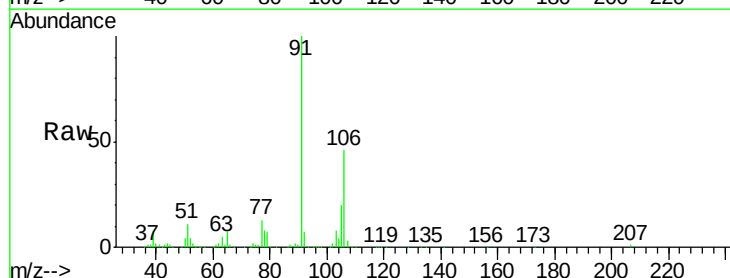
Instrument :
MSVOA_N
ClientSampleId :
AREA-3(D)ME

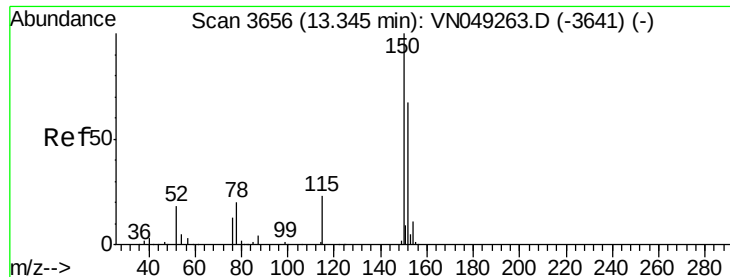
Tot Ion:106 Resp: 66592
Ion Ratio Lower Upper
106 100
91 204.5 167.3 250.9



#69
o-Xylene
Concen: 3.454 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049339.D
Acq: 18 Jun 2018 13:29

Tgt Ion:106 Resp: 85373
Ion Ratio Lower Upper
106 100
91 215.9 111.0 333.0

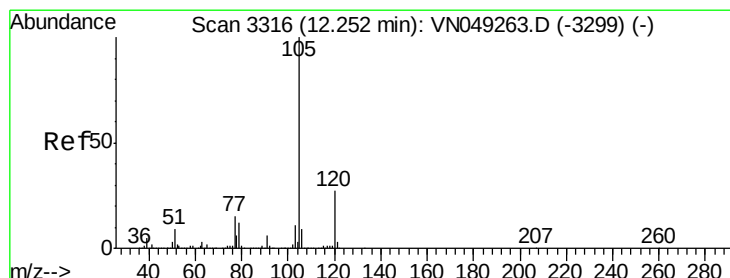
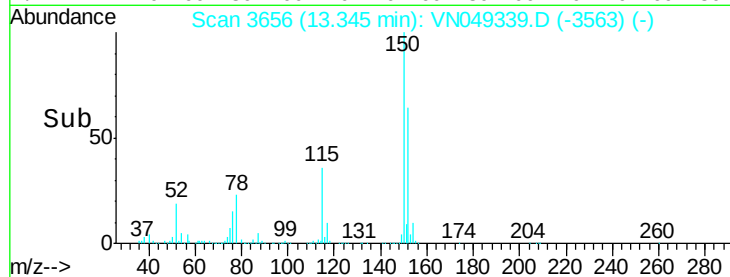
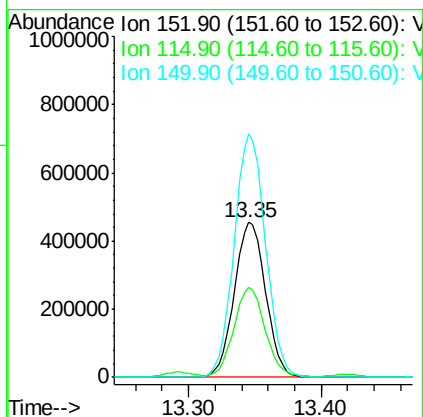
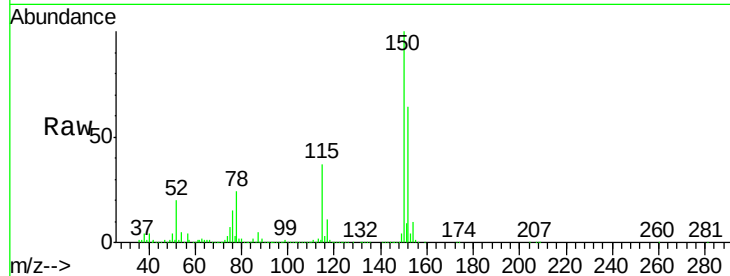




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. 0.00 min
 Lab File: VN049339.D
 Acq: 18 Jun 2018 13:29

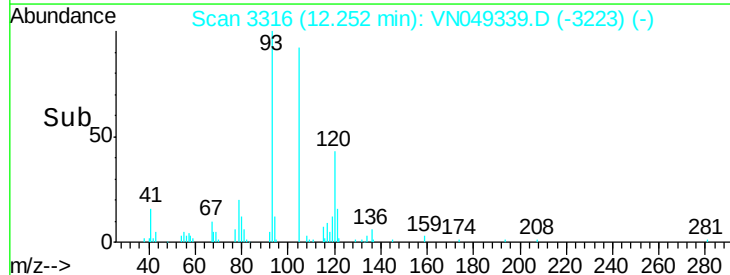
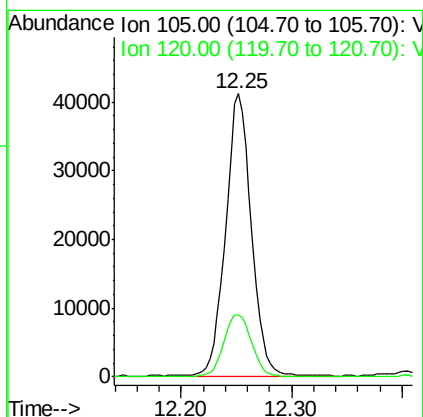
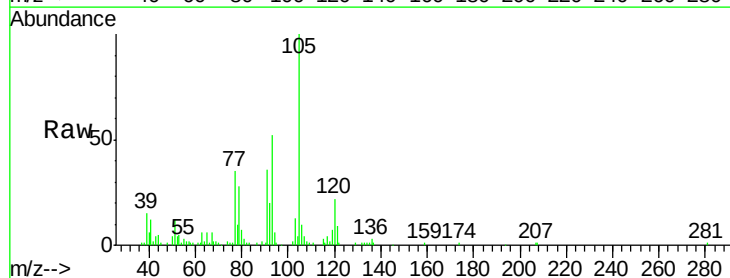
Instrument :
 MSVOA_N
 ClientSampleId :
 AREA-3(D)ME

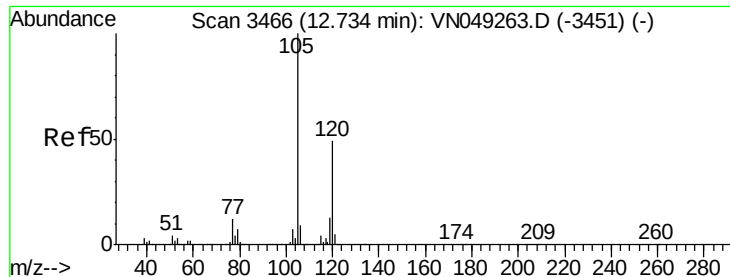
Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.7	86.1
150	157.2	0.0	351.0



#73
 Isopropylbenzene
 Concen: 1.030 ug/l
 RT: 12.25 min Scan# 3316
 Delta R.T. 0.00 min
 Lab File: VN049339.D
 Acq: 18 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	23.5	12.8	38.3





#80

1,3,5-Trimethylbenzene

Concen: 2.091 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049339.D

Acq: 18 Jun 2018 13:29

Instrument :

MSVOA_N

ClientSampleId :

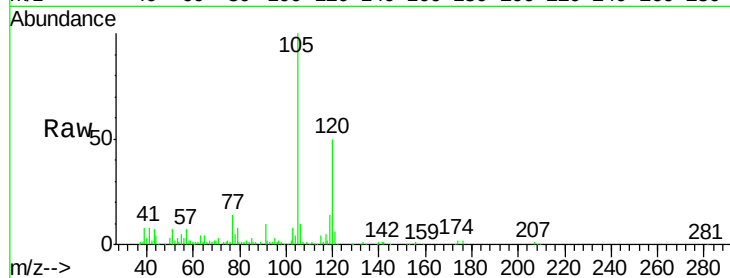
AREA-3(D)ME

Tot Ion:105 Resp: 107489

Ion Ratio Lower Upper

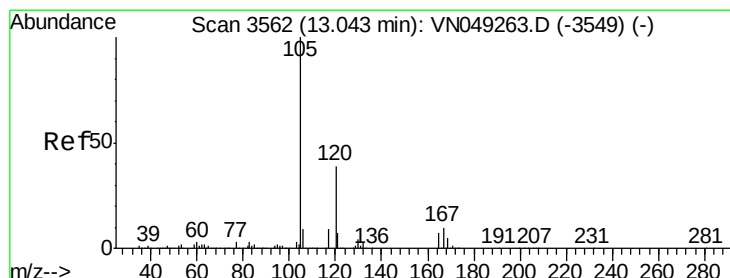
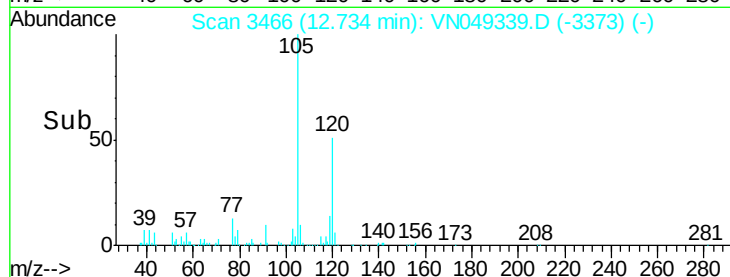
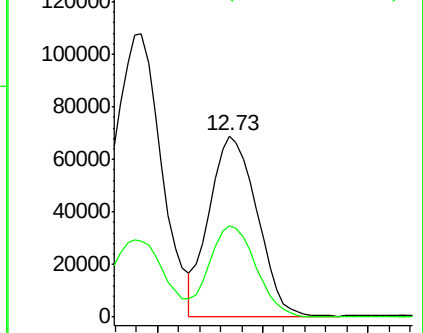
105 100

120 49.7 23.5 70.5



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: 5.666 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049339.D

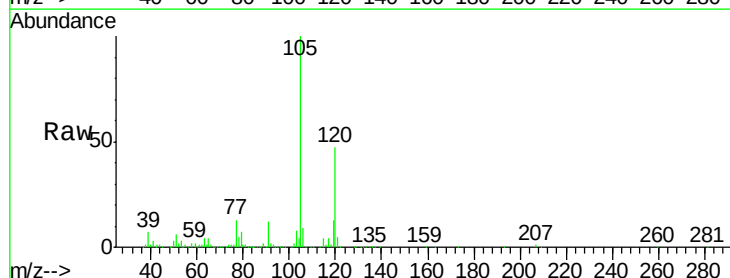
Acq: 18 Jun 2018 13:29

Tgt Ion:105 Resp: 289397

Ion Ratio Lower Upper

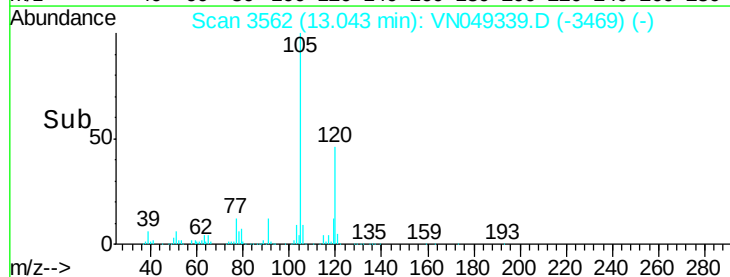
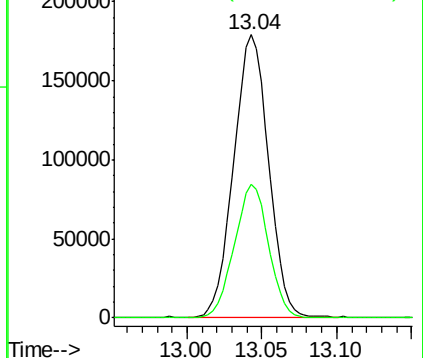
105 100

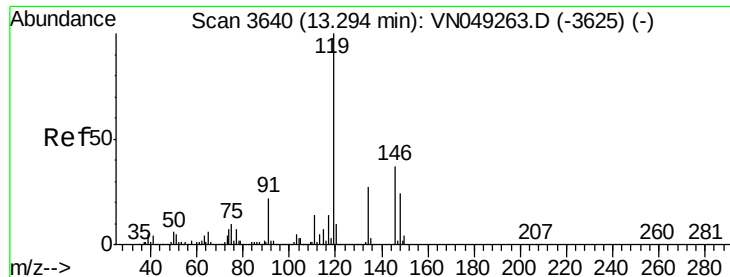
120 46.4 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

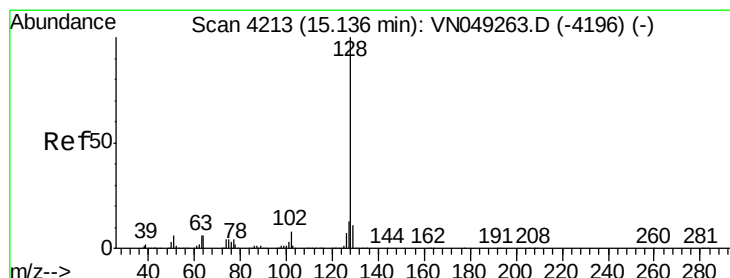
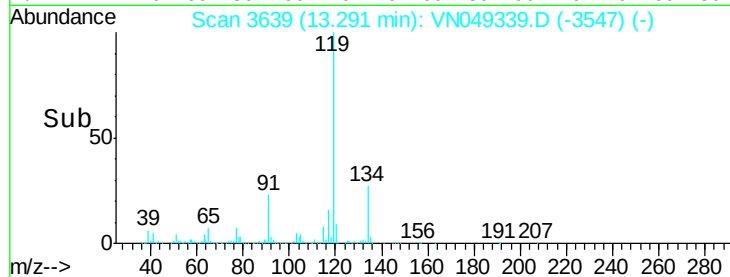
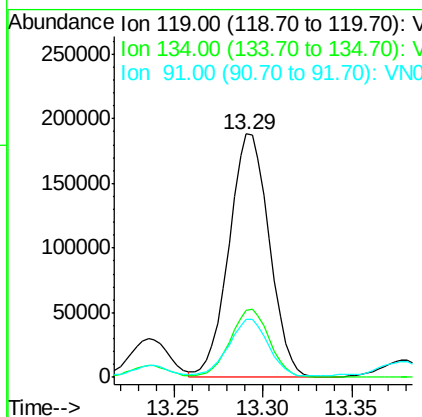
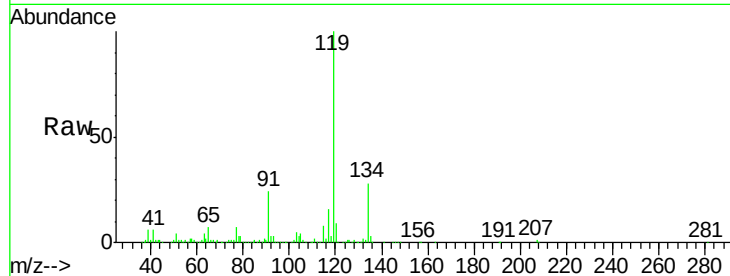




#86
 p-Isopropyltoluene
 Concen: 5.815 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN049339.D
 Acq: 18 Jun 2018 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 AREA-3(D)ME

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	12.9	38.6
91	23.3	12.1	36.3



#95
 Naphthalene
 Concen: 218.466 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049339.D
 Acq: 18 Jun 2018 13:29

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.8	8.5	12.7

