

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
 Data File : VX014849.D
 Acq On : 06 Feb 2020 15:47
 Operator : JC/SP
 Sample : L1390-01DL 20X
 Misc : 7.03g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1DL

Quant Time: Feb 07 01:38:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

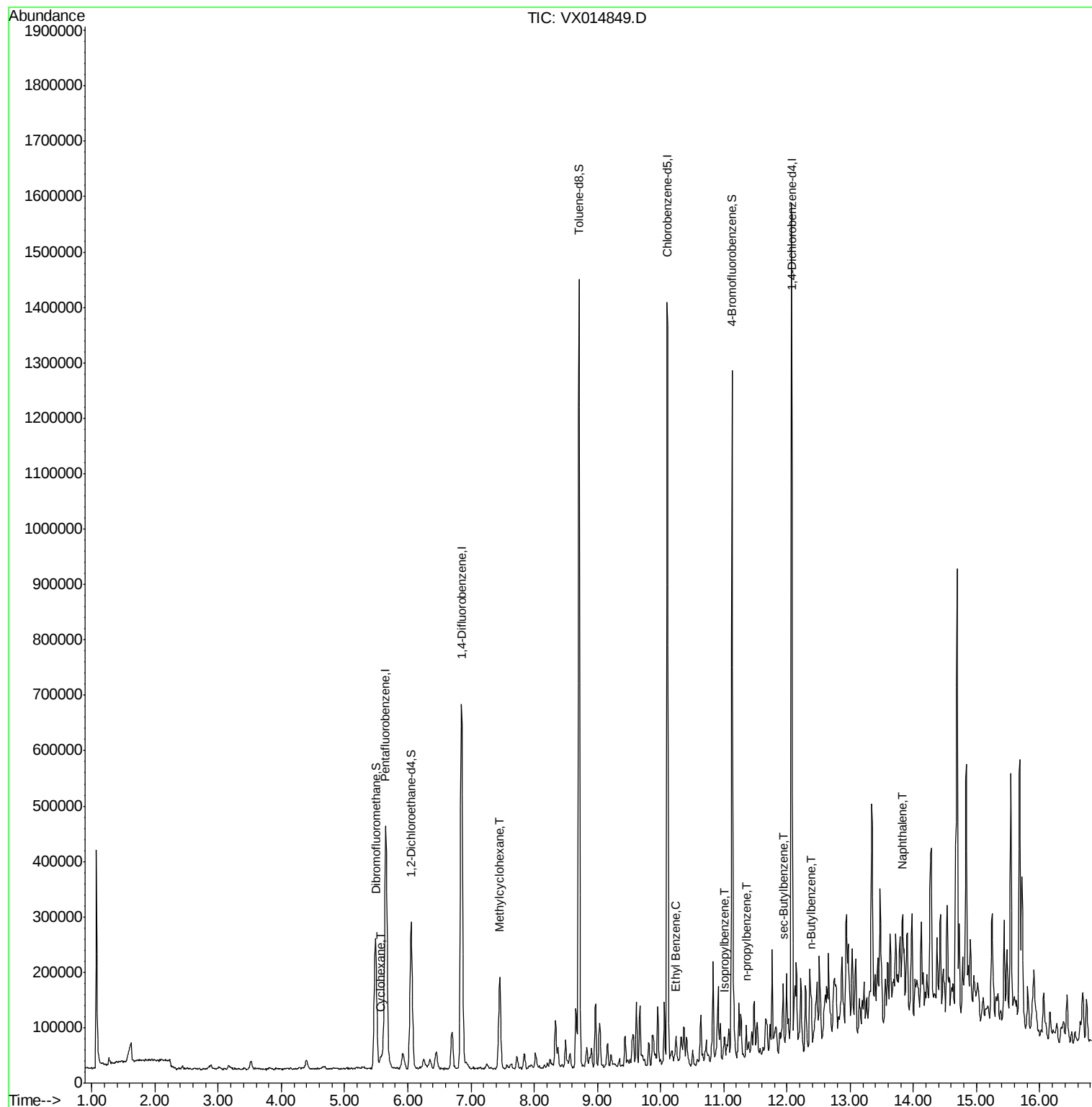
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	459179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	698430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	653203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	253058	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
35) Dibromofluoromethane	5.48	113	202797	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
50) Toluene-d8	8.71	98	837625	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.13	95	302519	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	14386	1.725	ug/l	95
39) Methylcyclohexane	7.46	83	74123	9.117	ug/l	97
67) Ethyl Benzene	10.25	91	23563	0.988	ug/l	100
73) Isopropylbenzene	11.01	105	19055	0.842	ug/l	96
78) n-propylbenzene	11.35	91	36171	1.409	ug/l	99
85) sec-Butylbenzene	11.94	105	20631	0.955	ug/l #	76
89) n-Butylbenzene	12.39	91	23315	1.340	ug/l	92
95) Naphthalene	13.83	128	115637	5.964	ug/l #	96

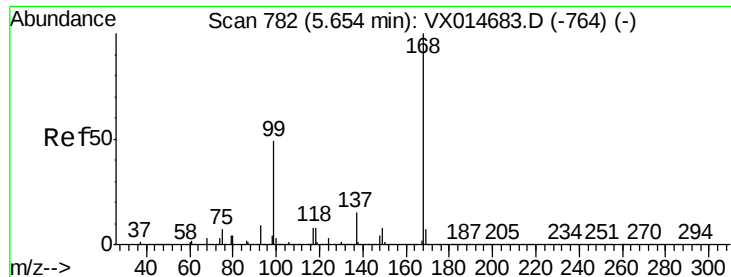
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014849.D

Acq: 06 Feb 2020 15:47

Instrument :

MSVOA_X

ClientSampled :

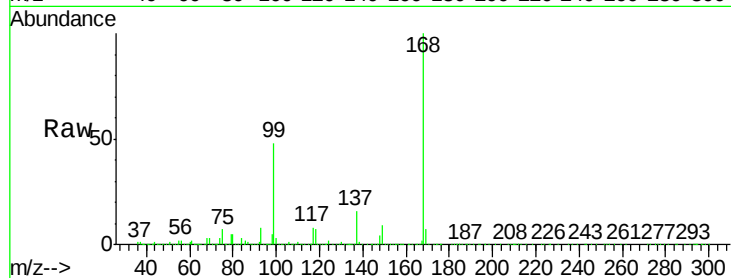
SB-1DL

Tot Ion:168 Resp: 459179

Ion Ratio Lower Upper

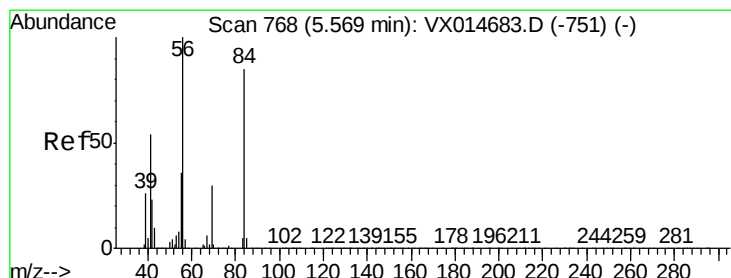
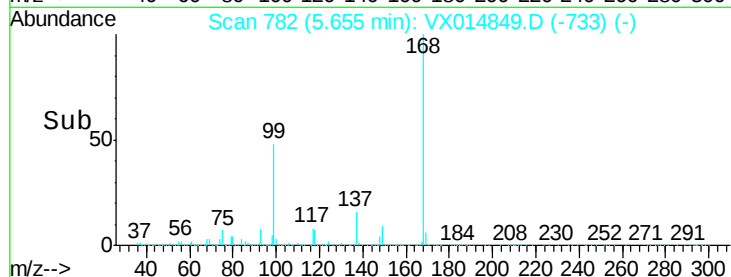
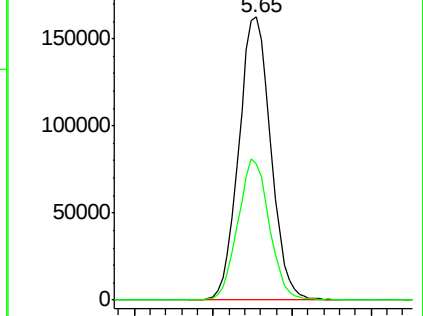
168 100

99 48.0 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 1.725 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014849.D

Acq: 06 Feb 2020 15:47

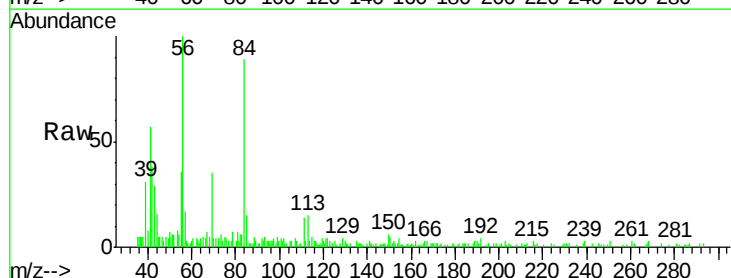
Tgt Ion: 56 Resp: 14386

Ion Ratio Lower Upper

56 100

69 23.7 23.4 35.2

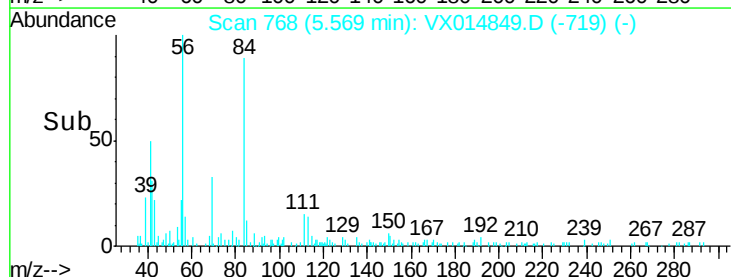
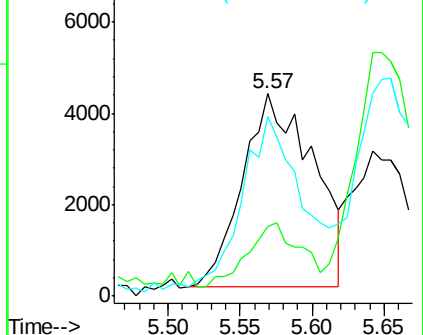
84 88.1 68.4 102.6

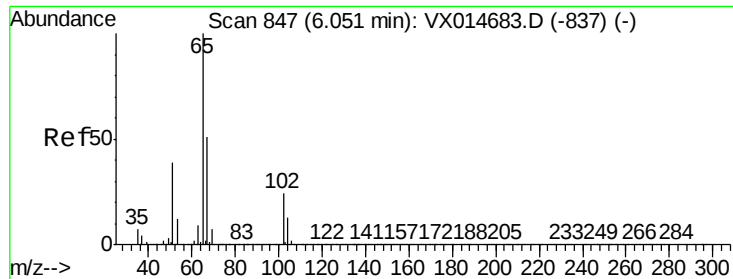


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.194 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014849.D

Acq: 06 Feb 2020 15:47

Instrument :

MSVOA_X

ClientSampled :

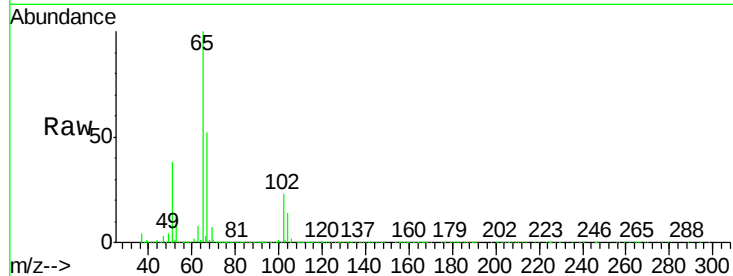
SB-1DL

Tot Ion: 65 Resp: 253058

Ion Ratio Lower Upper

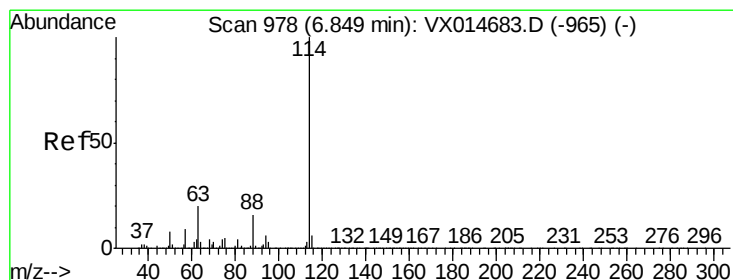
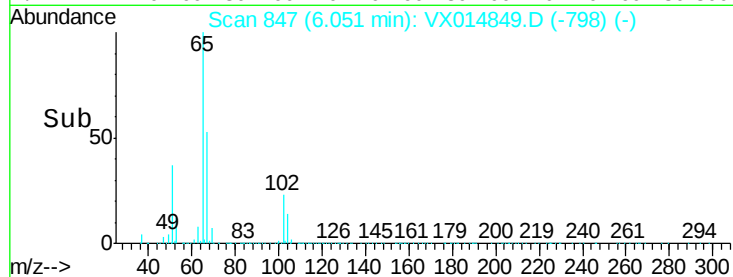
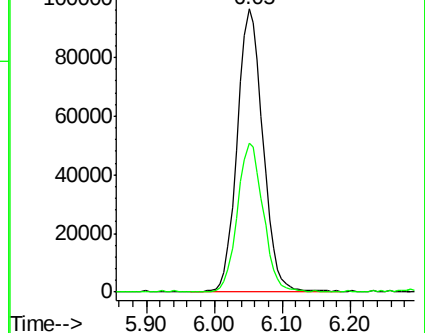
65 100

67 52.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014849.D

Acq: 06 Feb 2020 15:47

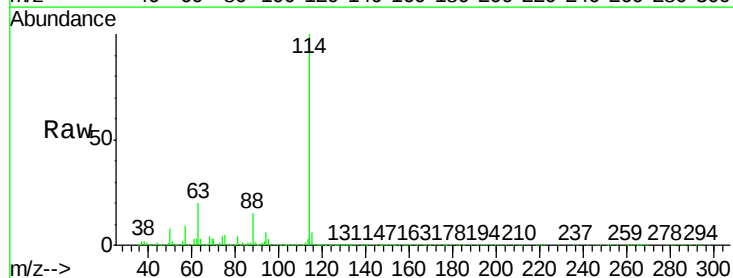
Tgt Ion: 114 Resp: 698430

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

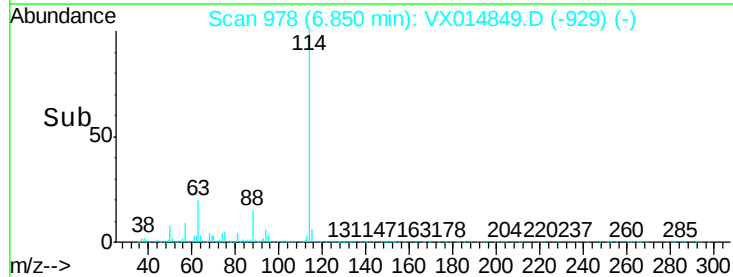
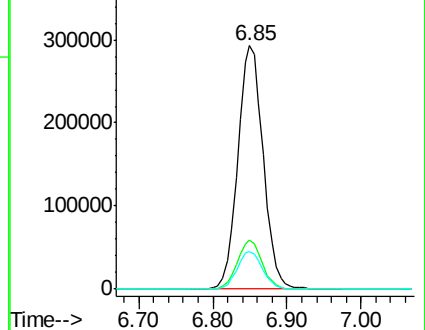
88 15.3 0.0 31.2

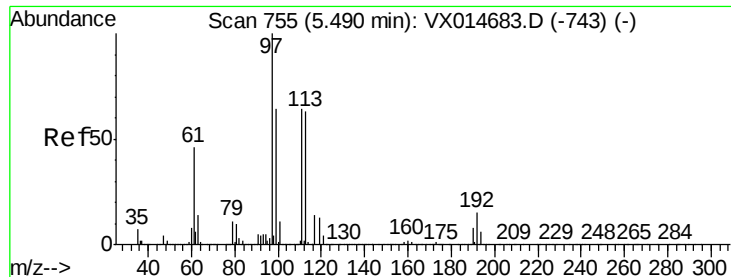


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.017 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014849.D

Acq: 06 Feb 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

SB-1DL

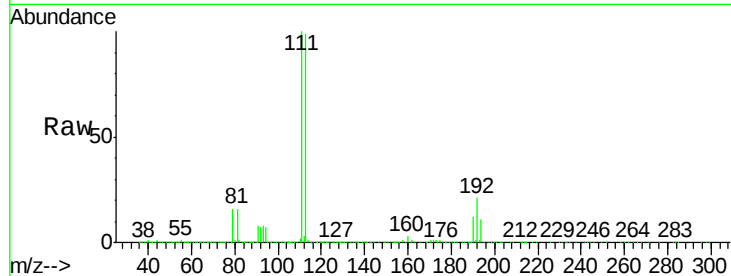
Tot Ion:113 Resp: 202797

Ion Ratio Lower Upper

113 100

111 102.2 80.7 121.1

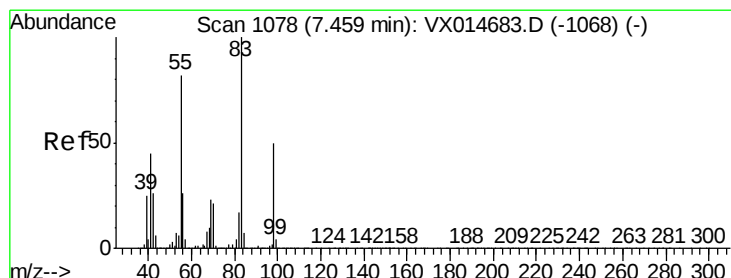
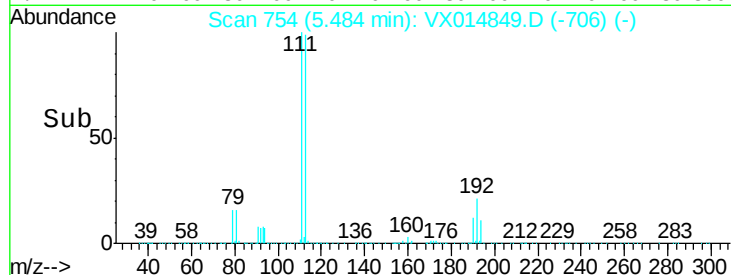
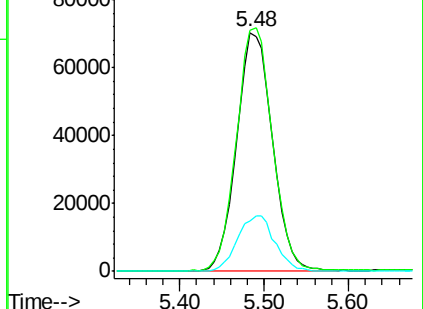
192 24.0 18.5 27.7



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



#39

Methylcyclohexane

Concen: 9.117 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX014849.D

Acq: 06 Feb 2020 15:47

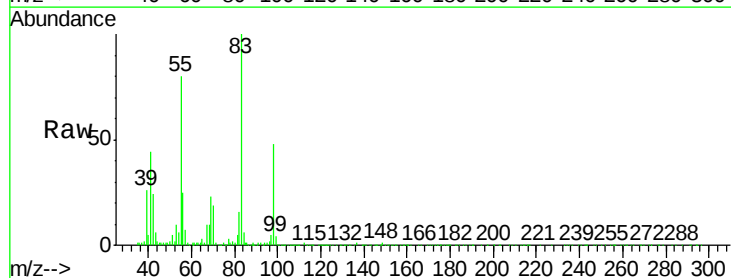
Tgt Ion: 83 Resp: 74123

Ion Ratio Lower Upper

83 100

55 79.9 65.6 98.4

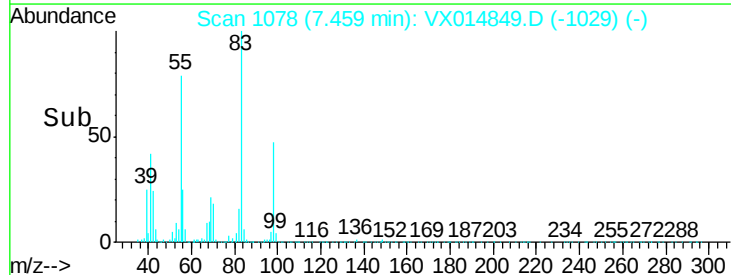
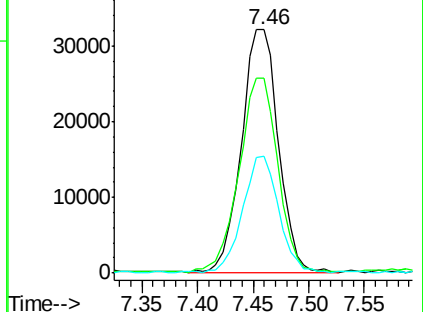
98 47.6 40.2 60.4

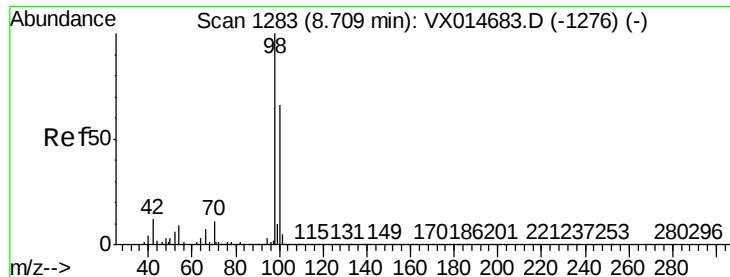


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 49.439 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014849.D

Acq: 06 Feb 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

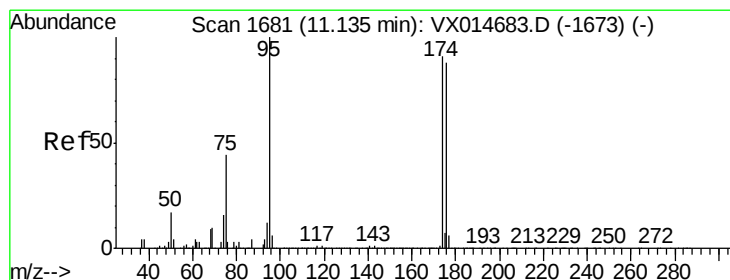
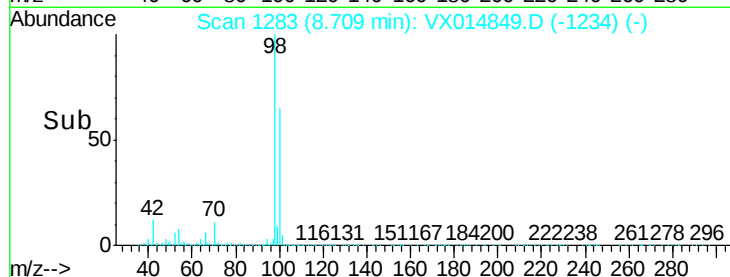
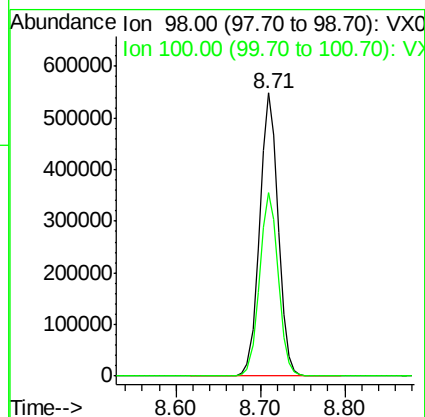
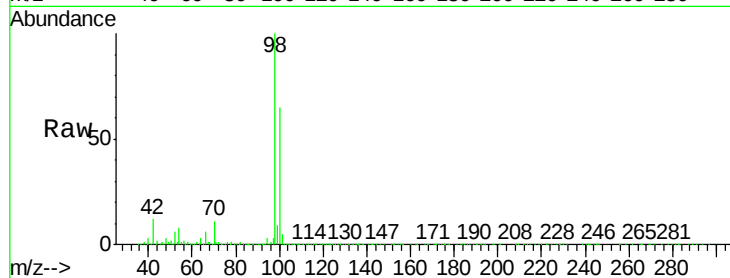
SB-1DL

Tot Ion: 98 Resp: 837625

Ion Ratio Lower Upper

98 100

100 65.0 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 50.125 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014849.D

Acq: 06 Feb 2020 15:47

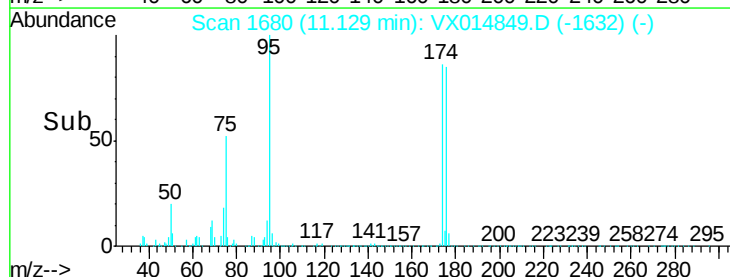
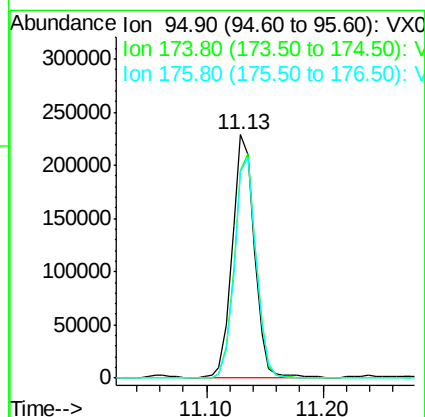
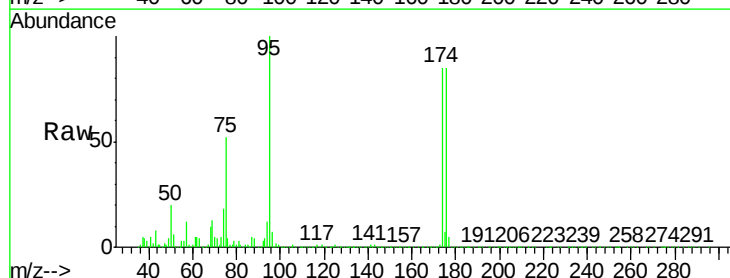
Tgt Ion: 95 Resp: 302519

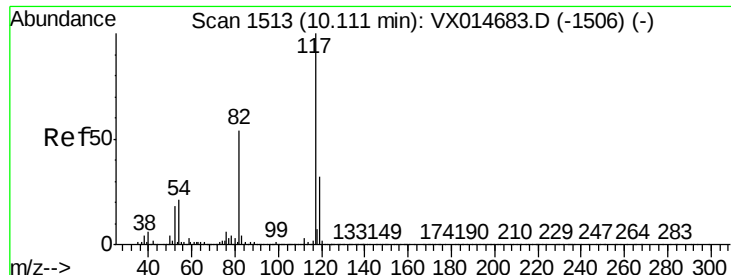
Ion Ratio Lower Upper

95 100

174 89.9 0.0 176.0

176 88.4 0.0 172.2

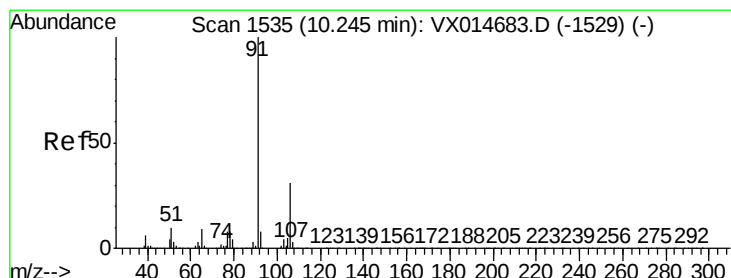
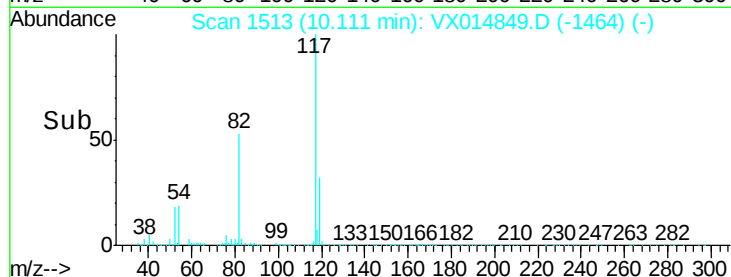
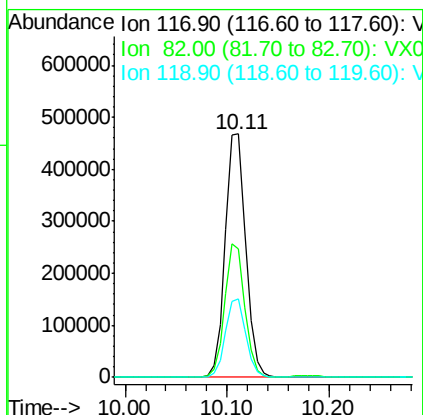
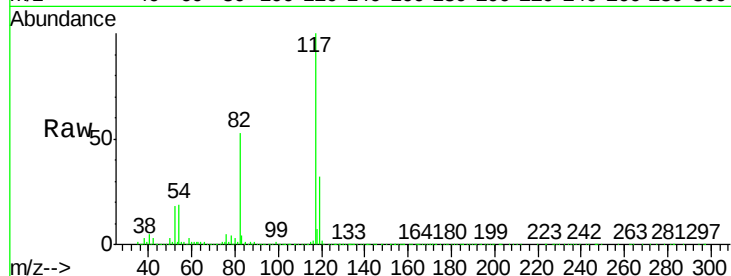




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014849.D
Acq: 06 Feb 2020 15:47

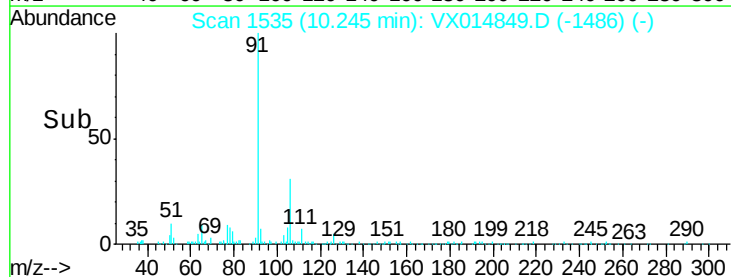
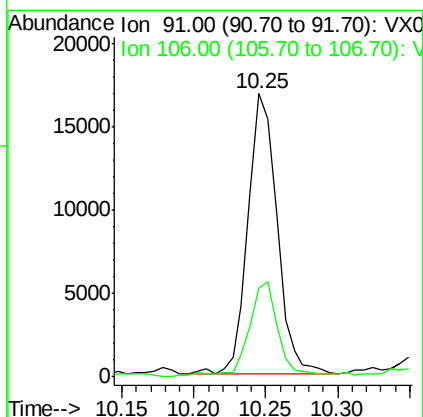
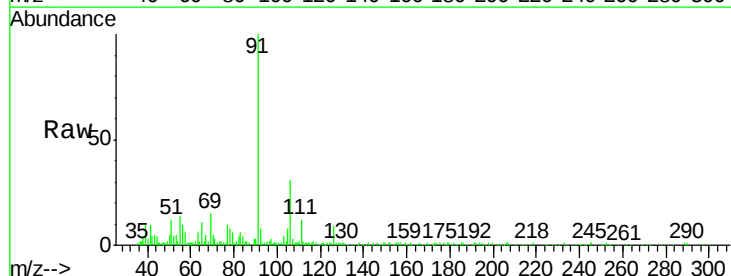
Instrument :
MSVOA_X
ClientSampleId :
SB-1DL

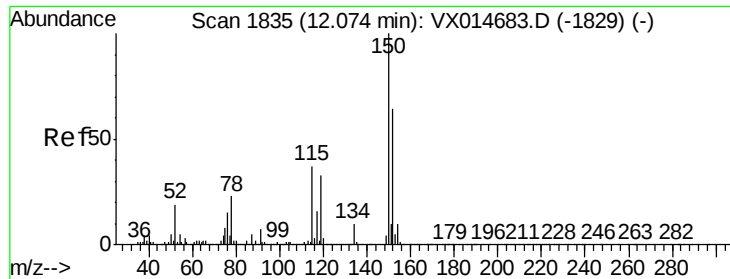
Tot Ion:117 Resp: 653203
Ion Ratio Lower Upper
117 100
82 52.5 43.2 64.8
119 32.5 25.8 38.6



#67
Ethyl Benzene
Concen: 0.988 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014849.D
Acq: 06 Feb 2020 15:47

Tgt Ion: 91 Resp: 23563
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014849.D

Acq: 06 Feb 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

SB-1DL

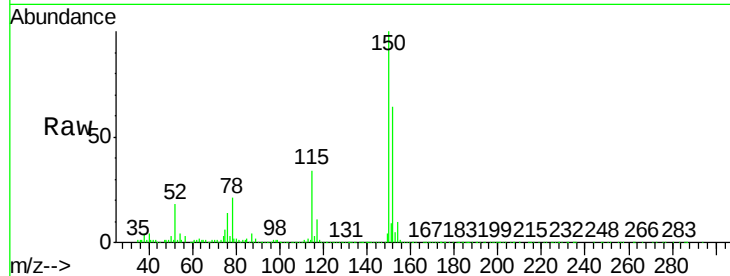
Tot Ion:152 Resp: 321701

Ion Ratio Lower Upper

152 100

115 55.5 39.4 118.1

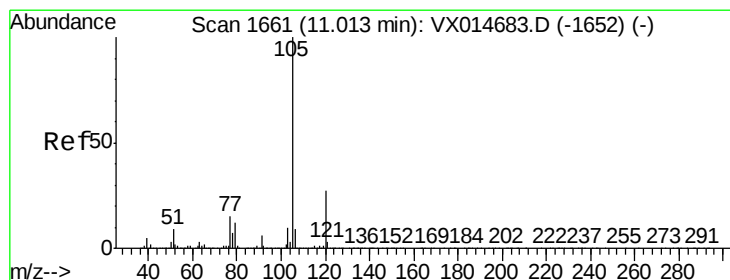
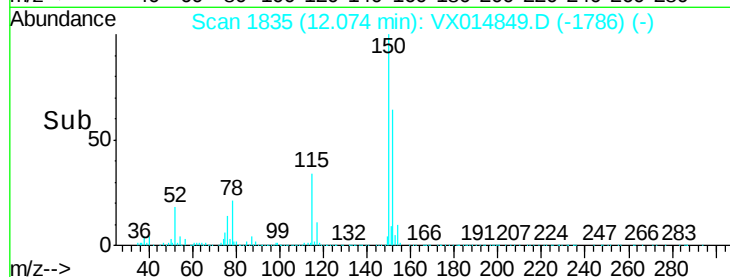
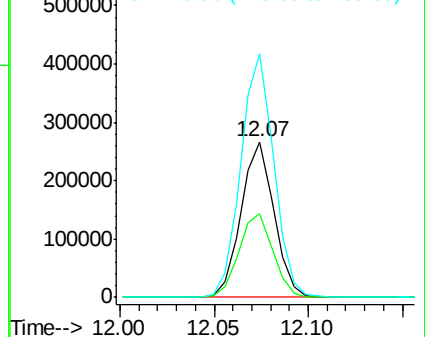
150 158.1 0.0 351.2



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



#73

Isopropylbenzene

Concen: 0.842 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014849.D

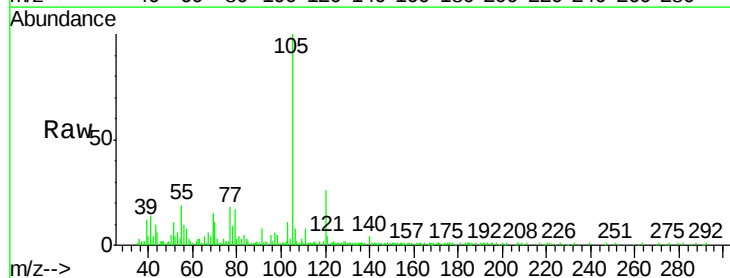
Acq: 06 Feb 2020 15:47

Tgt Ion:105 Resp: 19055

Ion Ratio Lower Upper

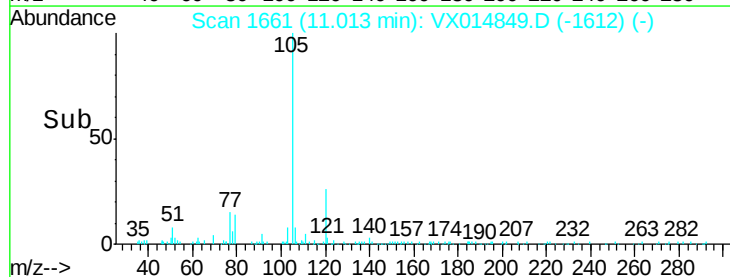
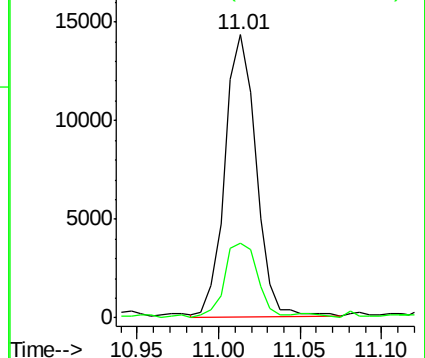
105 100

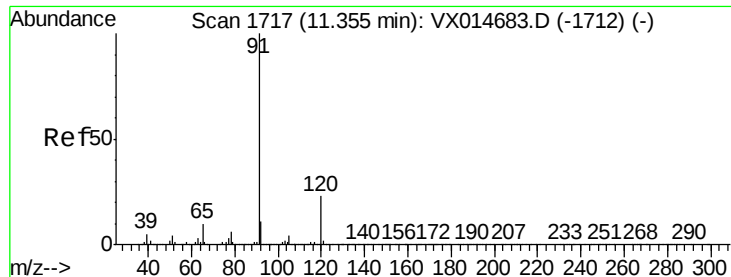
120 28.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.409 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014849.D

Acq: 06 Feb 2020 15:47

Instrument :

MSVOA_X

ClientSampleId :

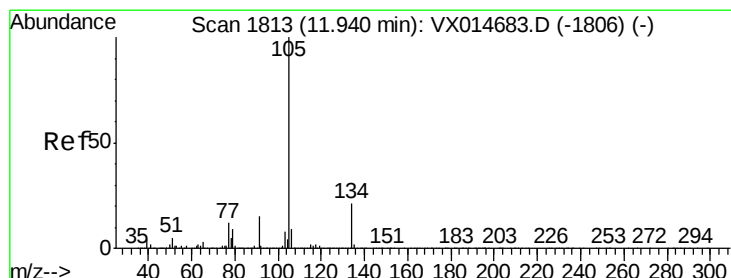
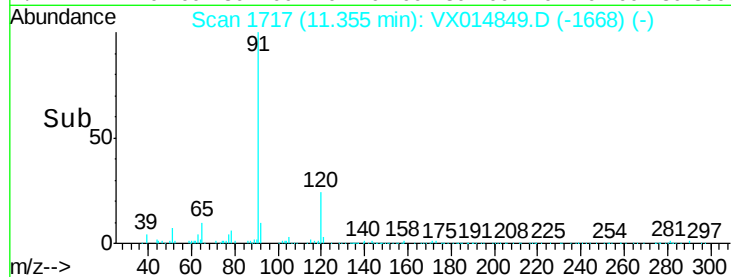
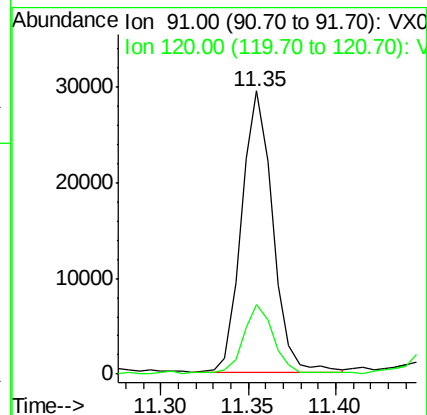
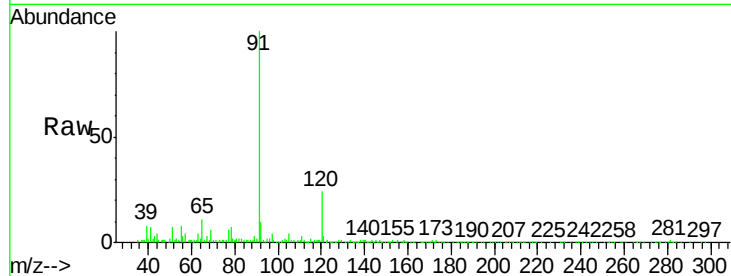
SB-1DL

Tot Ion: 91 Resp: 36171

Ion Ratio Lower Upper

91 100

120 23.0 11.7 35.0



#85

sec-Butylbenzene

Concen: 0.955 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014849.D

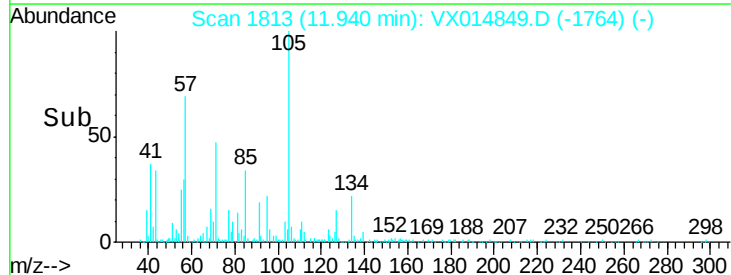
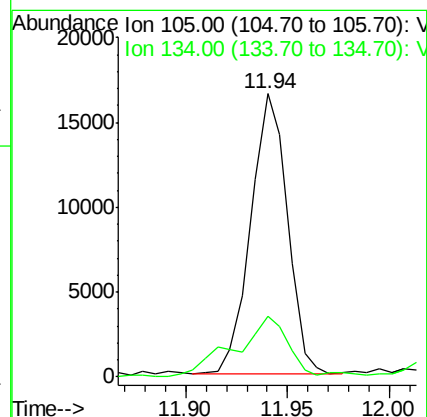
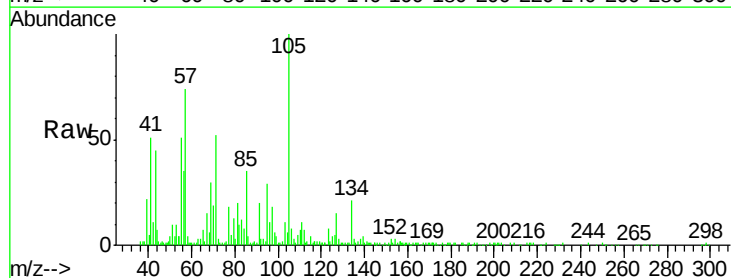
Acq: 06 Feb 2020 15:47

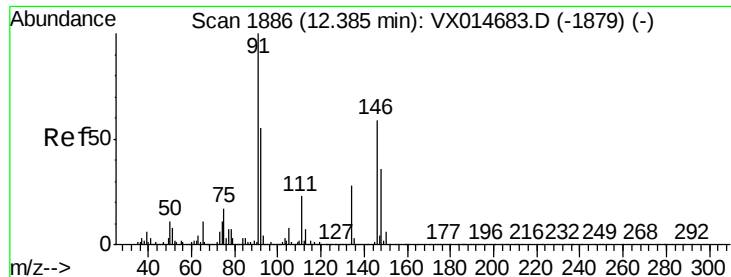
Tgt Ion: 105 Resp: 20631

Ion Ratio Lower Upper

105 100

134 31.8 10.3 30.8#





#89

n-Butylbenzene

Concen: 1.340 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014849.D

Acq: 06 Feb 2020 15:47

Instrument :

MSVOA_X

ClientSampled :

SB-1DL

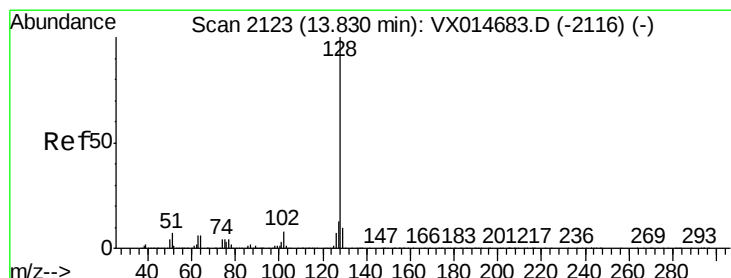
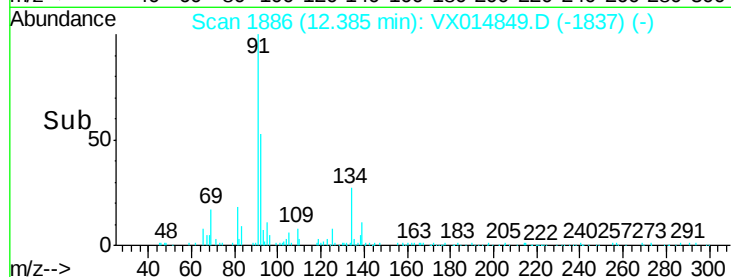
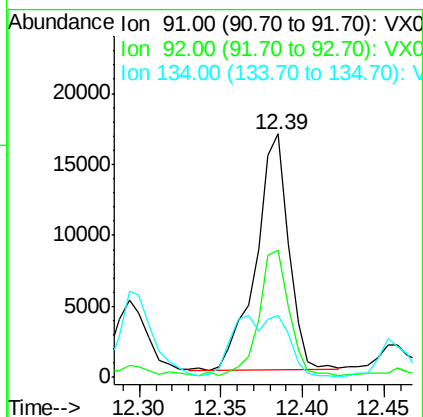
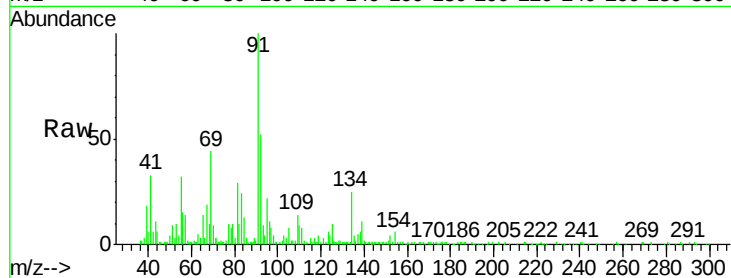
Tot Ion: 91 Resp: 23315

Ion Ratio Lower Upper

91 100

92 49.1 27.6 82.7

134 22.2 13.3 39.8



#95

Naphthalene

Concen: 5.964 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014849.D

Acq: 06 Feb 2020 15:47

Tgt Ion: 128 Resp: 115637

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 13.9 8.6 12.8#

