

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
 Data File : VX014858.D
 Acq On : 06 Feb 2020 19:16
 Operator : JC/SP
 Sample : L1390-01
 Misc : 7.03g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

Quant Time: Feb 07 03:05:07 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	456117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	691548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	619717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	343898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	246482	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	5.50	113	197473	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
50) Toluene-d8	8.71	98	839703	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.14	95	325174	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	

Target Compounds

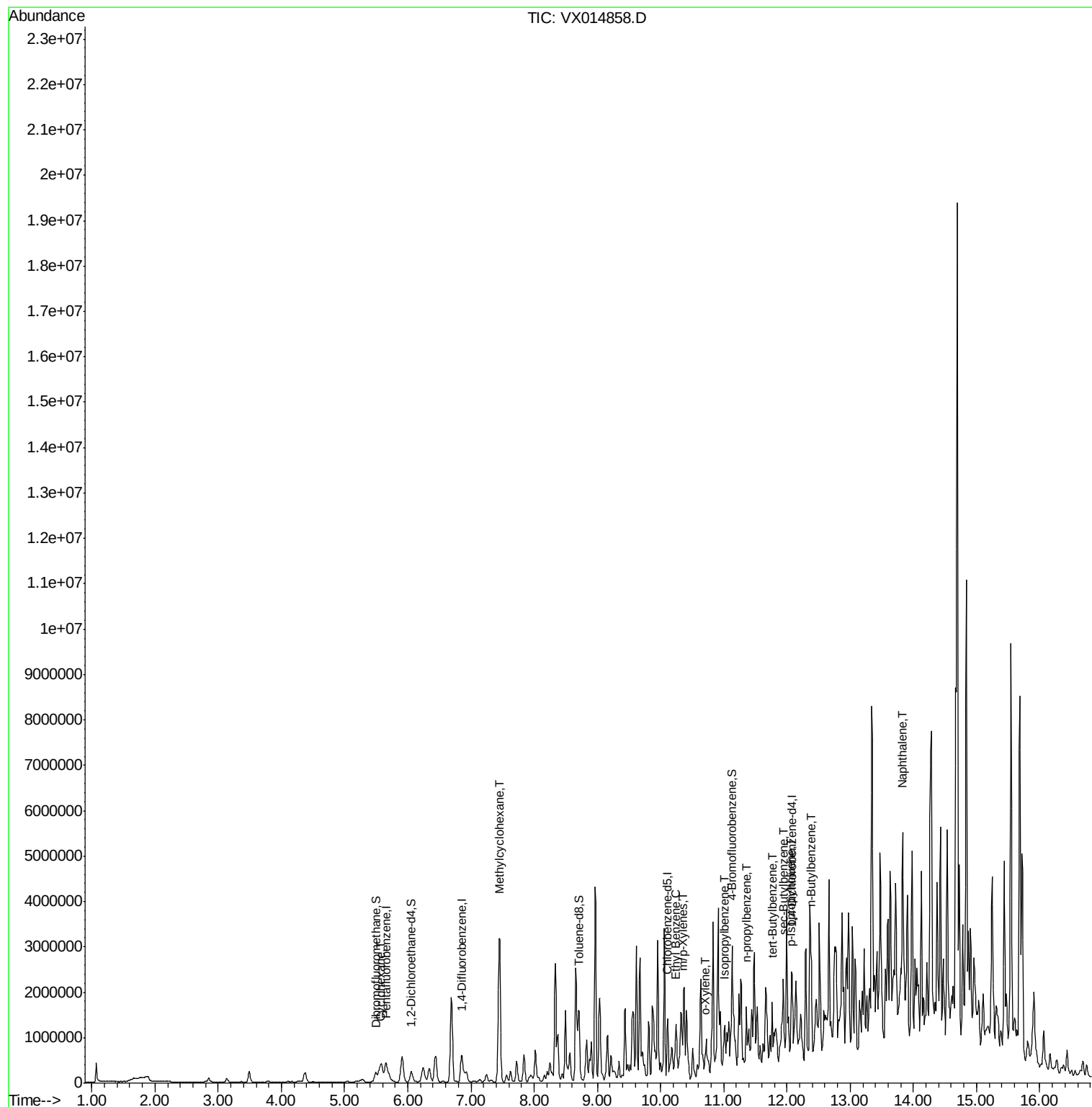
						Qvalue
31) Cyclohexane	5.56	56	244337	29.501	ug/l	97
39) Methylcyclohexane	7.45	83	1425153	177.035	ug/l	96
67) Ethyl Benzene	10.25	91	503131	22.230	ug/l	99
68) m/p-Xylenes	10.35	106	10253	1.196	ug/l #	51
69) o-Xylene	10.70	106	6248	0.755	ug/l	74
73) Isopropylbenzene	11.01	105	392094	16.215	ug/l	100
78) n-propylbenzene	11.35	91	804949	29.327	ug/l	100
83) tert-Butylbenzene	11.77	119	23369	1.239	ug/l	93
85) sec-Butylbenzene	11.94	105	478366	20.706	ug/l	81
86) p-Isopropyltoluene	12.06	119	150095	7.030	ug/l	93
89) n-Butylbenzene	12.39	91	565763	30.425	ug/l #	84
95) Naphthalene	13.83	128	2589450	106.347	ug/l #	96

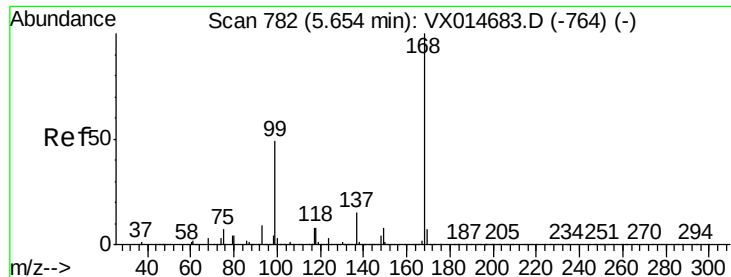
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020620\
Data File : VX014858.D
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ClientSampleId :
SB-1

Quant Time: Feb 07 03:05:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
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: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

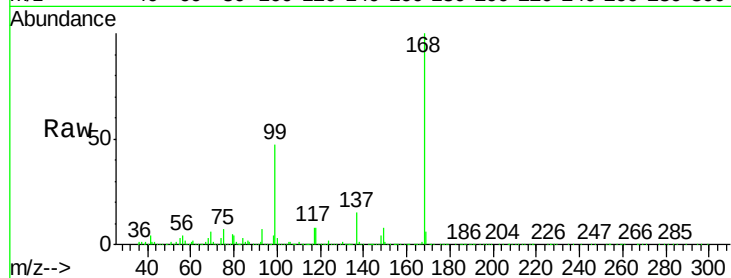
SB-1

Tot Ion:168 Resp: 456117

Ion Ratio Lower Upper

168 100

99 46.7 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

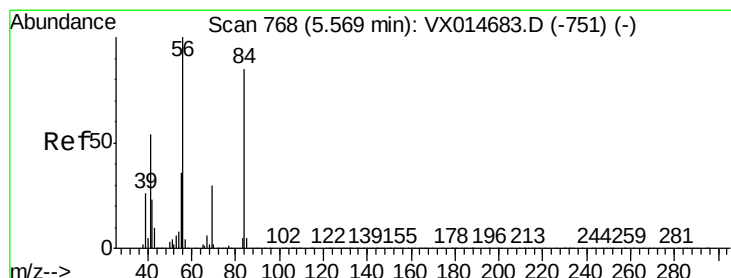
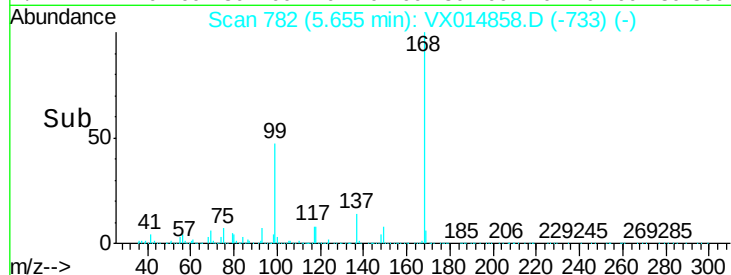
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 29.501 ug/l

RT: 5.56 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

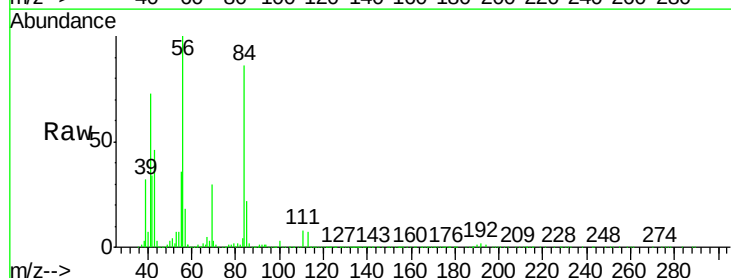
Tgt Ion: 56 Resp: 244337

Ion Ratio Lower Upper

56 100

69 25.5 23.4 35.2

84 86.8 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

80000

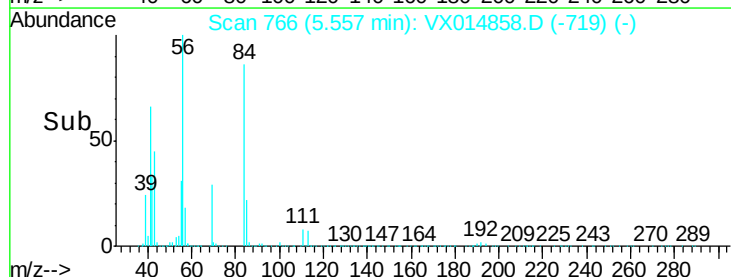
60000

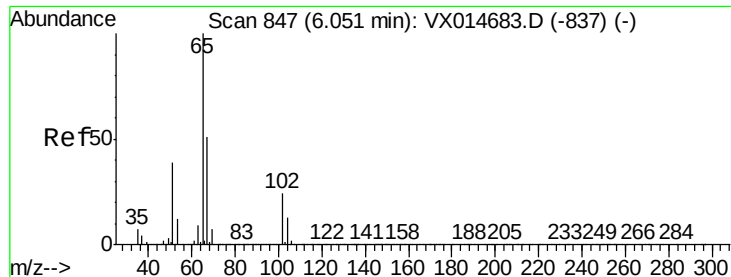
40000

20000

0

Time-->

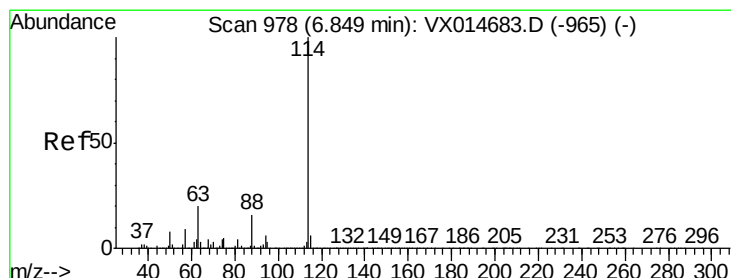
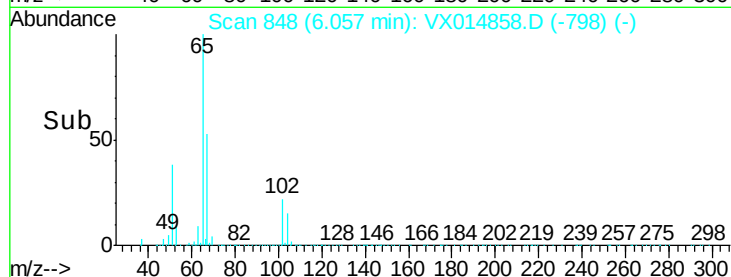
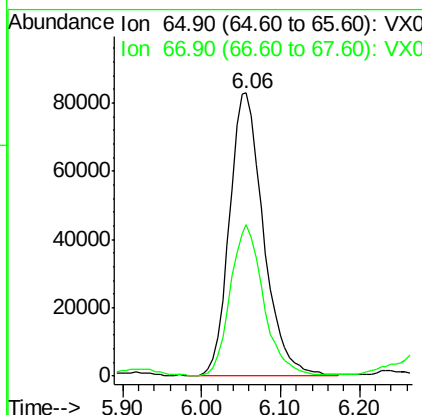
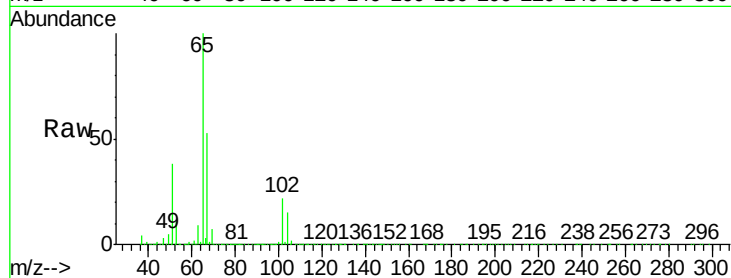




#33
 1,2-Dichloroethane-d4
 Concen: 46.276 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014858.D
 Acq: 06 Feb 2020 19:16

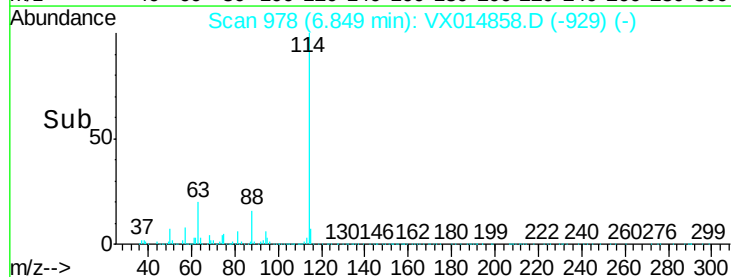
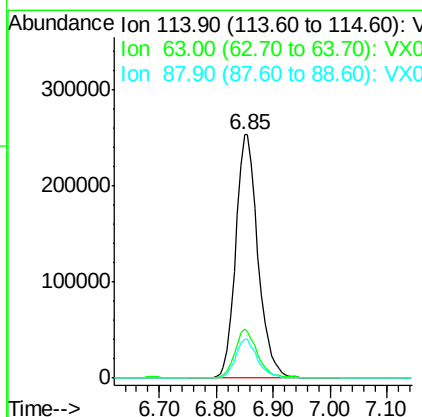
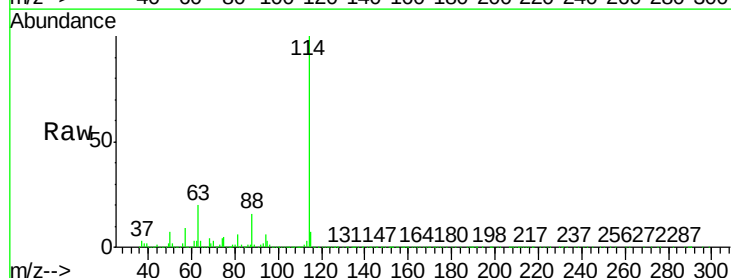
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

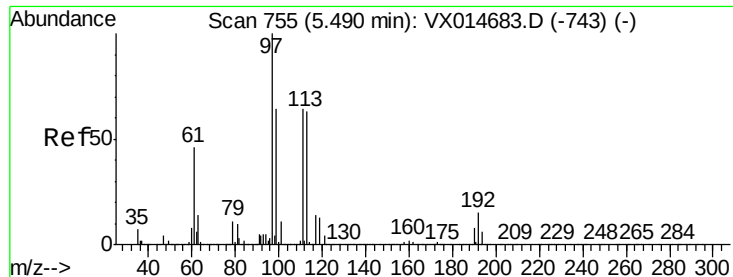
Tot Ion: 65 Resp: 246482
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014858.D
 Acq: 06 Feb 2020 19:16

Tgt Ion: 114 Resp: 691548
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 15.8 0.0 31.2

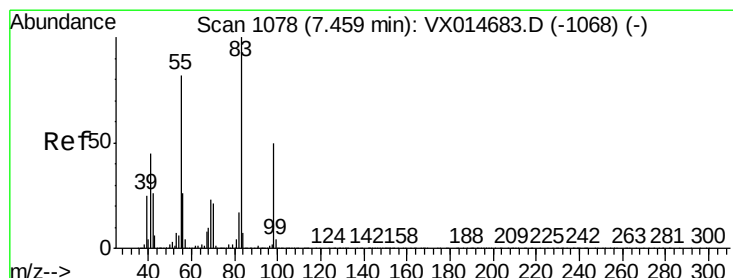
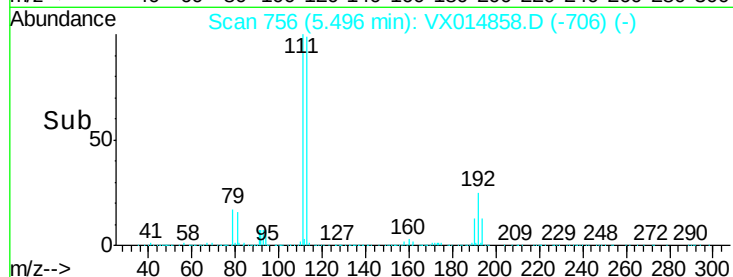
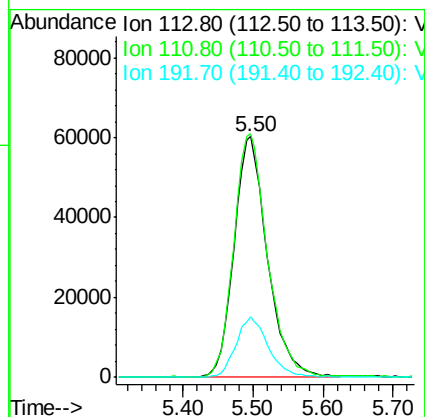
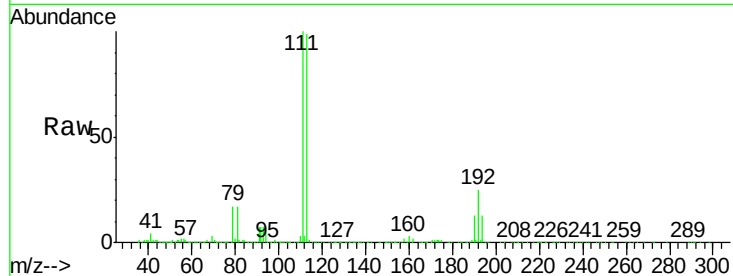




#35
Dibromofluoromethane
Concen: 45.254 ug/l
RT: 5.50 min Scan# 756
Delta R.T. 0.01 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

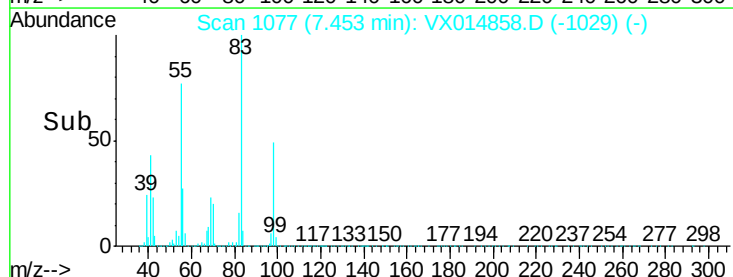
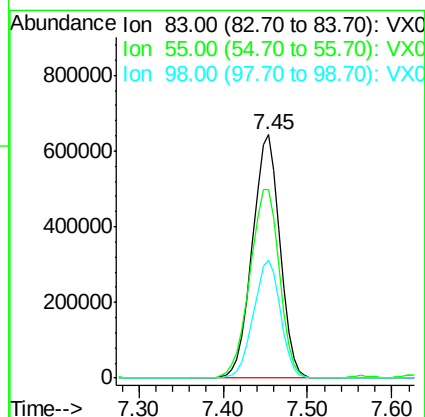
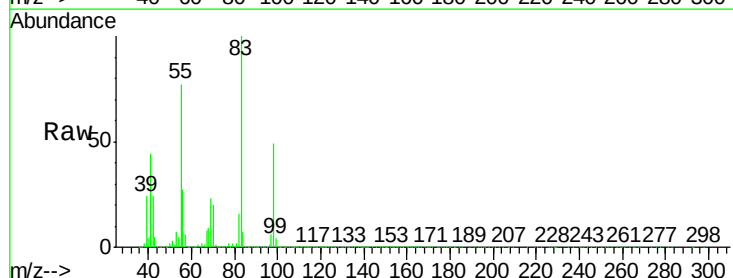
Instrument :
MSVOA_X
ClientSampleId :
SB-1

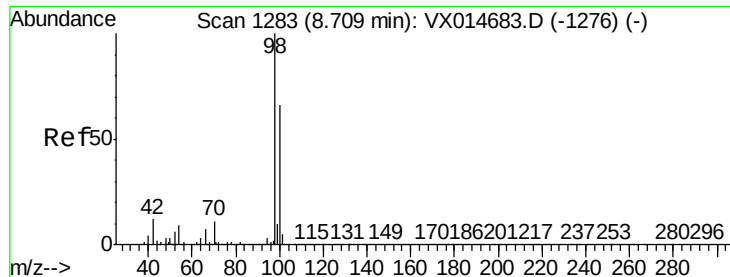
Tot Ion:113 Resp: 197473
Ion Ratio Lower Upper
113 100
111 102.7 80.7 121.1
192 24.4 18.5 27.7



#39
Methylcyclohexane
Concen: 177.035 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion: 83 Resp: 1425153
Ion Ratio Lower Upper
83 100
55 77.1 65.6 98.4
98 48.8 40.2 60.4





#50

Toluene-d8

Concen: 50.055 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampled :

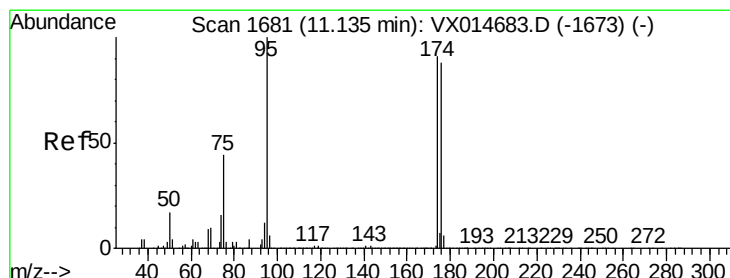
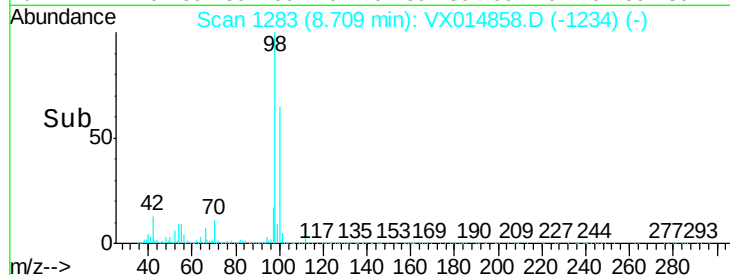
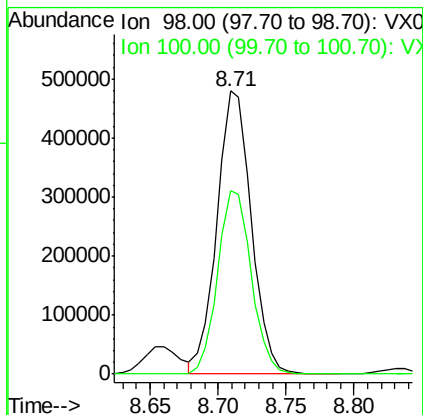
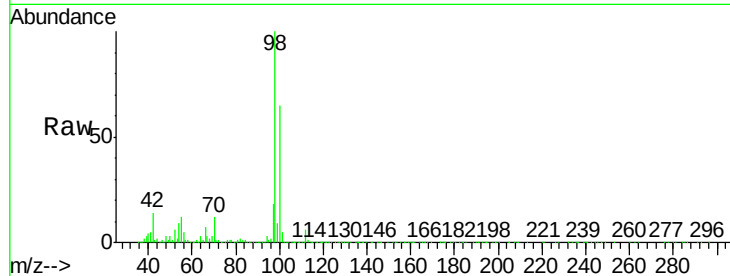
SB-1

Tot Ion: 98 Resp: 839703

Ion Ratio Lower Upper

98 100

100 63.5 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 54.415 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

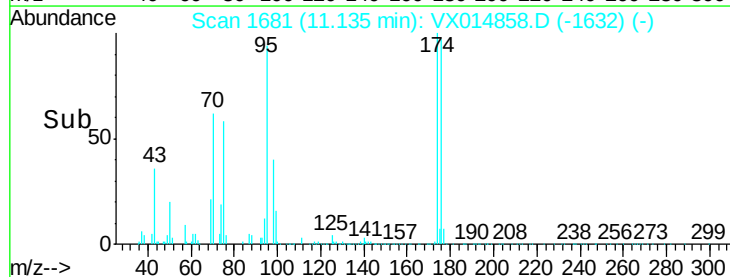
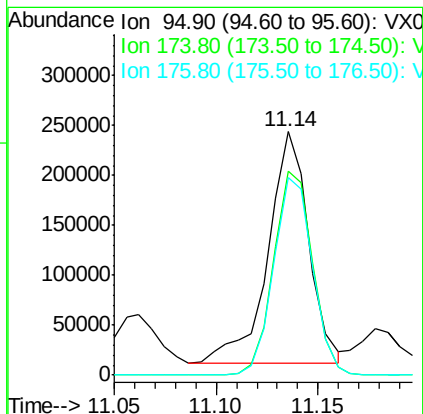
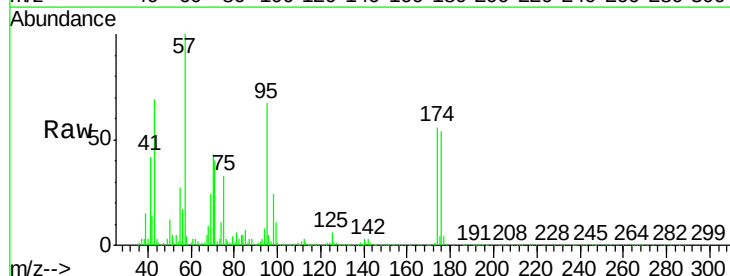
Tgt Ion: 95 Resp: 325174

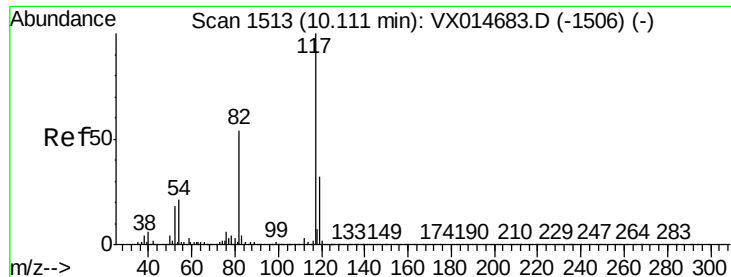
Ion Ratio Lower Upper

95 100

174 84.0 0.0 176.0

176 81.1 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: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampled :

SB-1

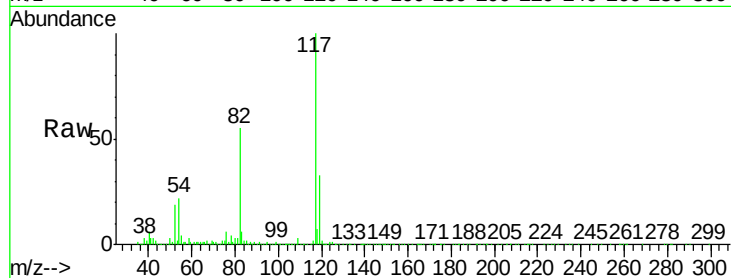
Tot Ion:117 Resp: 619717

Ion Ratio Lower Upper

117 100

82 53.1 43.2 64.8

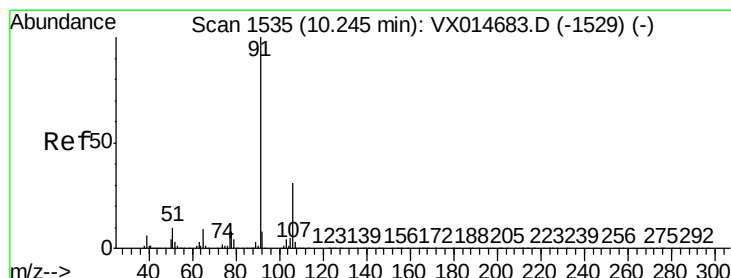
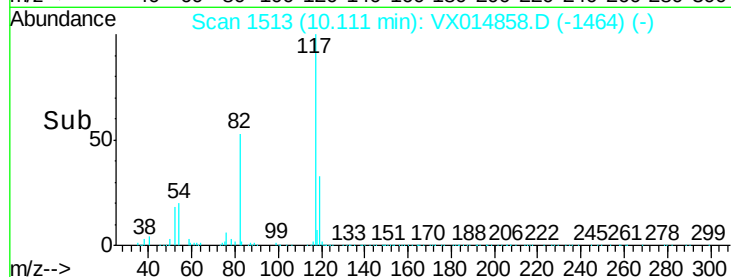
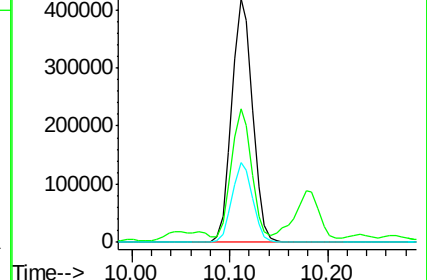
119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 22.230 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX014858.D

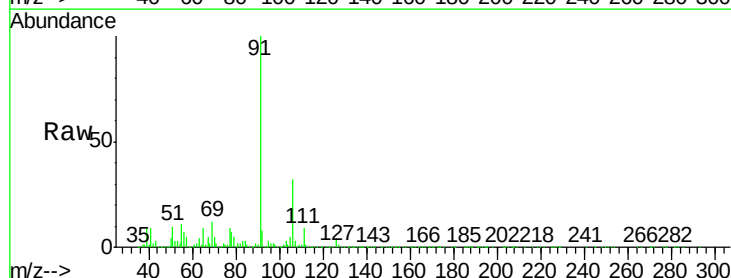
Acq: 06 Feb 2020 19:16

Tgt Ion: 91 Resp: 503131

Ion Ratio Lower Upper

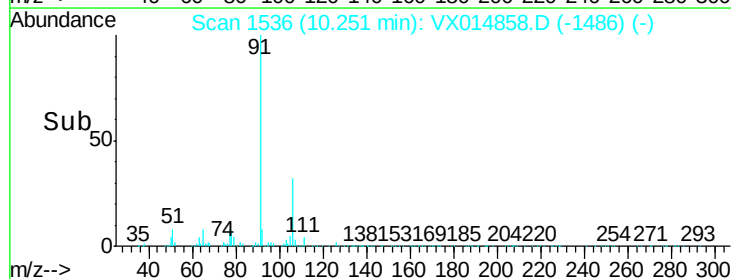
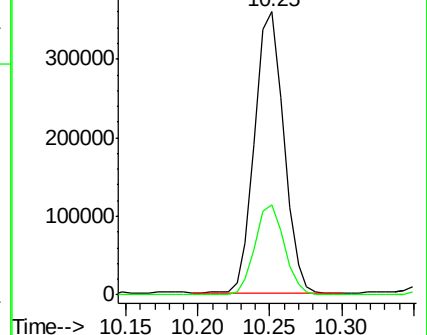
91 100

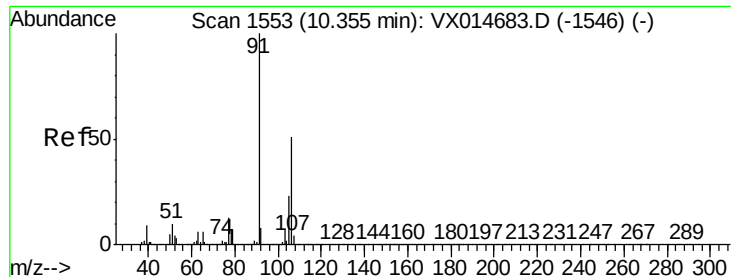
106 31.8 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 1.196 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

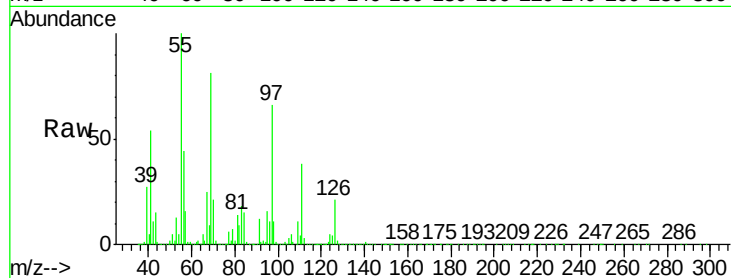
SB-1

Tot Ion:106 Resp: 10253

Ion Ratio Lower Upper

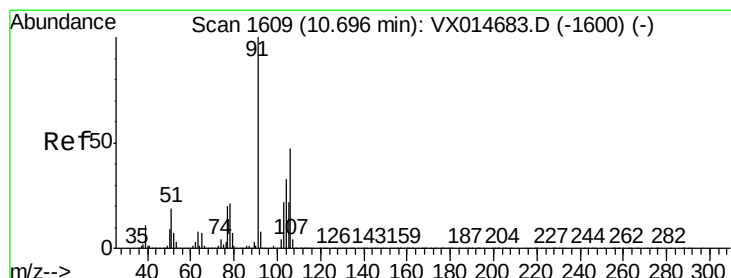
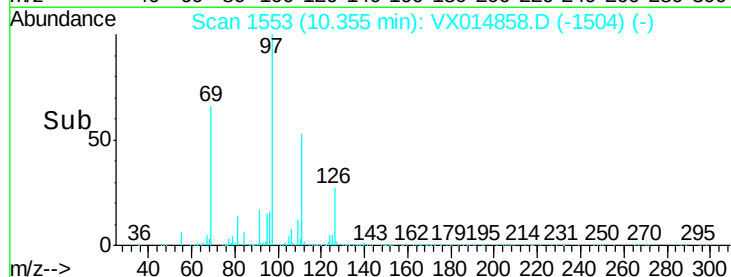
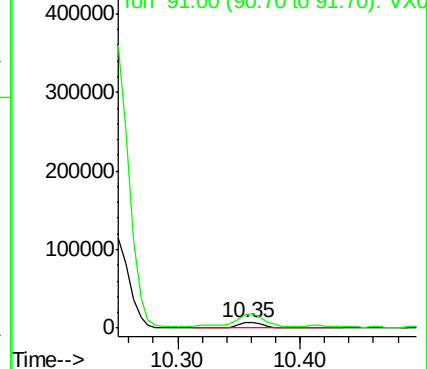
106 100

91 273.6 159.4 239.2#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.755 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014858.D

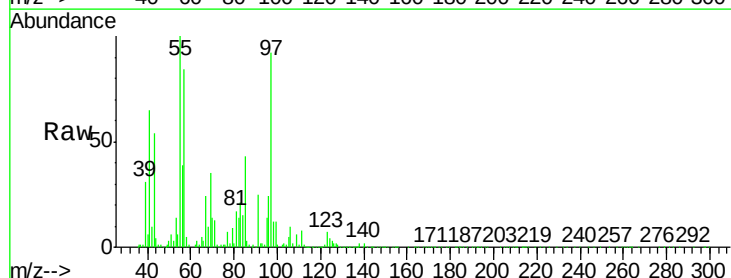
Acq: 06 Feb 2020 19:16

Tgt Ion:106 Resp: 6248

Ion Ratio Lower Upper

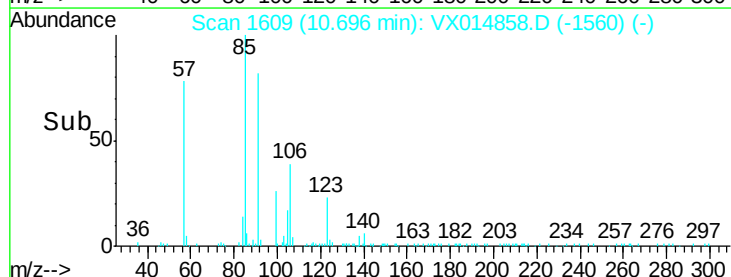
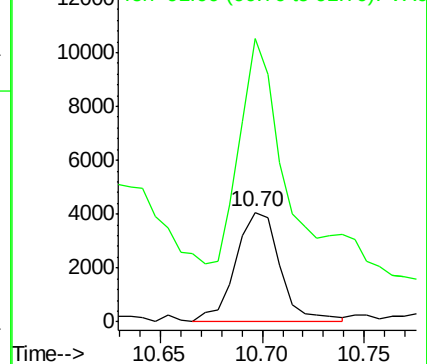
106 100

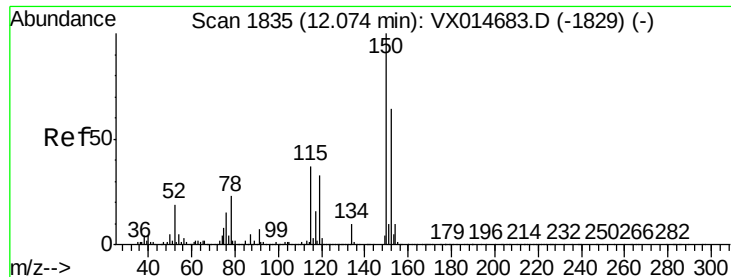
91 253.6 106.2 318.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



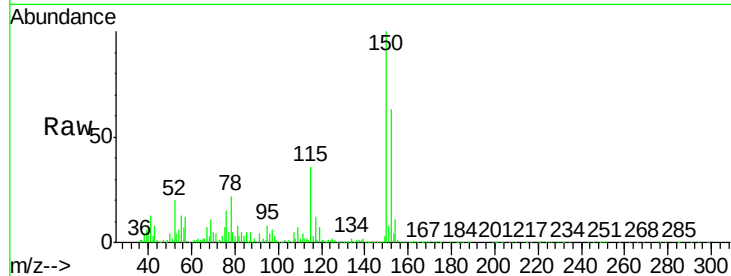


#72

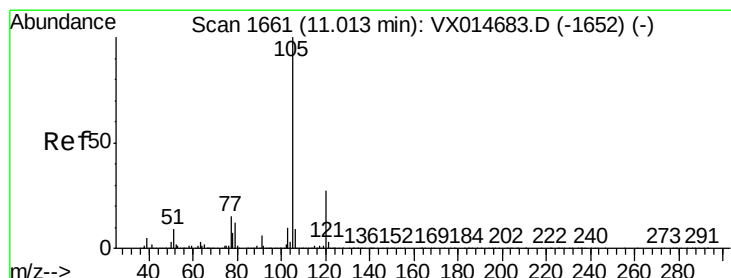
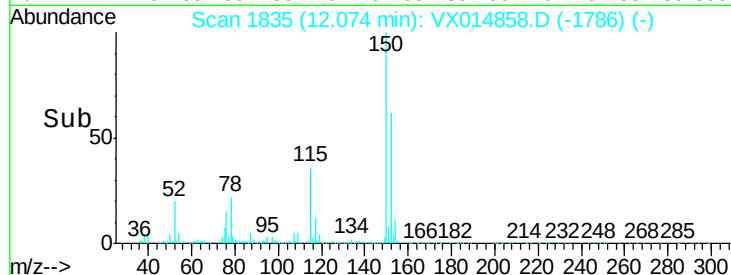
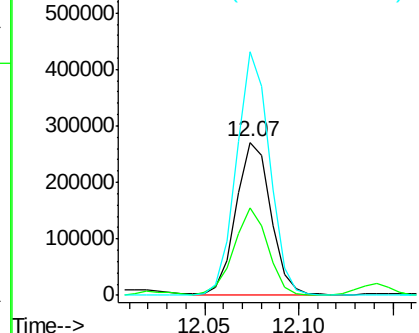
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Instrument :
MSVOA_X
ClientSampled :
SB-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.4	118.1
150	152.4	0.0	351.2



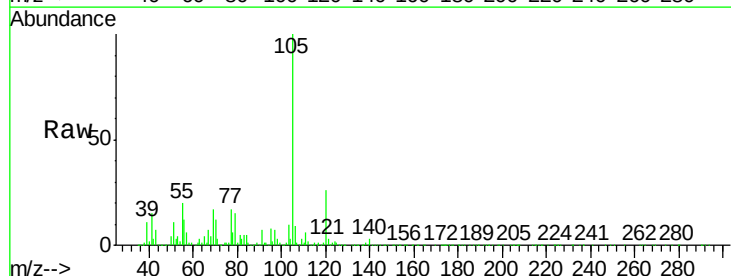
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



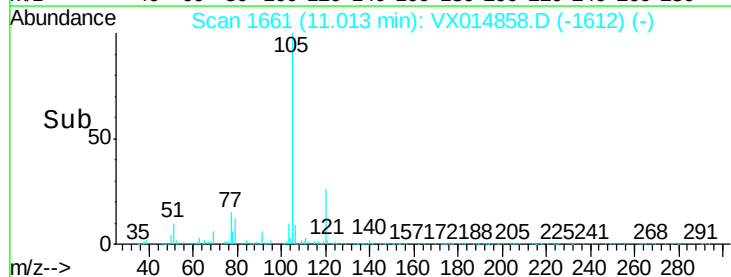
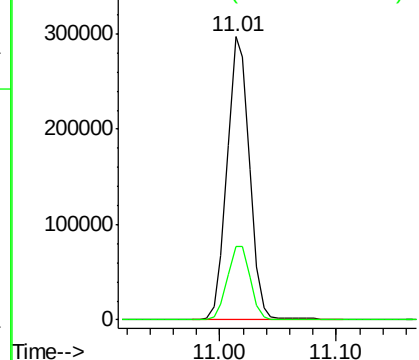
#73

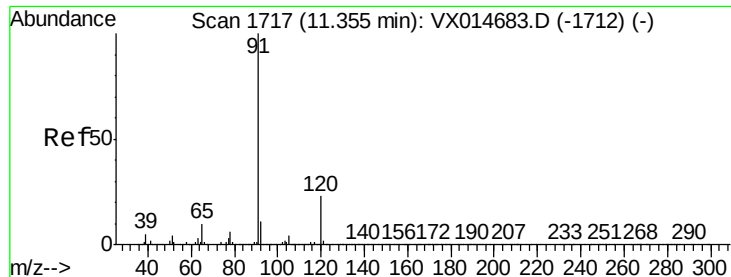
Isopropylbenzene
Concen: 16.215 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	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: 29.327 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

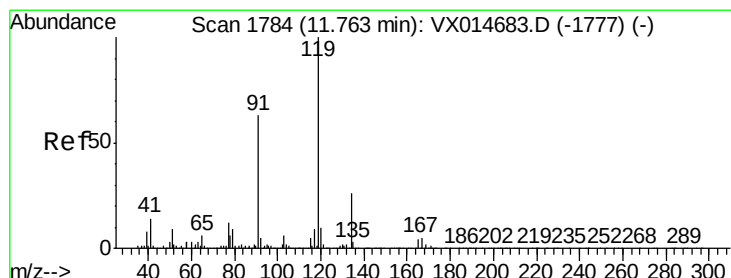
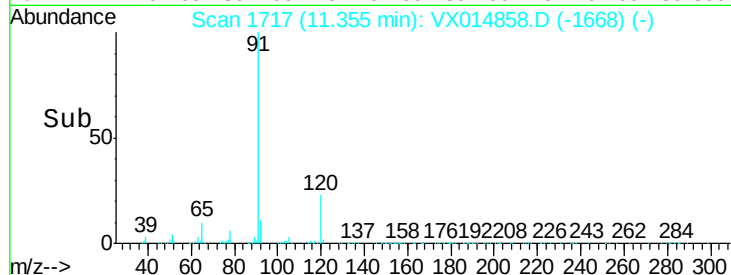
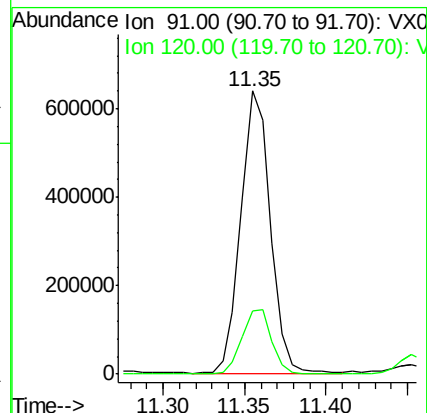
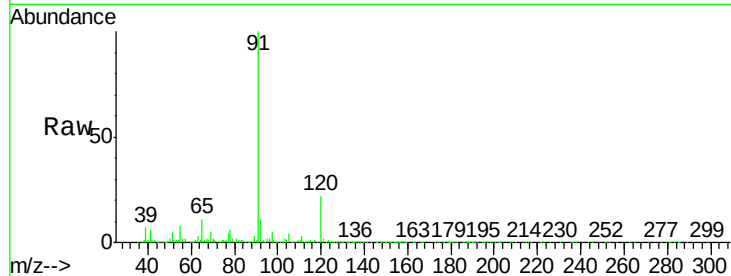
SB-1

Tot Ion: 91 Resp: 804949

Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.0



#83

tert-Butylbenzene

Concen: 1.239 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

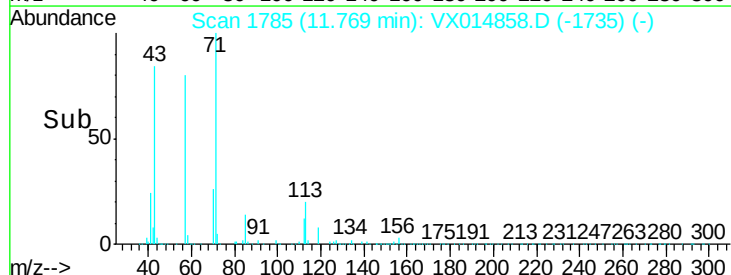
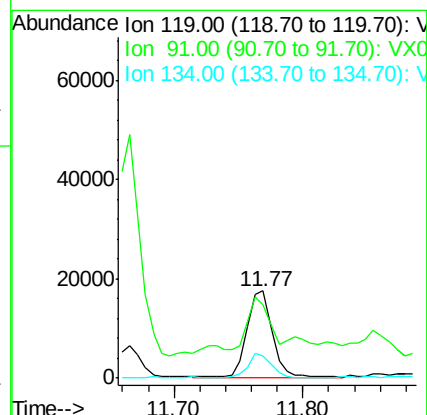
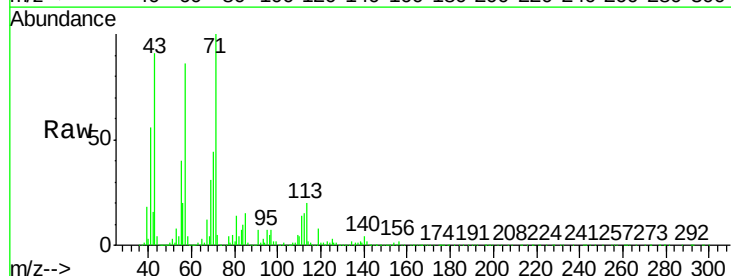
Tgt Ion: 119 Resp: 23369

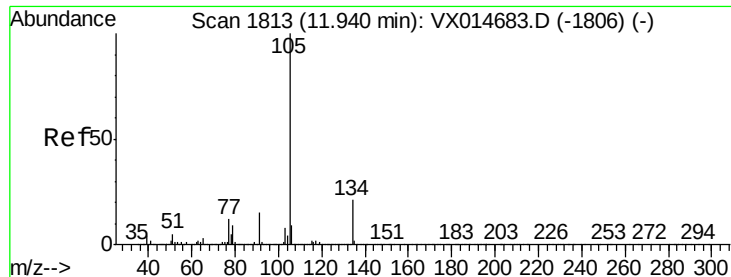
Ion Ratio Lower Upper

119 100

91 52.9 30.0 90.0

134 25.9 12.7 38.0





#85

sec-Butylbenzene

Concen: 20.706 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

Instrument :

MSVOA_X

ClientSampled :

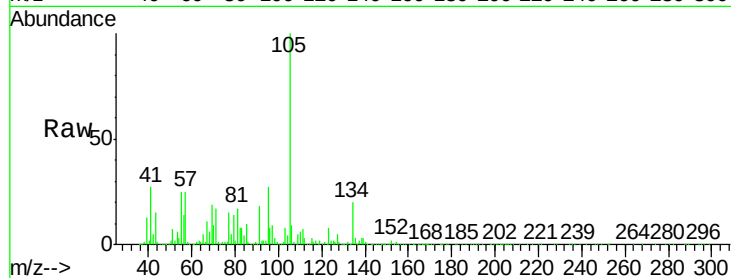
SB-1

Tot Ion:105 Resp: 478366

Ion Ratio Lower Upper

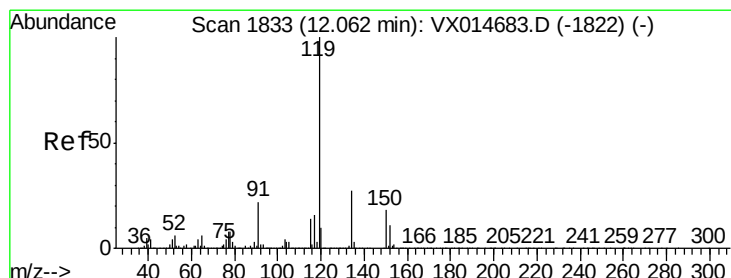
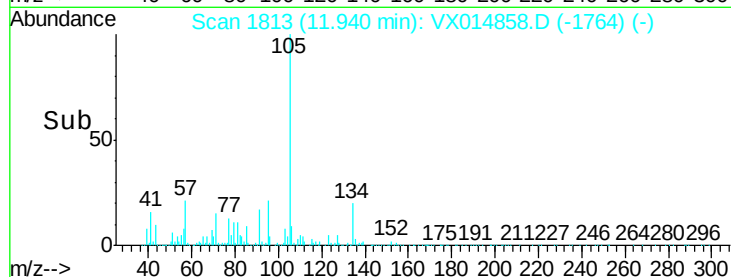
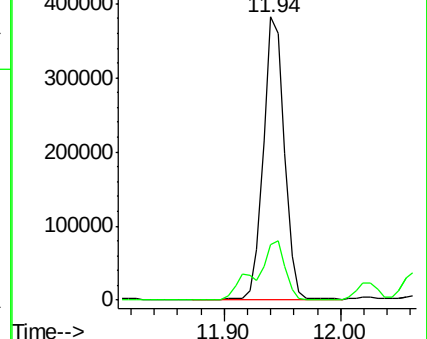
105 100

134 29.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 7.030 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014858.D

Acq: 06 Feb 2020 19:16

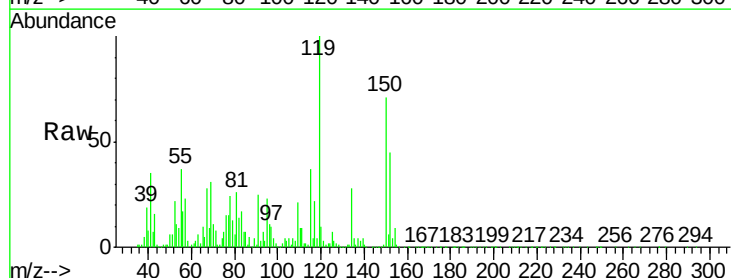
Tgt Ion:119 Resp: 150095

Ion Ratio Lower Upper

119 100

134 28.5 13.5 40.4

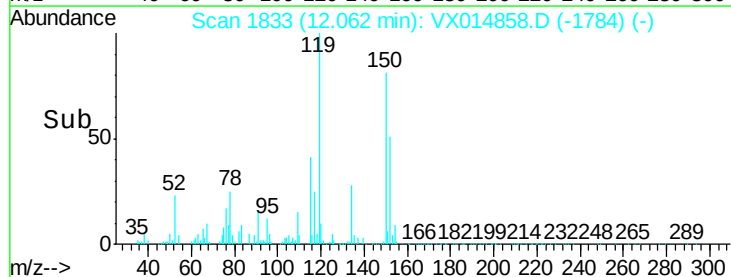
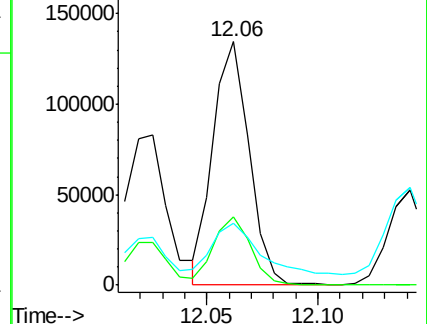
91 27.7 11.3 33.8

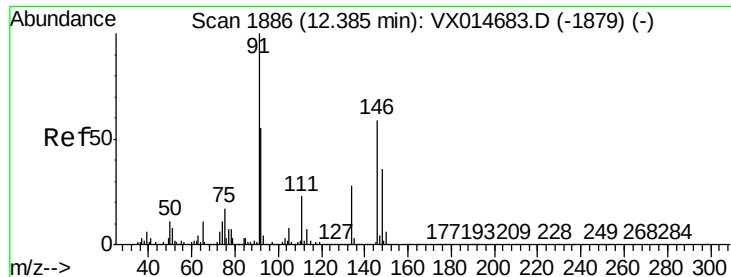


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

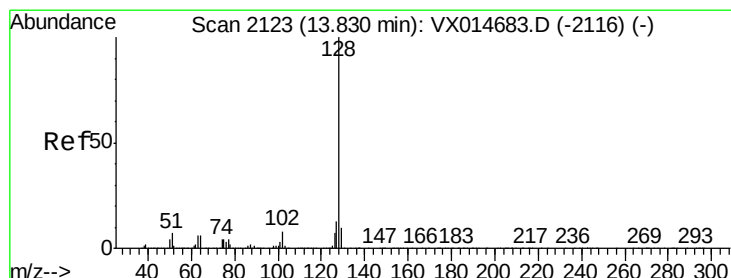
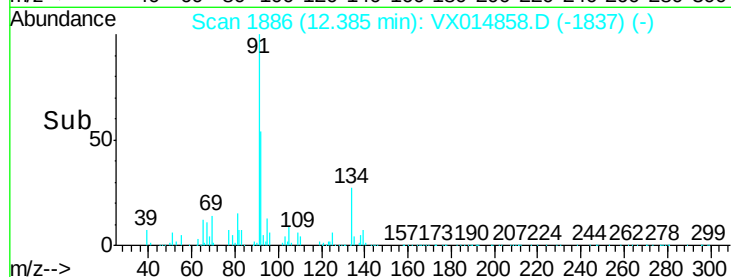
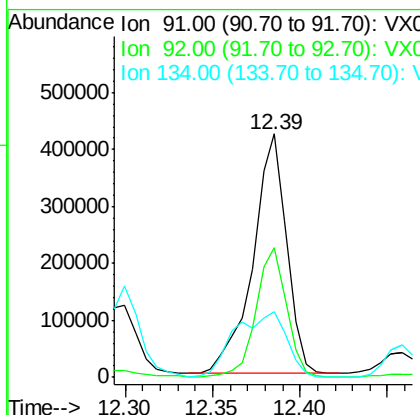
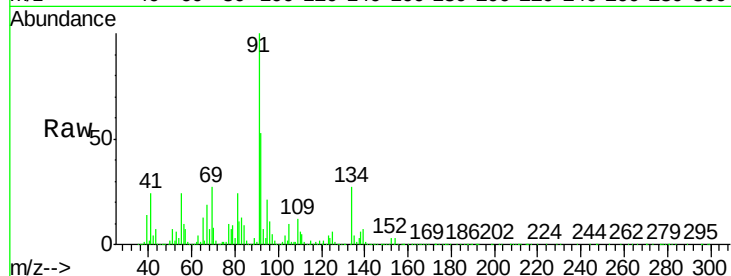




#89
n-Butylbenzene
Concen: 30.425 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Instrument :
MSVOA_X
ClientSampled :
SB-1

Tot Ion: 91 Resp: 565763
Ion Ratio Lower Upper
91 100
92 48.4 27.6 82.7
134 41.8 13.3 39.8#



#95
Naphthalene
Concen: 106.347 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014858.D
Acq: 06 Feb 2020 19:16

Tgt Ion: 128 Resp: 2589450
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 13.5 8.6 12.8#

