

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
 Data File : VX014848.D
 Acq On : 06 Feb 2020 15:24
 Operator : JC/SP
 Sample : L1363-01ME
 Misc : 6.80g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-020320ME

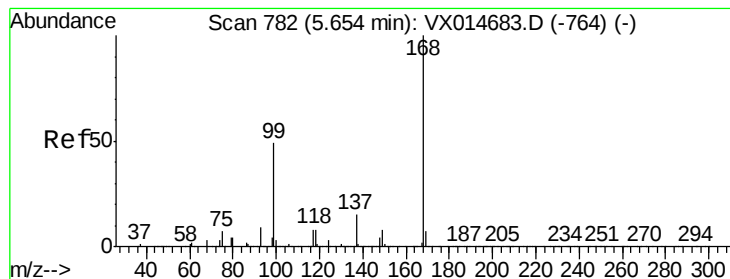
Quant Time: Feb 07 01:20:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	452344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	692547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	640955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326732	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	250748	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
35) Dibromofluoromethane	5.49	113	198608	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	
50) Toluene-d8	8.71	98	821286	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.14	95	305348	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
52) Toluene	8.78	92	12494	1.022	ug/l	99
67) Ethyl Benzene	10.25	91	63752	2.723	ug/l	97
68) m/p-Xylenes	10.36	106	112611	12.698	ug/l	98
69) o-Xylene	10.70	106	80169	9.364	ug/l	100
73) Isopropylbenzene	11.01	105	49166	2.140	ug/l	95
78) n-propylbenzene	11.35	91	209292	8.026	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	394094	20.669	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1226786	64.145	ug/l	100
85) sec-Butylbenzene	11.94	105	118938	5.419	ug/l #	76
86) p-Isopropyltoluene	12.06	119	101308	4.994	ug/l	100
89) n-Butylbenzene	12.39	91	301112	17.044	ug/l #	44
95) Naphthalene	13.83	128	76932	4.228	ug/l #	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

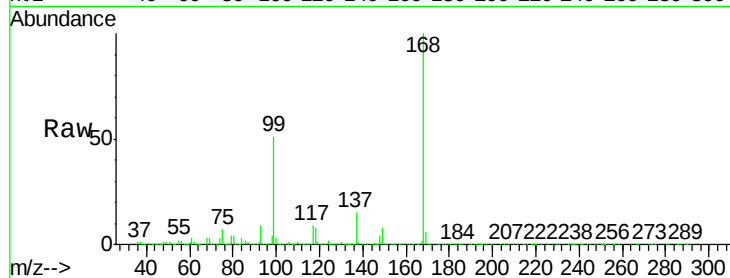
HR-06-020320ME

Tot Ion:168 Resp: 452344

Ion Ratio Lower Upper

168 100

99 51.0 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

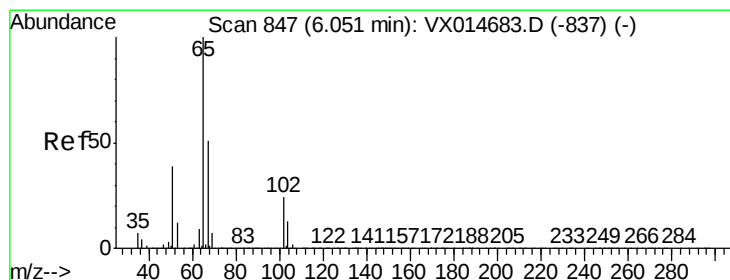
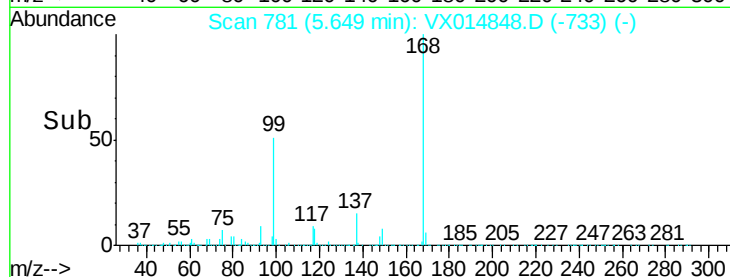
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.469 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014848.D

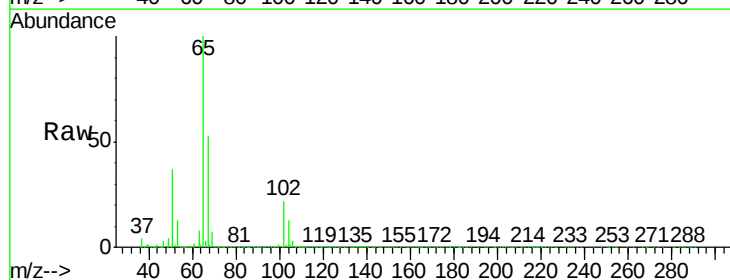
Acq: 06 Feb 2020 15:24

Tgt Ion: 65 Resp: 250748

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

100000

80000

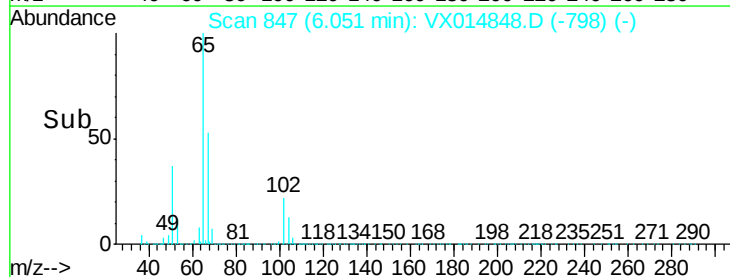
60000

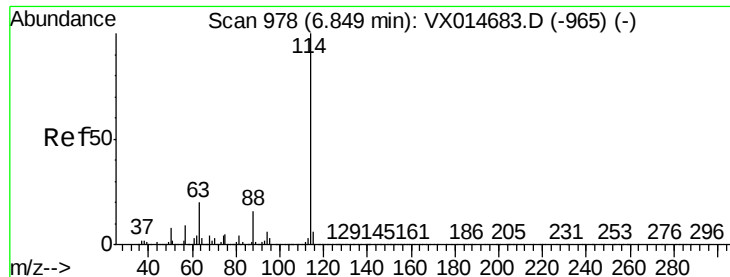
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

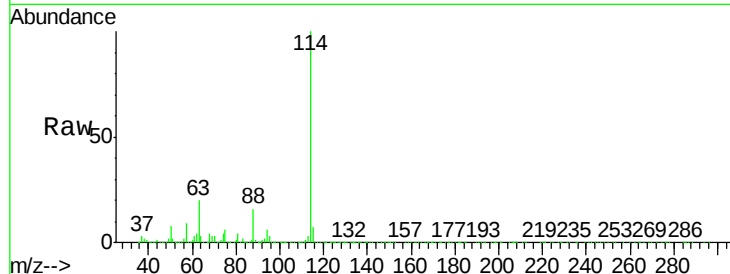
Instrument :

MSVOA_X

ClientSampleId :

HR-06-020320ME

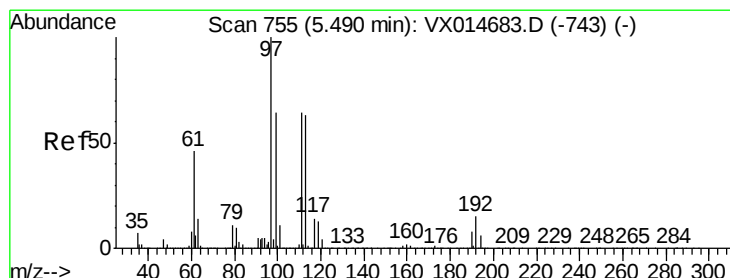
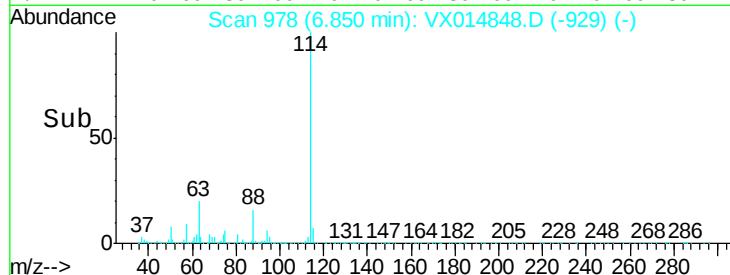
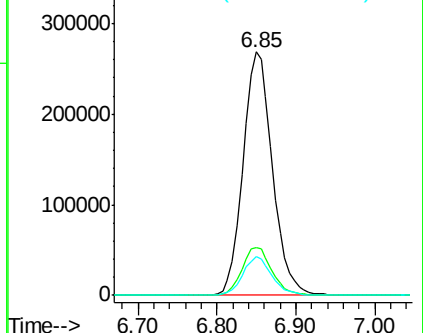
Tot Ion:	114	Resp:	692547
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.6
88	16.1	0.0	31.2



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: 45.449 ug/l

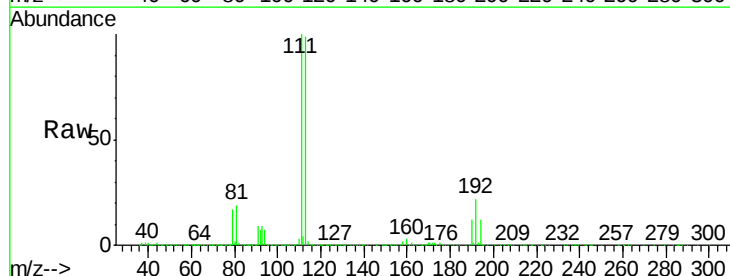
RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

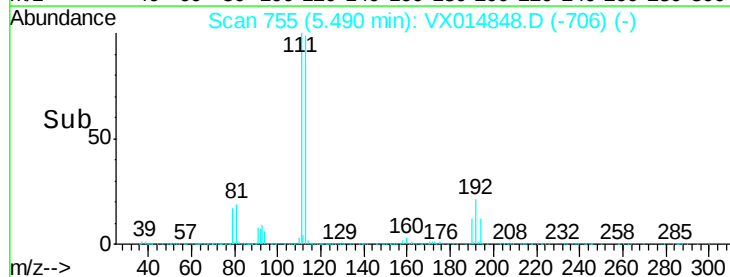
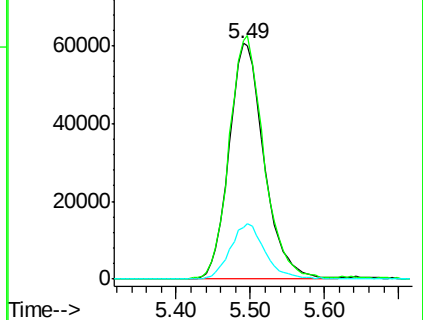
Tgt Ion:	113	Resp:	198608
Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.7	121.1
192	23.5	18.5	27.7

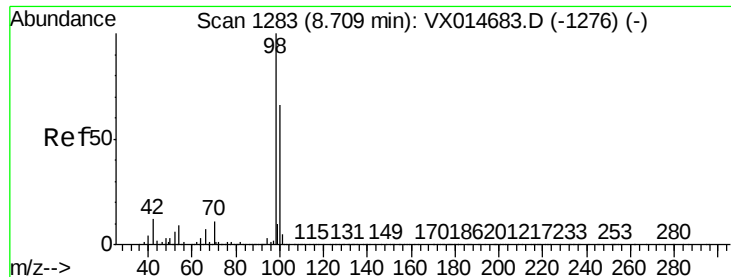


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.887 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

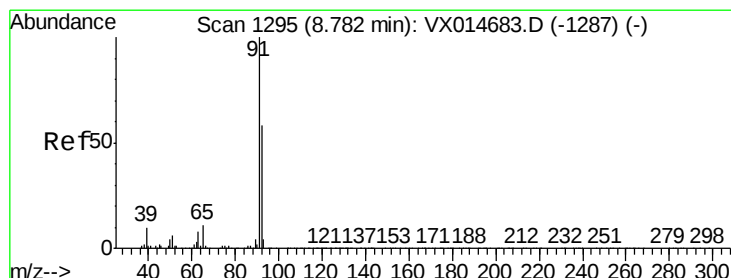
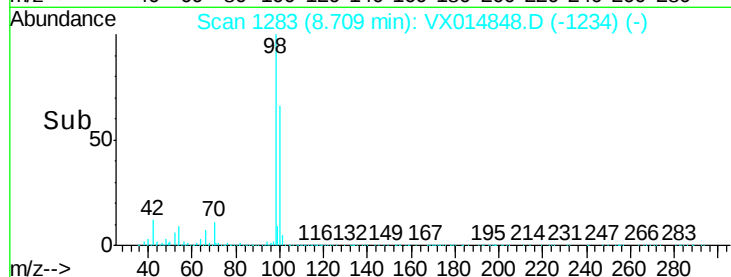
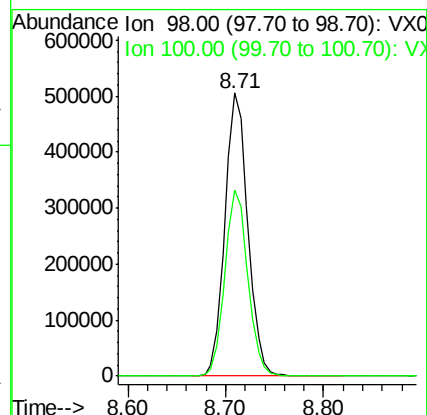
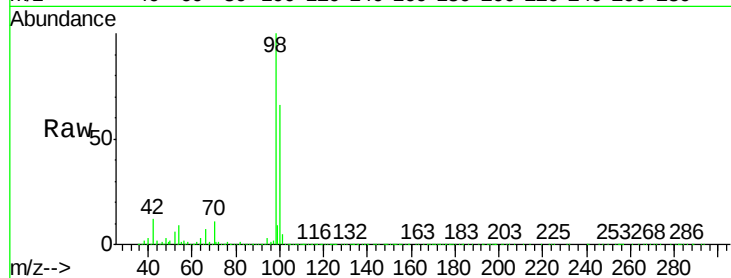
HR-06-020320ME

Tot Ion: 98 Resp: 821286

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6



#52

Toluene

Concen: 1.022 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014848.D

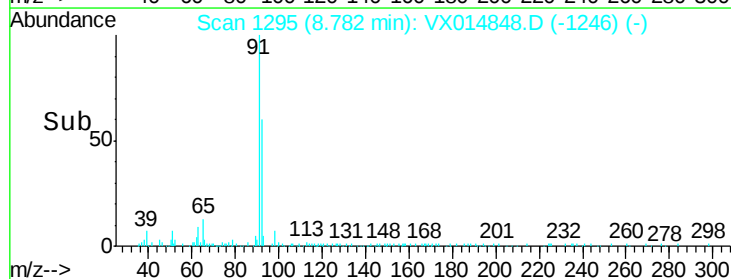
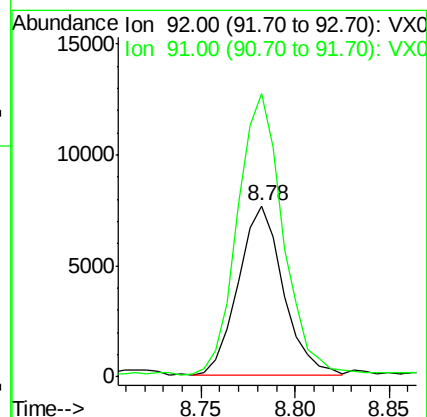
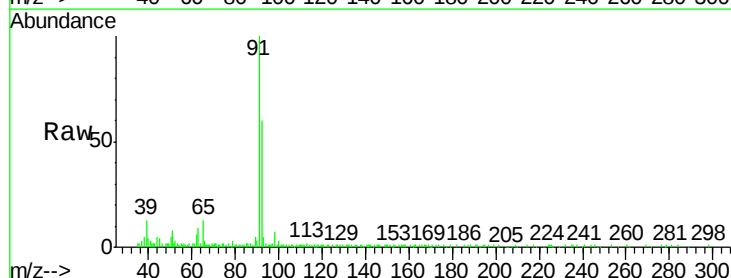
Acq: 06 Feb 2020 15:24

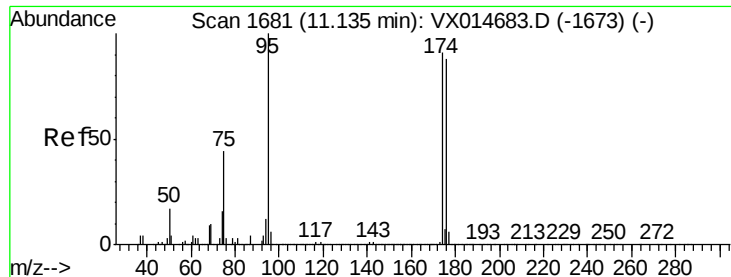
Tgt Ion: 92 Resp: 12494

Ion Ratio Lower Upper

92 100

91 171.0 135.9 203.9





#62

4-Bromofluorobenzene

Concen: 51.024 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

HR-06-020320ME

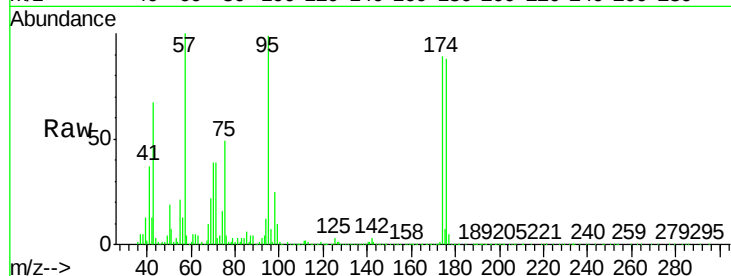
Tot Ion: 95 Resp: 305348

Ion Ratio Lower Upper

95 100

174 90.4 0.0 176.0

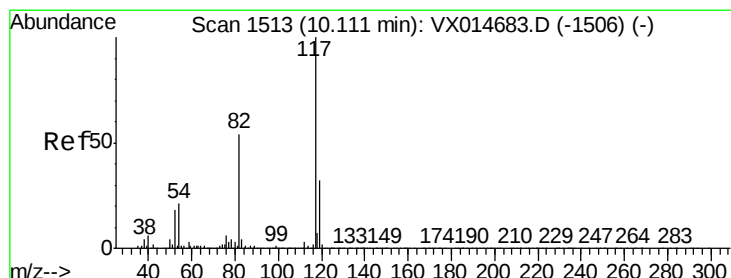
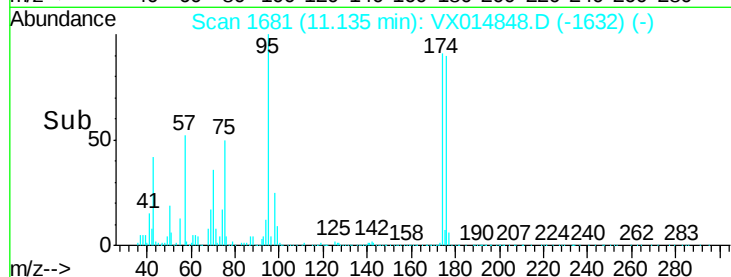
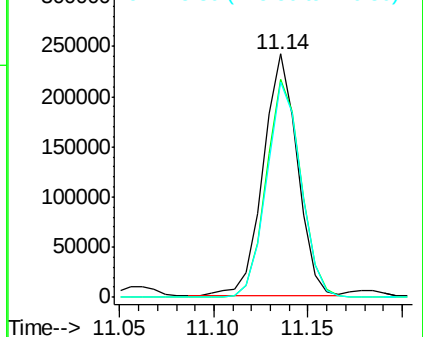
176 88.6 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

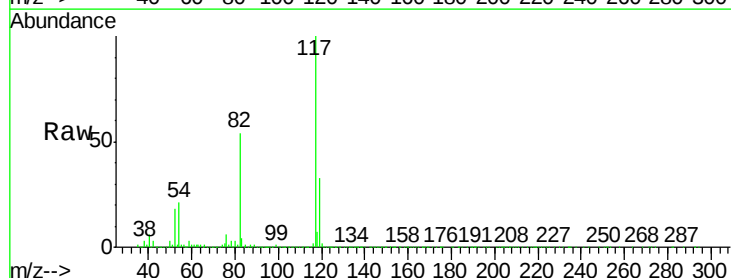
Tgt Ion: 117 Resp: 640955

Ion Ratio Lower Upper

117 100

82 54.0 43.2 64.8

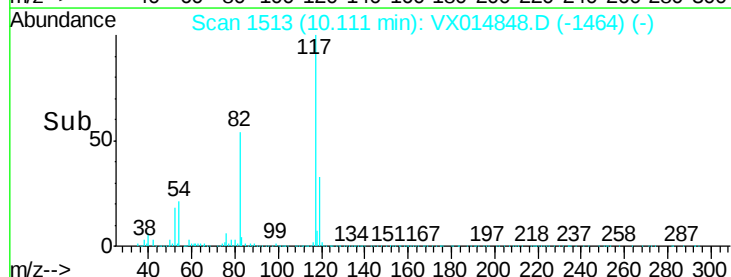
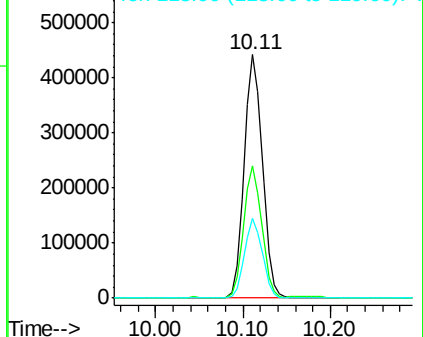
119 32.6 25.8 38.6

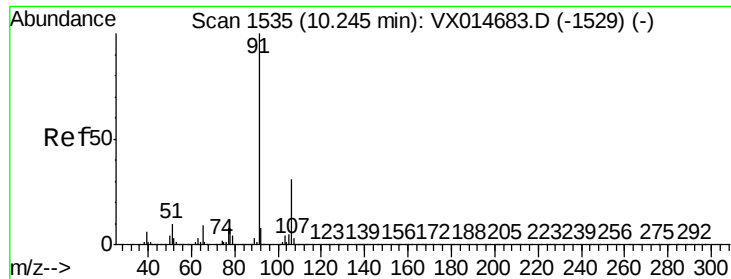


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 2.723 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

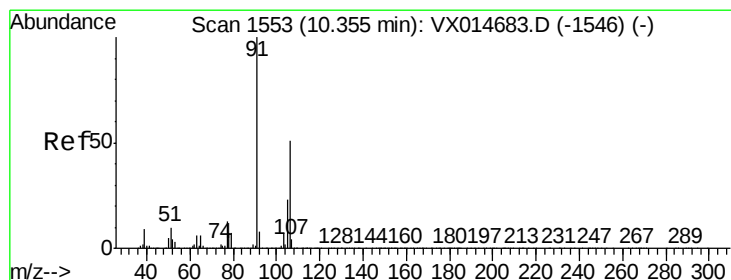
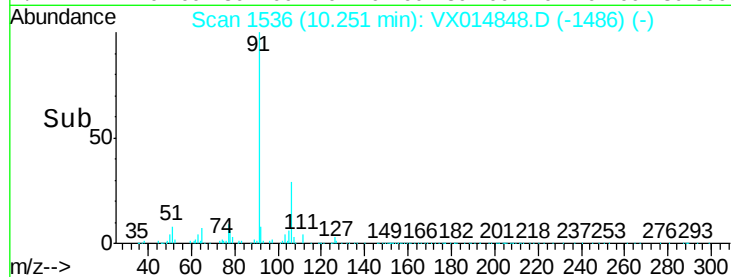
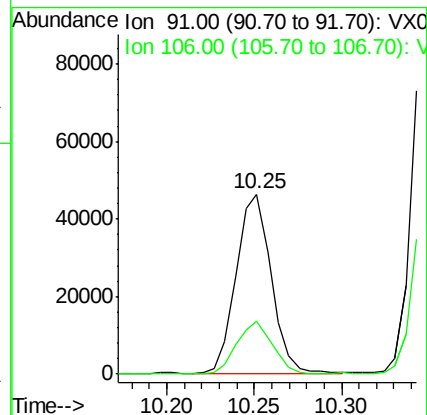
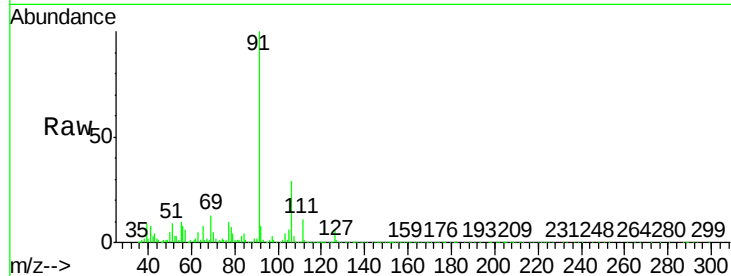
HR-06-020320ME

Tot Ion: 91 Resp: 63752

Ion Ratio Lower Upper

91 100

106 29.2 24.9 37.3



#68

m/p-Xylenes

Concen: 12.698 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014848.D

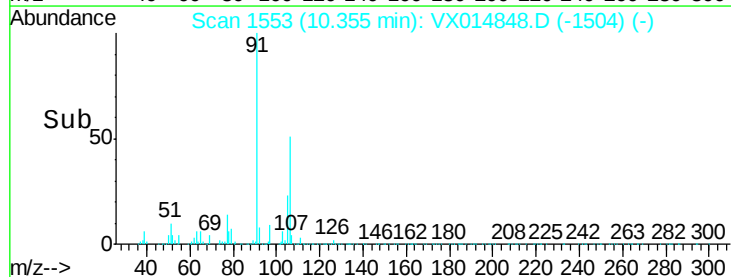
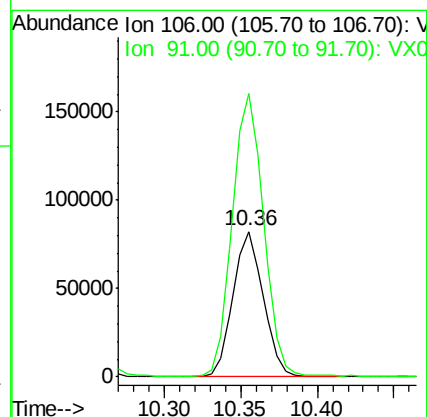
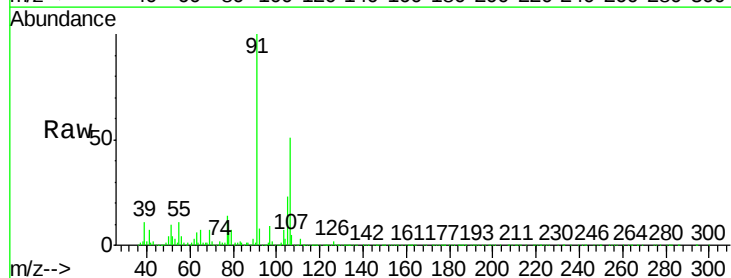
Acq: 06 Feb 2020 15:24

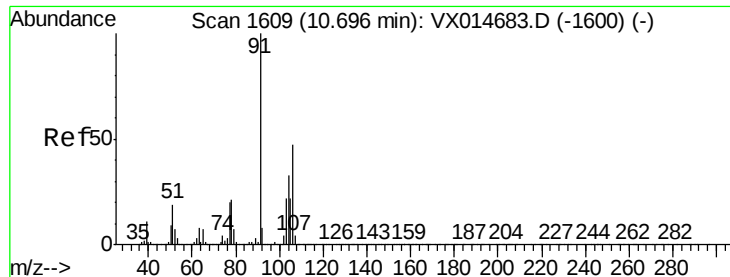
Tgt Ion: 106 Resp: 112611

Ion Ratio Lower Upper

106 100

91 202.2 159.4 239.2

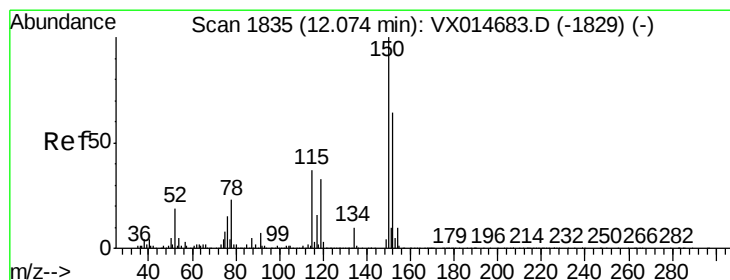
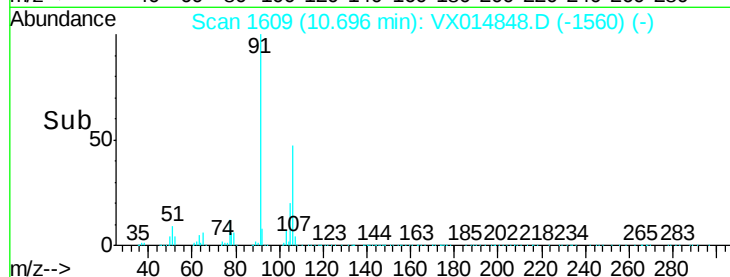
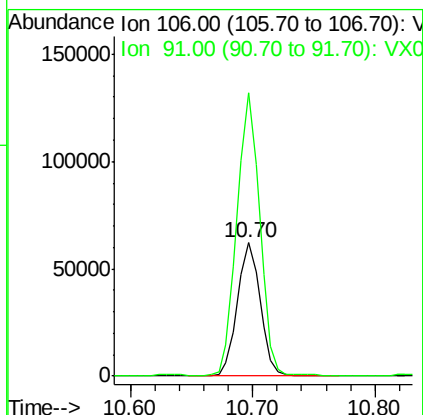
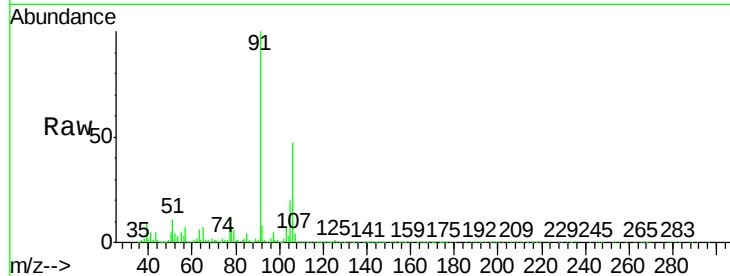




#69
o-Xylene
Concen: 9.364 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

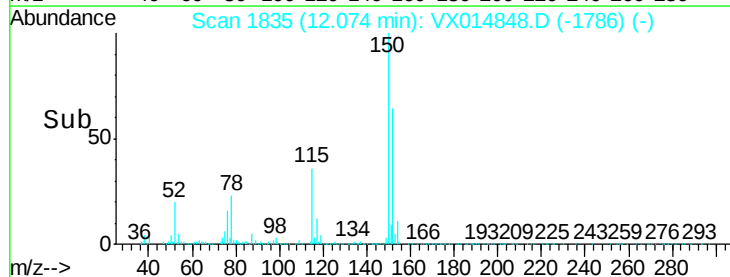
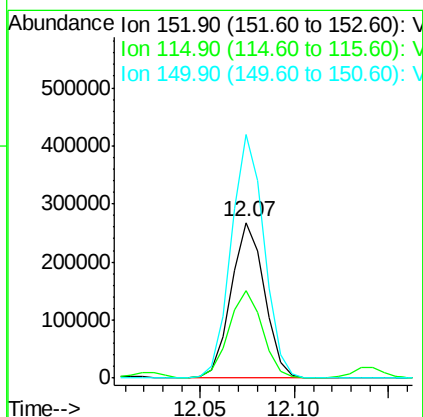
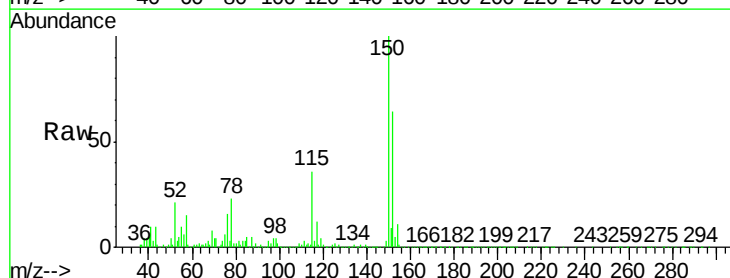
Instrument :
MSVOA_X
ClientSampleId :
HR-06-020320ME

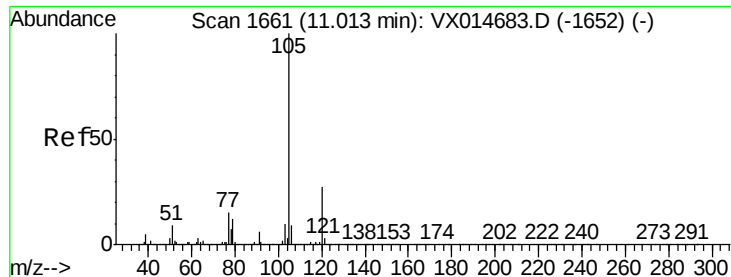
Tot Ion:106 Resp: 80169
Ion Ratio Lower Upper
106 100
91 212.6 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014848.D
Acq: 06 Feb 2020 15:24

Tgt Ion:152 Resp: 326732
Ion Ratio Lower Upper
152 100
115 57.3 39.4 118.1
150 155.3 0.0 351.2





#73

Isopropylbenzene

Concen: 2.140 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

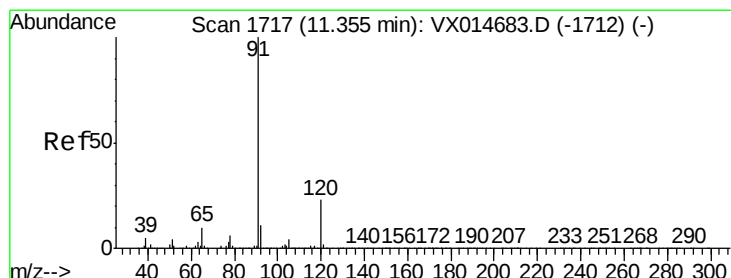
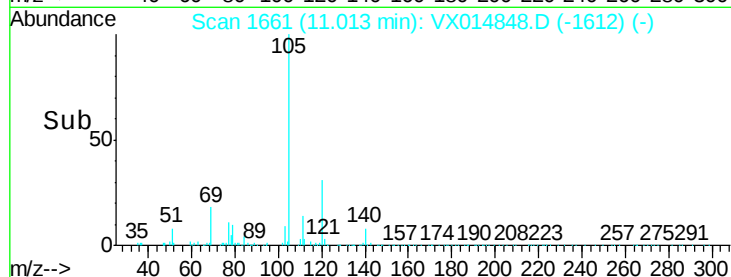
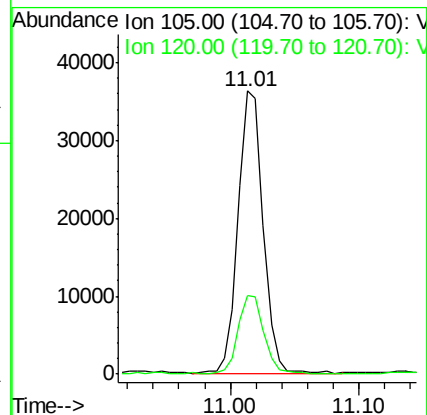
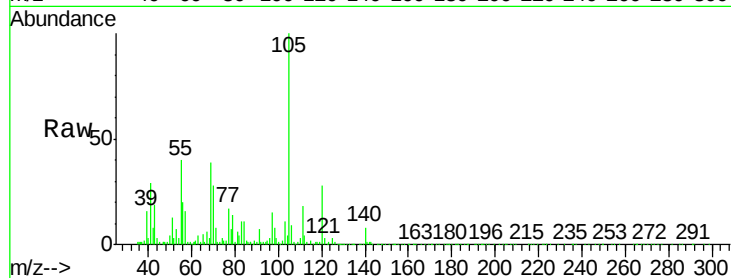
HR-06-020320ME

Tot Ion:105 Resp: 49166

Ion Ratio Lower Upper

105 100

120 29.3 13.5 40.5



#78

n-propylbenzene

Concen: 8.026 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014848.D

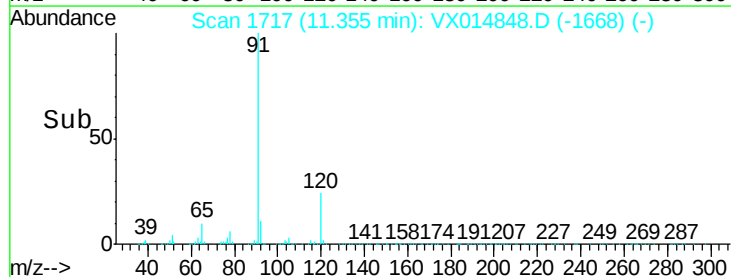
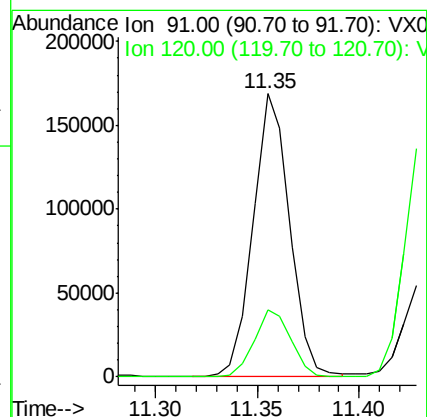
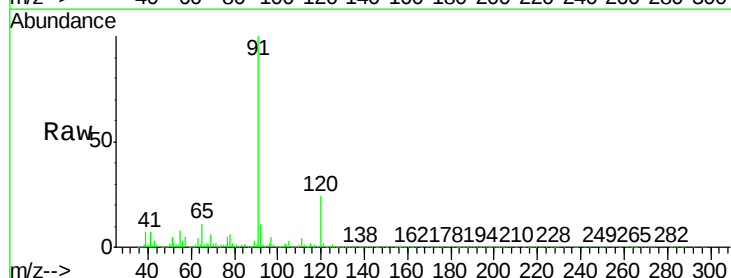
Acq: 06 Feb 2020 15:24

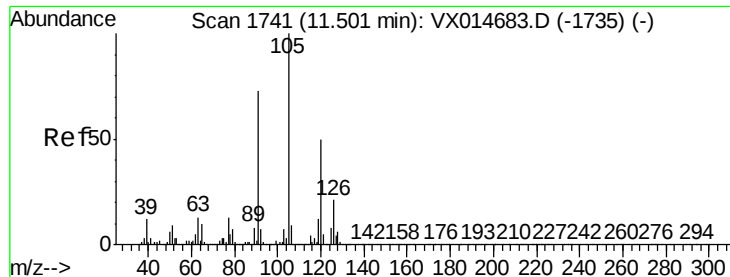
Tgt Ion: 91 Resp: 209292

Ion Ratio Lower Upper

91 100

120 24.0 11.7 35.0

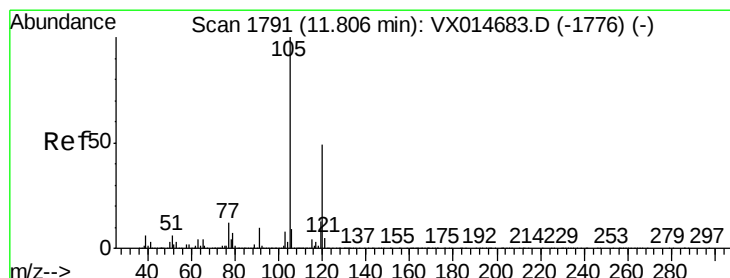
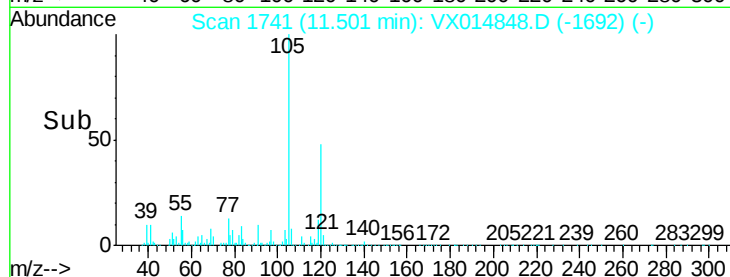
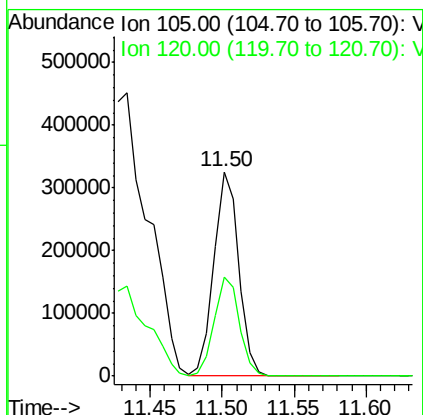
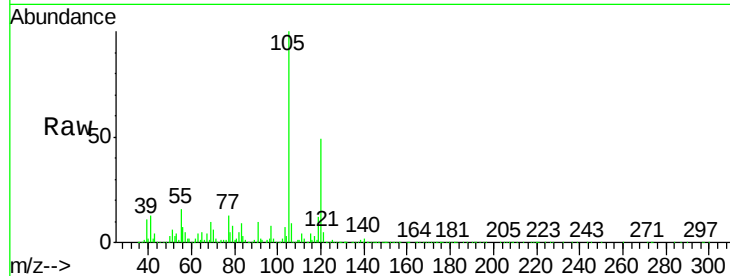




#80
 1,3,5-Trimethylbenzene
 Concen: 20.669 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014848.D
 Acq: 06 Feb 2020 15:24

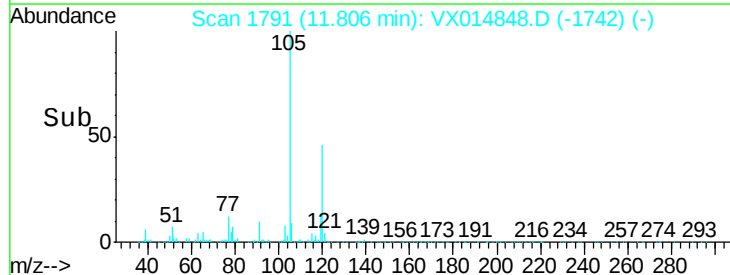
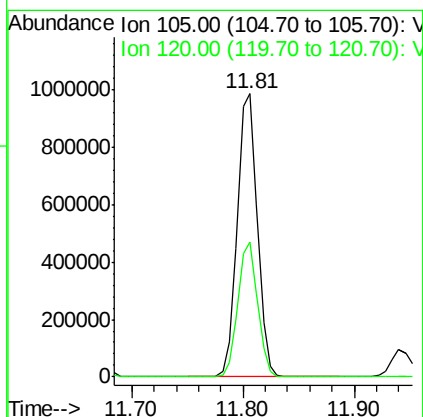
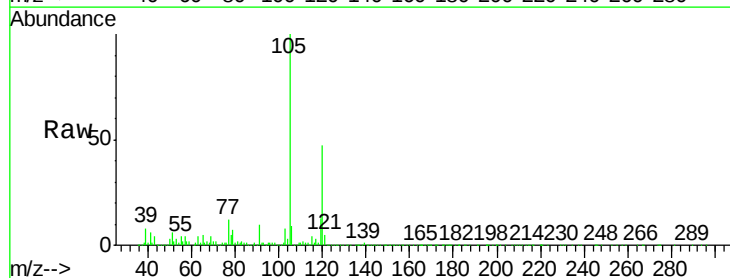
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-020320ME

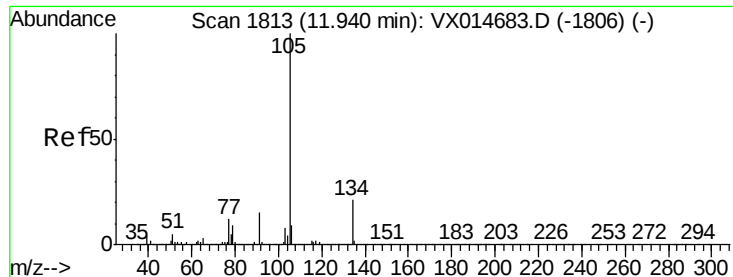
Tot Ion:105 Resp: 394094
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.9 74.6



#84
 1,2,4-Trimethylbenzene
 Concen: 64.145 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX014848.D
 Acq: 06 Feb 2020 15:24

Tgt Ion:105 Resp: 1226786
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.0

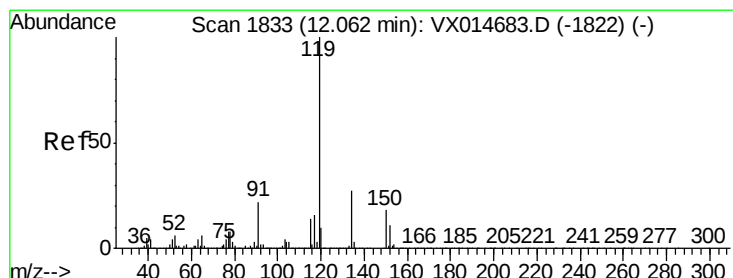
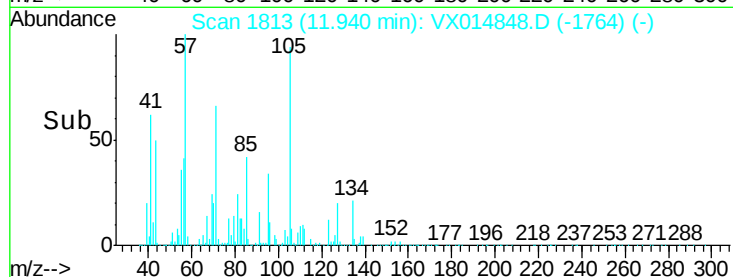
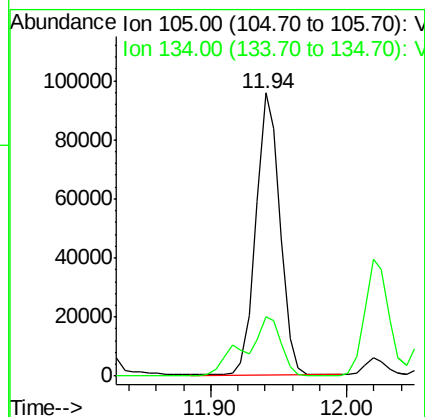
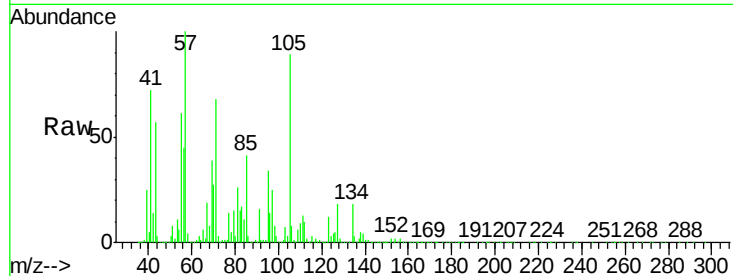




#85
 sec-Butylbenzene
 Concen: 5.419 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014848.D
 Acq: 06 Feb 2020 15:24

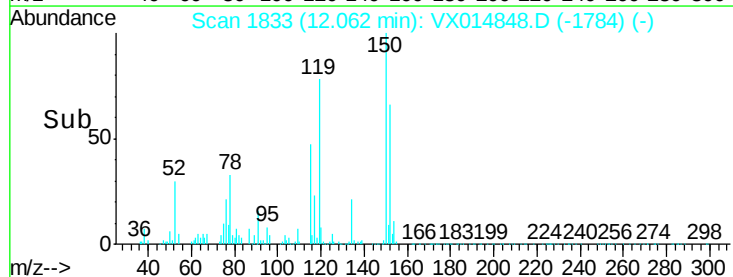
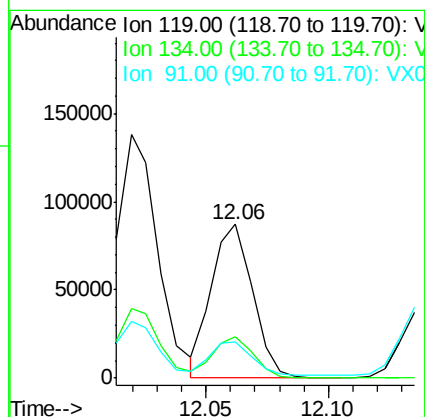
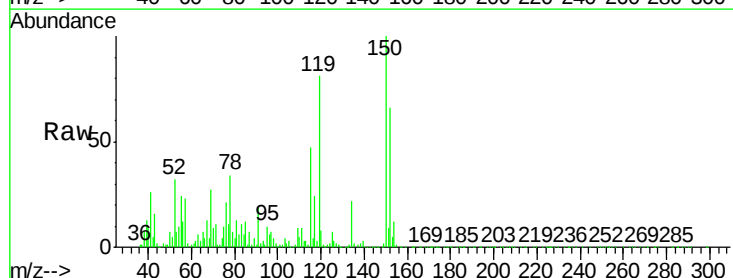
Instrument :
 MSVOA_X
 ClientSampled :
 HR-06-020320ME

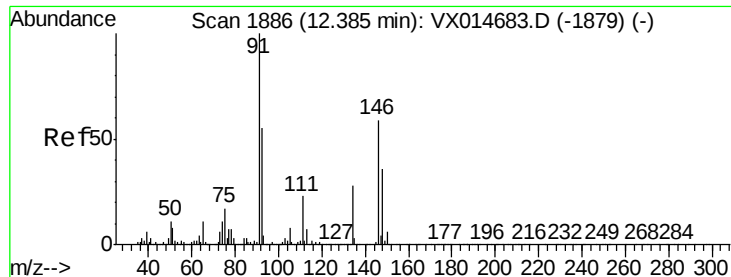
Tot Ion:105 Resp: 118938
 Ion Ratio Lower Upper
 105 100
 134 31.8 10.3 30.8#



#86
 p-Isopropyltoluene
 Concen: 4.994 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014848.D
 Acq: 06 Feb 2020 15:24

Tgt Ion:119 Resp: 101308
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 22.5 11.3 33.8





#89

n-Butylbenzene

Concen: 17.044 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

HR-06-020320ME

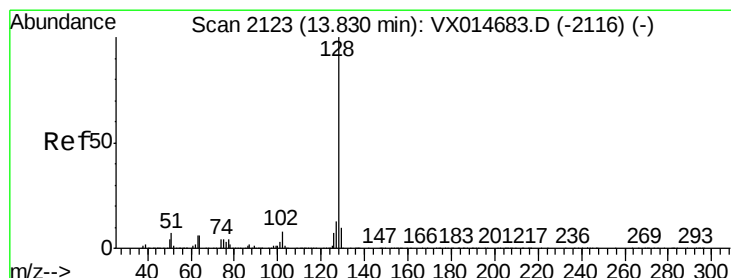
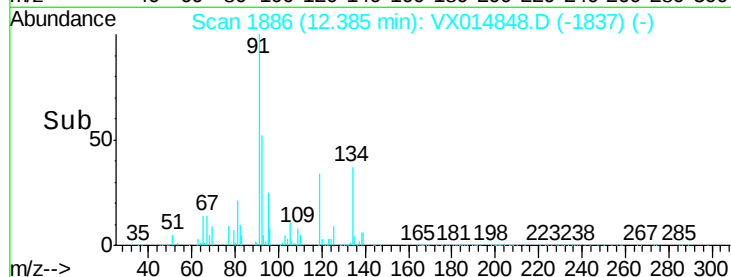
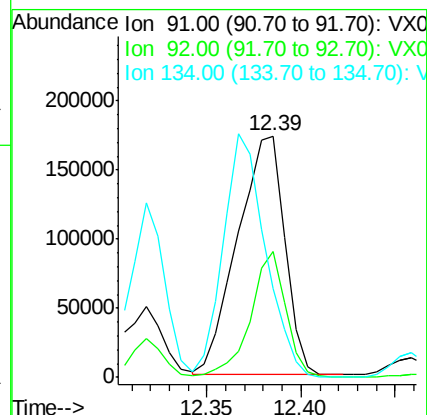
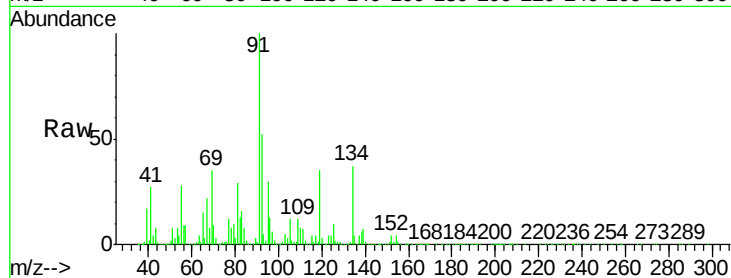
Tot Ion: 91 Resp: 301112

Ion Ratio Lower Upper

91 100

92 38.7 27.6 82.7

134 90.5 13.3 39.8#



#95

Naphthalene

Concen: 4.228 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014848.D

Acq: 06 Feb 2020 15:24

Tgt Ion:128 Resp: 76932

Ion Ratio Lower Upper

128 100

127 15.5 10.3 15.5

129 13.0 8.6 12.8#

