

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012851.D
 Acq On : 07 Oct 2019 20:17
 Operator : JC/SP
 Sample : K5140-01ME
 Misc : 6.47g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-100219ME

Quant Time: Oct 08 14:22:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283769	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111256	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	108952	44.45	ug/l	0.00
Spiked Amount			Recovery	=	88.90%	
35) Dibromofluoromethane	5.49	113	78368	46.37	ug/l	0.00
Spiked Amount			Recovery	=	92.74%	
50) Toluene-d8	8.71	98	339044	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.14	95	142584	55.72	ug/l	0.00
Spiked Amount			Recovery	=	111.44%	

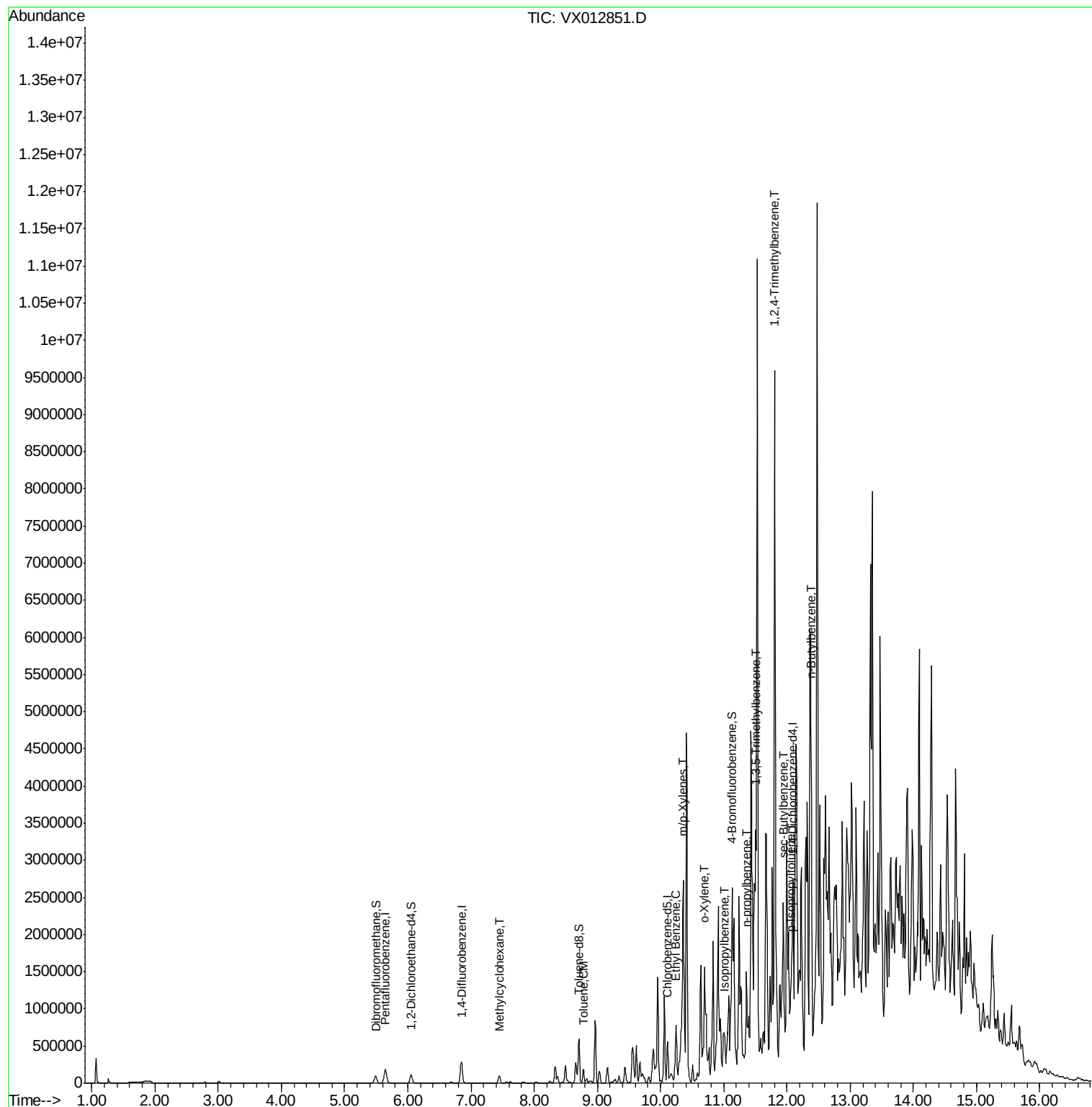
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.45	83	43279	13.143	ug/l	97
52) Toluene	8.78	92	70107	13.860	ug/l	98
67) Ethyl Benzene	10.25	91	299434	31.898	ug/l	99
68) m/p-Xylenes	10.35	106	549554	156.281	ug/l	99
69) o-Xylene	10.70	106	294443	86.535	ug/l	99
73) Isopropylbenzene	11.02	105	140615	15.518	ug/l	100
78) n-propylbenzene	11.36	91	803455	78.758	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1078145	141.884	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	3639599	474.804	ug/l	99
85) sec-Butylbenzene	11.95	105	317517	37.243	ug/l	80
86) p-Isopropyltoluene	12.06	119	213739	27.784	ug/l	99
89) n-Butylbenzene	12.39	91	911425	134.451	ug/l #	56

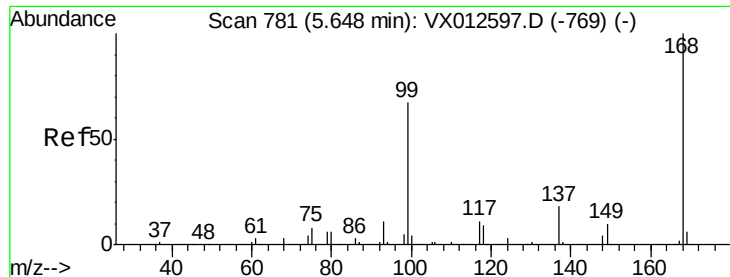
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100719\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

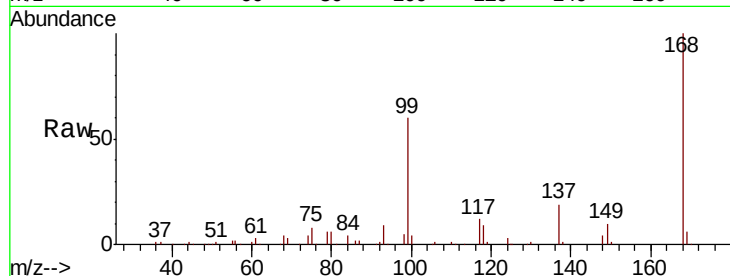
HR-05-100219ME

Tot Ion:168 Resp: 168323

Ion Ratio Lower Upper

168 100

99 60.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

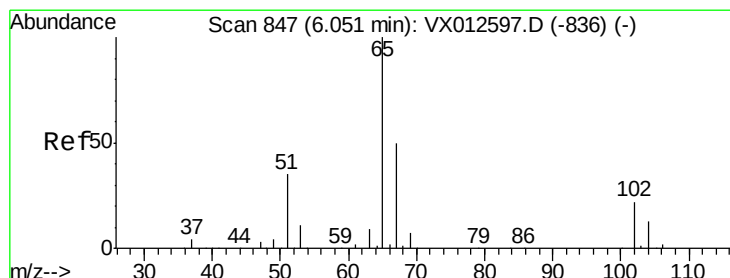
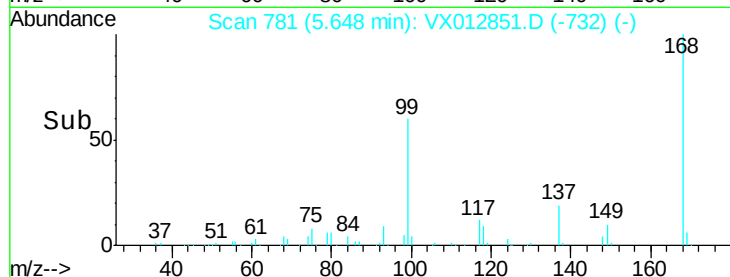
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.450 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012851.D

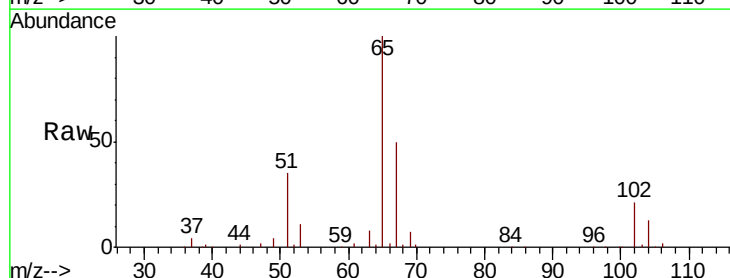
Acq: 07 Oct 2019 20:17

Tgt Ion: 65 Resp: 108952

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

30000

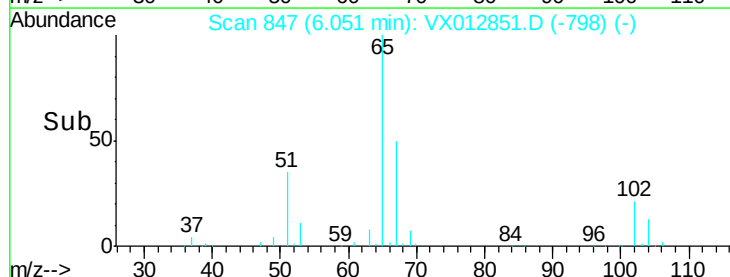
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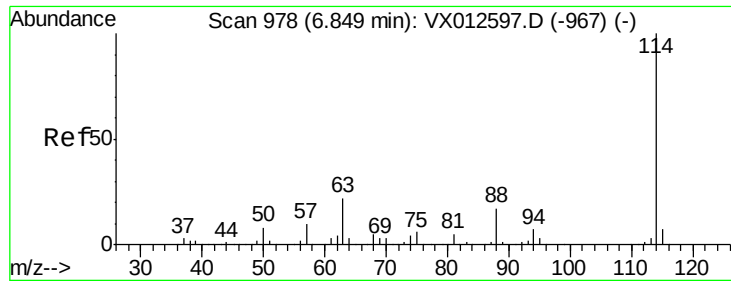
10000

0

Time-->

5.90 6.00 6.10 6.20

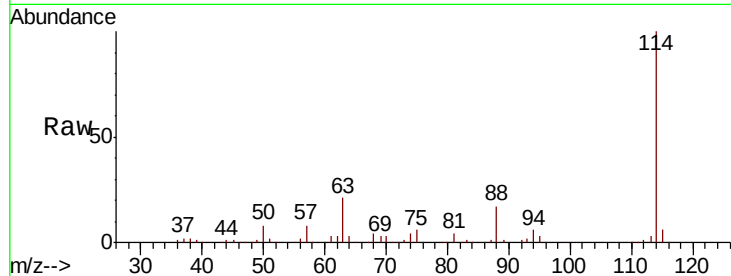




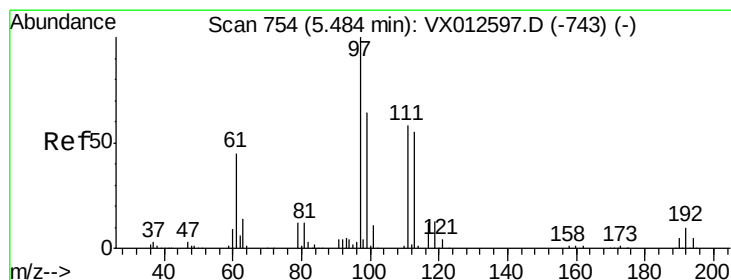
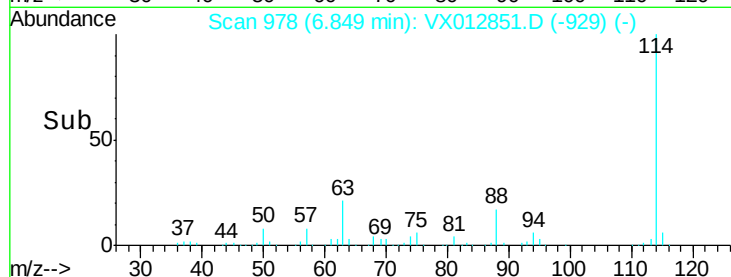
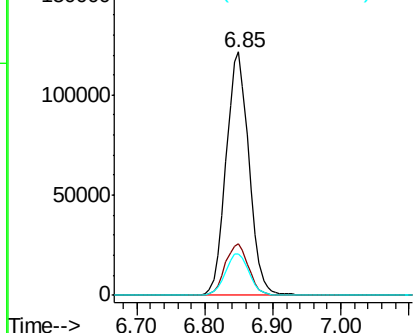
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-100219ME

Tot Ion:114 Resp: 283769
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 17.0 0.0 33.2

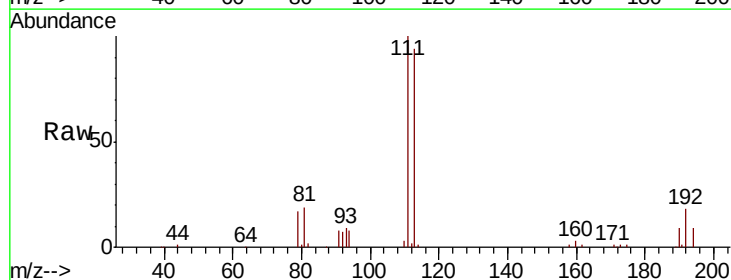


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

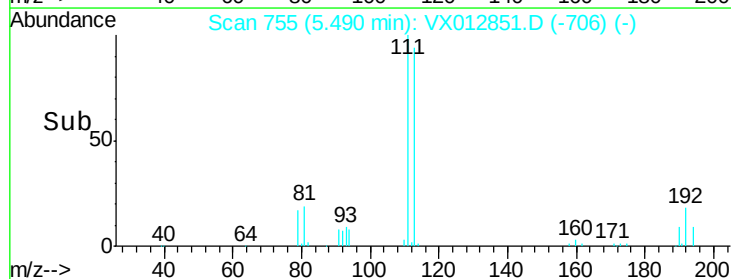
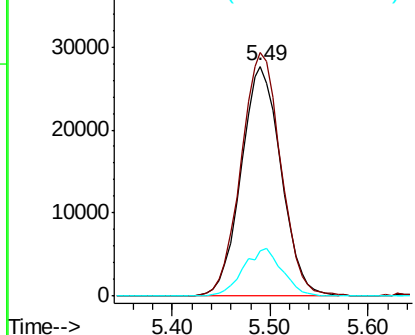


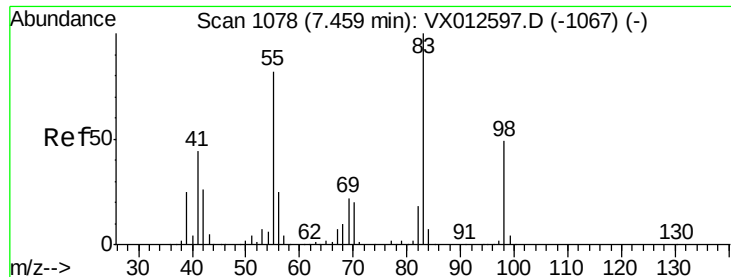
#35
 Dibromofluoromethane
 Concen: 46.373 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

Tgt Ion:113 Resp: 78368
 Ion Ratio Lower Upper
 113 100
 111 105.8 83.4 125.2
 192 20.2 14.4 21.6



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

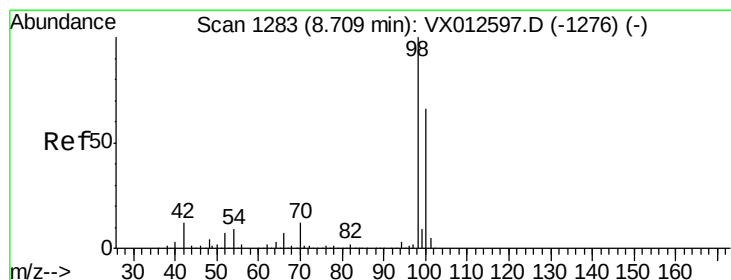
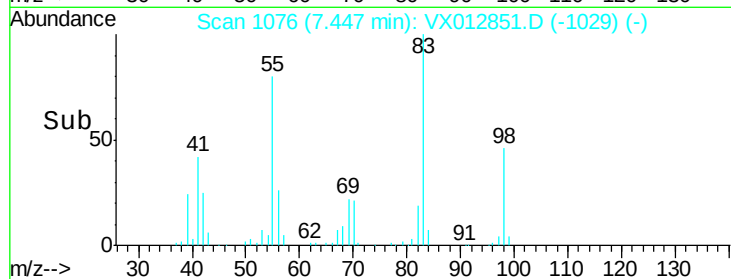
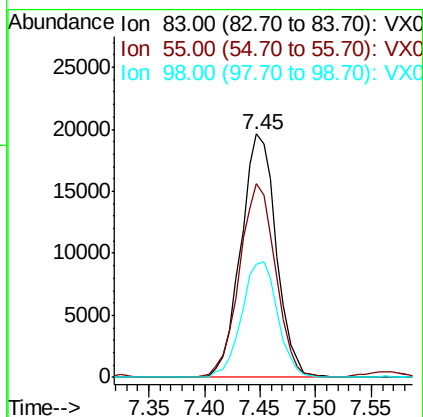
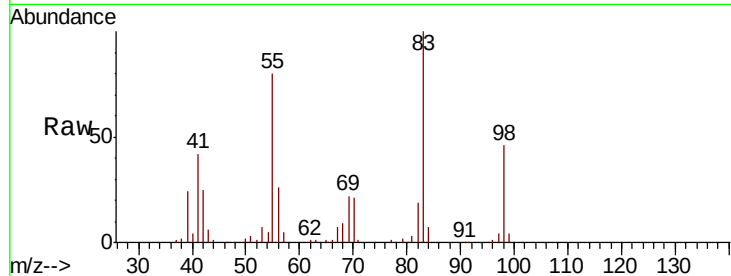




#39
Methylvlcyclohexane
Concen: 13.143 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

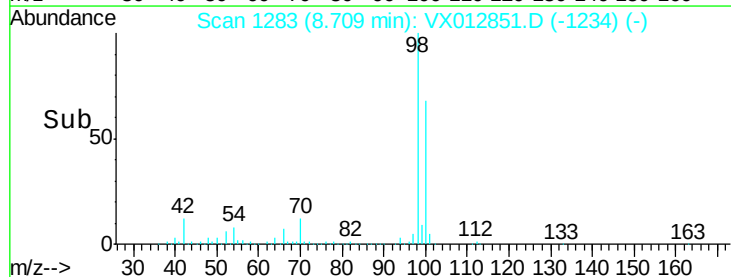
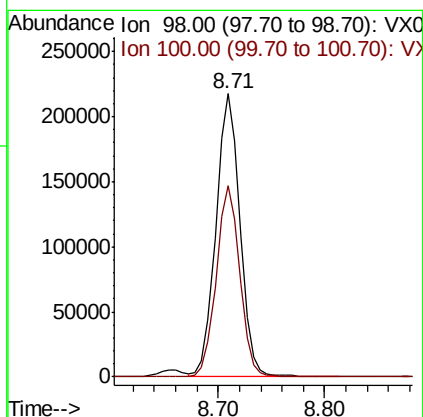
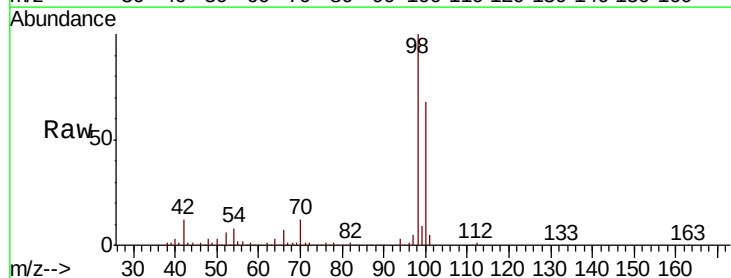
Instrument :
MSVOA_X
ClientSampleId :
HR-05-100219ME

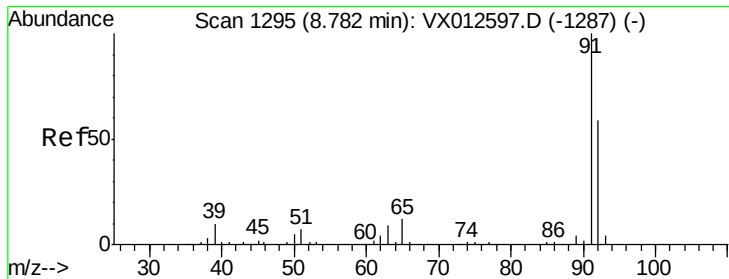
Tot Ion: 83 Resp: 43279
Ion Ratio Lower Upper
83 100
55 79.8 64.4 96.6
98 46.2 40.1 60.1



#50
Toluene-d8
Concen: 52.095 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion: 98 Resp: 339044
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.2





#52

Toluene

Concen: 13.860 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

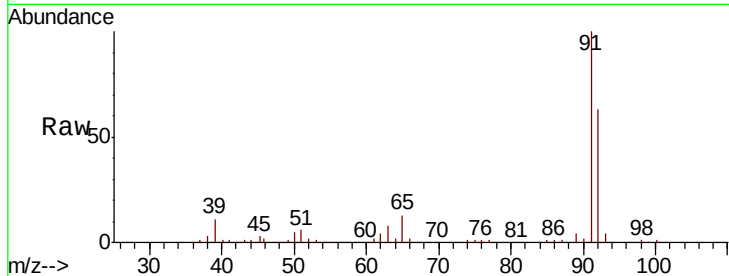
HR-05-100219ME

Tot Ion: 92 Resp: 70107

Ion Ratio Lower Upper

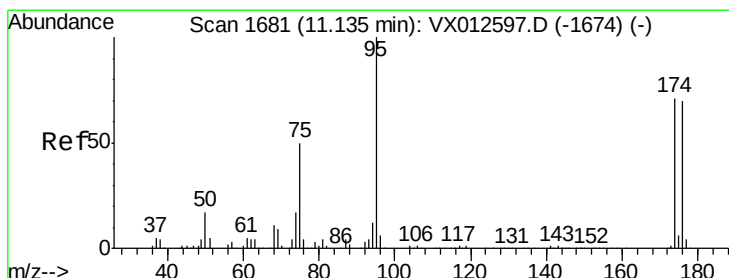
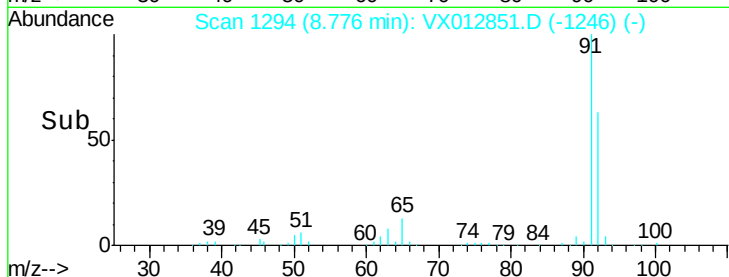
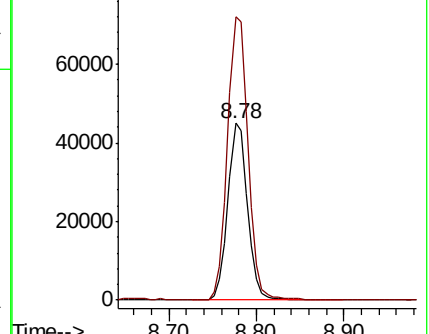
92 100

91 166.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 55.718 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

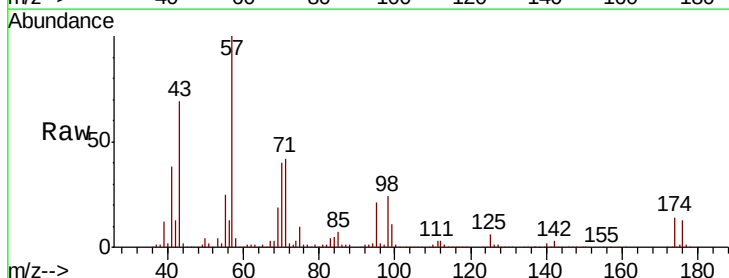
Tgt Ion: 95 Resp: 142584

Ion Ratio Lower Upper

95 100

174 59.9 0.0 140.0

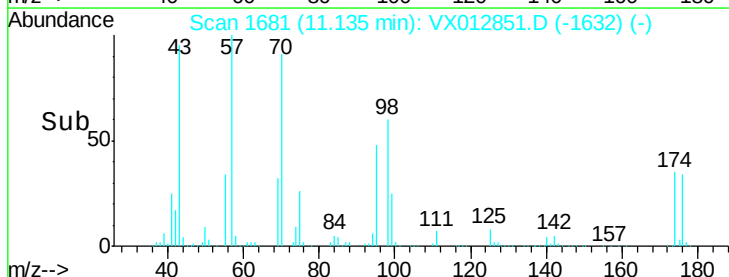
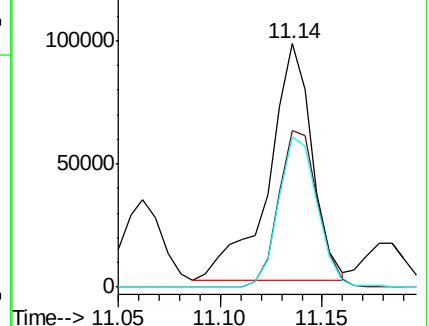
176 56.9 0.0 135.4

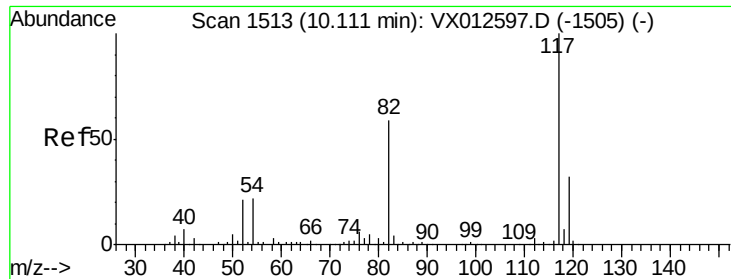


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

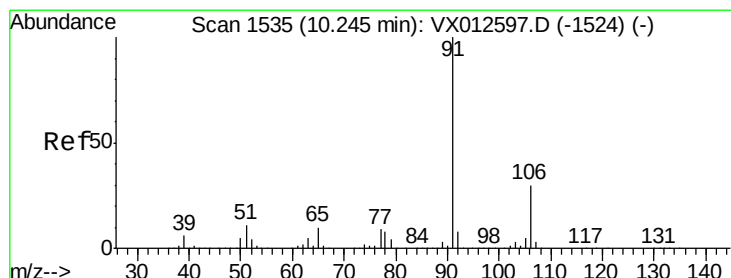
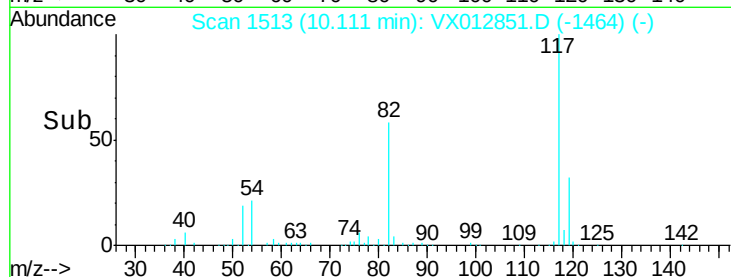
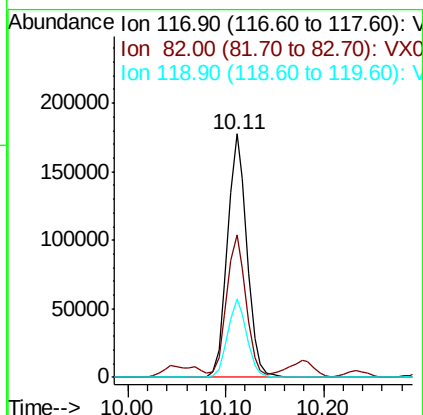
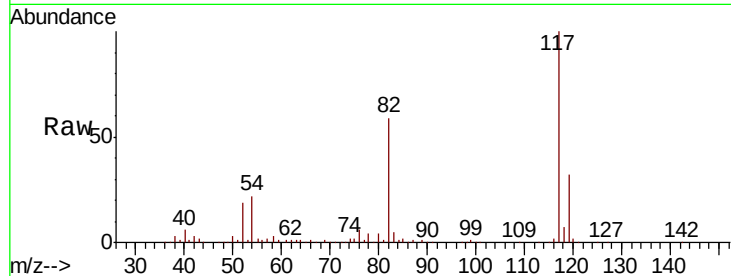




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

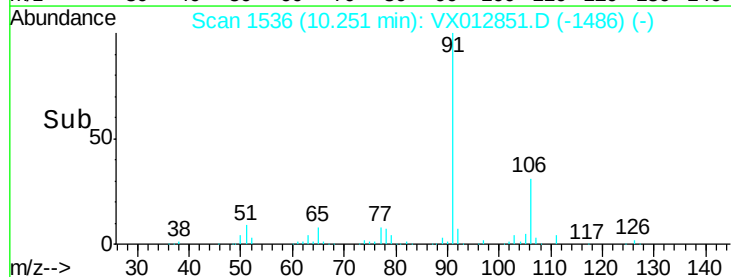
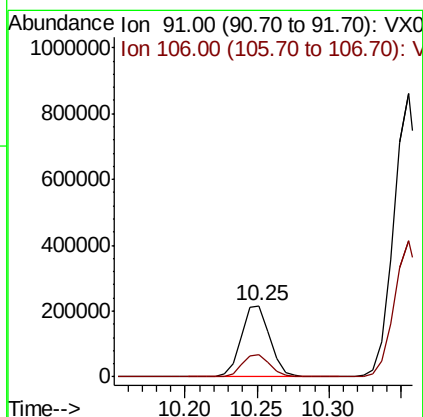
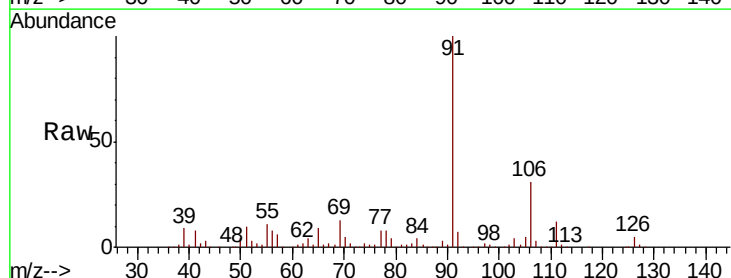
Instrument :
MSVOA_X
ClientSampleId :
HR-05-100219ME

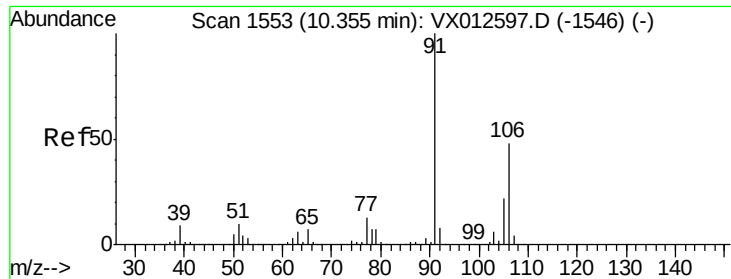
Tot Ion:117 Resp: 245779
Ion Ratio Lower Upper
117 100
82 57.9 45.9 68.9
119 32.1 25.3 37.9



#67
Ethyl Benzene
Concen: 31.898 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion: 91 Resp: 299434
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0

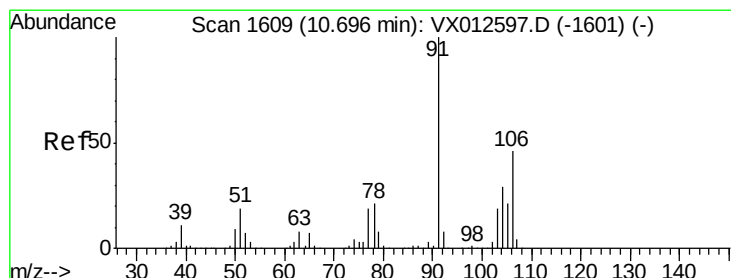
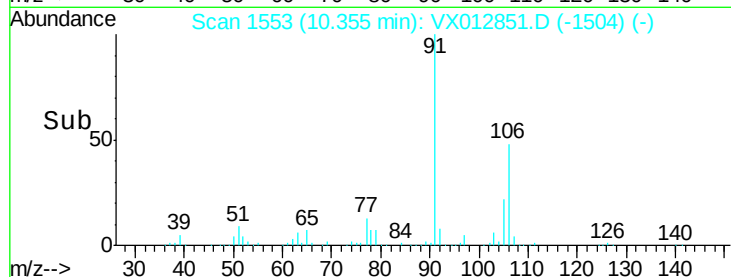
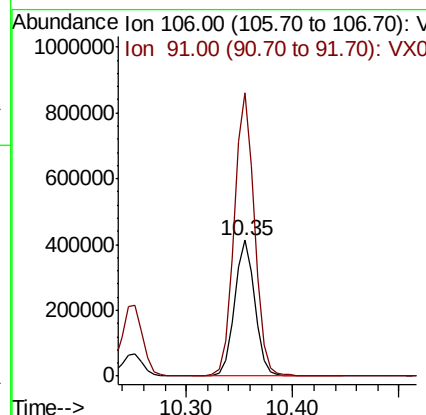
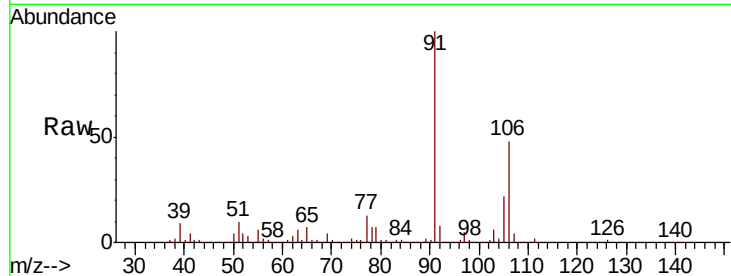




#68
m/p-Xylenes
Concen: 156.281 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

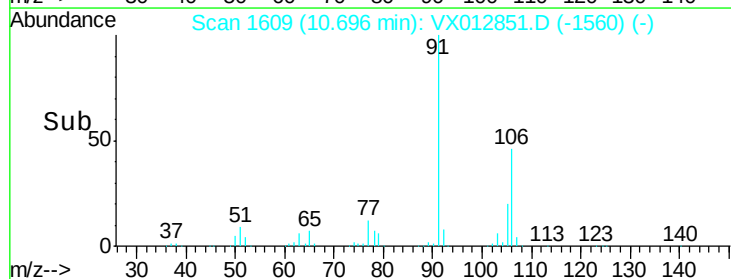
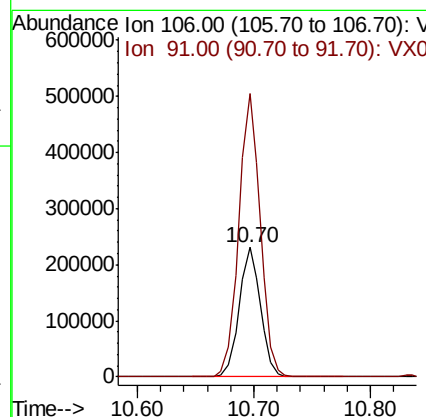
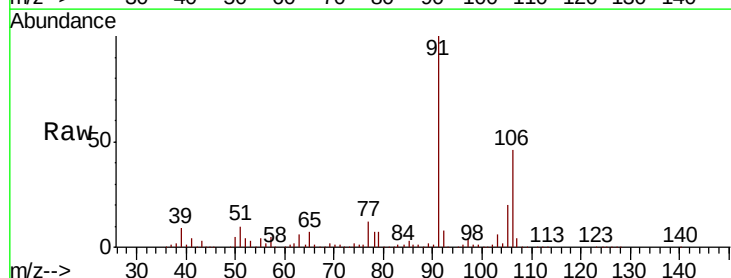
Instrument :
MSVOA_X
ClientSampleId :
HR-05-100219ME

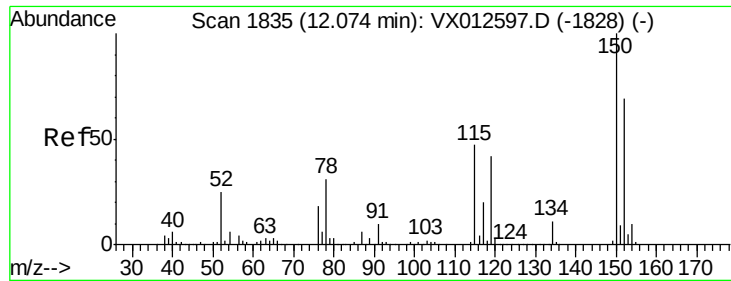
Tot Ion:106 Resp: 549554
Ion Ratio Lower Upper
106 100
91 209.4 166.6 250.0



#69
o-Xylene
Concen: 86.535 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012851.D
Acq: 07 Oct 2019 20:17

Tgt Ion:106 Resp: 294443
Ion Ratio Lower Upper
106 100
91 220.3 109.4 328.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

HR-05-100219ME

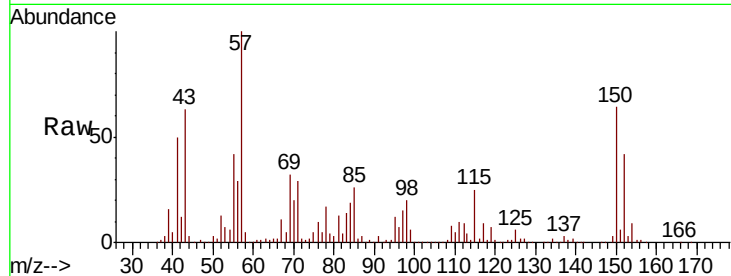
Tot Ion:152 Resp: 111256

Ion Ratio Lower Upper

152 100

115 73.8 44.1 132.3

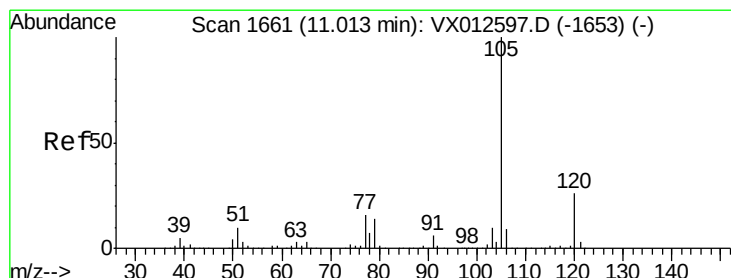
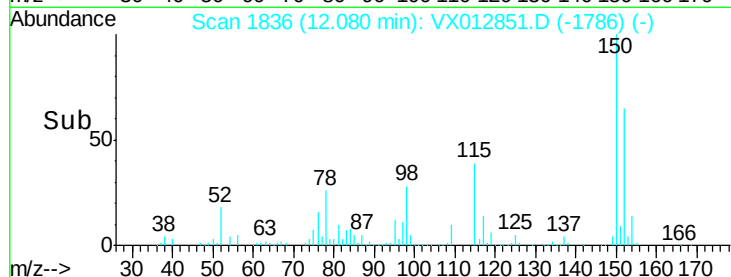
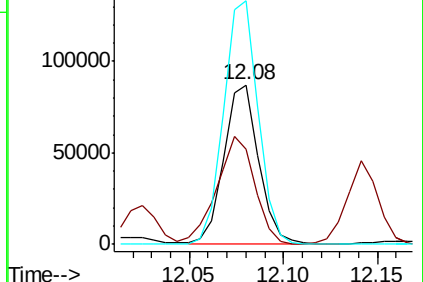
150 151.8 0.0 343.8



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: 15.518 ug/l

RT: 11.02 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VX012851.D

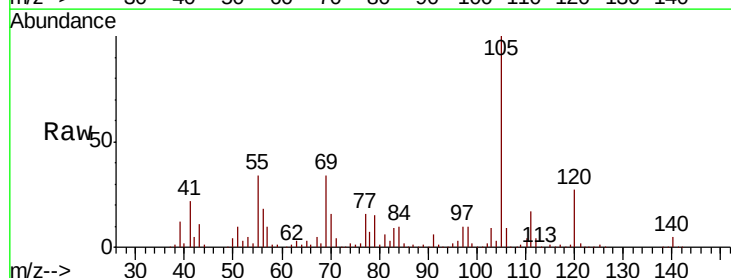
Acq: 07 Oct 2019 20:17

Tgt Ion:105 Resp: 140615

Ion Ratio Lower Upper

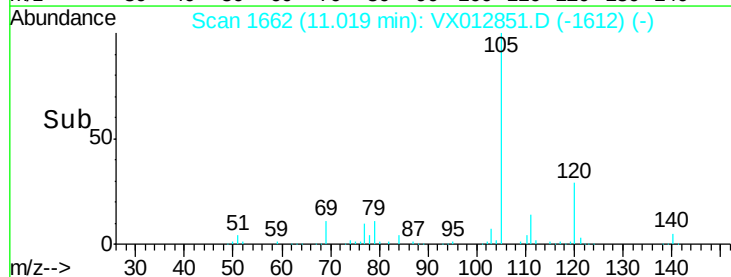
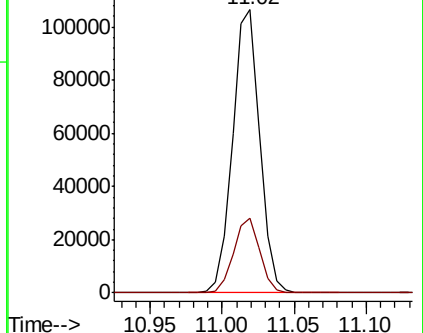
105 100

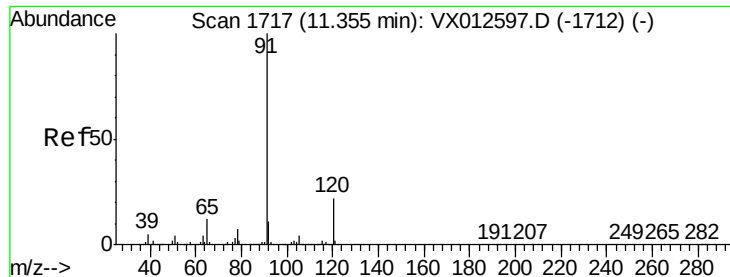
120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 78.758 ug/l

RT: 11.36 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

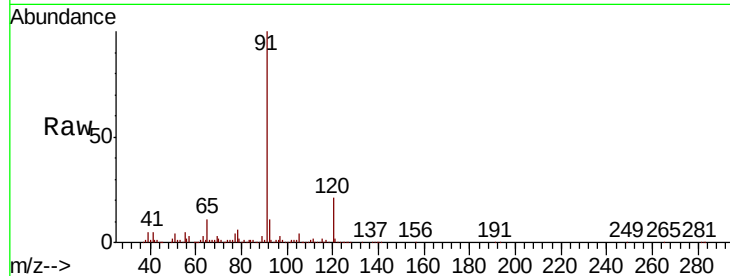
HR-05-100219ME

Tot Ion: 91 Resp: 803455

Ion Ratio Lower Upper

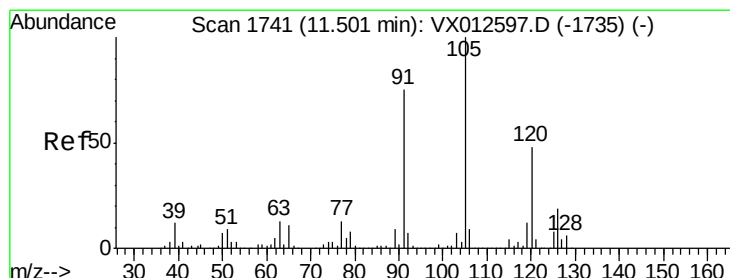
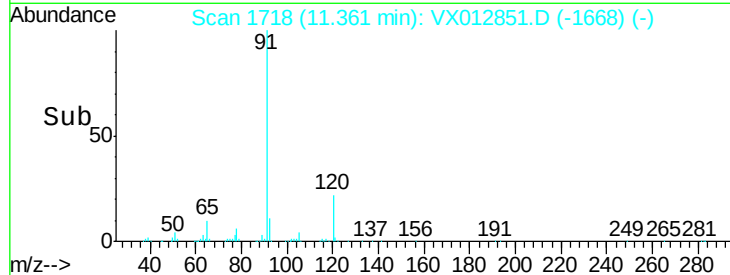
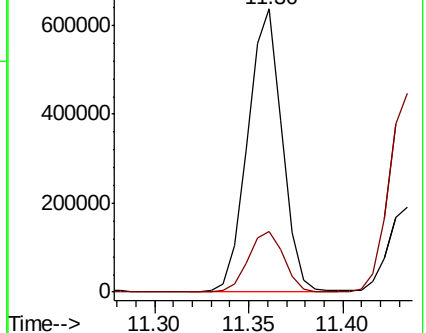
91 100

120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 141.884 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX012851.D

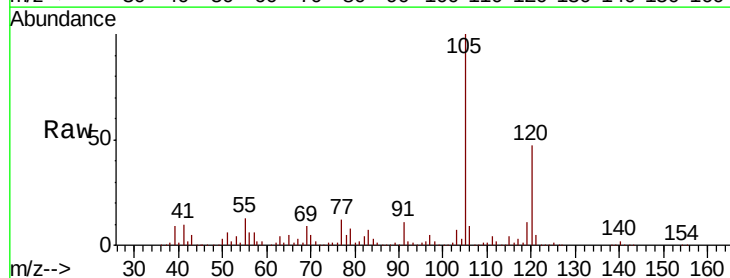
Acq: 07 Oct 2019 20:17

Tgt Ion:105 Resp: 1078145

Ion Ratio Lower Upper

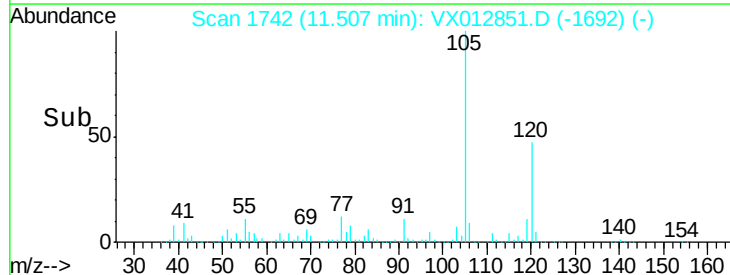
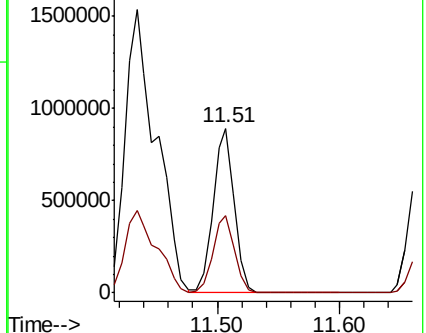
105 100

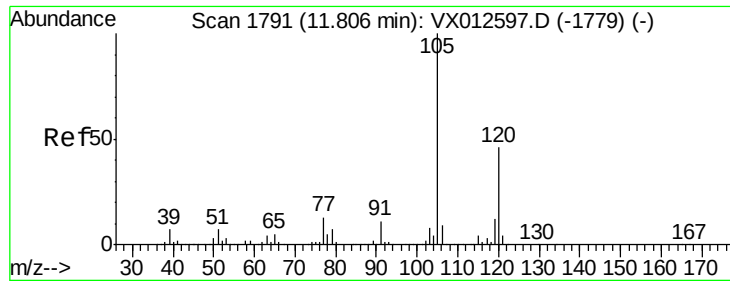
120 47.8 24.3 72.8



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: 474.804 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012851.D

Acq: 07 Oct 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

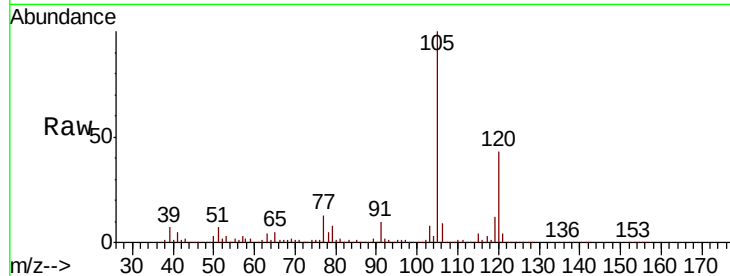
HR-05-100219ME

Tot Ion:105 Resp: 3639599

Ion Ratio Lower Upper

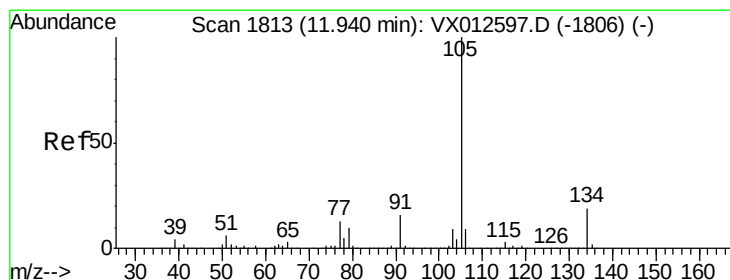
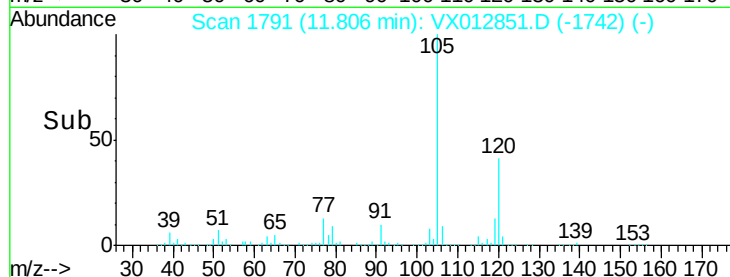
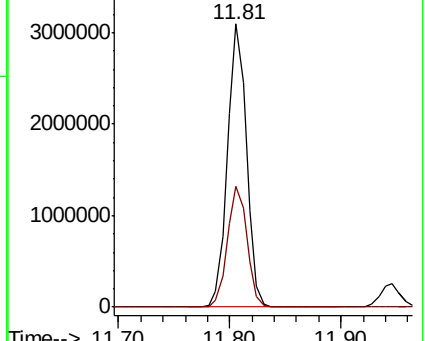
105 100

120 44.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 37.243 ug/l

RT: 11.95 min Scan# 1814

Delta R.T. 0.01 min

Lab File: VX012851.D

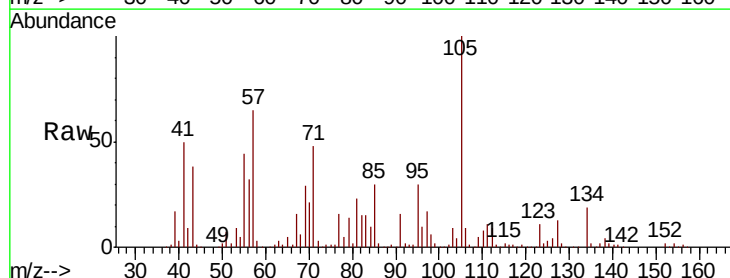
Acq: 07 Oct 2019 20:17

Tgt Ion:105 Resp: 317517

Ion Ratio Lower Upper

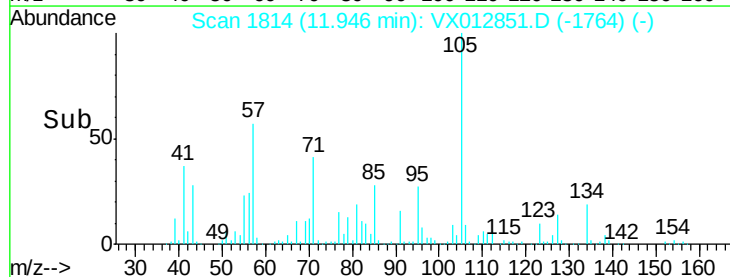
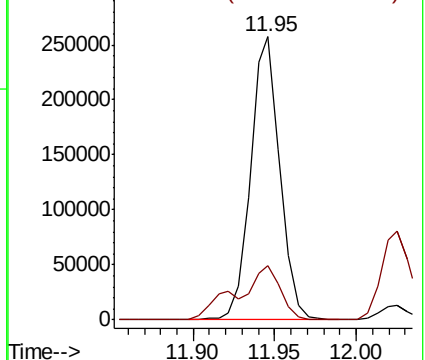
105 100

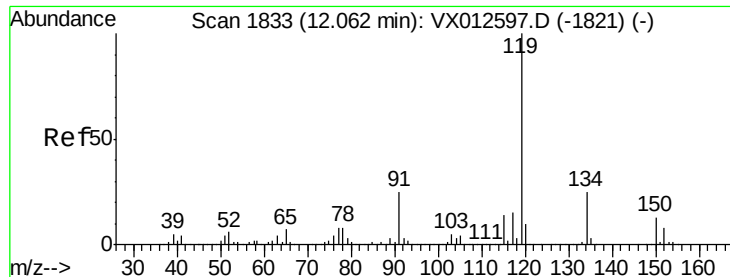
134 28.9 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

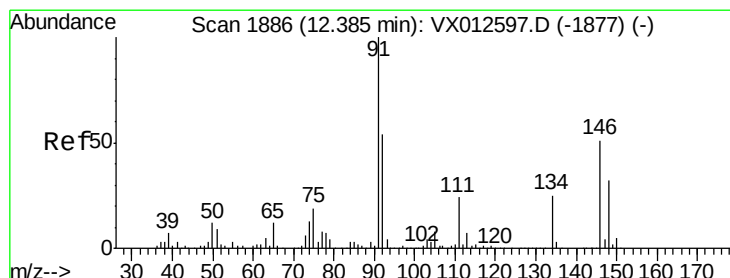
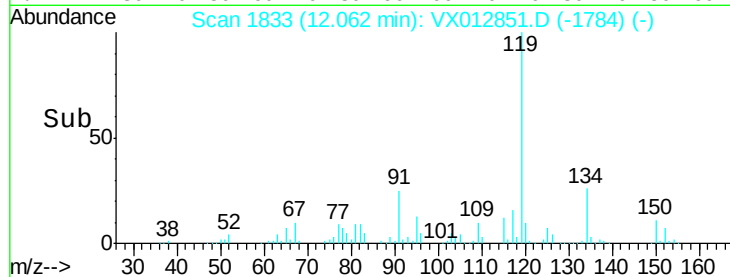
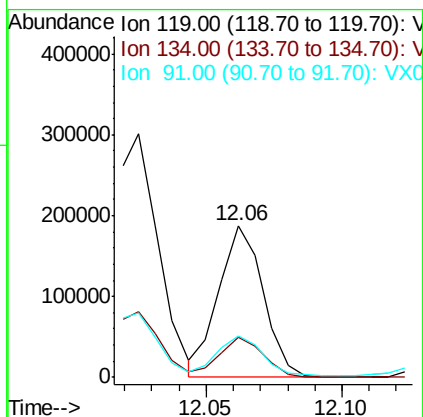
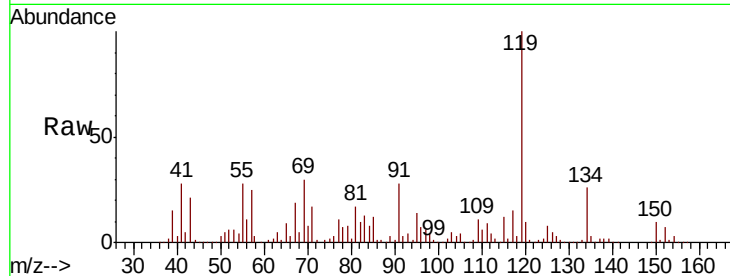




#86
 p-Isopropyltoluene
 Concen: 27.784 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-100219ME

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.7	38.1
91	25.6	12.8	38.4



#89
 n-Butylbenzene
 Concen: 134.451 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012851.D
 Acq: 07 Oct 2019 20:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	40.5	27.7	83.0
134	73.3	12.9	38.6

